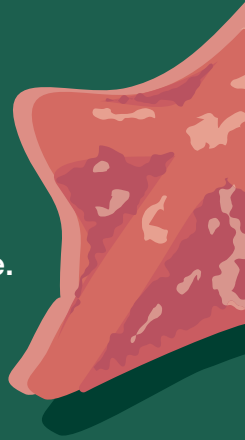




# **SAN DIEGO**2018

ABAI is a nonprofit membership organization with the mission to contribute to the well-being of society by developing, enhancing, and supporting the growth and vitality of the science of behavior analysis through research, education, and practice.



# **THURSDAY, MAY 24 TO MONDAY, MAY 28**

44TH ANNUAL CONVENTION



# Special Thanks to Our Convention Sponsors!

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International Reception



CE Signage and Social

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## Special Activities

Saturday, May 26

### Presenter Meet & Greet

ABAI Presentation Stage, Marriott Marquis, Lobby Level Foyer; 1:00 pm–2:00 pm

Stop by to meet participating presenters to discuss their research. A complete list of participants will be available in the app.

### Professional Photographs

Marriott Marquis, Southeast corner of the Grand Ballroom; 1:00 pm–3:00 pm

Complimentary professional photographs will be taken for your use on social media and resumes. Be sure to get there early!

### Jobseekers in Behavior Analysis

ABAI Presentation Stage, Marriott Marquis, Lobby Level Foyer; 2:00 pm–2:30 pm & 2:30 pm–3:00 pm

Come hear Patrick Sorensen, recruiter in the field of behavior analysis for over 30 years. Patrick will share tips on best practices to search for jobs in the field. He will also offer free one-on-one assistance.

Sunday, May 27

### Presentation Guidance

Marriott Marquis, Grand Ballroom 7-13; 1:00 pm–1:15 pm

Julie Kornack, Director of Public Policy at the Center for Autism and Related Disorders, will give a brief talk on the qualities of a good presentation. She will offer advice on making your slides and your talk shine!

### Presenter Meet & Greet

ABAI Presentation Stage, Marriott Marquis, Lobby Level Foyer; 1:00 pm–2:00 pm

Stop by to meet participating presenters to discuss their research. A complete list of participants will be available in the app.

### Professional Photographs

Marriott Marquis, Southeast corner of the Grand Ballroom; 1:00 pm–3:00 pm

Complimentary professional photographs will be taken for your use on social media and resumes. Be sure to get there early!

### Career Fair

Marriott Marquis, Lobby Level Foyer; 1:00 pm–4:00 pm

Bring your résumés and visit the many companies seeking to hire new candidates. Your new career opportunity might be waiting for you!

### Vendor Information Session

ABAI Presentation Stage, Marriott Marquis, Lobby Level Foyer; 2:00 pm–2:30 pm

Drop by for a casual conversation with DataFinch. They will discuss current projects, their vision for the future, and share insider updates about what's next for their products.

### Prize Drawing

ABAI Presentation Stage, Marriott Marquis, Lobby Level Foyer; 2:30 pm–3:00 pm

Visit all the vendors listed on the exhibitor passport and have it signed; drop off your completed passport at the bookstore to enter the drawing for a one-night free hotel stay during the 2019 Annual Convention or one of two ABAI gift packages.

Monday, May 28

### Presenter Meet & Greet

ABAI Presentation Stage, Marriott Marquis, Lobby Level Foyer; 1:00 pm–2:00 pm

Stop by to meet participating presenters to discuss their research. A complete list of participants will be available in the app.

### Prize Drawing

ABAI Presentation Stage, Marriott Marquis, Lobby Level Foyer; 2:30 pm–3:00 pm

Drop off your completed passport at the bookstore to enter the drawing for the opportunity to win a free registration to the 2019 Annual Convention or one of two ABAI gift packages.

## Acknowledgements

Program Board Coordinator

Federico Sanabria, Ph.D. (Arizona State University)

Program Committee Chair

Jonathan J. Tarbox, Ph.D. (FirstSteps for Kids)

Program and Convention Management and CE Coordination for APA

Maria E. Malott, Ph.D. (Association for Behavior Analysis International)

CE Coordination for BACB and QABA

Richard W. Malott, Ph.D. (Western Michigan University)

CE Coordination for NASP

Laurice Joseph, Ph.D. (The Ohio State University)

Area Coordinators

**Applied Animal Behavior (AAB):** Susan Kapla (Northern Michigan University) and Valeri Farmer-Dougan (Illinois State University)

**Autism (AUT):** Nicole Heal (Margaret Murphy Center for Children), Thomas Higbee (Utah State University), and Tiffany Kodak (University of Wisconsin - Milwaukee)

**Behavioral Development (DEV):** R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences) and Jessica Singer-Dudek

**Behavioral Pharmacology and Neuroscience (BPN):** Matthew Johnson (Johns Hopkins University School of Medicine) and Carla Lagorio (University of Wisconsin-Eau Claire)

**Clinical, Family, Behavioral Medicine (CBM):** Jeannie Golden (East Carolina University) and Amy Murrell (University of North Texas)

**Community, Social, and Sustainability Issues (CSS):** Todd Ward (bSci21 Media, LLC) and Tom Szabo (Florida Institute of Technology)

**Developmental Disabilities (DDA):** Eric Boelter (Seattle Children's Autism Center) and Kelly Schieltz (The University of Missouri)

**Education (EDC):** Scott Ardoin (University of Georgia) and Robin Coddington (University of Massachusetts Boston)

**Experimental Analysis of Behavior (EAB):** Eric Murphy (University of Alaska Anchorage) and Elizabeth Kyonka (West Virginia University)

**Organizational Behavior Management (OBM):** Julie Slowiak (University of Minnesota, Duluth) and Douglas Johnson (Western Michigan University)

**Philosophical, Conceptual, and Historical Issues (PCH):** Darlene Crone-Todd (Salem State University) and David Palmer (Smith College)

**Practice (PRA):** John Guercio (Benchmark Human Services) and Robert Ross (Beacon ABA Services)

**Science (SCI):** Derek Reed (The University of Kansas)

**Teaching Behavior Analysis (TBA):** Amoy Hugh-Pennie (The Harbor School - Hong Kong) and Gabrielle Lee (Michigan State University)

**Verbal Behavior (VRB):** Judah Axe (Simmons College) and Einar T. Ingvarsson (Child Study Center; University of North Texas)

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Paul Sizer, production manager; David Marlatt, office associate; Nick Kuder, art director; Stephany Bagnall, Adam Bruley, Nicholas Johnson, and Levii Sleight (Design Center, Gwen Frostic School of Art, Western Michigan University)

Convention Planning and Assistance

Aaron Barsy, Lin Davis, William Dolak, Sarah Granlund, Jean Herbrandson, Shannon Keene, Mindy Ketels, Holly Lee, Mandy McNaughton, Hadley Moore, Jenna Mrljak, Dale Power, Stephen Rafferty, Raiza Robles, Joseph Romeo, Paul Shafer, Majda Seuss, Eddie Soh, Laura Stephenson, Viviana Vidal, and Andrew York (Association for Behavior Analysis International)

# ABOUT THE PROGRAM

The program contains the contributions of 1,713 participants from nearly 50 countries:

108 Workshops

149 Papers

347 Panels & symposia

151 Expo posters

820 Posters

55 Business meetings

19 Reunions

57 Invited presentations

5 Tutorials

17 Special events

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#### Program Content

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#### Video Recording Policy

Please be aware that ABAI prohibits audio and video recording of convention events by any person or entity other than ABAI.





# about ABAI...

ABAI is a nonprofit membership organization with the mission to contribute to the well-being of society by developing, enhancing, and supporting the growth and vitality of the science of behavior analysis through research, education, and practice. ABAI encompasses contemporary scientific and social issues, theoretical advances, and the dissemination of professional and public information. Advancing behavioral science and its application has become an international effort, as witnessed by the countries represented by our members.

ABAI provides a forum for 36 special interest groups, maintains a mutually beneficial relationship with 94 affiliated chapters located across the USA and around the world, and organizes an annual convention in addition to other conferences and events. ABAI publishes three scholarly journals, distributes a triannual newsletter, provides continuing education credits, and accredits behavior analysis undergraduate and graduate training programs.

ABAI was founded in May 1974 at the University of Chicago. The first annual convention was held the following year and has been the largest gathering of behavior analysts for all of its 43-year history. The event gathers over 5,000 behavior analysts from all over the world; typically, more than 50 countries are represented. ABAI also conducts an annual autism conference, an international conference every 2 years, and other topical events, including those covering education and behavioral research and translation. The association has more than 6,000 members from nearly 70 countries.

## Diversity Policy

The Association for Behavior Analysis International seeks to be an organization comprised of people of different ages, races, nationalities, ethnic groups, sexual orientations, genders, classes, religions, abilities, and educational levels. ABAI opposes unfair discrimination.

## Ethics

The Association for Behavior Analysis International expects its members to uphold the highest standards of personal and professional behavior in the conduct of their work and the advancement of behavior analysis. ABAI embraces the diversity of professions within its membership; each ABAI member should adhere to the ethical standards that have been defined for his or her profession. Examples include, but are not limited to:

- ❖ The American Psychological Association's "Ethical Principles of Psychologists and Code of Conduct"
- ❖ The Association for Clinical Researchers' "Code of Ethics"
- ❖ The Association for Institutional Research's "Code of Ethics"
- ❖ The Behavior Analyst Certification Board's "Guidelines for Responsible Conduct for Behavior Analysts"
- ❖ The National Association of School Psychologists' "Professional Conduct Manual"
- ❖ The National Association of Social Workers' "Code of Ethics"
- ❖ The National Education Association's "Code of Ethics of the Education Profession"

# executive council



**President (2016-2019)**  
Michael J. Dougher, Ph.D.  
(University of New Mexico)



**President-Elect (2017-2020)**  
Mark Mattaini, DSW  
(Jane Addams College of Social Work,  
University of Illinois at Chicago)



**Past-President (2015-2018)**  
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(Georgia Institute of Technology)



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(2017-2020)**  
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**International Representative  
(2017-2020)**  
Per Holth, Ph.D.  
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of Applied Sciences)



**At-Large Representative  
(2016-2019)**  
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(University of North Carolina Wilmington)



**At-Large Representative  
(2015-2018)**  
Christina A. Alligood, Ph.D.  
(Disney's Animal Kingdom)



**Applied Representative  
(2015-2018)**  
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(Appalachian State University)



**Chief Executive Officer**  
Maria E. Malott, Ph.D.  
(Association for Behavior  
Analysis International)



**Student Representative  
(2016-2019)**  
Lorraine Becerra  
(Utah State University)



**Student Representative-Elect  
(2017-2020)**  
Kathryn Roose  
(University of Nevada, Reno)



**Past Student Representative  
(2015-2018)**  
Christina Peters, MS  
(University of Nevada, Reno)

Past presidents of the association are Nathan H. Azrin, Donald M. Baer, Sidney W. Bijou, Marc N. Branch, A. Charles Catania, Thomas S. Critchfield, Barbara C. Etzel, Judith E. Favell, Richard M. Foxx, Patrick C. Friman, Sigrid S. Glenn, Israel Goldiamond, Gina Green, Don F. Hake, Linda J. Parrott Hayes, William L. Heward, Philip N. Hineline, Maria Martha Hübner, Brian A. Iwata, James M. Johnston, Kennon A. Lattal, Ogden R. Lindsley, Richard W. Malott, M. Jackson Marr, Frances K. McSweeney, Jack Michael, Raymond G. Miltenberger, John C. (Jay) Moore, Edward K. Morris, Henry S. Pennypacker, Michael Perone, Carol Pilgrim, Ellen P. Reese, Kurt Salzinger, Masaya Sato, Beth Sulzer-Azaroff, Janet S. Twyman, and Julie S. Vargas.

## 44th Annual Convention Schedule

### Thursday, May 24

11:00 am–12:45 pm	SQAB registration
12:00 pm–7:00 pm	Registration and bookstore open
12:45 pm–5:30 pm	SQAB program
4:00 pm–7:00 pm	Pre-convention workshops
7:00 pm–9:30 pm	SQAB posters

### Friday, May 25

7:00 am–8:00 pm	Registration and bookstore open
7:45 am–9:00 am	SQAB registration
8:00 am–3:00 pm	Pre-convention workshops
9:00 am–5:05 pm	SQAB program
2:00 pm–5:00 pm	Exhibitor setup
4:00 pm–7:00 pm	Pre-convention workshops
7:00 pm–7:50 pm	Business meetings
7:00 pm–9:30 pm	SQAB posters
9:00 pm–10:30 pm	International Welcome Reception

### Saturday, May 26

7:00 am–8:00 pm	Registration and bookstore open
8:00 am–9:20 am	Opening Event and SABA Awards
8:00 am–10:00 am	Poster setup
9:00 am–3:30 pm	Exhibits open
10:00 am–12:50 pm	Sessions
1:00 pm–2:00 pm	Presenter Meet & Greet
1:00 pm–3:00 pm	Poster session and author signing
7:00 pm–8:00 pm	Expo poster setup
3:00 pm–5:50 pm	Sessions
6:00 pm–6:50 pm	Presidential Scholar Address
7:00 pm–7:50 pm	Business meetings
7:00 pm–10:00 pm	Exhibits open
8:00 pm–10:00 pm	ABAI Expo

### Sunday, May 27

7:00 am–8:00 pm	Registration and bookstore open
8:00 am–10:00 am	Poster setup
8:00 am–12:50 pm	Sessions
9:00 am–3:30 pm	Exhibits open
1:00 pm–2:00 pm	Presenter Meet & Greet
1:00 pm–3:00 pm	Poster session and author signing
1:30 pm–4:00 pm	Career fair
3:00 pm–6:50 pm	Sessions
5:30 pm–7:30 pm	Exhibits open
7:00 pm–7:50 pm	Business meetings
8:00 pm–10:00 pm	Reunions and receptions

### Monday, May 28

7:00 am–8:00 pm	Registration and bookstore open
8:00 am–10:00 am	Poster setup
8:00 am–12:50 pm	Sessions
9:00 am–3:30 pm	Exhibits open
1:00 pm–2:00 pm	Presenter Meet & Greet
1:00 pm–3:00 pm	Poster session and author signing
3:00 pm–5:50 pm	Sessions
6:00 pm–6:50 pm	Presidential Address
8:00 pm–midnight	ABAI Social

*This schedule may be altered to accommodate changing circumstances. If you are interested in receiving a copy of a paper presented during the convention, please request a reprint from the author at the end of the session.*

## Using the Convention Program Book

### Understanding Program Entries

To help you understand the structure of this book, the next few paragraphs explain the various terms and codes used throughout.

### Session Formats

*Pre-convention workshops* review recent research, discuss current theoretical issues, and present new methods for the application of behavior analysis. Registration for individual workshops is required, either prior to the convention or on site. There is an additional fee for attending workshops.

*Invited speaker* events feature presenters asked by the Program Board to discuss information that is new, innovative, or otherwise important to the specialty area. All may attend invited events.

*Tutorials* are presented by distinguished scholars who teach a specific topic. The 2018 convention includes 4 tutorials invited by the Program Committee chair with input from area coordinators. All may attend invited tutorials.

*Symposia* consist of a series of moderated related presentations by different people with no interaction between the speakers. Sessions may also include a discussant.

*Paper sessions* include papers of theoretical, philosophical, or methodological issues assembled into a session by the area coordinators.

*Panel discussions* are moderated discussion sessions with panel members responding to a theme.

*Poster sessions* are displays of information relevant to data-based research projects; presenting authors are available during 120-minute sessions to discuss their work. Posters with odd numbers will be discussed during the first hour, even numbers the second hour. Presenters should set up their posters 8 am–10 am for that day's sessions. Posters may be viewed for 2 hours prior to each session.

*The ABAI Expo* is a special poster session for presentations of undergraduate and graduate training programs, internship and employment opportunities, special interest groups, affiliated chapters, ABAI boards and committees, and behavioral organizations from around the world. Presenters should set up their posters between 7 pm–8 pm.

*Business meetings* are held by ABAI committees, chapters, special interest groups, and others. Anyone may attend published meetings.

*Reunions* are social gatherings for schools, businesses, and other organizations.

### Domains of Content

Presenters were asked to categorize their sessions as applied research, basic research, service delivery, or theory.

*Applied research* deals with behavior selected on the basis of its social significance, human emphasis, intervention driven with cure orientation, data-based activity carried out under

auspices of research protocol, development of new technology, and anything with the ultimate function of disseminating artifacts (contingent on peer review) that contribute to generalizable knowledge about how or why interventions, service delivery systems, or their components achieve desired goals. The function of any manipulation or analysis is to go beyond demonstrating that environmental manipulations will produce desired goals by identifying how or why interventions, service delivery systems, or their components achieve those goals.

*Basic research* deals with representative response, which can include verbal behavior in humans, in any species. It is theoretically driven, data-based activity that is carried out under the auspices of research protocol. It is anything to do with the ultimate function of disseminating artifacts (contingent on peer review) that contribute to generalizable knowledge about fundamental processes.

*Service delivery* deals with behavior selected on the basis of its social significance, human emphasis, intervention driven with cure orientation, frequently but not necessarily supported through fee for service arrangements and staff positions, extension of existing technology to new settings or populations, and is not predominantly undertaken to disseminate an artifact that contributes to generalizable knowledge, even though it may include data-based decision making. Presentations in this category are predominantly case histories, illustrations, descriptions, or demonstrations rather than analysis of how principles may be applied in interventions, service delivery systems, or their components to achieve desired goals. The function of any manipulation or analysis is to apply environmental manipulations to produce desired goals rather than to identify how or why interventions, service delivery systems, or their components achieve those goals.

*Theory* deals with abstract, conceptual, or integrative statements about organizations of facts, interpretations, or mathematical models and quantitative analyses. This area can also include historical and philosophical analyses or reviews.

### Program Area Identifiers

The following program area identifiers appear in the session listings in the program schedule and indicate the general topic under which each presentation falls. Presentations may also indicate a secondary specialty area. The secondary area is listed directly after the first area in symposia, invited events, and panel discussions and after the title of the presentation in posters and paper sessions.

AAB: Applied Animal Behavior

AUT: Autism

BPN: Behavioral Pharmacology and Neuroscience

CBM: Clinical, Family, Behavioral Medicine

CSS: Community, Social, and Sustainability Issues

DDA: Developmental Disabilities	PCH: Philosophical, Conceptual, and Historical Issues
DEV: Behavioral Development	PRA: Practice
EAB: Experimental Analysis of Behavior	SCI: Science
EDC: Education	TBA: Teaching Behavior Analysis
OBM: Organizational Behavior Management	VRB: Verbal Behavior
OTH: Other	



# registration

Grand Ballroom Pre-Function  
Marriott Marquis San Diego & Marina

## hours

<b>Thursday, May 24</b>	12:00 pm–7:00 pm
<b>Friday, May 25</b>	7:00 am–8:00 pm
<b>Saturday, May 26</b>	7:00 am–8:00 pm
<b>Sunday, May 27</b>	7:00 am–8:00 pm
<b>Monday, May 28</b>	7:00 am–8:00 pm

### Available at the Registration Desk:

On-site registration  
Pre-registration badge pick-up  
Purchase family badge  
Workshop registration  
Purchase continuing education package  
Become an ABAI member (and save on registration!)  
Register for upcoming ABAI conventions and conferences

### Name Badges

Name badges are required for entry into all ABAI events and presentation rooms, and for access to ABAI on-site services, including the bookstore, exhibits, and job placement services. Registrants receive a name badge on site. Replacement name badges will be provided for \$35. Your name badge will be printed with your preferred first name (nickname) in addition to your full first and last name and affiliation.

### Family Badges

Family attending only your convention presentation must purchase a family badge for \$20 or they will not be permitted into your event.

### Convention Materials

Attendees may pick up their name badges, any workshop tickets, and other materials at the pre-registration desk.

### Cancellation Policy

Requests for registration refunds for the 44th Annual Convention in San Diego, CA—minus a \$79 cancellation fee—will be met provided they are made prior to midnight (EDT) May 1, 2018.

### Transfer Policy

Requests for registration transfers (attendee replacements) for the 44th Annual Convention in San Diego, CA, received by midnight (EDT) May 1, 2018, will be processed in the ABAI office prior to the convention. Requests made after this date will be processed on site at the registration desk. There will be a processing fee for transfers.

### Pre-Convention Workshops

Admission to workshops is by ticket only. You must present your ticket at the door to attend. Workshops may be canceled due to low enrollment, so advance registration is advised. Registrants will receive workshop ticket(s) at the registration desk with their name badge.

All presenters, including invited speakers and presenting authors, must register for the convention. Payment of membership and registration fees is subject to current federal, state, and local tax regulations. To determine the tax-exempt status of your payment, contact your local office of tax information. Refund requests received after deadlines, except for those made as a result of a death in the immediate family, will not be granted. Cancellations due to a family death should be submitted to ABAI in writing; ABAI reserves the right to request legal verification of the death.



## Continuing Education

### General Information

One of ABAI's primary objectives is to provide educational opportunities for members and other professionals to review recent research, discuss current theoretical issues, and learn new methods in the application of behavior analysis to societal problems. While ABAI does not require participation in the continuing education (CE) program for membership, involvement is encouraged.

The CE program is designed to meet needs for self-improvement and to provide continuing academic training for psychologists and behavior analysts as required by many licensing associations and specialty boards. ABAI maintains records of all CE credits.

ABAI is a Type 2 ACE provider for the Behavior Analyst Certification Board (BACB), is approved by the American Psychological Association (APA) to sponsor CE for psychologists, is approved by the National Association of School Psychologists (NASP) to offer CPD for school psychologists, and is approved by the Qualified Applied Behavior Analysis Credentialing Board (QABA) to offer CE for those with Applied Behavior Analysis Technician or Qualified Autism Services Practitioner credentials. ABAI maintains responsibility for this programs and its content.

### Continuing Education Sessions

CE type(s) available are indicated in the session details on the following pages, in the online program, and in the conference app. Not all sessions are approved for all CE types.

### Continuing Education Obtainment

To receive CE credit, please take the following steps:

- Download ABAI's CE scanner app for iOS or Android (search your app store for "ABAI CE Scanner").
- Complete the user profile and select CE type(s).
- Scan QR codes as you enter and exit each session.
- Connect to the Internet to automatically sync with ABAI's database.
- Pay for the CE package at the registration desk or online: \$85 for ABAI members; \$105 for nonmembers.

### Continuing Education Certificates

CE certificates will be available in your ABAI portal after the convention. You must remit payment for the CE package and have scanned in and out of every session you wish credit for in order to view your certificate(s).

## Workshops

Workshops are subject to cancellation due to low enrollment, so advance registration is advised. The fee for continuing education is included in the price of the workshop.

Review workshop offerings on pages 53–57 and pages 65–75. To view detailed descriptions of all workshops, visit our online program at [www.abainternational.org/events/annual-2018](http://www.abainternational.org/events/annual-2018) and click "Workshops."

## Cancellations and Refunds

Registrants may cancel convention and workshop registration through May 1, 2018. A handling fee of \$80 per cancellation will be deducted from all refunds. Refunds will not be granted after May 1, 2018.

## Ethics

ABAI expects its members to uphold the highest standards of personal and professional behavior in the conduct of their work and the advancement of behavior analysis. ABAI embraces the diversity of professions within its membership; thus, each ABAI member should adhere to the ethical standards that have been defined for his or her profession.

# Bookstore

The ABAI Cooperative Bookstore is pleased to offer titles relating to the field of behavior analysis at the 44th Annual Convention in San Diego, CA. The bookstore will be in the Pacific Ballroom on the Ground Level of the Marriott Marquis San Diego & Marina.

### Hours

Thursday, May 24	12:00 pm–7:00 pm
Friday, May 25	7:00 am–8:00 pm
Saturday, May 26	7:00 am–8:00 pm
Sunday, May 27	7:00 am–8:00 pm
Monday, May 28	7:00 am–8:00 pm

### Author Signing

The author signing will feature some of the convention's invited presenters. Visit and have your purchased books signed. Signings will take place during poster sessions:

Saturday, May 26	1:00 pm–3:00 pm
Sunday, May 27	1:00 pm–3:00 pm
Monday, May 28	1:00 pm–3:00 pm

### Book Categories

AAB	Applied Animal Behavior
AUT	Autism
BPN	Behavioral Pharmacology and Neuroscience
CBM	Clinical, Family, Behavioral Medicine
CSS	Community, Social, and Sustainability Issues
DDA	Developmental Disabilities
DEV	Behavioral Development
EAB	Experimental Analysis of Behavior
EDC	Education
OBM	Organizational Behavior Management
OTH	Other
PD	Professional Development
PCH	Philosophical, Conceptual, and Historical
PRA	Issues Practice
SCI	Science
TBA	Teaching Behavior Analysis
VRB	Verbal Behavior

For more information and a complete list of authors, please visit the bookstore.

### ABAI Branded Items

ABAI branded items will be available at the bookstore, including convention and ABAI t-shirts, leather luggage tags, and more—including our "Leaders in Behavior Analysis" coffee mug set!

*For inquiries regarding the ABAI Cooperative Bookstore, contact the ABAI office at (269) 492-9310 or [bookstore@abainternational.org](mailto:bookstore@abainternational.org).*

**Modules from the 43rd Annual Convention  
and 12th Annual Autism Conference now available!**

Visit the Learning Center online and browse all the offerings.

**NOW AVAILABLE**



**PRE-ORDER AT  
REGISTRATION DESK!**



The ABAI Learning Center offers access to popular sessions from ABAI events; it allows you to listen to and view presentations and includes opportunities to earn continuing education credit for behavior analysts from selected sessions.

**learning  
center**

[www.abainternational.org](http://www.abainternational.org)

# Employment Events

Please visit the  
**ABAI Career  
Central Booth in the  
Pacific Ballroom.**

## Hybrid Career Fair

**When:** Sunday, May 27, 1:00–4:00 pm

**Where:** Lobby Level Foyer of the Marriott Marquis San Diego & Marina  
(Check the convention app to keep updated on participating companies.)

Visit the Career Central booth for information! The career fair is tailor-made to increase ROI for participating employers and create new value for behavior analysts at all stages of career development.

**Job Seekers—Searching for that perfect career opportunity?**

- Career management speaker at the ABAI presentation stage
- Tips on job hunting and résumé writing from a recruitment expert
- Pre-convention marketing and employer registration
- Meet onsite with recruiters

**Employers—Searching for that prime candidate? Enhance your recruiting efforts!**

- Pre-convention marketing and job seeker registration
- Strategic marketing throughout the convention
- Increased company visibility online at Career Central
- Access to the Career Central résumé database and detailed candidate information (where approved)
- Listing on the ABAI website and convention app
- Meet and interview candidates (onsite interview rooms will be available)

### Free Professional Photographs

Marriott Marquis, Southeast corner of the Grand Ballroom; 1:00 pm–3:00 pm on Saturday and Sunday

### Free Presentations From Professional Recruiter Patrick Sorensen

ABAI Presentation Stage, Marriott Marquis, Lobby Level Foyer; 2:00 pm–2:30 pm & 2:30 pm–3:00 pm

With 30 years of experience in human resources, Patrick has spent the last 6 years exclusively in behavioral health. He consults in areas such as talent acquisition, employee engagement and recruitment, processes and systems, and employment law.

Patrick will hold two 20-minute sessions on Saturday to discuss job search resources and techniques. He will also be available throughout the convention to work one-on-one with individuals seeking job search guidance.

## B. F. Skinner Lecture Series

ABAI's B. F. Skinner Lecture Series brings distinguished speakers from fields other than behavior analysis to the ABAI annual convention. These guest presenters have been selected for their relevance to our field, and the Program Board has arranged for you to hear an incredible range of scholars.

### Applied Animal Behavior

#### **Zoo Animal Welfare: Implications for the World's Most Iconic Species**

Greg Vicino (San Diego Zoo Global)  
Sunday, May 27, 5:00 pm

### Autism

#### **When Training and Coaching Aren't Enough: Changing Practice and Outcomes in Low-Resource Public Schools**

David Mandell (University of Pennsylvania)  
Perelman School of Medicine)  
Saturday, May 26, 3:00 pm

### Behavioral Development

#### **The Bidirectional Operant as Behavioral Metamorphosis**

Peter Pohl (Child Psychology Practice, Garmisch)  
Monday, May 28, 3:00 pm

### Behavioral Pharmacology and Neuroscience

#### **Psychodelics: Mechanisms and Therapeutic Potential**

Robin Carhart-Harris (Imperial College London)  
Sunday, May 27, 10:00 am

### Clinical, Family, Behavioral Medicine

#### **Brief Behavioral Therapy for Anxiety and Depression: Developing Efficient Interventions for Pediatric Care**

V. Robin Weersing (San Diego State University)  
Sunday, May 27, 6:00 pm

### Developmental Disabilities

#### **ECHO Autism: Bringing Best Practice Autism Care to Community Providers**

Kristin Sohl (University of Missouri Health Care)  
Saturday, May 26, 4:00 pm

### Education

#### **Behavioral Consultation: Past, Present, and Future**

William P. Erchul (University of California, Riverside)  
Saturday, May 26, 12:00 pm

### Experimental Analysis of Behavior

#### **Capture and Control: Promoting and Preventing Distraction by Reward-Related Stimuli**

Mike Le Pelley (University of New South Wales, Sydney)  
Sunday, May 27, 11:00 am

### Organizational Behavior Management

#### **Discipline Without Punishment**

Dick Grote (Grote Consulting Corporation)  
Sunday, May 27, 4:00 pm

### Other

#### **New Perspectives on Change in Sexuality Over the Life Course**

Lisa M. Diamond (University of Utah)  
Sunday, May 27, 3:00 pm

### Philosophical, Conceptual, and Historical Issues

#### **Behavioral Interference Between Species**

Gregory F. Grether (University of California, Los Angeles)  
Saturday, May 26, 11:00 am

#### **Matter, Movement, and Mind: The Order Is Important**

J. A. Scott Kelso (Florida Atlantic University; Ulster University)  
Sunday, May 27, 5:00 pm

### Practice

#### **Angry Love and Ruthless Compassion: Repairing Attachments in Early Childhood**

Stephen P. Zvolak (LUME Institute)  
Monday, May 28, 12:00 pm

### Science

#### **Leveraging Olfaction to Study Innate Behavior in the Mouse**

Lisa Stowers (The Scripps Research Institute)  
Monday, May 28, 11:00 am

#### **The Dragons of Inaction: Psychological Barriers that Limit Pro-Environmental Behavior**

Robert Gifford (University of Victoria)  
Monday, May 28, 5:00 pm

### Teaching

#### **Behavior Analysis ABA Training in China: Issues and Challenges Through the Lens of Special Education**

Mian Wang (University of California, Santa Barbara)  
Monday, May 28, 9:00 am

### Verbal Behavior

#### **A Complex Adaptive Systems View of Language and Second Language Development**

Diane Larsen-Freeman (University of Michigan; University of Pennsylvania)  
Sunday, May 27, 12:00 pm

## Professional Development Series

The professional development series is an initiative of the ABAI Student Committee. All convention registrants are welcome to attend these events.

### **Variations in Supervision Practices: How to Best Conduct Supervision Using Different Methodologies**

PRA/TBA; Service Delivery  
Chair: Cheryl J. Davis (7 Dimensions Consulting; SupervisorABA)  
Saturday, May 26, 4:00 pm–4:50 pm  
Manchester Grand Hyatt, Seaport Ballroom B

Dana R. Reinecke (Long Island University Post; SupervisorABA)  
Breanne K. Hartley (Little Star Center)  
Valbona Demiri (Hopewell Valley Regional School District; Endicott College)

### **An Introduction to Peer Review: Insights From the ABAI Journal Editors**

TBA/EDC; Theory  
Chair: Ruth Anne Rehfeldt (Southern Illinois University)  
Saturday, May 26, 5:00 pm–5:50 pm  
Manchester Grand Hyatt, Harbor Ballroom D-F

Jonathan J. Tarbox (University of Southern California; FirstSteps for Kids)  
Mitch Fryling (California State University, Los Angeles)  
Mark R. Dixon (Southern Illinois University)

### **Establishing Conditioned Reinforcement for Reading and Writing and Incorporating Functional Writing Contingencies in the General Education Setting**

DEV/EDC; Service Delivery  
Chair: Lara Gentilini (Teachers College, Columbia University)  
Sunday, May 27, 3:00 pm–3:50 pm  
Manchester Grand Hyatt, Coronado Ballroom DE

Colleen Cumiskey Moore (Teachers College, Columbia University)  
Jennifer Weber (Teachers College, Columbia University)  
Jennifer Lee (Teachers College, Columbia University)

### **A Beginners Guide to Working Within Brain Injury Rehabilitation**

PRA/CBM; Service Delivery  
Chair: Christina M. Peters (University of Nevada, Reno)  
Monday, May 28, 10:00 am–10:50 am  
Manchester Grand Hyatt, Seaport Ballroom B

Jennifer Dangela (Rainbow Rehabilitation Centers, Inc.)  
Megan R. Heinicke (California State University, Sacramento)  
Chris M. Schaub (ReMed)

### **Interdisciplinary Collaboration in Behavior Analysis CSS/OBM; Applied Research**

Chair: Jovonnice L. Esquierdo-Leal (University of Nevada, Reno)  
Monday, May 28, 3:00 pm–3:50 pm  
Marriott Marquis, Marina Ballroom D

Ramona Hourmanfar (University of Nevada, Reno)  
Melissa Patricia Piasecki (University of Nevada, Reno)  
Laura Crosswell (University of Nevada, Reno)

### **Women in OBM**

OBM; Theory  
Chair: Kathryn M. Roose (University of Nevada, Reno)  
Monday, May 28, 3:00 pm–3:50 pm  
Marriott Marquis, Marina Ballroom F

Alicia M. Alvero (Queens College, City University of New York)  
Darnell Lattal (Context Management)  
Lori H. Ludwig (Performance Blueprints, Inc.)

### **Trouble With Technology**

PRA; Service Delivery  
Chair: Cody Morris (Western Michigan University)  
Monday, May 28, 4:00 pm–4:50 pm  
Manchester Grand Hyatt, Seaport Ballroom C

Cody Morris (Western Michigan University)  
Denice Rios (Western Michigan University)  
Rebecca Kolb (Western Michigan University)



## Business Meetings

Business meetings are held by ABAI committees, chapters, special interest groups, and others. Anyone may attend published meetings.

### ABAI Special Interest Groups

#### Applied Animal Behavior Special Interest Group

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Manchester Grand Hyatt, Seaport Ballroom B  
Chair: Kathryn L. Kalafut (Antioch College)

#### Autism Special Interest Group

Sunday, May 27, 2018: 7:00 pm–7:50 pm  
Marriott Marquis, San Diego Ballroom B  
Chair: Justin B. Leaf (Autism Partnership Foundation)

#### Behavior Analysis in the Arts

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Marriott Marquis, Presidio 1-2  
Chair: Abigail B. Calkin (Calkin Consulting Center)

#### Behavior Analysis and Technology Special Interest Group

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Manchester Grand Hyatt, Seaport Ballroom G  
Chair: Cody Morris (Western Michigan University)

#### Behavioral Development Special Interest Group

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Manchester Grand Hyatt, America's Cup A-D  
Chair: Patrice Miller (Salem State University)

#### Behavioral Gerontology Special Interest Group

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Manchester Grand Hyatt, Hillcrest B  
Chair: Claudia Drossel (Eastern Michigan University)

#### Behavioral Medicine Special Interest Group

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Manchester Grand Hyatt, Seaport Ballroom H  
Chair: Gretchen A. Dittrich (Simmons College)

#### Behaviorists for Social Responsibility

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Marriott Marquis, Marina Ballroom E  
Chair: Molli Luke (Behavior Analyst Certification Board)

#### Clinical Special Interest Group

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Manchester Grand Hyatt, Harbor Ballroom A  
Chair: Thomas J. Waltz (Eastern Michigan University)

#### Crime and Delinquency Special Interest Group

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Marriott Marquis, Marina Ballroom D  
Chair: Esther Bubba-McKinnin (St. Joseph's University; Eastern University; Elwyn)

#### Ethics and Behavior Analysis Special Interest Group

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Manchester Grand Hyatt, Seaport Ballroom C  
Chair: Shawn P. Quigley (Melmark)

#### Experimental Analysis of Human Behavior Special Interest Group

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Marriott Marquis, San Diego Ballroom C  
Chair: J. Adam Bennett (Western Michigan University)

#### History of Behavior Analysis Special Interest Group

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Manchester Grand Hyatt, Hillcrest A  
Chair: Edward K. Morris (The University of Kansas)

#### The Journal of Organizational Behavior Management and the Organizational Behavior Management Network

Saturday, May 26, 2018: 7:00 pm–8:20 pm  
Marriott Marquis, Marina Ballroom G  
Chair: Manuel A. Rodriguez (ABA Technologies, Inc.)

#### Military and Veterans Issues Special Interest Group

Sunday, May 27, 2018: 7:00 pm–7:50 pm  
Marriott Marquis, Presidio 1-2  
Chair: Abigail B. Calkin (Calkin Consulting Center)

#### Neuroscience Special Interest Group

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Manchester Grand Hyatt, Harbor Ballroom C  
Chair: Suzanne H. Mitchell (Oregon Health & Science University)

#### Positive Behavior Support Special Interest Group

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Marriott Marquis, Rancho Santa Fe 1-3  
Chair: Rose Iovannone (University of South Florida; Florida Center for Inclusive Communities)

#### Rehabilitation and Independent Living Special Interest Group

Friday, May 25, 2018: 7:00 pm–7:50 pm  
Marriott Marquis, Presidio 2  
Chair: Chris Persel (Centre for Neuro Skills)

#### Sexual Behavior: Research and Practice Special Interest Group

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Manchester Grand Hyatt, Harbor Ballroom F  
Chair: Worner Leland (Upswing Advocates)

#### Speech Pathology and Applied Behavior Analysis Special Interest Group

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Marriott Marquis, San Diego Ballroom B  
Chair: Nikia Dower (Dower and Associates, Inc.)

#### Verbal Behavior Special Interest Group

Sunday, May 27, 2018: 7:00 pm–7:50 pm  
Marriott Marquis, San Diego Ballroom A  
Chair: April N. Kisamore (Hunter College)

### ABAI Affiliated Chapters

#### Business Meeting of the Behavior Analysis Association of Mississippi

Friday, May 25, 2018: 7:00 pm–7:50 pm  
Marriott Marquis, Rancho Santa Fe 1-3  
Chair: Dannel Roberts (BAAMS; Will's Way, LLC)

#### Hawai'i Association for Behavior Analysis

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Manchester Grand Hyatt, Regatta ABC  
Chair: Kathleen Penland (Hawai'i Association for Behavior Analysis)

#### Illinois Association for Behavior Analysis

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Manchester Grand Hyatt, Coronado Ballroom DE  
Chair: Jennifer Klapatch Totsch (Illinois Association for Behavior Analysis; National Louis University)

#### Kentucky Association for Behavior Analysis

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Manchester Grand Hyatt, Mission Beach A-C  
Chair: Robert C. Pennington (University of Louisville)

#### Louisiana Behavior Analysis Association

Friday, May 25, 2018: 7:00 pm–7:50 pm  
Marriott Marquis, San Diego Ballroom A  
Chair: Derek Jacob Shanman (Nicholls State University)

#### Montana Association for Behavior Analysis

Friday, May 25, 2018: 7:00 pm–7:50 pm  
Marriott Marquis, San Diego Ballroom B  
Chair: Jackie Mohler (Montana Association for Behavior Analysis; Region IV Family Outreach)

#### Nevada Association for Behavior Analysis

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Manchester Grand Hyatt, Seaport Ballroom A  
Chair: Ashley Eden Greenwald (University of Nevada, Reno)

#### New York State Association for Behavior Analysis

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Manchester Grand Hyatt, Coronado Ballroom AB  
Chair: Dana R. Reinecke (Long Island University Post; New York State Association for Behavior Analysis)

#### Oregon Association for Behavior Analysis

Friday, May 25, 2018: 7:00 pm–7:50 pm  
Marriott Marquis, San Diego Ballroom C  
Chair: Melissa J. Gard (Building Bridges; Oregon Association for Behavior Analysis)

#### Wisconsin Association for Behavior Analysis

Friday, May 25, 2018: 7:00 pm–7:50 pm  
Marriott Marquis, Presidio 1  
Chair: Roger Frank Bass (Bass Behavioral Consulting)

### Other Business Meetings

#### ABA Professional Committee of China Association of Rehabilitation of Disabled Persons

Friday, May 25, 2018: 7:00 pm–7:50 pm  
Marriott Marquis, Torrey Pines 1  
Chair: Dorothy Xuan Zhang (The Chicago School of Professional Psychology; George Mason University; ABA Professional Committee of China Association of Rehabilitation of Disabled Persons)

#### ABAI Annual Business Meeting

Monday, May 28, 7:00 am–7:50 am  
Manchester Grand Hyatt, Cortez Hill A-C  
Chair: Michael J. Dougher (University of New Mexico)

#### ABAI Program Board Meeting

Sunday, May 27, 7:00 am–7:50 am  
Manchester Grand Hyatt, Cortez Hill A-C  
Chair: Federico Sanabria (Arizona State University)

#### Association for Science in Autism Treatment

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Marriott Marquis, Torrey Pines 1-3  
Chair: David A. Celiberti (Association for Science in Autism Treatment)

#### BHCOE Accreditation: Introduction and Application

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Marriott Marquis, San Diego Ballroom A  
Chair: Christine L. Ratcliff (Behavioral Health Center of Excellence)

#### Education and Treatment of Children Editorial Board Meeting

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Marriott Marquis, Marina Ballroom F  
Chair: Stephanie M. Peterson (Western Michigan University)

#### Journal of Applied Behavior Analysis

Sunday, May 27, 2018: 7:00 pm–7:50 pm  
Marriott Marquis, San Diego Ballroom C  
Chair: Robin K. Landa (Western New England University)

#### Journal of Behavioral Education

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Manchester Grand Hyatt, Harbor Ballroom D  
Chair: Jennifer J. McComas (University of Minnesota)

#### The Missing Operant: A Strategic Plan for Reintegrating Behavior Analysis Principles

Saturday, May 26, 2018: 7:00 pm–7:50 pm  
Manchester Grand Hyatt, Seaport Ballroom F  
Chair: Susan M. Schneider (Root Solutions)

#### Perspectives on Behavior Science

Sunday, May 27, 2018: 7:00 pm–7:50 pm  
Marriott Marquis, Marina Ballroom D  
Chair: Donald A. Hantula (Temple University)

#### Student Committee Business Meeting

Sunday, May 27, 2018: 7:00 pm–7:50 pm  
Marriott Marquis, Marina Ballroom G  
Chair: Lorraine A. Becerra (Utah State University)



**SAVE THE DATE**  
**September 29–30, 2019**  
**Stockholm, Sweden**





## Who we are...

Melmark is a multi-state human service provider with premier private special education schools, professional development, training, and research centers.

We are committed to enhancing the lives of individuals with autism, intellectual and developmental disabilities and their families by providing exceptional evidence-based and applied behavior analytic services to every individual, every day.

Melmark is different because our leadership is committed to informing all organizational practices on behavior analytic principles. Our vision is to expand and raise the quality of service delivery systems throughout the country by disseminating and replicating the Melmark Model of Program Development and Clinical Treatment.

## Working at Melmark means:

- Participation in applied research, ongoing clinical and systemic projects, professional development and scholarly contributions to the field
- Competitive Wages
- Comprehensive Benefits
- Professional Development
- Career Advancement Opportunities
- Continued Training and Education
- Local and National Conference Attendance Opportunities
- Functional Analysis Curriculum Training
- Supervision Curriculum Training
- Tuition Reimbursement
- On-Site BACB-Approved Graduate Sequence

## Join our team...

- Senior Director of Children's Services (PA)
- Special Education Teachers
- BCBA (NE)

For more, go directly to our online job postings at [www.melmark.org/careers](http://www.melmark.org/careers).

**Melmark Pennsylvania**  
2600 Wayland Road  
Berwyn, PA 19312  
[www.melmark.org](http://www.melmark.org)

**Kate I. Castellano, PA Recruiter**  
610-325-4992  
[KateCastellano@melmark.org](mailto:KateCastellano@melmark.org)

**Melmark New England**  
461 River Road  
Andover, MA 01810  
[www.melmarkne.org](http://www.melmarkne.org)

**Sarah Spanos, NE Recruiter**  
978-654-4354  
[newstaff@melmarkne.org](mailto:newstaff@melmarkne.org)

ABAI exhibitors will be located in the Grand Ballroom (Lobby Level) and Pacific Ballroom (Ground Level) of the Marriott Marquis San Diego & Marina; please stop by to learn about organizations catering to the larger ABAI community. Exhibitors will have information available about their products and services and will be ready to answer your questions.

### Exhibit Hours:

Saturday, May 26 9:00 am–3:30 pm and 7:00 pm–10:00 pm  
Sunday, May 27 9:00 am–3:30 pm and 5:30 pm–7:30 pm  
Career Fair 1:00 pm–4:00 pm  
Monday, May 28 9:00 am–3:30 pm

Career Fair will be located in the foyer of the second floor, lobby level. See the convention app for participating companies. Following are descriptions of some of the 2018 exhibitors. The inclusion of this material is not an indication of endorsement, authorization, sponsorship, or affiliation by ABAI of these organizations or their work, services, or the content of the material they present.

ABAI Convention Sponsors have been approved by the Organizational Review Committee as being aligned with ABAI's mission to contribute to the well-being of society by developing, enhancing, and supporting the growth and vitality of the science of behavior analysis through research, education, and practice.

### A Change in Trajectory Premier Exhibit Sponsor



**Booth Number: 10**  
7226 Sepulveda Blvd.  
Van Nuys, CA 91405 US  
(818) 235-1414  
[mfeldman@act-works.net](mailto:mfeldman@act-works.net)  
<http://www.act-works.net>

A Change in Trajectory (ACT) is a family-oriented agency that is committed to narrowing the developmental gap between the path of individuals with special needs and individuals with typical development. ACT provides Behavior Health Treatment and services infants, school age children, adolescents, and adults with special needs to support them to live a meaningful and independent life. Caregiver education is embedded in treatment planning.

### ABA Behavior Therapies and Testing

**Booth Number: 115**  
11665 Avena Place, Ste. 204  
San Diego, California 92128 US  
(760) 349-4200  
[mlehman@abagroup.org](mailto:mlehman@abagroup.org)  
<http://www.abagroup.org>

We are a team of master's-level clinicians operating as ABA Therapists and dedicated to providing the best possible care and treatment for individuals with extra behavioral needs. We combine the best of traditional psychological practices with natural environment focused ABA therapy to help our clients and their families grow and succeed. Assessment, testing and IEP support, and child advocacy available.

### ACES Premier Exhibit Sponsor



**Booth Number: 401 & 403**  
16782 Von Karmam Ave.  
Irvine, CA 92606 US  
(949) 560-7161  
[malinas@acesaba.com](mailto:malinas@acesaba.com)  
<http://www.acesaba.com>

ACES is dedicated to enhancing the quality of life for individuals and families impacted with autism or other special needs. We provide ABA and comprehensive, professional services to maximize individuals' potential in the home, school, and community, throughout their lives. ACES opened its doors in 1996 and helps families throughout California, Washington, Hawaii, Colorado, Arizona, Utah, and Texas.

**ACI Learning Centers Inc.****Booth Number: 705 & 706**

6394 College Blvd.  
Overland Park, KS 66211-1506 US  
(800) 345-0448  
rachel.consani@concepts.com  
http://www.acilearningcenters.com

ACI Learning Centers' six locations provide applied behavior analysis services with an emphasis on verbal behavior for individuals with autism spectrum disorder. Our staff is able to encourage and take advantage of the constantly changing motivating operation in natural situations in our huge activity rooms. Learning opportunities are designed to focus on communication, play, leisure skills, and social engagement. Through collaboration, conducting research, and excellent service, ACI strives to be the premier behavioral consulting company for our clients.

**Addison Behavioral Resources****Booth Number: 38**

3001 Mission Oaks Blvd., Unit A  
Camarillo, CA 93010 US  
(805) 383-5566  
aseacord@addisonbr.com  
http://www.addisonbr.com

Addison Behavioral Resources provides ABA services in Ventura County to individuals with developmental disabilities ranging in age from birth to 22 years, with the client's caregivers being an active part of the treatment process. While the majority of individuals we serve have been diagnosed with autism spectrum disorder, we also serve individuals with a variety of other disabilities that engage in challenging behaviors.

**Amvik Solutions****Booth Number: 201**

7840 Foothill Blvd.  
Sunland, CA 91040 US  
(805) 277-3392  
Jeff@amviksolutions.com  
http://www.amviksolutions.com

Amvik Solutions specializes in streamlining operations for ABA service providers. Amvik's experienced team can assist providers with insurance credentialing/enrolment, insurance billing and practice management. WebABA, our practice management software, allows providers to easily manage client authorizations, scheduling, billing, payroll, HR, timesheet submission, customizable reports, and so much more! Stop by our booth to consult with an experienced team member.

**Association for Behavior Analysis International****Booth Number: 1 & 2**

550 W. Centre Ave.  
Portage, MI US 49024  
(269) 492-9310  
mail@abainternational.org  
http://abainternational.org

Association for Behavior Analysis International provides many products and services to members. Drop by to learn about member benefits such as liability insurance, discounts on journals, SABA grants, professional development, Learning Centre, Career Central and more.

**Autism Centers of Michigan**  
*Premier Exhibit Sponsor***Booth Number: 15**

11363 Douglas Drive, Ste. 104  
Traverse City, MI 49696 US  
(231) 668-4909  
jo@autismcentersmi.com  
http://www.autismcentersmi.com

Autism Centers of Michigan (ACM) offers the highest quality intensive, evidence-based behavioral treatment for children with autism and related disorders. ACM provides applied behavior analysis services for children and their families in their homes and in ACM clinics and school-sponsored programs throughout Michigan. Our mission is to improve the lives of individuals and families impacted by autism.

**Autism Learning Partners**  
*Premier Exhibit Sponsor*  
*Hydration Station Sponsor***Booth Number: 5**

206 N. Jackson St, Ste. 202  
Glendale, CA 91216 US  
(808) 541-6780  
enquiries@autismlearningpartners.com  
http://www.autismlearningpartners.com

For close to 30 years, Autism Learning Partners (ALP) has served as a national leader in the field, serving as a full-service provider specializing in the treatment of autism and other developmental disabilities. Services are provided in California, Colorado, New Mexico, New York, North Carolina, Massachusetts, and Texas. ALP serves over 2800 clients annually.

**Autism Partnership Foundation****Booth Number: 707**

200 Marina Dr.  
Seal Beach, CA 90740 US  
(619) 719-1962  
jcihon@autismpartnership.com  
http://autismpartnershipfoundation.org

Autism Partnership Foundation is a nonprofit organization dedicated to expanding our understanding of effective and empirically supported treatment of autism spectrum disorder (ASD) through innovative research, improving the quality of services through national and international training and consultation, and most importantly, increasing the availability of effective treatment to children with ASD and their families.

**Ball State University****Booth Number: 405**

2000 W. University Ave.  
Muncie, IN 47306 US  
(937) 231-9870  
nprater@bsu.edu  
http://www.bsu.edu/online

Educators, psychologists, therapists, and other human service professionals looking for the skills to work with children and adults struggling with autism and other developmental disabilities should consider Ball State University's programs in applied behavior analysis and autism, offered fully online. Learn more at [www.bsu.edu/online](http://www.bsu.edu/online).

**Bay Path University****Booth Number: 600**

588 Longmeadow St.  
Longmeadow, MA 01106 US  
(413) 565-1332  
graduate@baypath.edu  
http://www.baypath.edu/

The ABA Program at Bay Path University provides graduate level instruction and supervision, preparing students to practice as scientists and clinicians in applied settings. Graduates from the program qualify to pursue credentialing and advance in a variety of professional settings. Program options include a verified course sequence through the BACB®, including advanced instruction in verbal behavior, staff training and supervision, and behavioral education systems.

**Beacon ABA Services**  
*Premier Exhibit Sponsor***Booth Number: 102 & 103**

321 Fortune Blvd.  
Milford, MA 01757-1750 US  
(508) 478-0207  
shoule@beaconservices.org  
http://www.beaconservices.org

Beacon ABA Services provides intensive behavioral instruction to children with autism using the clinical practices of applied behavior analysis (ABA). Beacon provides intensive home-based instruction, behavioral consultation, behavioral assessment, and a variety of ABA training services for early interventionists, parents, and public school staff. Beacon serves over 300 families and employs over 125 behavior educators. Beacon publishes and presents peer-reviewed research.

**Behavior Analysis Accreditation Board****Booth Number: 24**

550 West Centre Ave., Ste. 1  
Portage, MI 48924 US  
edubuque@abainternational.org  
http://baab.abainternational.org

The Behavior Analysis Accreditation Board (BAAB) is the governance body responsible for the accreditation of training programs in behavior analysis at the bachelor's, master's, and doctoral levels. The BAAB operates as a board of ABAI and carries out its responsibilities in a manner consistent with the ABAI bylaws and articles of incorporation. The accreditation process is designed to encourage, support, and recognize exemplary training of behavior scientists and scientist-practitioners in the experimental and theoretical foundations of behavior analysis and in ethical and evidence-based practice, and to promote continuous improvement.

**Behavior Analyst Certification Board**

**Booth Number: 14**  
 8051 Shaffer Pkwy.  
 Littleton, CO 80127-3762 US  
 (720) 506-5433  
 mschrader@bacb.com  
 http://bacb.com

The Behavior Analyst Certification Board is a 501(c)(3) nonprofit corporation established in 1998 to meet professional credentialing needs identified by behavior analysts, governments, and consumers of behavior analysis services.

**Behavior Care Specialists**  
*Premier Exhibit Sponsor*


**Booth Number: 4**  
 1105 W. Russell St.  
 Sioux Falls, SD 57104 US  
 (605) 271-2690  
 alisonh@behaviorcarespecialists.com  
 http://www.behaviorcarespecialists.com

Behavior Care Specialists (BCS) offers several services including consultation, diagnostics, training, intensive ABA therapy, alternative school placements, and short-term residential services. In addition, BCS provides onsite supervision and training for those interested in pursuing additional certification offered through the BACB. BCS serves children in South Dakota, Iowa, Minnesota, and Wyoming.

**Behavior Change Institute**

**Booth Number: 708**  
 4096 Piedmont Ave., Ste. 161  
 Oakland, CA 94611 US  
 (866) 273-2451  
 kkarimi@behaviorchangeinstitute.com  
 http://www.behaviorchangeinstitute.com

Behavior Change Institute is a premier provider of applied behavior analytic treatment. We specialize in utilizing advanced tele-health technology to create access and build capacity in rural and traditionally underserved communities. We are recognized for our compassionate approach to helping children and families reach their full potential.

**Behavior Development Solutions**  
*Premier Exhibit Sponsor*


**Booth Number: 104**  
 319 White Ave.  
 Middlebury, CT 06762-2734 US  
 (203) 263-0892  
 bbeaupre@behaviordevelopmentsolutions.com  
 http://www.behaviordevelopmentsolutions.com

Behavior Development Solutions provides training products, services, and tools for behavior analysts and technicians. Our data-driven CBA Learning Module Series is the premier BCBA/BCaBA exam prep resource and curriculum supplement. Our RBT Exam Prep course contributes to a deeper understanding of ABA while preparing for exam success. We also offer engaging online CE courses and a bookstore with over 150 titles tailored for professionals.

**The Behavior Exchange**

**Booth Number: 614**  
 6105 Windcom St., Ste. 400  
 Plano, TX 75093 US  
 (972) 312-8733  
 hrgeneralist@behaviorexchange.com  
 http://www.behaviorexchange.com

If your child has autism spectrum disorders, behavioral issues, or developmental delays that are keeping them from reaching their full potential, The Behavior Exchange can help. Our early-start therapy and education programs are based on intensive intervention techniques of applied behavior analysis. Treatment is personalized for every child's needs and can include one-on-one sessions, group therapy, and/or real-life training situations.

**Behavior Frontiers, LLC**

**Booth Number: 120 & 121**  
 18726 S Western Ave., Ste. 405  
 Los Angeles, CA 90248 US  
 (310) 756-1927  
 ablanc@behaviorfrontiers.com  
 http://www.behaviorfrontiers.com

Behavior Frontiers offers solutions to help children with autism and other special needs reach their potential using our state-of-the-art ABA training and treatment programs. Our training program helps professionals and parents effectively use research-based ABA methods. Our treatment program is delivered by knowledgeable and highly-trained clinical staff members using accurate, results-driven methods to improve the quality of life for children and families.

**Behavior Support Solutions**

**Booth Number: 523**  
 155 North Lake Ave., Ste. 800  
 Pasadena, CA 91101 US  
 (800) 661-3669  
 info@behaviorsupportsolutions.com  
 http://www.behaviorsupportsolutions.com

Behavior Support Solutions provides ABA therapy for individuals diagnosed with Autism Spectrum Disorders. Services are provided in home, community, and school settings, 24/7, for individuals ages 2-adulthood. Most private insurance is accepted, as well as some Medicaid plans. Services are provided in the following states: AZ, CA, DE, IN, LA, MD, MI, NV, OH, OR, WA, and Washington DC.

**Behavior University**

**Booth Number: 611**  
 848 N. Rainbow Blvd., Ste. 3177  
 Las Vegas, NV 89148 US  
 (702) 466-1161  
 info@behavioruniversity.com  
 http://www.behavioruniversity.com

Behavior University is an online training platform that provides university-quality education at an affordable price. Founded by two doctoral-level BCBAs with combined 18 years of experience in higher education, Behavior University specializes in affordable (\$99) RBT training, as well as live and on-demand CEUs for BCBAs and BCaBAs (ACE provider # OP-16-2658).

**Behavioral Health Works, Inc.**

**Booth Number: 12**  
 1301 E. Orangewood Ave.  
 Anaheim, CA 92805 US  
 (800) 249-1266  
 mzhe@bhwcares.com  
 http://www.bhwcares.com

We help individuals with autism and other developmental disabilities reach their potential by working collaboratively with families, schools, and relevant professionals. By focusing on ways in which people respond to their environment (behavior), we provide opportunities for them to learn in specific and observable ways, leading to a positive outcome (health).

**Behavioral Innovations**

**Booth Number: 202**  
 3100 Premier Dr.  
 Irving, TX 75063 US  
 (855) 782-7822  
 hr@behavioral-innovations.com  
 http://www.behavioral-innovations.com

Behavioral Innovations is committed to translating evidence-based practices for people with autism within a practical and encouraging learning environment. We are dedicated to transforming the lives of children, their families, and communities by providing the highest quality of services. Our vision is to become the #1 trusted resource by delivering the highest quality of service in the most ethically and socially way by eliminating boundaries for individuals with disabilities.

**Behavioral Intervention Certification Council**

**Booth Number: 209**  
 300 Commerce Blvd., Ste. F  
 Jerseyville, IL 62052 US  
 (914) 860-4057  
 tcook@behavioralcertification.org  
 http://www.behavioralcertification.org

The Behavioral Intervention Certification Council (BICC) administers certification exams to promote standards of professional excellence and consumer safety in autism treatment. BICC's board certified autism technician (BCAT) is the only NCCA-accredited, autism-specific, paraprofessional credential. BICC strives to make the BCAT the provider's certification of choice, offering streamlined registration with paperless eligibility documents and an employer Credentialing Manager Portal to download BCAT certificates and purchase exam fee coupon codes.

**Behavioral Technologies Consulting Organization**

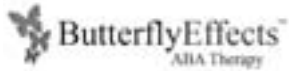
**Booth Number: 215**  
 1106 N. 155th St., Ste. B  
 Basehor, Kansas 66007 US  
 (913) 662-7071  
 christopherpowell@ibt-inc.org  
 http://www.behavioralconsult.com

The Behavioral Technologies Consulting Organization's goal is to provide needed ABA services to children with special needs and their families. We partner with many state and federal programs to make services available to rural and low-income families. We provide in-home services to teach children in the natural environment and make services as accessible as possible.

**Bierman ABA Autism Center**

**Booth Number: 612**  
 1025 E. 54th St.  
 Indianapolis, IN 46220 US  
 (317) 815-5501  
[holli@biermanaba.com](mailto:holli@biermanaba.com)  
<http://www.biermanaba.com>

We provide early intervention therapy services to children with autism in Indiana, Massachusetts, and Rhode Island. We focus on using naturalistic teaching and ongoing visual analysis to provide the most effective therapy as possible.

**Butterfly Effects**  
*Premier Exhibit Sponsor*


**Booth Number: 434**  
 500 Fairway Dr., Ste. 102  
 Deerfield Beach, FL 33441-1817 US  
 (954) 603-7885  
[Steve.woolf@butterflyeffects.com](mailto:Steve.woolf@butterflyeffects.com)  
<http://butterflyeffects.com/>

Butterfly Effect's team of behavior analysts and behavior technicians provide ABA therapy services in homes, schools, and communities for clients on the autism spectrum. Butterfly Effects operates their flagship ABA Center in New Orleans, Louisiana. Butterfly Effects creates a collaborative environment that promotes meaningful learning opportunities and experiences through individualized ABA therapy for clients and their circle of support.

**California Psychcare**

**Booth Number: 219**  
 16946 Sherman Way  
 Van Nuys, CA 91406 US  
 (818) 401-0663  
<http://www.calpsychcare.com>

California Psychcare (CPC) is a leading provider of ABA services in California since 1997. Our mission is to improve the quality of life of the clients we serve and develop our staff into better professionals. With over 20 branches, CPC is a comprehensive service provider that offers psychodiagnostic evaluations, FBAs, BHT, social skills groups, parent training, specialized individual training, school-based services, and group-home services.

**CARE, Inc.**  
*Premier Exhibit Sponsor*


**Booth Number: 303**  
 15315 Magnolia Blvd. Ste. 306  
 Sherman Oaks, CA 91403 US  
 (888) 353-8285  
[humanresources@carebehaviorservices.org](mailto:humanresources@carebehaviorservices.org)  
<http://www.CAREbehaviorservices.com>

CARE is the word we use to define our passion for helping people create new experiences and learn new skills. Our multi-disciplinary team is comprised of Board Certified Behavior Analysts (BCBA), licensed marriage and family therapists, parent educators, and physiological therapist. We are a client-centered service team committed to eliciting the best in individuals through responsive and collaborative CARE.

**Center for Autism and Related Disorders, Inc.**  
*Premier Exhibit Sponsor*  
*International Reception Sponsor*


**Booth Number: 111**  
 19019 Ventura Blvd.  
 Tarzana, CA 91356-3253 US  
 (818) 345-2345  
[infor@centerforautism.com](mailto:infor@centerforautism.com)  
<http://www.centerforautism.com>

The Center for Autism and Related Disorders (CARD) is among the world's largest and most experienced organizations effectively treating children with autism and related disorders. With U.S. and international reach, CARD touches the lives of hundreds of children and their families. Through a network of trained therapists, supervisors, and researchers we develop and implement quality, comprehensive, and personalized treatment programs that lead to success.

**Central Valley Autism Project**  
*Premier Exhibit Sponsor*


**Booth Number: 711 & 712**  
 3425 Coffee Rd., Ste. 2C  
 Modesto, CA 95355 US  
 (209) 521-4791  
[acastro@cvapinc.org](mailto:acastro@cvapinc.org)  
<http://www.cvapinc.org>

Central Valley Autism Project provides children, adolescents, teens and adults with developmental disabilities including autism, the opportunity to maximize their own potential and improve their independence, inclusion, and overall quality of life. We do this in partnership with the client's family, care provider, and educator through evidence-based assessment and treatment based on the principles of applied behavior analysis.

**CentralReach, LLC**  
*ABAI Social Sponsor*


**Booth Number: 106 & 107**  
 2745 E. Atlantic Blvd., Ste. 201  
 Pompano Beach, FL 33062-4945 US  
 (800) 939-5414  
[donna.nuriel@centralreach.com](mailto:donna.nuriel@centralreach.com)  
<http://www.centralreach.com>

CentralReach is an all-in-one practice management software package. We offer HIPAA compliant messaging, unlimited document storage, data collection, integrated payor billing, and scheduling in a single, simple design. If you haven't seen a demonstration, come to our booth and see what your colleagues and peers are using. We are moving applied behavior analysis forward in simplicity and innovation.

**Centria Healthcare**

**Booth Number: 503**  
 41521 W. 11 Mile Rd.  
 Novi, MI 48375 US  
<http://www.centriaautism.com>

Centria Healthcare is a leading provider of home-based catastrophic injury and rehabilitation care, private duty nursing, supportive living services, and is the largest provider of applied behavior analysis therapy for children with autism across the state of Michigan.

**The Chicago School of Professional Psychology**  
*Premier Exhibit Sponsor*


**Booth Number: 713**  
 325 N. Wells St., Ste. 400  
 Chicago, IL 60654 US  
 (312) 467-2530  
[eoverbeek@tcsedsystem.edu](mailto:eoverbeek@tcsedsystem.edu)  
<http://www.thechicagoschool.edu>

The Chicago School of Professional Psychology is a not-for-profit, regionally accredited institution with over 4,300 students at campuses across the country (Chicago, southern California, Washington, D.C., and online). The Chicago School has been an innovator in the field of psychology and related behavioral science since 1979. The Chicago School offers over 20 degree programs, including graduate certificate, MS, and Ph.D. programs in applied behavior analysis.

**ClinicSource Therapy Practice Management Software**  
*Premier Exhibit Sponsor*


**Booth Number: 108**  
 2124 NE 123rd St., Ste. 218  
 North Miami, FL 33181 US  
 (786) 513-1663  
[sales@clincsource.com](mailto:sales@clincsource.com)  
<http://www.clinicsource.com>

ClinicSource provides a fully-integrated online EMR and practice management system for therapy practices of any size. Thousands of therapists nationwide benefit from the easy-to-use web-based software, which empowers providers to streamline all of their scheduling, documentation, and billing.

**CodeMetro, Inc.**

**Booth Number: 12 & 101**  
 1333 S. Mayflower Ave., Ste. 350  
 Monrovia, CA 91016-5276 US  
 (877) 796-9883  
[marketing@codemetro.com](mailto:marketing@codemetro.com)  
<http://www.codemetro.com>

CodeMetro offers practice management software insurance billing, consulting services, and administrative products and services dedicated to special needs providers. Every day, clinicians and their staff rely on CodeMetro and its services to increase efficiency and profitability and reduce overhead cost. For over a decade, CodeMetro has been advancing the therapy industry, serving as a purveyor of business necessities that foster growth and therapy quality.

**Compass Behavioral & Developmental Consultants, LLC**

**Booth Number: 606**  
 2225 Bemiss Rd., Ste. D  
 Valdosta, GA 31602 US  
 (800) 832-9419  
[amilia.smith@compassaid.com](mailto:amilia.smith@compassaid.com)  
<http://www.compassaid.com>

We provide families who have children with special needs, the opportunity to improve the independence, inclusion, and overall quality of life of their child. We do this through evidence-based, pragmatic treatment, consultation, and teaching based on the principles of applied behavior analysis. We service Georgia and Florida.

**Continuum Behavioral Health****Booth Number: 305**

1651 Old Meadow Rd., Ste. 600  
McLean, VA 22102 US  
(301) 357-2419  
mrose@continuumgroup.net  
<http://www.autismspectrumalliance.com>

Our mission at Continuum Autism Spectrum Alliance is to collaborate towards discovering the best way to ensure everyone's right to meaningful participation within their community and to assist every learner in reaching their highest potential. We achieve this mission through expanding the availability to culturally sensitive services for individuals living with autism, behavioral disorders, learning differences, and other developmental disabilities through high-quality, individually programmed and designed behavioral health services.

**Data Makes the Difference****Booth Number: 205**

7 S. Main St., Ste. 205  
Wilkes Barre, PA 18707 US  
(570) 332-2285  
steve@vbmappapp.com  
<http://www.vbmappapp.com>

Data Makes the Difference, LLC and Dr. Mark Sundberg created the VB-MAPP app. The VB-MAPP app is an electronic version of the popular VB-MAPP assessment. The VB-MAPP app was designed for the psychologists, speech language pathologists and parents alike to conduct what is widely considered to be the "go to" assessment instrument for children and adolescents with developmental delays, particularly in the speech and language areas.

**DataFinch Technologies**

*Premier Exhibit Sponsor*  
*Convention App Sponsor*

**Booth Number: 7 & 8**

53 Perimeter Center E., Ste. 350  
Atlanta, GA 30346-2204 US  
(678) 819-2092  
info@datafinch.com  
<http://www.datafinch.com>

DataFinch Technologies is a software company with a mission to provide the most comprehensive and state-of-the-art technological solutions for behavior analysts working with special needs communities. Our flagship product, CATALYST, is the premier and most robust electronic data collection system available to ABA professionals. In 2017, DataFinch introduced VANTAGE, a practice management solution that streamlines billing, scheduling, payroll, and more while integrating with the Catalyst data collection platform.

**Early Autism Project****Booth Number: 9**

2580 Lin Do Court  
Sumter, SC 29150 US  
(615) 695-2276  
pambrosetti@chancelight.com  
<http://www.earlyautismproject.com>

Since 1998, Early Autism Project has been providing families and school districts throughout the United States with effective methods of treatment for children of all ages with autism and other developmental disabilities. Based in over 30 locations nationwide, our evidence-based treatment and instructional recommendations are guided by the principles of applied behavior analysis, along with the principles of Skinner's analysis of verbal behavior.

**Easterseals Bay Area**

*Premier Exhibit Sponsor*

**Booth Number: 110**

391 Taylor Blvd., Ste. 250  
Pleasant Hill, CA 94523-2288 US  
(925) 849-8992  
bruce.mattos@esba.org  
<http://www.easterseals.com/bayarea/>

Easterseals Bay Area leads the way in ensuring children and families affected by disabilities can live, learn, work, and play to their full potential. Our mission is to expand the organization's impact throughout Northern California in the lives of children with disabilities and their families.

**Easterseals Southern California****Booth Number: 500**

1570 E. 17th St.  
Santa Ana, CA 92705 US  
(714) 417-7709  
toni.vivian@essc.org  
<http://www.easterseals.com/southernca>

For nearly 100 years, Easterseals has been the indispensable resource for individuals and families facing disability by providing services that make positive differences in people's lives every day. Easterseals Southern California provides a variety of services that are designed to help people live, learn, work, and play in their communities. Join us as at [www.easterseals.com/southernca/](http://www.easterseals.com/southernca/) as we work to change the way the world defines and views disabilities so that everyone can achieve their personal goals.

**Evergreen Center**

*Premier Exhibit Sponsor*

**Booth Number: 408**

345 Fortune Blvd.  
Milford, MA 01757-1723 US  
(508) 478-2631  
jvedora@evergreenctr.org  
<http://www.evergreenctr.org>

The Evergreen Center provides day and residential treatment services for children and adolescents with developmental disabilities. The Evergreen Center emphasizes building communication, academic, self-care, and social interaction skills. Evergreen uses applied behavior analysis as the cornerstone of its instruction and relies on the best evidence-based practices available.

**The Faison Center, Inc.**

*Premier Exhibit Sponsor*

**Booth Number: 404**

1701 Byrd Avenue  
Richmond, VA 23230 US  
(804) 612-1947  
bwine@faisoncenter.org  
<https://www.faisoncenter.org>

The Faison Center gives children and adults with autism and related challenges the best opportunity to live rich, fulfilling lives. The Faison Center's unique lifespan model provides Central Virginia with its primary source of world class services for those with autism and their families. From early intervention to adult care, Faison is committed to improving the lives of the individuals we serve.

**Florida Institute of Technology****Booth Number: 710**

150 W University Blvd.  
Melbourne, FL 32901-6982 US  
(321) 674-8382  
tregan@fit.edu  
<http://cpla.fit.edu/aba/>

Do you want to assist in helping people learn new behaviors? Become a part of the solution in improving people's lives by becoming a behavior analyst. The Department of Continuing Education at Florida Tech can provide you with the necessary training conveniently and economically. We provide high quality online coursework for certification, as well as the continuing education courses needed to maintain that certification.

**Gateway Learning Group****Booth Number: 6**

36A Monterey Blvd.  
San Francisco, CA 94131 US  
(877) 264-6747  
elise@gatewaylg.com  
<http://www.gatewaylg.com>

At Gateway Learning Group we cultivate learning, language, behavior, and social skills for individuals with autism and other special needs. Using the principles of applied behavior analysis, we design and implement an individualized program for each client based on his or her needs and interests.

**Global Autism Project****Booth Number: 35**

252 3rd Ave.  
Brooklyn, NY 11215 US  
(718) 764-8225  
skillcorps@globalautismproject.org  
<http://www.globalautismproject.org>

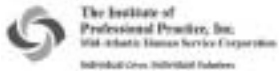
The Global Autism Project 501 (c)(3) is a nonprofit organization based in Brooklyn, NY which works to build local capacity to provide evidence-based services to individuals with autism in under-served communities worldwide. Through this systemic, sustainable training model, the Global Autism Project embraces the talent and resources of the communities served while cultivating leaders in the field of applied behavior analysis. Autism knows no border; fortunately, neither do we.

**Innovative Learning/  
College of Applied Human Services**

**Booth Number: 36**  
240 E. Highway 246, Ste. 210  
Buellton, CA 93427 US  
(805) 961-9367  
vmoellerus@gmail.com  
<http://www.coahs-edu.org>

The College of Applied Human Services offers online, on demand and tablet friendly accredited education programs. These education programs married with staff recruitment and retention solutions, training, and credentialing along with industry leading data collection and practice management tools, are all designed as solutions for maximizing outcomes for all stakeholders working in and receiving services from human service education and behavior health organizations.

**Institute for Behavioral Training**  
*Premier Exhibit Sponsor*



**Booth Number: 109**  
7297 Ronson Rd., Ste. H  
San Diego, CA 92111-1428 US  
(858) 768-2468  
training@ibehavioraltraining.com  
<http://www.ibehavioraltraining.com>

The Institute for Behavioral Training (IBT) is a one-stop training hub for people who interact with, teach, care for, and treat individuals with autism spectrum disorders. IBT was developed by a professional team of BCBAs—all with over 20 years of experience in the field. This dynamic team has worked together to create and implement diverse training programs. Our innovative course offerings meet the current and emerging needs of the community, parents, caregivers, and human service professionals across the globe.

**Intercare Therapy**

**Booth Number: 203**  
4221 Wilshire Blvd., Ste. 300  
Los Angeles, CA 90010-3512 US  
(888) 428-3223  
careers@intercaretherapy.com  
<http://www.intercaretherapy.com>

The Institute for Behavioral Training (IBT) is a one-stop training hub for people who interact with, teach, care for, and treat individuals with autism spectrum disorders. IBT was developed by a professional team of BCBAs—all with over 20 years of experience in the field. This dynamic team has worked together to create and implement diverse training programs. Our innovative course offerings meet the current and emerging needs of the community, parents, caregivers, and human service professionals across the globe.

**Invo HealthCare—Autism Home Support Services**

**Booth Number: 308**  
2701 N. Rocky Point Dr., Ste. 650  
Tampa, FL 33607 US  
(813) 549-5818  
agroves@invo-progressus.com  
<http://www.invo-progressus.com>

Autism Home Support Services is now part of Invo Healthcare! We are a leading provider of ethical, evidence-based behavior and therapy services. Our community of BCBAs, BCBA-Ds, and RBTs create measurable differences in children's overall development and long-term success. Our outcomes-focused, multi-disciplinary approach includes skill development, behavior shaping, and school consulting in home, center, community and school settings. Come grow with us!

**Judge Rotenberg Education Center**  
*Premier Exhibit Sponsor*



**Booth Number: 700**  
250 Turnpike St.  
Canton, MA 02021-2359 US  
(781) 828-2202  
m.ferns@judgerc.org  
<http://www.judgerc.org>

Judge Rotenberg Educational Center, Inc. is a special needs school. The Judge Rotenberg Center (JRC) is a special needs day, respite, and residential school located in Canton, Massachusetts licensed to service ages 5-adult. Since 1971, JRC has provided effective education and treatment to both emotionally disturbed students with conduct, behavior, emotional, and/or psychiatric problems and developmentally delayed students with autistic-like behaviors.

**Kennedy Krieger Institute**

**Booth Number: 117**  
707 North Broadway  
Baltimore, MD 21205 US  
(443) 923-2900  
girolami@kennedykrieger.org  
<http://www.kennedykrieger.org>

Kennedy Krieger Institute's Neurobehavioral Unit and Pediatric Feeding Disorders Program are recognized as leading programs in the nation for providing intensive treatment to individuals with severe behavioral disorders and feeding problems. We offer unique, integrated, interdisciplinary intervention through both outpatient and inpatient services using a data-based approach and are known for applied behavior analysis research and advanced training.

**Key Autism Services**  
*Premier Exhibit Sponsor*



**Booth Number: 116**  
475 Oberlin Ave., Ste. 6  
Lakewood, NJ 08701 US  
don.foster@keyautismservices.com  
<http://www.keyautismservices.com>

Key Autism Services is a provider of ABA services bringing about meaningful and positive change to those diagnosed with autism spectrum disorder and other special needs. Our mission is to provide these individuals with autism the opportunity to learn, socialize, and grow. Every child has great potential to become active and productive members of their families and society while leading a happy, balanced, and healthy lifestyle.

**Linke Resources**  
*Premier Exhibit Sponsor*



**Booth Number: 100**  
106 Brookhollow Drive  
Downington, PA 19335 US  
(610) 873-4813  
gplj@linkeresources.com  
<http://www.linkeresources.com>

Linke Resources is a specialty professional search and consulting firm focused on supporting organizations that provide services to individuals with behavioral health care needs, intellectual disabilities, autism, and other developmental disabilities. We conduct extensive local, regional and national talent searches for difficult-to-fill positions. Using our expertise in behavioral health, we fully vet candidates and find the right talent to meet your organization's needs.

**The Learning Tree**

**Booth Number: 502**  
101 S. Dubois St.  
Tallahassee, AL 36078 US  
(334) 252-0025  
mwilliams@learning-tree.org  
<http://www.learning-tree.org>

The Learning Tree, Inc. serves children with intellectual disabilities and autism. More than 600 children are served each year primarily from across Alabama and the southeastern region of the country. Programs include early intervention, residential, educational, and consultation services. Current program locations in Alabama are Anniston, Jacksonville, Auburn, Tallahassee, and Mobile. In 2018, Outpatient Clinics for applied behavior analysis services will open in Anniston, Birmingham, Montgomery, and Mobile.

**Maxim Healthcare**

**Booth Number: 604**  
4301 S. Pine St.  
Tacoma, WA 98409 US  
(253) 292-4354  
lestoeck@maxhealth.com  
<http://www.maximhealthcare.com/our-services/behavioral-care>

Maxim Behavioral Health provides high quality behavior analytic in home programs for children and adults as well as intensive behavior support and classroom consultation for school districts. We provide services throughout the greater Seattle area, Southern California, Sacramento, Colorado Springs, and other locations. Maxim Healthcare gives team members the clinical freedom to create truly individualized programs for a wide variety of clients.



**The May Institute, Inc.**

**Booth Number: 701**  
 41 Pacella Park Dr.  
 Randolph, MA 02368-1755 US  
 (781) 437-1280  
[k Leahy@mayinstitute.org](mailto:k Leahy@mayinstitute.org)  
<http://www.mayinstitute.org>

May Institute is a nonprofit organization providing educational, rehabilitative, and behavioral healthcare services to individuals with autism spectrum disorders and other developmental and intellectual disabilities, brain injury, and behavioral health needs.

**Measure Software**

**Booth Number: 509**  
 15373 Innovations Dr., Ste. 200  
 San Diego, CA 92128 US  
 (619) 573-3521  
[info@measure-software.com](mailto:info@measure-software.com)  
[www.measure-software.com](http://www.measure-software.com)

Measure Software is a clinical software application.

**Medical Billing Management**

**Booth Number: 406**  
 460 Boston St., Ste. 6  
 Topsfield, MA 01983 US  
 (800) 928-1315  
[george.urban@medical-billings.com](mailto:george.urban@medical-billings.com)  
<https://www.medical-billings.com/aba-billing>

For the past 28 years, Medical Billing Management has been serving the billing needs of providers throughout the US. Our team creates billing success and increased cash flow for ABA agencies through the coordination of enhanced authorization and eligibility tracking, prompt billing after client encounters, and special attention to claims denial management. We would feel privileged to serve your ABA agency!

**Melmark Inc.**

*Premier Exhibit Sponsor*



Mission First. Every Individual. Every Day.

Melmark provides services to children and adults with autism spectrum disorders in a clinically proficient environment of warmth, care, and respect. Our goal is to help everyone served have a meaningful life and attain the highest possible level of personal growth and achievement. With our students and adults, we strive to teach functional vocational skills that will lead to a lifetime of meaningful employment after they graduate from our school program. Melmark is committed to working with families and referral sources from throughout the country and the world. We offer two distinct program sites: Melmark, Berwyn, PA and Melmark New England, Andover, MA.

**Booth Number: 402**  
 2600 Wayland Rd.  
 Berwyn, PA 19312-2307 US  
 (987) 654-4300  
[jharper@melmarkne.org](mailto:jharper@melmarkne.org)  
<http://www.melmark.org>

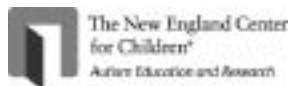
**Motivity Systems**

**Booth Number: 301**  
 4009 Black Point Rd.  
 Honolulu, HI 96816 US  
 (808) 445-1633  
[info@motivity.net](mailto:info@motivity.net)  
<http://www.motivity.net>

Experience a whole new approach to data collection! Motivity.net lets you bring your ABA programs to life, providing an unparalleled view of your team's interventions and your clients' progress. Funded with over \$5M in NIH grants, Motivity is the culmination of 3 years of intensive R&D by experienced software innovators working closely with leading ABA providers across the country—intuitive data collection, immediate insight.

**New England Center for Children**

*Premier Exhibit Sponsor*



**Booth Number: 119**  
 33 Turnpike Rd.  
 Southborough, MA 01772-2108 US  
 (508) 658-7513  
[lschnaible@necc.org](mailto:lschnaible@necc.org)  
<http://www.necc.org>

The New England Center for Children (NECC®), is the global leader in providing effective, evidence-based educational services to children with autism, relying on the science of applied behavior analysis to help children with autism reach their greatest potential. NECC is also at the forefront of conducting research to further the understanding and treatment of autism and related disabilities. Since its founding in 1975, NECC has transformed the lives of children with autism worldwide through education, research,

and technology. Through its education centers, partner classroom programs, consulting services, and state-of-the-art software system known as the Autism Curriculum Encyclopedia application, NECC serves over 3,000 children across the globe.

**New Way Day Services, Inc.**

**Booth Number: 210**  
 2500 NW 107 Ave., Ste. 200  
 Doral, FL 33172 US  
[cary.merida@newwaydayservices.org](mailto:cary.merida@newwaydayservices.org)  
<http://www.sort.systems>

Student's Objective Recommendation Tool (SORT) is a developmentally-driven goal recommendation system to be used in conjunction with The Assessment of Basic Language and Learning Skill Revised. Goals in the SORT system have been systematized using empirical studies to determine the most developmentally appropriate order to facilitate language acquisition.

**Nova Southeastern University/  
Mailman Segal Institute**

**Booth Number: 318**  
 3301 College Ave.  
 Davie, FL 33314-7721 US  
 (954) 262-7168  
[perez@nova.edu](mailto:perez@nova.edu)  
<http://www.nova.edu>

Nova Southeastern University (NSU) is the largest not-for-profit private university in Florida, with regional campuses in Fort Lauderdale-Davie (main), Fort Myers, Jacksonville, Miami, Miramar, Orlando, Palm Beach, Tampa, and San Juan, Puerto Rico, and with programs online. NSU offers numerous undergraduate, master's, and doctoral programs related to autism and applied behavior analysis. NSU also offers services to individuals with autism including a preschool and a college program. Learn more at [www.nova.edu/humandevelopment](http://www.nova.edu/humandevelopment).

**Pass the Big ABA Exam**

**Booth Number: 407**  
 11333 Moorpark St., Ste 441  
 Studio City, CA 91602 US  
 (323) 932-6184  
[info@passthebigabaexam.com](mailto:info@passthebigabaexam.com)  
<http://www.passthebigabaexam.com>

Pass the Big ABA Exam is a BCBA/BCaBA exam preparation company designed to bridge the gap between the ABA coursework and what is practically needed to pass the big exam. We offer workshops, video/audios, mock exams, and a comprehensive study manual. Our pass rate is 83% for first time test takers and 76% for exam re-takers. Our products are comprehensive, multi-modal, and effective for all types of learners.

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**Booth Number: 13**  
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 Overland Park, KS 66212 US  
 (877) 972-8434  
[lbrune@pathfinderhi.com](mailto:lbrune@pathfinderhi.com)  
<http://pathfinderhi.com/>

Pathfinder's cloud-based software suite is a clinical and practice management tool to aid therapy centers in defining and administering programs for patients with autism. With the Clinical Software System, therapists can plan, collect, graph and analyze data about a client's progress, giving them all the information they need in a single tool. Pathfinder's Practice Management solutions aid in making administrative tasks more efficient and effective with one-click electronic claims submission, billing, and scheduling functions designed to make sure you get paid for your hard work. Pathfinder's comprehensive solution takes care of the paperwork so that you can take care of the people-work!

**Patrick McGreevy, Ph.D., P.A. and Associates**

**Booth Number: 206**  
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 Orlando, FL 32814 US  
 (407) 415-5241  
[pmcg@me.com](mailto:pmcg@me.com)  
<http://essentialforliving.com>

We distribute Essential for Living, a functional skills curriculum, assessment, and professional practitioners' handbook for use with children and adults with moderate to severe disabilities. This instrument is based on B. F. Skinner's *Analysis of Verbal Behavior*.



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VirtualClinicPro and PortiaPro is a data collection and learning management software portfolio for behavior analysts, clinics and school districts. Designed by behavior analysts, session data is captured on a mobile device (iPod, iPad, Android tablet). VirtualClinicPro is a turnkey solution: You can completely customize it around existing practices or something in between. The product provides fully customizable forms, programming, and curriculum—complete with full teaching procedures, individual and group sessions, team meetings, and more! Record prompt levels, task analysis, ABC data, activities, attendees, and so on. It can manage various permission access levels and allows integration with your Box.com account for HIPAA compliant document storage and sharing. Our Restful API can talk to your third-party insurance billing provider.

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**Booth Number: 3**  
50 Steacie Dr.  
Kanata, ON K2K 2A9 Canada  
(855) 297-6431  
info@portiainternational.com  
http://www.portiainternational.com

**Booth Number: 400**  
4575 SE Dixie Hwy  
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npostma@teampbs.com  
https://www.teampbs.com/

Positive Behavior Supports Corporation (PBS Corp.) is the premier provider in delivering in-home ABA services. Our staff works in dynamic family environments to develop behavior programs in real world settings that focus on improving quality of life. PBS Corp. provides a great team of leaders, peers, and direct support staff, along with many opportunities for professional growth, as our employees are encouraged and supported in achieving their career goals.

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At Principal Financial Group, we partner with business owners to plan for their future. We provide services that help owners ensure the continuation of their business, create an exit strategy, and implement plans to recruit and retain top talent. Additionally, we offer complimentary informal business valuations and buy-sell agreement reviews to help owners throughout our planning process.

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El Segundo, CA 90245 US  
(424) 212-9009  
info@behaviorfrontiers.com

Prioracare is an online training program that offers instructions on assessment, data collection, reporting, human resource management, scheduling, time tracking, billing, network management, and related management for educational institutions, organizations, and individuals providing behavioral services.

#### **Professional Crisis Management Association, Inc.**

**Booth Number: 501**  
10269 NW 46th St.  
Sunrise, FL 33351-7963 US  
(954) 746-0165  
pcma@pcma.com  
http://www.pcma.com

Professional Crisis Management (PCM) is a behavioral crisis management system used with children and adults who exhibit disruptive, aggressive, and self-injurious behaviors. PCM is prevention oriented and includes a complete system of physical intervention procedures based on active feedback and learning. The Professional Crisis Management Association has provided expert training, certification, and consultation to education and human service professionals worldwide for over a quarter century.

#### **Proud Moments ABA**

**Booth Number: 507**  
1449 37th St., Ste. 218  
Brooklyn, NY 11218 US  
(718) 215-5311  
info@proudmomentsaba.com  
http://www.proudmomentsaba.com

Proud Moments is a growing behavioral health agency offering ABA services for children diagnosed with Autism Spectrum Disorder (ASD). We currently service NYC, Long Island, New Jersey, Syracuse, and the DC/Maryland area. We offer expert treatment, innovative techniques, and compassionate client-centered care. Looking for BCBAs and RBTs to design individualized treatment programs to improve social functional communication and adaptive learning skills.

#### **The Qualified Applied Behavior Analysis Credentialing Board**

**Booth Number: 207**  
7545 Irvine Center Dr., Ste. 200  
Irvine, CA 92618 US  
(877) 220-1839  
bgarcia@qababoard.com  
http://www.qababoard.com

The Qualified Applied Behavior Analysis (QABA®) Credentialing Board® was established to meet the needs of individuals providing behavior health treatment. The QABA Credentialing Board® oversees the Applied Behavior Analysis Technician® (ABAT®) certification examination for entry level behavior technicians, which is accredited through the American National Standards Institute. The QABA Credentialing Board® offers a mid-level supervisor known as the Qualified Autism Services Practitioner® (QASP-S®) certification examination.

#### **Quality Behavior Solutions, Inc.**

**Booth Number: 521**  
49 Plains St., Ste. 200  
North Attleboro, MA 02780 US  
(508) 630-6369  
pprudennox@qbscompanies.com  
http://www.qbscompanies.com

Quality Behavior Solutions, Inc. (QBS)—a leading national behavioral training company—offers Safety-Care™ Behavioral Safety Training. Much more than the typical “crisis prevention course,” Safety-Care is founded upon the principles and procedures of applied behavior analysis and positive behavioral interventions and supports. QBS trains staff in evidence-based practices toward the prevention, minimization, and management of behavioral challenges. QBS offers a variety of other behaviorally based training and consulting.

#### **Raintree Systems, Inc.**

**Booth Number: 508**  
27307 Via Industria  
Temecula, CA 92590 US  
(951) 252-9400  
dwelty@raintreeinc.com  
http://www.raintreeinc.com

PediatricTherapy Plus by Raintree Systems is designed from the ground up to help manage the complexity of a modern pediatric PT, OT, SP, Audiology and ABA clinics by reducing redundancies, streamlining workflows and automating processes. This helps practices unlock the value of their business to improve cash flow, reduce write-offs, improve efficiency, and provide elevated levels of patient care.

#### **RCS Learning Center**

**Booth Number: 607**  
6 Strathmore Rd.  
Natick, MA 01760-2419 US  
(508) 650-5940  
info@rcslearning.org  
http://www.rcslearning.org

RCS Learning Center, an affiliate of RCS Behavioral & Educational Consulting, is a private special education school located in Natick, MA. RCS provides the highest quality of individualized behavioral and educational services for children with autism spectrum disorders. Interventions utilized are based in the science of applied behavior analysis, with an emphasis on the verbal behavior approach to teaching communication skills.

**Relias Learning**

**Booth Number: 608**  
 111 Corning Rd.  
 Cary, NC 27518 US  
 (919) 655-1800  
<http://reliaslearning.com>

Relias Learning offers online training to post-acute care, health and human services, autism and applied behavior analysis, public safety, payers, and intellectual and developmental disabilities organizations. It's our mission to measurably improve the lives of the most vulnerable members of society and those who care for them.

**Richtech Systems, Ltd.**

**Booth Number: 505**  
 4th Floor, No. 99. Zhongshan North Rd.  
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 +86-025-83710076  
[michael@richtech.org](mailto:michael@richtech.org)  
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Richtech is committed to providing customers with innovative multi-media experiences since 2007. We have provided our products and services to more than 120 countries and regions. Our products have been applied to many fields such as museums, exhibitions, education and more.

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 (626) 943-7772  
[psanchez@seekeducation.org](mailto:psanchez@seekeducation.org)  
<http://www.seekeducation.org>

SEEK Education Inc., is a 501(c) organization that is comprised of dedicated and experienced members who are committed to providing quality behavior analytic services to families and Individuals with autism and other developmental disabilities. We develop and implement programs guided by the principles and practice of applied behavior analysis to produce learning environments with documented effectiveness and results.

**The Shape of Behavior**

**Booth Number: 504**  
 12941 North Freeway, Ste. 750  
 Houston, TX 77060 US  
 (832) 358-2655  
[events@shapeofbehavior.com](mailto:events@shapeofbehavior.com)  
<http://www.shapeofbehavior.com/>

The Shape of Behavior is a center-based ABA therapy clinic for individuals with autism and other developmental disabilities. The Shape of Behavior is committed to behavior analytic evidence-based treatment, training, and research.

**Simmons College Behavior Analysis Dept.**

**Booth Number: 603**  
 300 The Fenway  
 Boston, MA 02115 US  
 (617) 521-2915  
[gsa@simmons.edu](mailto:gsa@simmons.edu)  
<http://www.simmons.edu/programs/gradstudies>

At Simmons College, our behavior analysis programs prepare students for leadership roles in the implementation, evaluation, and administration of applied behavior analysis principles and methods. Our innovative curriculum emphasizes contemporary research and the fusion of behavior analysis with other scientific fields. We offer on-campus MS, Ed.S., and Ph.D. degree programs, as well as an online MS degree.

**Stages Learning Materials**

**Booth Number: 217**  
 P.O. Box 1770  
 Pacific Palisades, CA 90272 US  
 (530) 892-1112  
[patty@stageslearning.com](mailto:patty@stageslearning.com)  
<http://www.stageslearning.com>

Angela Nelson, a University of California, Los Angeles trained ABA therapist, founded Stages Learning in 1997 when autism diagnoses first began to rise. Our top-selling autism education product, the Language Builder Picture Cards, was designed to specifically meet the learning needs of children with autism. The research-based Language Builder Series has become a staple in home and school programs around the world and Stages Learning is now the premier developer of learning tools for children with autism.

**STAR of CA**  
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**Booth Number: 122**  
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[sjohnson@starofca.com](mailto:sjohnson@starofca.com)  
<http://www.starofca.com>

STAR provides state of the art ABA services for children with autism spectrum disorders and their families. STAR provides parent education to families. STAR also provides staff with supervised experience to meet the requirements of obtaining certification.

**Sunny Days of California**

**Booth Number: 302**  
 11590 W. Bernardo Ct., Ste 100  
 San Diego, CA 92127 US  
 (858) 432-4749  
[slanagan@sunnydays.com](mailto:slanagan@sunnydays.com)  
<http://www.sunnydays.com>

Sunny Days is a nationwide provider of early intervention services and home-based behavior therapy for children ages 2–18. Our services, including physical therapy, occupational therapy, speech therapy, and behavior therapy, are provided in children's homes and community locations. Our ABA teams work with parents and children with the goal of teaching and supporting the family. We are seeking ABA therapists interested in a team approach!

**Therapy and Beyond**

**Booth Number: 615**  
 2020 E. Hebron Pkwy, Ste. 100  
 Carrollton, TX 75007 US  
 (817) 209-8989  
[michelle.doan@myteachme.com](mailto:michelle.doan@myteachme.com)  
<http://www.therapyandbeyond.com>

Therapy and Beyond provides intensive, 1:1 ABA and speech therapy for individuals with autism and other developmental disabilities both in-home and in-clinic. Our individualized programs encourage family involvement and are designed on the principles of applied behavior analysis and Skinner's analysis of verbal behavior to focus on major areas of development including behavior, language, social, academic, and self-help.

**Thread Learning**

**Booth Number: 409**  
 620 8th Ave., 38th Floor  
 New York, NY 10018 US  
 (703) 597-2542  
[founders@threadlearning.com](mailto:founders@threadlearning.com)  
<http://www.threadlearning.com>

Thread Learning is an innovative data collection, analysis, and coordinated care platform for educators, behavior analysts, and administrators. Thread saves time and money, while allowing educators to involve parents and drastically improve education for students! Thread Learning is powerfully built for the classroom setting, but simple to use for instructors of all skill levels. Try our free (or premium) app today!

**Trumpet Behavioral Health**

**Booth Number: 314**  
 390 Union Blvd., Ste. 300  
 Lakewood, CO 80228 US  
 (720) 466-8526  
[lcaicedo@tbh.com](mailto:lcaicedo@tbh.com)  
<http://www.tbh.com>

Thread Learning is an innovative data collection, analysis, and coordinated care platform for educators, behavior analysts, and administrators. Thread saves time and money, while allowing educators to involve parents and drastically improve education for students! Thread Learning is powerfully built for the classroom setting, but simple to use for instructors of all skill levels. Try our free (or premium) app today!

**University of New Brunswick/  
College of Extended Learning**

**Booth Number: 703**  
 6 Duffie Drive  
 Fredericton, NB E3B 5A3 Canada  
 (506) 458-7843  
[fjutras@unb.ca](mailto:fjutras@unb.ca)  
<http://www.unb.ca/cel/intervention/>

Established in 1785, University of New Brunswick (UNB) is one of the oldest public universities in North America and has about 11,500 full- and part-time students from more than 100 countries. UNB's College of Extended Learning has provided the Autism and Behaviour Intervention Training Program to over 1000 clinical supervisors, consultants, educational assistants, and autism support workers in the province of New Brunswick, Saskatchewan and in France. UNB continues to grow its offerings in autism and behaviour intervention with research and support.

**University of West Florida**

**Booth Number: 513**  
 11000 University Pkwy.  
 Pensacola, FL 32514-5732 US  
 (850) 474-2704  
 aba@uwf.edu  
 http://uwf.edu/aba

The Office of Applied Behavior Analysis at University of West Florida provides BACB-approved online coursework for BCBA certification. We also offer a completely online master's degree in exceptional student education, which includes all BACB coursework. For those already certified, we offer mobile-friendly CEUs.

**University of Southern California**  
*Premier Exhibit Sponsor*


**Booth Number: 118**  
 3620 S. McClintock Ave.  
 Los Angeles, CA 90089 US  
 (231) 821-9729  
 jtarbox@usc.edu  
 https://dornsife.usc.edu/aba/

The mission of the University of Southern California Master of Science in Applied Behavior Analysis Program is to train students to become scientist-practitioners who are leaders in providing treatment that improves the quality of life for individuals with autism and other populations benefiting from behavioral services. The program is approved by the BACB™ and is based on classic behavioral knowledge, as well as cutting edge research.

**Verbal Behavior Associates**

**Booth Number: 602**  
 15373 Innovation Dr., Ste. 200  
 San Diego, CA 92128 US  
 (858) 699-7579  
 admin@vbasandiego.com  
 http://www.vbasandiego.com

We are a company that provides high-quality ABA programs to children, improving language skills to become more independent. Our practice is grounded in the latest science, and our staff are well trained and supervised to provide the most effective intervention available and in a caring way.

**weCentral**

**Booth Number: 619**  
 12485 SW 137th Ave., Ste. 301  
 Miami, FL 33186 US  
 (305) 846-9711  
 humanresources@world-evolve.com  
 http://wecentral.co

Created by behavior analysts to help train, consult, and coach the leaders of today and tomorrow to improve their organizational performance. We are your company's personal administration department. And we do this work because we enjoy making your job easier and supporting your organization. We will help you achieve your mission.

**wePortal**

**Booth Number: 320**  
 218 SE 14th St., Ste. 2005  
 Miami, FL 33131 US  
 (305) 216-8630  
 info@weportal.co  
 http://www.weportal.co

wePortal is a company that develops data management software to improve the efficiency of applied behavior analysis (ABA) and behavioral businesses. Our practice management software allows ABA practices to complete administrative work such as scheduling, billing, credentialing, and clinical processes such as graphing and data collection using our new mobile app.

**World Evolve Therapy**

**Booth Number: 306**  
 P.O. Box 667540  
 Miami, FL 33166 US  
 (888) 501-8540  
 resume@world-evolve.com  
 http://www.world-evolve.com

World Evolve Therapy provides cutting edge ABA services. We offer center-based and community-based services across south Florida. Our services include ABA therapy, social skills groups, school readiness preparation, tutoring, early literacy training, and parent and professionals training. Our clinical team is composed of energetic and enthusiastic individuals who are passionate and dedicated to applied behavior analysis.

**Xcelerate Innovations**  
*Premier Exhibit Sponsor*


**Booth Number: 312**  
 29168 E River Road  
 Perrysburg, OH 43551 US  
 (216) 536-8903  
 james@xcelerateinnovations.com  
 http://www.xcelerateinnovations.com

Xcelerate Innovations develops advanced mobile technological solutions that support behavioral science in various applied settings for individual trainers, private, public, and academic systems. We provide expert consultation with integrity, persistence, and tenacity from concept to delivery.

**Xcite Steps**

**Booth Number: 702**  
 3978 Sorrento Valley Rd., Ste. 100  
 San Diego, CA 92121 US  
 (858) 428-0222  
 http://www.xcitesteps.com

Xcite Steps offers individualized and naturalistic programs using empirically based techniques and theoretical practices for children, teens, and adults on the autism spectrum and with other developmental disabilities. We offer a variety of ABA and social skills group services to build strengths and maximize successes through in-home, school, community, and peer-to-peer programs set in the most naturalistic settings to promote generalization and independence.

**Zenith Centers for Autism and ADHD**  
*Premier Exhibit Sponsor*


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 Boca Raton, FL 33432 US  
 (786) 230-6591  
 DrMCheour@Zenithpsych.com  
 http://www.Zenithpsych.com

Zenith Centers for autism and ADHD is a multidisciplinary group specializing in diagnosing, and treating people with ASD, ADHD, Down syndrome, and more. Our team of professional BCBAs, BCaBAs, psychologists, occupational therapists, physiotherapists, speech therapists, and MDs offer services in south Florida. We are currently hiring new BCBAs and clinical directors and offer highly competitive salary, full benefits, and moving assistance. Our BACA students get free supervision.

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Society for the Quantitative Analyses of Behavior  
41st Annual Meeting, May 24–25, 2018  
Manchester Grand Hyatt San Diego, California

Thursday, May 24

11:00 am–12:45 pm Registration

12:45 pm **Lewis Bizo (University of New England)**  
*President's Introduction*

#### Comparative and Quantitative Analyses of Behavior

1:00 pm **Peter R. Killeen (Arizona State University)**  
*Neuroenergetics*

1:40 pm **Michael E. Young (Kansas State University)**  
*The Need for Research on the Relationship Between Degrees of Behavior and Degrees of Reinforcement*

2:20 pm–2:35 pm Break and refreshments

2:35 pm **Angela Langdon (Princeton University)**  
*Reward Predictions and Dopamine: What Is the Computation?*

3:15 pm **Fabian A. Soto (Florida International University)**  
*Beyond the "Conceptual Nervous System": Promises and Pitfalls of Computational Cognitive Neuroscience*

3:55 pm–4:10 pm Break and refreshments

4:10 pm **John T. Wixted (University of California, San Diego)**  
*A Likelihood Ratio Model of Recognition Memory in the Real World*

4:50 pm **Alexandra G. Rosati (University of Michigan)**  
*Evolutionary Economics: Value-Based Decision-Making in Humans and Other Primates*

7:00 pm–9:30 pm First poster session and cash bar

Friday, May 25

7:45 am–9:00 am Registration, coffee, and pastries

9:00 am **David N. Kearns (American University)**  
*Behavioral Economics and Drug Self-Administration*

9:40 am **Alicia Izquierdo (University of California, Los Angeles)**  
*Working for the Better Option: Neural Mediators of Effortful Choice Behavior*

10:20 am–10:40 am Break and refreshments

10:40 am **David P. Jarmolowicz (The University of Kansas)**  
*On the Behavioral Economics of Medication Choice*

11:20 am **Matthew W. Johnson (Johns Hopkins University School of Medicine)**  
*Behavioral Processes Underlying Sexual Risk Behavior: The Importance of Domain Specificity in Clinically Relevant Discounting Research*

12:00 pm–1:30 pm Lunch

1:30 pm **Ruth M. Colwill (Brown University)**  
*Stimulus Learning in Zebrafish*

2:10 pm **Abraham A. Palmer (University of California, San Diego)**  
*Rats! Quantitative Behavioral Genetics*

2:50 pm–3:10 pm Break and refreshments

3:10 pm **Brian K. Martens (Syracuse University)**  
*Modeling the Dynamics of Choice with the Generalized Matching Equation*

3:50 pm Invited Student Presentations

4:30 pm Awards and Closing Remarks

4:35 pm Business meeting

7:00 pm–9:30 pm Second poster session and cash bar

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Saturday, May 26: Hyatt Regency, Centennial Ballroom D



#### Invited Preeminent Tutorials: From Basics to Contemporary Paradigms

10:00 am **Dermot Barnes-Holmes (Ghent University); chaired by Michael J. Dougher**  
*Relational Frame Theory: Past, Present, and Future*

11:00 am *Contextual Behaviorism: A Panel With Discussion*  
**Caio Miguel (California State University)**  
**Ruth Anne Rehfeldt (Southern Illinois University)**  
**Jonathan Tarbox (University of Southern California)**  
**Chaired by Yvonne Barnes-Holmes**

12:00 pm **Shawn P. Gilroy (National University of Ireland, Galway); chaired by Donald A. Hantula**  
*Open-Sourcing Behavior Analysis: Technology for Enhancing Research and Practice*

3:00 pm **Elizabeth G. E. Kyonka (University of New England); chaired by Adam E. Fox**  
*Selection by Scientific Consequences in the Ecology of Behavior Analysis*

4:00 am **Steve R. Hursh (Institutes for Behavior Resources, Inc.; Johns Hopkins University School of Medicine); chaired by Derek D. Reed**  
*Behavioral Economics and Public Policy*

5:00 pm *Behavioral Economics and Public Policy: A Panel with Discussion*  
**Mikhail Koffarnus (Virginia Tech Carilion Research Institute)**  
**Suzanne Mitchell (Oregon Health & Science University)**  
**Bethany Raiff (Rowan University)**  
**Chaired by Matthew Johnson**

More information: <http://sqab.org>; Program Chair Chris Podlesnik at [cpodlesnik@fit.edu](mailto:cpodlesnik@fit.edu) or Tutorial Coordinator Todd McKechar at [tmckechar@jsu.edu](mailto:tmckechar@jsu.edu)

SQAB was founded in 1978 by M. L. Commons and J. A. Nevin to present symposia and publish material that bring a quantitative analysis to bear on the understanding of behavior. SQAB proceedings focus on the development and use of mathematical formulations to characterize one or more dimensions of an obtained data set, derive predictions to be compared with data, and generate novel data analyses.

Membership is \$20 and includes one month of free electronic access to the Special Issue of Behavioural Processes, containing the proceedings of last year's SQAB meeting, beginning on the date of our conference. Note that there is a substantial discount for members. Prior to May 1, take advantage of reduced registration rates using the online payment options at <http://www.sqab.org/conference-registration.html>.

SQAB Invited Preeminent Tutorials are recorded and made available on iTunes and YouTube: [youtube.com/c/SocietyfortheQuantitativeAnalysesofBehavior](http://youtube.com/c/SocietyfortheQuantitativeAnalysesofBehavior).



# Behavior Analysis

MS, EdS, PhD



Dr. Ronald Allen, PhD, BCBA-D™

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### Faculty Research Interests

Dr. Ronald Allen.....	Experimental Analysis of Behavior
Dr. Judah Axe.....	Verbal Behavior
Dr. Phillip Chase.....	Organizational Behavior Management
Dr. Gretchen Dittrich....	Behavioral Medicine
Dr. R.W. Maguire.....	Stimulus Equivalence
Dr. Noelle Neault.....	Online Instruction and Ethics

To learn more, contact the Office of Graduate Studies Admission at 617-521-2915 or [gsa@simmons.edu](mailto:gsa@simmons.edu), or visit us on the web at [simmons.edu/academics/graduate-programs](http://simmons.edu/academics/graduate-programs).

# SIMMONS

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Michele Wallace and Roy Mayer

### ***Principles of ABA for Behavior Technicians and Other Practitioners***

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### ***The Training Curriculum for Supervisors of Behavior Technicians in Autism Programs***

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**Saturday from 1:00 to 3:00 at the Poster Session**

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Charlie Catania  
*The ABCs of Applied Behavior Analysis: An Introduction to Learning and Behavior*

Hank Pennypacker and Rob Holdsambeck  
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*Behavioral Services for Individuals with Intellectual Disabilities*

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James Johnston  
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[www.sloanpublishing.com/aba](http://www.sloanpublishing.com/aba)

**SAN  
DIEGO** 2018

**THURSDAY**  
MAY 24

**Manchester Grand Hyatt San Diego; Thursday, May 24**

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**Manchester Grand Hyatt San Diego; Thursday, May 24**

3 pm		4 pm		5 pm		6 pm		7 pm		8 pm		9 pm		10 pm		11 pm		Room							
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		<b>Workshops #1–35</b> Workshops will be assigned to rooms in May. Please check the online program at <a href="http://www.abainternational.org/events/annual/workshops">www.abainternational.org/events/annual/workshops</a> to find the exact location for your workshop of choice.																Coronado AB	Fourth Level						
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																		Cortez Hill A-C	Third Level						
																		Bankers Hill							
																		Ocean Beach							
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Marriott Marquis San Diego & Marina; Thursday, May 24

	Room	6 am		7 am		8 am		9 am		10 am		11 am		12 pm		1 pm		2 pm	
		:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30
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	Marina Ballroom E																		
	Marina Ballroom F																		
	Marina Ballroom G																		
	Del Mar																		
Second Floor Lobby Level	San Diego Ballroom A																		
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	San Diego Ballroom C																		
	Presidio 1																		
	Presidio 2																		
	Torrey Pines 1-3																		
	Rancho Santa Fe 1-3																		
	Grand Ballroom Pre-Function													Registration					
	Grand Ballroom 1-6																		
	Grand Ballroom 7-9																		
	Grand Ballroom 7-13																		
	Grand Ballroom 10-13																		
First Floor	Pacific Ballroom 14-26													Bookstore					

Marriott Marquis San Diego & Marina; Thursday, May 24

	Room	3 pm		4 pm		5 pm		6 pm		7 pm		8 pm		9 pm		10 pm		11 pm	
		:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30
South Tower Level 3	Marina Ballroom D																		
	Marina Ballroom E																		
	Marina Ballroom F																		
	Marina Ballroom G																		
	Del Mar	Workshops #1–35: Workshops will be assigned to rooms in May.																	
Second Floor Lobby Level	San Diego Ballroom A																		
	San Diego Ballroom B																		
	San Diego Ballroom C																		
	Presidio 1	Workshops #1–35 Workshops will be assigned to rooms in May. Please check the online program at <a href="http://www.abainternational.org/events/annual/workshops">www.abainternational.org/events/annual/workshops</a> to find the exact location for your workshop of choice.																	
	Presidio 2																		
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	Grand Ballroom Pre-Function	Registration																	
	Grand Ballroom 1-6																		
	Grand Ballroom 7-9																		
	Grand Ballroom 7-13																		
	Grand Ballroom 10-13																		
First Floor	Pacific Ballroom 14-26	Bookstore																	

LEGEND

= ABAI Services

## Career Opportunities at The Behavior Exchange

**Come join our team  
and make a difference!**



At **The Behavior Exchange**, we have nearly two decades of **ABA Therapy** experience and have helped hundreds of children and their families. We pride ourselves in providing excellent service to our clients. We hire only the best, most prepared and friendliest staff to ensure children reach their full potential.

We strive to provide a fun, bright, colorful, and welcoming center for children and staff.

### WE OFFER COMPETITIVE BENEFITS FOR ELIGIBLE EMPLOYEES:

- PAID TIME OFF
- PAID HOLIDAYS
- SIGN-ON BONUS\*
- 401K & PROFIT SHARING
- MEDICAL, DENTAL AND VISION INSURANCE
- TRAINING AND SUPERVISION
- LEADERSHIP DEVELOPMENT
- TUITION REIMBURSEMENT
- PAID CONFERENCE DAYS & REGISTRATION (TXABA)
- CEU ALLOWANCE

*plus* **\$10,000\*** sign-on bonus for BCBAs

\* Restrictions apply.

So, join our amazing team in one of the fastest growing regions in the country (DFW) and in one of the fastest growing industries. If you love helping families, are a positive and hardworking person, we want you!  
**Be What You Can Be With Us!**

**WE ARE CURRENTLY LOOKING FOR:  
BCBAs, BCaBAs, Behavior Therapists**



Visit our Careers page: **behaviorexchange.com**  
and apply online today!



Call us: **972.312.8733**



Two Locations in Texas: **Plano | Frisco**



**The  
Behavior  
Exchange**

*What could be, can be.*

#### Workshop #1

CE: BACB

4:00 pm–7:00 pm  
AUT  
CE Instructor: Joseph Novak, Ed.D.

**Assessment and Intervention Strategies for Individuals With Autism Who Use Augmentative Alternative Communication**  
JOSEPH NOVAK (REED Academy; Advanced Behavior; Communication Solutions, LLC)

**Audience:** The target audience consists of BCBAs who may only have entry-level competence in the area of augmentative and alternative communication. Because collaboration with SLPs may not always be possible, it is important that BCBAs have a more thorough understanding of assessment and intervention strategies for individuals with autism who use AAC.

**Level:** Intermediate

#### Workshop #2

CE: BACB

4:00 pm–7:00 pm  
AUT  
CE Instructor: Laura Grant, M.A.

**Beyond Picture Cards: A Systematic Approach to Multiple Exemplar Training With Visual Stimuli When Teaching LRs, Tacts, and Matching Skills to Children With Autism and Other Developmental Disabilities**  
COURTNEY AGARWAL, LAURA GRANT, and CHRISTINA BAROSKY (Bierman ABA Autism Center)

**Audience:** BCBAs, BCaBAs, and other individuals responsible for designing instruction for children with autism and other developmental disabilities

**Level:** Intermediate

#### Workshop #3

CE: BACB/NASP

4:00 pm–7:00 pm  
AUT  
CE Instructor: Monica A. Fyfe, M.S.

**The Art of Social Skills Groups: An Integrative Approach Utilizing Both Indirect Methods of Peer Mediation Instruction and Intervention and Direct Methods of Behavior Skills Training**  
MONICA A. FYFE (Our Village, A Social Learning Community)

**Audience:** Basic Level including but not limited to BCaBA, BCBA, School Psychologists, Therapists, Psychologists, Special Education Teachers

**Level:** Basic

#### Workshop #4

CE: PSY/BACB

4:00 pm–7:00 pm  
AUT  
CE Instructor: Rebecca P. F. MacDonald, Ph.D.

**Establishing Social Repertoires in Toddlers With Autism: The Nuts and Bolts of Teaching**  
REBECCA P. F. MACDONALD and PAMELA NICHOLE PETERSON (New England Center for Children) and CAROLYN WALKER and BRIANNA RACHEL HOLOHAN (Behavioral Health Works)

**Audience:** Intermediate

**Level:** Intermediate

#### Workshop #5

CE: BACB

4:00 pm–7:00 pm  
AUT  
CE Instructor: Jill E. McGrath Maher, M.A.

**Teaching Staff to Teach Social Skills Groups for Learners With Autism Spectrum Disorder**  
JILL E. MCGRATH MAHER (Behavioral Concepts, Inc.), IAN MELTON and BRITANY MELTON (Endicott College), and COURTNEY MAHER (Michigan State University)

**Audience:** Administrators, BCBAs, Teachers, SLP's

**Level:** Intermediate

#### Workshop #6

CE: BACB

4:00 pm–7:00 pm  
AUT  
CE Instructor: Robert Schramm, M.A.

**Motivating Learner Participation: An Alternative to Traditional Escape Extinction Methods With The 7 Steps to Instructional Control**  
ROBERT SCHRAMM (Knospe-ABA GmbH; Meridian Rehabilitation Consulting, Inc.)

**Audience:** This workshop would be useful for anyone (BCBAs, BCaBAs, RBTs) currently providing or receiving ABA programming that includes a heavy reliance on escape extinction and might work in environments that this is not preferred, possible or successful currently.

**Level:** Intermediate

#### Workshop #7

CE: PSY/BACB

4:00 pm–7:00 pm  
AUT  
CE Instructor: Jessica R. Everett, Ph.D.

**Parent Training: Evidence-Based Group Intervention for Parents of Children With Autism Spectrum Disorders**  
JESSICA R. EVERETT and BARBARA O'MALLEY CANNON (Melmark New England)

**Audience:** Individuals working with parents in home, school, or clinic-based settings such as psychologists, special education teachers, or behavior analysts. Behavioral analysts working with families funded through insurance-based services who are conducting group-based parent training.

**Level:** Intermediate

#### Workshop #8

CE: BACB

4:00 pm–7:00 pm  
AUT  
CE Instructor: Jennifer Yakos, M.A.

**Now You're Talking: Teaching Simple and Complex Conversation Skills to Individuals With Autism Spectrum Disorder**  
JENNIFER YAKOS and CECILIA KNIGHT (Institute for Behavioral Training)

**Audience:** This workshop is appropriate for BCBAs, BCaBAs, educators, speech and language pathologists, therapists, or other professionals who work with individuals diagnosed with autism

Thursday, May 24

spectrum disorder (ASD), particularly in the areas of social skills, advanced communication skills, and social integration with others in schools and community settings.

**Level:** Intermediate

#### Workshop #9 CE: PSY/BACB; Ethics

4:00 pm–7:00 pm

AUT

CE Instructor: David A. Celiberti, Ph.D.

#### Standing Up for Science: Ethical Challenges and Opportunities for Behavior Analysts in the Autism Community

DAVID A. CELIBERTI (Association for Science in Autism Treatment) and ERIN S. LEIF (Lizard Centre)

**Audience:** The workshop level is intermediate but would be suitable for behavior analytic teaching faculty, BCBAs involved in supervision and consultation, as well as BCBAs working in inter-disciplinary teams.

**Level:** Basic

#### Workshop #10 CE: BACB

4:00 pm–7:00 pm

CBM

CE Instructor: Patrick Betters, M.S.

#### Behavior Analysis for Well-Being: Applied Behavior Analysis as a Positive Psychology Intervention

PATRICK BETTERS (ABA Behavior Therapies and Testing)

**Audience:** BCaBA, BCBA

**Level:** Basic

#### Workshop #11 CE: PSY/BACB

4:00 pm–7:00 pm

CBM

CE Instructor: Jeannie A. Golden, Ph.D.

#### Assessment and Treatment of Children With Emotional and Behavioral Disorders: Broadening the Lens

JEANNIE A. GOLDEN (East Carolina University)

**Audience:** Participants should include behavior analysts, psychologists, mental health professionals, social workers, counselors, administrators, teachers and direct care staff.

**Level:** Intermediate

#### Workshop #12 CE: BACB; Supervision

4:00 pm–7:00 pm

CBM

CE Instructor: David Pyles, Ph.D.

#### Competency-Based Staff Training

DAVID PYLES, VICTORIA JEWETT, and ELIZABETH PEREZ (Pyles and Associates)

**Audience:** This workshop level is appropriate for all BCBAs

**Level:** Intermediate

#### Workshop #13 CE: PSY/BACB/QABA/NASP

4:00 pm–7:00 pm

CBM

CE Instructor: Richard Cook, M.D.

#### Systematically Evaluating the Comprehensiveness of a Child's (an Adult's) Treatment Plan for Addressing Problems and Building Upon the Gifts of Attention Deficit Hyperactivity Disorder

RICHARD COOK (The Pennsylvania State University University Applied Behavioral Medicine Associates)

**Audience:** Workshop level appropriate for: clinicians who treat patients with ADHD; clinicians who have children with ADHD; clinicians who themselves have ADHD, irrespective of the attendee's academic credentials or years of clinical practice.

**Level:** Basic

#### Workshop #14 CE: PSY/BACB

4:00 pm–7:00 pm

CBM

CE Instructor: Joseph N. Ricciardi, Psy.D.

#### Introduction to Acquired Brain Injury for Behavior Analysts: Clinical-Behavior Analysis in Neurorehabilitation

JOSEPH N. RICCIARDI (Seven Hills Foundation; Seven Hills NeuroCare)

**Audience:** Intermediate. This content is intended for an audience with some familiarity with brain injury, and interested in entering a new population practice or understanding broader applications of clinical behavior analysis.

**Level:** Intermediate

#### Workshop #15 CE: BACB

4:00 pm–7:00 pm

CBM

CE Instructor: Robert Stromer, Ph.D.

#### Learn to Behave Well Using Mindfulness-Based Cognitive and Behavior Analytic Practices

ROBERT STROMER (George Brown College), ELISABETH KINNEY (Behavioral Learning and Leadership), and CYNTHIA A. LONG (Square One)

**Audience:** The workshop is designed for all certified behavior analysts, those who already practice mindfulness meditation, and those with little or no experience in such practices.

**Level:** Intermediate

#### Workshop #16 CE: PSY/BACB/NASP

4:00 pm–7:00 pm

CSS

CE Instructor: Anthony Biglan, Ph.D.

#### Creating Nurturing Environments in Multiple Settings With the Use of Evidence-Based Kernels

ANTHONY BIGLAN (Oregon Research Institute) and MAGNUS JOHANSSON (Oslo and Akershus University College)

**Audience:** Professionals interested in how evidence-based kernels can be useful to facilitate

behavior change in multiple settings, to create nurturing environments in families, schools, workplaces and communities.

**Level:** Intermediate

#### Workshop #17 CE: PSY/BACB/QABA/NASP; Ethics

4:00 pm–7:00 pm

DDA

CE Instructor: John C. Neill, Ph.D.

#### Behavior Analysis of Seizures

JOHN C. NEILL (Long Island University)

**Audience:** Applied behavior analysts, special education teachers, psychologists and therapists who write behavior plans for individuals with developmental disabilities, including epilepsy.

**Level:** Intermediate

#### Workshop #18 CE: BACB; Ethics

4:00 pm–7:00 pm

EDC

CE Instructor: Stacey M. McIntyre, M.A.

#### An Ethical Approach to Addressing Problem Behavior in School Settings

MEGAN B. BOUCHER and STACEY M. MCINTYRE (The Ivymount School)

**Audience:** BCBAs, BCaBAs, BCBA-Ds, school psychologists and other behavior analytic providers working in a public or private school setting.

**Level:** Intermediate

#### Workshop #19 CE: BACB; Supervision

4:00 pm–7:00 pm

EDC

CE Instructor: Joshua K. Pritchard, Ph.D.

#### ABA in Coaching: Retread into a New World!

MALLORY J. QUINN (Applied Behavior Analysis Sports Innovations) and JOSHUA K. PRITCHARD (Southern Illinois University)

**Audience:** The target audience consists of behavior analysts who are skilled at their science and want to expand into areas outside of the typical behavior analytic profession. Specifically, they are eager to push the boundaries of professional behavior analysis into new and exciting areas and have some interest in sports and athletic behavior.

**Level:** Intermediate

#### Workshop #20 CE: PSY/BACB/QABA/NASP

4:00 pm–7:00 pm

EDC

CE Instructor: Celso Socorro Oliveira, Ph.D.

#### Designing Skill Training With Computers: A Practical Stimulus Approach

CELSONO SOCORRO OLIVEIRA (São Paulo State University)

**Audience:** basic, for BCBA's and undergraduates.

**Level:** Basic

#### Workshop #21 CE: BACB; Supervision

4:00 pm–7:00 pm

OBM

CE Instructor: Guy S. Bruce, Ed.D.

#### Part 1: Pragmatic Supervision: Evaluate, Analyze, Change, and Repeat

GUY S. BRUCE (Appealing Solutions, LLC)

**Audience:** This three-part workshop is for supervisors, program designers, staff trainers, and directors of schools and agencies serving individuals with learning difficulties. All participants will receive a one-year subscription to ProgressCharter, an application that makes it easier to evaluate client progress, analyze causes of inadequate progress, and recommend changes so that all clients can make efficient progress. Attend this workshop to learn the skills needed to improve the performance of your staff so that every client can achieve success. Participants should bring their laptops and smartphones or tablets to the workshop so that they can practice using ProgressCharter. Those who pre-register will receive some materials prior to the workshop.

**Level:** Intermediate

#### Workshop #22 CE: BACB

4:00 pm–7:00 pm

OBM

CE Instructor: Adam E. Ventura, M.S.

#### Feedback Fundamentals: A Behavior Analytic Approach to the Analysis and Implementation of Performance Feedback

ADAM E. VENTURA (World Evolve, Inc.), ERICA CROWLEY (BehaviorLeader, Inc.), and DENNIS URIARTE (Florida Institute of Technology)

**Audience:** 1. Board certified behavior analysts (BCBA) 2. Business owners 3. Business administrators

**Level:** Intermediate

#### Workshop #23 CE: BACB

4:00 pm–7:00 pm

OBM

CE Instructor: Lori H. Ludwig, Ph.D.

#### Process Mapping to Make Your Agency More Efficient

LORI H. LUDWIG (Performance Blueprints, Inc.)

**Audience:** Individuals who are responsible for any process in their organization

**Level:** Basic

#### Workshop #24 CE: BACB; Supervision

4:00 pm–7:00 pm

PRA

CE Instructor: James A. Hoko, Ph.D.

#### Supervising Humans: A Look at Supervision Beyond the Task List

JAMES A. HOKO, CARA M. CAPPALLI-DAVEY, and STEPHANIE ALINE REINOSO (ACES)

**Audience:** This workshop is targeted towards BCBAs providing behavior analytic supervision to individuals seeking certification as a BCBA or BCaBA.

**Level:** Intermediate

<b>Workshop #25</b> 4:00 pm–7:00 pm PRA CE Instructor: Laura Bunda, M.S.  <b>Ecocultural Dynamics of Families That Shape Sustainability and Social Validity of Treatment Outcomes</b> LAURA BUNDA (Connecticut Association for Behavior Analysis; Association of Professional Behavior Analysts) and ASHLEY PIZZOFERRATO (Connecticut Association for Behavior Analysis)  <b>Audience:</b> The chosen workshop level is basic and is targeted for practicing behavior analysts who primarily work in homes, communities and schools with children as their primary clients.  <b>Level:</b> Basic	<b>CE: BACB</b>	<b>Workshop #29</b> 4:00 pm–7:00 pm PRA CE Instructor: Worner Leland, M.S.  <b>Function-Based Restorative Justice Practices for Client Harm Reduction</b> WORNER LELAND (Upswing Advocates) and JANANI VAIDYA (The Chicago School of Professional Psychology)  <b>Audience:</b> BCBA-D, BCBA, BCaBA, RBTs, or those training to be any of these who are interested in building their competence around the topic of function based restorative justice. Teachers, therapists, and other helping professionals are also welcome to attend.  <b>Level:</b> Basic	<b>CE: BACB/QABA; Ethics</b>
<b>Workshop #26</b> 4:00 pm–7:00 pm PRA CE Instructor: Richard B. Graff, Ph.D.  <b>Recognizing and Dealing With Everyday Ethical Dilemmas in the Workplace</b> RICHARD B. GRAFF (May Institute)  <b>Audience:</b> This workshop is designed for behavior analyst practitioners.  <b>Level:</b> Intermediate	<b>CE: BACB; Ethics</b>	<b>Workshop #30</b> 4:00 pm–7:00 pm PRA CE Instructor: Ashley Williams, M.S.  <b>Becoming an Expert on CPT Codes</b> KATHERINE A. JOHNSON (Advances Learning Center), ASHLEY WILLIAMS (ABACS), KEVIN J. SCHLICHENMEYER (TACT, LLC), BRANDON HERSCOVITCH (ABACS, LLC), and JESSICA WENIG (Advances Learning Center)  <b>Audience:</b> The target audience for this workshop is practitioners who provide insurance-funded services.  <b>Level:</b> Intermediate	<b>CE: BACB</b>
<b>Workshop #27</b> 4:00 pm–7:00 pm PRA CE Instructor: Cheryl J. Davis, Ph.D.  <b>Not the Same Old Ethics Talk</b> MARY ROSSWURM (LittleStar ABA Therapy), CHERYL J. DAVIS (7 Dimensions Consulting; SupervisorABA), and MEGAN MILLER (Navigation Behavioral Consulting)  <b>Audience:</b> Basic  <b>Level:</b> Basic	<b>CE: BACB; Ethics</b>	<b>Workshop #31</b> 4:00 pm–7:00 pm TBA CE Instructor: Monica Gilbert, M.S.  <b>Using ABA to Conceptualize Disorders in the Diagnostic Statistic Manual of Mental Disorders (DSM-5)</b> MONICA GILBERT (Carlos Albizu University) and BETHANIA CARRION (Crystal Minds New Beginning)  <b>Audience:</b> BCaBA, BCBA, graduate students and Licensed psychologist  <b>Level:</b> Basic	<b>CE: PSY/BACB</b>
<b>Workshop #28</b> 4:00 pm–7:00 pm PRA CE Instructor: Paulo Guilhardi, Ph.D.  <b>Practical and Ethical Methodologies for Assessing Function of Problematic Behaviors in the Natural Environment</b> PAULO GUILHARDI, ROBERT K. ROSS, and ASHLEY DOUGLAS (Beacon ABA Services, Inc.)  <b>Audience:</b> Professionals responsible for conducting functional assessments and analysis providing services in schools, home, and community.  <b>Level:</b> Intermediate	<b>CE: BACB; Ethics</b>	<b>Workshop #32</b> 4:00 pm–7:00 pm TBA CE Instructor: Michael Keenan, Ph.D.  <b>Poser Applied: Creating Poser Animations for Applied Behavior Analysis Teaching and Demonstration Purposes</b> MICHAEL KEENAN (Ulster University) and LEE CADIEUX (Arts and Humanities Research Institute; Ulster University)  <b>Audience:</b> Teachers of behaviour analysis  <b>Level:</b> Advanced	<b>CE: BACB</b>

<b>Workshop #33</b> 4:00 pm–7:00 pm TBA CE Instructor: Dawn Allison Bailey, Ph.D.  <b>Inter-Teaching: Lessons Learned From the Trenches</b> DAWN ALLISON BAILEY and MARIA LYNN KESSLER (Oregon Institute of Technology)  <b>Audience:</b> Instructors of undergraduate or graduate courses in psychology, Applied Behavior Analysis, or related content  <b>Level:</b> Basic	<b>CE: BACB</b>	<b>Workshop #35</b> 4:00 pm–7:00 pm TBA CE Instructor: Sabrina Danielson, M.S.  <b>Infant ABA: Best Practices and Future Directions</b> LAUREN ELDER, MEGHAN CAVALLARO, and SABRINA DANIELSON (ABA Behavior Therapies and Testing)  <b>Audience:</b> Early interventionists, Practitioners  <b>Level:</b> Intermediate	<b>CE: BACB</b>
<b>Workshop #34</b> 4:00 pm–7:00 pm TBA CE Instructor: Jon Blann, M.S.  <b>Jail Hesso: Taking Effective Procedures, and the Perspective of Our Learner, into Discrete Trial Training Sessions</b> JON BLANN (The Human Institute) and AMNA MOHAMMED AHMED (Think, Therapeutic Interventions for Kids)  <b>Audience:</b> Basic  <b>Level:</b> Basic	<b>CE: BACB</b>		



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**Providing lifelong supports to children and adults with autism and  
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Career Opportunities!  
[www.ippi.org](http://www.ippi.org)**



**Thursday, May 24**

**SAN  
DIEGO** 2018

**FRIDAY**  
MAY 25



Manchester Grand Hyatt San Diego; Friday, May 25

	Room	6 am		7 am		8 am		9 am		10 am		11 am		12 pm		1 pm		2 pm														
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Fourth Level	Coronado AB					<b>Workshops #36–70</b> Workshops will be assigned to rooms in May. Please check the online program at <a href="http://www.abainternational.org/events/annual/workshops">www.abainternational.org/events/annual/workshops</a> to find the exact location for your workshop of choice.																										
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Manchester Grand Hyatt San Diego; Friday, May 25

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Fourth Level				<b>Workshops #71–108</b> Workshops will be assigned to rooms in May. Please check the online program at <a href="http://www.abainternational.org/events/annual/workshops">www.abainternational.org/events/annual/workshops</a> to find the exact location for your workshop of choice.														Coronado AB	Fourth Level
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Lobby Level	SQAB									SQAB								Grand Hall B	Lobby Level
	#1 Chapter Training																	Grand Hall C	
	#2 SIG Training																	Grand Hall D	

LEGEND

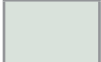

= Special and Invited Events

# Marriott Marquis San Diego & Marina; Friday, May 25

	Room	6 am		7 am		8 am		9 am		10 am		11 am		12 pm		1 pm		2 pm	
		:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30
South Tower Level 3	Marina Ballroom D																		
	Marina Ballroom E																		
	Marina Ballroom F																		
	Marina Ballroom G																		
	Del Mar																		
Second Floor Lobby Level	San Diego Ballroom A									<b>Workshops #36–70</b> Workshops will be assigned to rooms in May. Please check the online program at <a href="http://www.abainternational.org/events/annual/workshops">www.abainternational.org/events/annual/workshops</a> to find the exact location for your workshop of choice.									
	San Diego Ballroom B																		
	San Diego Ballroom C																		
	Presidio 1																		
	Presidio 2																		
	Torrey Pines 1-3																		
	Rancho Santa Fe 1-3																		
	Grand Ballroom Pre-Function			Registration															
	Grand Ballroom 1-6																		
	Grand Ballroom 7-9																		
	Grand Ballroom 7-13																		
	Grand Ballroom 10-13																		
First Floor	Pacific Ballroom 14-26			Bookstore															

# Marriott Marquis San Diego & Marina; Friday, May 25

		3 pm		4 pm		5 pm		6 pm		7 pm		8 pm		9 pm		10 pm		11 pm		Room	
		:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30		
South Tower Level 3	Marina Ballroom D													#11 International Reception						Marina Ballroom D	South Tower Level 3
	Marina Ballroom E																			Marina Ballroom E	
	Marina Ballroom F																			Marina Ballroom F	
	Marina Ballroom G									#9 Student Welcome Event		#10 ABAI Student Trivia Night								Marina Ballroom G	
	Del Mar																			Del Mar	
Second Floor Lobby Level	San Diego Ballroom A			<b>Workshops #71–108</b> Workshops will be assigned to rooms in May. Please check the online program at <a href="http://www.abainternational.org/events/annual/workshops">www.abainternational.org/events/annual/workshops</a> to find the exact location for your workshop of choice.																San Diego Ballroom A	Second Floor Lobby Level
	San Diego Ballroom B																			San Diego Ballroom B	
	San Diego Ballroom C																			San Diego Ballroom C	
	Presidio 1																			Presidio 1	
	Presidio 2																			Presidio 2	
	Torrey Pines 1-3																			Torrey Pines 1-3	
	Rancho Santa Fe 1-3																			Rancho Santa Fe 1-3	
	Grand Ballroom Pre-Function																			Grand Ballroom Pre-Function	
	Grand Ballroom 1-6																			Grand Ballroom 1-6	
	Grand Ballroom 7-9																			Grand Ballroom 7-9	
First Floor	Grand Ballroom 7-13																			Grand Ballroom 7-13	
	Grand Ballroom 10-13																			Grand Ballroom 10-13	
	Pacific Ballroom 14-26																			Pacific Ballroom 14-26	First Floor

**LEGEND**  
 = Special and Invited Events  
 = ABAI Services





# NEW Parent Portal in NPAGo

Guardians can view appointments, add notes, and verify completed services directly from their own device

*\* Customize the appointments Parents can see*

Visit us at booths 12 & 101 to learn what's new for 2018: DocCenter, automatic mileage calculation, and client intake wizard with customizable appointment viewing



## DocCenter

Securely manage your company's documents from one central location



## Mileage

Automatically calculate distances between appointments in NPAGo



## Client Intake Wizard

Easily submit information for quick & seamless client intake



CodeMetro

Call us with any questions at **877.796.9883** or email us at **info@CodeMetro.com** or visit us at **www.CodeMetro.com**. Follow us on Social Media @codemetro



### Workshop #36

CE: BACB

8:00 am–11:00 am

AUT

CE Instructor: Patrick E. McGreevy, Ph.D.

**Our "Concrete" Children With Autism or Other Developmental Disabilities: Are We Teaching Them What Will Matter in Their Adult Lives?**  
PATRICK E. MCGREEVY and TROY FRY (Patrick McGreevy, Ph.D., P.A., and Associates)

**Audience:** The audience will be BCBAs who provide services to children with autism or other developmental disabilities

**Level:** Basic

### Workshop #37

CE: BACB

8:00 am–11:00 am

PRA

CE Instructor: Ashley Williams, M.S.

**A Comprehensive Look at Authorizations, Appeals, and Peer Reviews**  
JULIE KORNACK (Center for Autism and Related Disorders), ASHLEY WILLIAMS (ABACS, LLC), THEA H. DAVIS (Autism Bridges), BRANDON HERSCOVITCH (ABACS, LLC), and CATHY J. BOOTH (Autism Bridges)

**Audience:** The target audience for this workshop is behavior analysts who provide insurance-funded services (Master's/Ph.D.-level).

**Level:** Advanced

### Workshop #38 CE: PSY/BACB/NASP; Supervision

8:00 am–11:00 am

TBA

CE Instructor: Cheryl J. Davis, Ph.D.

**Activity-Based Model for BACB Supervision**  
CHERYL J. DAVIS (7 Dimensions Consulting; SupervisorABA), DANA R. REINECKE (Long Island University, Post; SupervisorABA)

**Audience:** The target audience is BACB supervisors who have completed an 8-hour supervision training.

**Level:** Intermediate

### Workshop #39

CE: BACB

8:00 am–3:00 pm

AUT

CE Instructor: Jesseca Collins, M.Ed.

**Mastered PECS: What's Next? Transitioning From PECS to Speech Generating Devices**  
JESSECA COLLINS, JAIME WEDEL, and PAIGE PANETTA (Pyramid Educational Consultants)

**Audience:** Anyone working with current users of PECS or with individuals for whom an SGD or tablet app is being considered. This may include behavior analysts, speech/language pathologists, teachers or others involved with communication training with children and adults with disabilities including ASD.

**Level:** Intermediate

### Workshop #40

CE: BACB

8:00 am–3:00 pm

AUT

CE Instructor: Peter F. Gerhardt, Ed.D.

**Adulthood Begins in Preschool: Identification and Intervention With Skills That Support Competent Adulthood**  
PETER F. GERHARDT (The EPIC School), ANGELA RODRIGUEZ (Educational Partnership for Instructing Children), CRISTINA BATTAGLIA (EPIC school), MEAGHAN BRACCHITTA (The EPIC School), KATHERINE MOORE (The EPIC School)

**Audience:** Intermediate/advanced.

**Level:** Intermediate

### Workshop #41

CE: PSY/BACB

8:00 am–3:00 pm

AUT

CE Instructor: Lauren Elder, Ph.D.

**Part 1: Early Start Denver Model Introductory Workshop**  
LAUREN ELDER (ABA Behavior Therapies & Testing) and MELISSA MELLO (Iniversity of California, Davis; MIND Institute)

**Audience:** Master's level clinicians with experience with young children with autism.

**Level:** Intermediate

### Workshop #42

CE: BACB

8:00 am–3:00 pm

AUT

CE Instructor: Joshua Jessel, Ph.D.

**Using a Practical Functional Assessment Model to Develop Skill-Based Treatments of Problem Behavior**  
JOSHUA JESSEL (Queens College)

**Audience:** BCBAs, BCBA-Ds, BCaBAs, licensed psychologists, and other behavior analytic providers who need to learn a fast and safe approach to assessing and treating problem behavior. This approach has been empirically validated for those with and without intellectual disabilities, with children as young as 1 and adults as old as 30, and can be conducted in multiple contexts such as classrooms, clinics, or homes.

**Level:** Basic

### Workshop #43

CE: BACB

8:00 am–3:00 pm

AUT

CE Instructor: Mary Lynch Barbera, Ph.D.

**Using ABA/VB for Toddlers With Developmental Delays and/or Newly Diagnosed With Autism**  
MARY LYNCH BARBERA (Barbera Behavior Consulting, LLC)

**Audience:** The primary audience for this workshop is BCBAs, licensed psychologists, and educators working in homes or ABA settings with toddlers with autism or developmental delays. Participants should have some familiarity with Skinner's analysis of

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verbal behavior, the elementary verbal operants and the VB-MAPP. BCaBAs, students, and parents with some background in ABA/VB are also welcome.

**Level:** Intermediate

#### Workshop #44 CE: BACB

8:00 am–3:00 pm  
AUT  
CE Instructor: Allaina Douglas, M.A.

**Enhancing Curriculum Design in Autism Interventions: Analysis of Instructional Content, Selection of Stimuli, and Beyond!**  
ANDREW BULLA (Armstrong State University), THOM RATKOS (Berry College), ALLAINA DOUGLAS (University of Oregon), and NICOLE BAUER (North Shore Pediatric Therapy)

**Audience:** Basic; early intervention practitioners

**Level:** Basic

#### Workshop #45 CE: BACB

8:00 am–3:00 pm  
AUT  
CE Instructor: Alexia Stack, M.Ed.

**Programming for Pragmatics: Bringing Assessment to Practice for Advanced Learners on the Autism Spectrum**  
ALEXIA STACK and MAGDALENA A. MARKIEWICZ (A Block Above Behavioral Consulting)

**Audience:** Intermediate

**Level:** Intermediate

#### Workshop #46 CE: BACB

8:00 am–3:00 pm  
AUT  
CE Instructor: Laura Kenneally, Ed.D.

**After the Functional Behavior Assessment: The Behavior Intervention Plan and Essential Curriculum for Middle and High School Students With Autism to Reduce Disruptive Behavior and Teach Independent Life Skills**  
LAURA KENNEALLY (Advance Learning Center)

**Audience:** BCBAAs, teachers, administrators, CST members

**Level:** Intermediate

#### Workshop #47 CE: BACB

8:00 am–3:00 pm  
AUT  
CE Instructor: Nancy J. Champlin, M.S.

**A Systematic Approach to Teaching Play Skills**  
NANCY J. CHAMPLIN and MELISSA SCHISSLER (ACI Learning Centers)

**Audience:** BCBAAs, BCaBAs, RBTs, and other professionals working with clients with autism

**Level:** Intermediate

#### Workshop #48 CE: PSY/BACB

8:00 am–3:00 pm  
CBM  
CE Instructor: James Chok, Ph.D.

**Medication Boot Camp: A Behavior Analyst's Guide to Medications and the People Who Prescribe Them**  
ANNA MARIE DIPIETRO, ELIZABETH DAYTON, JENNIFER QUIGLEY, and TIMOTHY NIPE (Melmark); JAMES CHOK (Melmark Pennsylvania); and ART GLENN DOWDY and SAMANTHA SARIN (Melmark)

**Audience:** The target audience for this workshop includes behavior analysts, clinicians, and related practitioners who interact with medication prescribers including psychiatrists and nurse practitioners or anyone interested in learning about psychotropic medications, their use in applied settings, and how behavior analysis can enhance prescribing practices.

**Level:** Intermediate

#### Workshop #49 CE: BACB

8:00 am–3:00 pm  
DDA  
CE Instructor: Duncan Pritchard, Ph.D.

**Managing Sexually Harmful Behaviour Presented by Children and Young People With Developmental Disabilities**  
DUNCAN PRITCHARD and HEATHER PENNEY (Aran Hall School)

**Audience:** Behavior analysts who (a) work directly with children and young people with intellectual and other developmental disabilities who present sexually harmful behavior, and (b) behavior analysts who train and/or manage direct care staff working with these vulnerable clients.

**Level:** Intermediate

#### Workshop #50 CE: BACB; Ethics

8:00 am–3:00 pm  
EDC  
CE Instructor: Melissa L. Olive, Ph.D.

**Special Education Law and Ethical Issues for Practicing Behavior Analysts**  
MELISSA L. OLIVE (Applied Behavioral Strategies LLC)

**Audience:** Practicing Behavior Analysts, Supervisors of Practicing Behavior Analysts, School Administrators

**Level:** Intermediate

#### Workshop #51 CE: BACB

8:00 am–3:00 pm  
OBM  
CE Instructor: Guy S. Bruce, Ed.D.

**Part 2: Pragmatic Supervision: Evaluate, Analyze, Change, and Repeat**  
GUY S. BRUCE (Appealing Solutions, LLC)

**Audience:** This three-part workshop is for supervisors, program designers, staff trainers,

and directors of schools and agencies serving individuals with learning difficulties. All participants will receive a one-year subscription to ProgressCharter, an application that makes it easier to evaluate client progress, analyze causes of inadequate progress, and recommend changes so that all clients can make efficient progress. Attend this workshop to learn the skills needed to improve the performance of your staff so that every client can achieve success. Participants should bring their laptops and smartphones or tablets to the workshop so that they can practice using ProgressCharter. Those who pre-register will receive some materials prior to the workshop.

**Level:** Intermediate

#### Workshop #52 CE: BACB

8:00 am–3:00 pm  
PRA  
CE Instructor: Jamie Waldvogel, M.S.

**Join Us "Under the Dome:" A Behavioral Analysis of Dissemination and Successful Application in the "Real World"**  
JAMIE WALDVOGEL and ERIN M. COTE (Behave Your Best, LLC)

**Audience:** This advanced workshop is designed for those with BCBA and BCBA-D that have at least 5 years of experience supervising and teaching others to implement behavioral strategies.

**Level:** Advanced

#### Workshop #53 CE: PSY/BACB

8:00 am–3:00 pm  
PRA  
CE Instructor: Linda S. Heitzman-Powell, Ph.D.

**Towards Identifying, Shaping, and Maintaining Professional Soft Skills for Behavior-Analytic Practitioners**  
JANA M. SARNO (Northshore Pediatric Therapy), KATRINA OSTMEYER (Integrated Behavioral Technologies, Inc.; Behavioral Technologies Consulting Organization), and LINDA S. HEITZMAN-POWELL (The University of Kansas Medical Center; Behavioral Technologies Consulting Organization)

**Audience:** BCBAAs, Supervisors, Licensed Behavior Analysts, Academics, and BCaBAs

**Level:** Intermediate

#### Workshop #54 CE: BACB

8:00 am–3:00 pm  
PRA  
CE Instructor: Ashley Rodman, M.S.

**Behavior Analytic Social Skills Group Assessment and Skill Development**  
HAZEL BAKER (Advances Learning Center; Endicott College) and ASHLEY RODMAN, KATHERINE A. JOHNSON, and GINETTE WILSON BISHOP (Advances Learning Center)

**Audience:** The intended audience includes BCBAAs who train staff to run social skills groups, public school ABA professionals whose students participate in group social skill support, anyone

currently running social skills groups or wishing to run them in the future, and program directors planning to introduce or develop social skills groups at their practice.

**Level:** Intermediate

#### Workshop #55 CE: BACB

8:00 am–3:00 pm  
PRA  
CE Instructor: Barbara Endlich, Psy.D.

**Treating Food Refusal With a Spoonful of ABA**  
BARBARA ENDLICH (Behavior And Education)

**Audience:** The workshop is presented at a Basic level, and is appropriate for any certificiant holder (BCaBA, BCBA, and BCBA-D) who wishes to further their understanding and application of food refusal treatments.

**Level:** Basic

#### Workshop #56 CE: BACB; Supervision

8:00 am–3:00 pm  
PRA  
CE Instructor: Karen R. Wagner, Ph.D.

**BACB-Compliant Multi-Media Supervisor Training With Updated Requirements**  
KAREN R. WAGNER (Behavior Services of Brevard, Inc.; TheBehaviorAnalyst.com)

**Audience:** This workshop is for BCBAAs who will be supervising pre-certification interns, BCBAAs, and Registered Behavior Technicians, as well as BCaBAs who will be supervising RBTs.

**Level:** Intermediate

#### Workshop #57 CE: BACB

8:00 am–3:00 pm  
PRA  
CE Instructor: Breanne K. Hartley, Ph.D.

**Navigating the 10th Circle of Hell: A Road Map to Writing Medically Necessary Treatment Plans**  
BREANNE K. HARTLEY, WILLIAM TIM COURTNEY, MARY ROSSWURM, and MICHELE TRIVEDI (Little Star Center)

**Audience:** Practicing BCBAAs

**Level:** Basic

#### Workshop #58 CE: BACB; Supervision

8:00 am–3:00 pm  
PRA  
CE Instructor: Jamie Hughes-Lika, Ph.D.

**Systematizing the Supervision Process: Using a Curriculum-Based Measurement System Through Technology to Provide Competency-Based Supervision**  
LAUREN LESA LANIER (CARE, LLC; Endicott College), JAMIE HUGHES-LIKA (Summit Autism Services), JESSICA PIAZZA (CARE, LLC), KAREN E. HANS (The University of Kent), and AMY LANIER (University of Texas Health Science Center- Houston)

**Audience:** This workshop would be appropriate

for BCBAs or BCBA-Ds providing behavior analytic supervision to students, educators, or other professionals seeking certification as a BCBA or BCaBA, as well as to individuals certified as RBTs. It would also be appropriate for those involved in the organization and arrangement of BCBA supervision.

**Level:** Intermediate

**Workshop #59** **CE: BACB; Ethics**

8:00 am–3:00 pm  
PRA  
CE Instructor: Teresa Camille Kolu, Ph.D.

**Safe Assessment and Treatment After Adverse Experience: Using Evidence- and Function-Based Strategies in a Trauma-Informed Environment**  
TERESA CAMILLE KOLU (Cusp Emergence)

**Audience:** This intermediate workshop is suggested for participants who are asked to, are considering, or are already accepting clients with a history others call trauma-related or whose care is discussed as trauma-informed. Participants' clients are not discussed in detail, but information will be provided to familiarize certified behavior analysts with minimizing and documenting risks, using appropriate techniques for completing ethical behavior assessment and supervision, and identifying evidence-based treatment for their own clients and teams. A model for ethical supervision and treatment after aversive histories will be discussed in the context of the current BACB task list and Ethical and Compliance Code. Participants will be encouraged to self-detect their own limitations and needs for further expanding their repertoires, to minimize risk to those affected by their practice when conducting behavior analysis with individuals after adverse experiences

**Level:** Intermediate

**Workshop #60** **CE: PSY/BACB**

8:00 am–3:00 pm  
PRA  
CE Instructor: Brian Lopez, Ph.D.

**Unraveling the Complexities of Documenting Applied Behavior Analysis as a Medically Necessary Service**

BRIAN LOPEZ (JumpStart Autism Center) and ALLISON BARTSCH, KARA BATSON, SARAH BANKS, and CASSIE L MOHR (JumpStart Autism Center - Colorado)

**Audience:** The targeted audience of this workshop are psychologists, BCBAs, BCBA-Ds, behavioral health providers, and medical providers who support individuals with ASD

**Level:** Intermediate

**Workshop #61** **CE: BACB**

8:00 am–3:00 pm  
PRA  
CE Instructor: Paul W. Heering, M.A.

**Creating Free Online Data Sheets With Automatic Graphing: No Programming Skills Necessary**  
PAUL W. HEERING (May Institute)

**Audience:** This workshop is designed for anyone interested in creating online data-collection systems. It is not required that attendees have any computer coding knowledge or experience but attendees should be comfortable working on a computer and navigating websites.

**Level:** Basic

**Workshop #62** **CE: BACB**

8:00 am–3:00 pm  
TBA  
CE Instructor: Kat Chapman, M.S.

**Play Should Be Fun**

KATHLEEN BERRY and KAT CHAPMAN (ABA Behavior Therapies & Testing)

**Audience:** BCaBAs and any higher credentialed people interested in improving clients language, social, and cognitive skills through play.

**Level:** Basic

**Workshop #63** **CE: BACB**

8:00 am–3:00 pm  
VRB  
CE Instructor: Lee L Mason, Ph.D.

**Verbal Behavior Stimulus Control Ratio Equations**  
LEE L. MASON and ALONZO ALFREDO ANDREWS (The University of Texas at San Antonio)

**Audience:** Participants should be familiar with the elementary verbal operants as described by Skinner (1957).

**Level:** Intermediate

**Workshop #64** **CE: BACB; Ethics**

12:00 pm–3:00 pm  
AAB  
CE Instructor: Terri M. Bright, Ph.D.

**If You Are a BCBA, Are You/Can You Become a Dog Trainer? Some Ethics and Some Steps in That Direction**

TERRI M. BRIGHT (MSPCA Angell)

**Audience:** This basic workshop is meant for those who find themselves in the company of dogs and who are tempted to train them. Though participant's individual dogs' behaviors are not the target of the workshop, enough information will be disseminated so that participants can, perhaps, begin their dog-training at home, using the tenets of ABA and within the scope of the BACB Task List; they will be able to recognize the limits of their behavioral skills across species. Those who come into contact with dogs in the community or workplace and who are fearful or uncertain will be better equipped to act appropriately, be it to gain safety or to find referrals.

**Level:** Basic

**Workshop #65** **CE: BACB/QABA/NASP**

12:00 pm–3:00 pm  
CBM  
CE Instructor: Victoria Stout Kubal, M.S.

**Behavioral Relaxation: Training and Scale**  
VICTORIA STOUT KUBAL (Madera County Behavioral Health Services)

**Audience:** The target audience for this workshop is comprised of practitioners who are certified by the Behavior Analyst Certification Board at the doctoral (BCBA-D), master's (BCBA), or bachelor's (BCaBA) degree levels and who work with the following populations: clients with anxiety disorders, pain-related difficulties, or anger management problems; individuals who suffered a traumatic brain injury; individuals diagnosed with autism spectrum disorder, intellectual disability, or other developmental disability; persons exhibiting hyperactive or repetitive behaviors; clients exhibiting schizophrenic behaviors; and persons who experience an extreme amount of stress. Professionals with a strong interest in behavioral medicine, clinical behavior analysis, family and child therapy, and/or health and fitness training will also benefit from attending this workshop.

**Level:** Basic

**Workshop #66** **CE: BACB; Ethics**

12:00 pm–3:00 pm  
EDC  
CE Instructor: Wendela Whitcomb Marsh, M.A.

**How to Talk to Teachers to Increase Procedural Fidelity in Classrooms**

WENDELA WHITCOMB MARSH (Positive Intervention Problem Solving)

**Audience:** This is a basic workshop appropriate for any BCBA or BCABA working in school settings, or who may work with teachers in the future.

**Level:** Basic

**Workshop #67** **CE: PSY/BACB; Ethics**

12:00 pm–3:00 pm  
PRA  
CE Instructor: Weihe Huang, Ph.D.

**Solving Ethical Dilemmas in the Practice of Applied Behavior Analysis**

WEIHE HUANG and KARRE WILLIAMS (Creating Behavioral + Educational Momentum)

**Audience:** Board certified behavior analysts at all levels are the primary audience of this workshop. In addition, licensed psychologists, licensed therapists, and social workers could benefit from the content of this educational event as well.

**Level:** Intermediate

**Workshop #68** **CE: BACB; Ethics**

12:00 pm–3:00 pm  
PRA  
CE Instructor: Susan Wilczynski, Ph.D.  
**Evidence-Based Practice: A Decision-Making Model for Ethically Selecting Interventions for Your Client**  
SUSAN WILCZYNSKI (Ball State University), TIMOTHY A. SLOCUM (Utah State University), and RONNIE DETRICH (The Wing Institute)

**Audience:** Intermediate: Our goal is to teach practicing behavior analysts or professors teaching

practitioners how to effectively and ethically integrate the various demands for science-based and socially valid described in our field.

**Level:** Intermediate

**Workshop #69** **CE: PSY**

12:00 pm–3:00 pm  
PRA  
CE Instructor: William C. Follette, Ph.D.

**Applying Behavioral Principles to Interactions With Consumers, Treatment Providers, and Other Professionals**

WILLIAM C. FOLLETTE, AMANDA MUNOZ-MARTINEZ, CORY STANTON, and ANDREW AHRENDT (University of Nevada, Reno)

**Audience:** The target audience is intended to include agency heads and their teams, and consultants who design programs to produce behavior change but find their efforts are less effective because their programs are not properly implemented. The intended audience is intermediate and advanced program developers and disseminators.

**Level:** Intermediate

**Workshop #70** **CE: BACB; Supervision**

12:00 pm–3:00 pm  
TBA  
CE Instructor: Susan Buttigieg, Ph.D.

**Effective Supervision in Center and Home-Based Settings: Maximizing Outcomes for Students and Staff**

SUSAN BUTTIGIEG (Columbia University; Fred S. Keller School; Manhattanville College), LIN DU (Teachers College, Columbia University), and CESIRA K. FARRELL (Fred S. Keller School; Manhattanville College)

**Audience:** Intermediate and advanced. This workshop is for newly appointed supervisors or newly licensed BCBAs.

**Level:** Intermediate

**Workshop #71** **CE: BACB**

4:00 pm–7:00 pm  
AAB  
CE Instructor: Erica N. Feuerbacher, Ph.D.

**Empirical Dog Training at the Animal Shelter: Training for Adoption Outcomes With a Focus on High Populations of Animals**

ALEXANDRA PROTOPOPOVA and MEGAN ELIZABETH ARANT (Texas Tech University) and ERICA N. FEUERBACHER (Virginia Tech)

**Audience:** Participants should be interested in learning how to effectively implement dog training programs at animal shelters. Participants may be behavior analysts (no specific board certification required), students in animal behavior, and animal professionals and enthusiasts.

**Level:** Basic

<b>Workshop #72</b>	<b>CE: BACB</b>	<b>Workshop #76</b>	<b>CE: PSY/BACB</b>
4:00 pm–7:00 pm AUT CE Instructor: Robert K. Ross, Ed.D.		4:00 pm–7:00 pm AUT CE Instructor: Eric V. Larsson, Ph.D.	
<b>Teaching Creative Play</b> ROBERT K. ROSS (Beacon ABA Services)		<b>The Lovaas Midwest Social Language Curriculum: Current Innovations</b> ERIC V. LARSSON (Lovaas Institute Midwest; University of Minnesota) and ANGELA BROWN and CHARRYSE M. LUCKEY (Lovaas Institute Midwest)	
<b>Audience:</b> Certified behavior analysts, graduate students, ABA practitioners		<b>Audience:</b> Practitioners of early intensive behavioral interventions for autism.	
<b>Level:</b> Intermediate		<b>Level:</b> Intermediate	
<b>Workshop #73</b>	<b>CE: BACB</b>	<b>Workshop #77</b>	<b>CE: BACB</b>
4:00 pm–7:00 pm AUT CE Instructor: Bryant C. Silbaugh, Ph.D.		4:00 pm–7:00 pm AUT CE Instructor: Joanne Sgambati, Ph.D.	
<b>Using Evidence-Based Practice in ABA to Treat Packing in Children With Pediatric Feeding Disorders</b> BRYANT C. SILBAUGH (The University of Texas at San Antonio)		<b>Assessing and Addressing Anxiety-Related Behavior in Students With Autism Spectrum Disorder</b> HESTER BEKISZ (The Genesis School) and JOANNE SGAMBATI (Eden II; Genesis Programs)	
<b>Audience:</b> Currently practicing BCaBAs, BCBAs, and BCBA-Ds		<b>Audience:</b> Psychologists, special education teachers, Social workers, speech pathologists, parents, individuals with ASD	
<b>Level:</b> Intermediate		<b>Level:</b> Intermediate	
<b>Workshop #74</b>	<b>CE: BACB</b>	<b>Workshop #78</b>	<b>CE: BACB</b>
4:00 pm–7:00 pm AUT CE Instructor: Julie S. Weiss, M.Ed.		4:00 pm–7:00 pm AUT CE Instructor: Richard E. Laitinen, Ph.D.	
<b>From the Classroom to Workforce: Teaching Vocational Skills to Individuals With an Autism Spectrum Disorder</b> JULIE S. WEISS, JULIENNE FAIRCHILD LEBLANC, and CHRISTINE ANN PELLERIN (New England Center for Children)		<b>The Acquisition of Behavioral Cusps as the Basics to Develop Language</b> GLADYS WILLIAMS (CIEL, SPAIN), RICHARD E. LAITINEN (Personalized Accelerated Learning Systems), and SARA GARBARINI (David Gregory School)	
<b>Audience:</b> Target audience should include practitioners working with individuals with ASD with a present or future focus on vocational and employment planning and skill development. Practitioners whom are involved in development and implementation of transition planning goals and objectives would also benefit		<b>Audience:</b> Intermediate	
<b>Level:</b> Intermediate		<b>Level:</b> Intermediate	
<b>Workshop #75</b>	<b>CE: BACB</b>	<b>Workshop #79</b>	<b>CE: BACB</b>
4:00 pm–7:00 pm AUT CE Instructor: Catherine Horton, M.S.		4:00 pm–7:00 pm AUT CE Instructor: Francesca Degli Espinosa, Ph.D.	
<b>Hot Topics in Communication Intervention</b> CATHERINE HORTON and LORI FROST (Pyramid Educational Consultants)		<b>How to Teach “Learning How to Learn”:</b> <b>Curriculum Development in Early Intensive Behavioral Intervention</b> FRANCESCA DEGLI ESPINOSA (ABA Clinic, UK)	
<b>Audience:</b> This workshop is appropriate for any team member working with learners with complex communication needs. This may include behavior analysts, speech language pathologists, teachers and/or others involved in communication training.		<b>Audience:</b> Intermediate	
<b>Level:</b> Intermediate		<b>Level:</b> Intermediate	
		<b>Workshop #81</b>	<b>CE: BACB; Ethics</b>
		4:00 pm–7:00 pm AUT CE Instructor: Kathleen McCabe-Odri, Ed.D.	
		<b>Ethical Implications of Addressing Stereotypical Behavior in Children With Autism: What Practitioners Need to Know</b>	

KATHLEEN MCCABE-ODRI, NICOLE M. RZEMYK, LORI LORENZETTI, ADRIENNE RIZZO, MELANIE ERWINSKI, and SAMARIA JUANANDRES (Partners in Learning, Inc.)

**Audience:** BCBAs, child study team members, behavior specialists/consultants

**Level:** Intermediate

**Workshop #82** **CE: BACB**

4:00 pm–7:00 pm  
AUT  
CE Instructor: Meghan Van Nostrand, M.S.

**Conducting Functional Analyses in Applied Settings**  
STEPHANIE PHELAN (Avenue Behavior Analysts; Simmons College), ASHLEY WILLIAMS and MEGHAN VAN NOSTRAND (ABACS; Simmons College), and BRANDON HERSCOVITCH and ANGIE QUERIM CAMPANALE (ABACS)

**Audience:** Behavior analysts with background knowledge of functional analysis research, seeking to expand their repertoire in implementing functional analyses in home-based settings.

**Level:** Intermediate

**Workshop #83** **CE: PSY/BACB**

4:00 pm–7:00 pm  
AUT  
CE Instructor: Lauren Elder, Ph.D.

**Part 2: Early Start Denver Model Introductory Workshop**  
LAUREN ELDER (ABA Behavior Therapies & Testing) and MELISSA MELLO (University of California, Davis; MIND Institute)

**Audience:** Master’s level clinicians with experience with young children with autism.

**Level:** Intermediate

**Workshop #84** **CE: PSY/BACB**

4:00 pm–7:00 pm  
CBM  
CE Instructor: Jeannie A. Golden, Ph.D.

**It’s a Two-Way Street: Behavior Analysts Promoting Activity and Activity Promoters Applying Behavior Analysis**  
JEANNIE A. GOLDEN and KELLI MINTON (East Carolina University)

**Audience:** Behavior analysts, direct care staff, behavior analysts interested in physical activity promotion and activity promoters interested in applying behavioral principles and strategies.

**Level:** Intermediate

**Workshop #85** **CE: PSY/BACB/NASP**

4:00 pm–7:00 pm  
CBM  
CE Instructor: Abigail B. Calkin, Ph.D.

**Inner Behavior: Changing Thoughts, Feelings, and Urges**  
ABIGAIL B. CALKIN (Calkin Consulting Center)

**Audience:** This workshop is for clinicians, those teaching behavior analysis, and graduate students in behavior analysis or psychology, special education teachers who work with students with behavior disorders and who are on the autism spectrum disorder, and others interested in changing inner behaviors.

**Level:** Intermediate

**Workshop #86** **CE: PSY/BACB/NASP**

4:00 pm–7:00 pm  
CBM  
CE Instructor: Joseph N. Ricciardi, Psy.D.

**Applied Clinical Interview Techniques and Strategies in Clinical Behavior Analysis: Capturing Critical Information While Building Rapport**  
JOSEPH N. RICCIARDI (Seven Hills Foundation; Seven Hills NeuroCare)

**Audience:** Intermediate. This is valuable for a behavior analyst within 3-5 years of practice, who can bring case experiences into the sessions, and looking to refine and deepen clinical assessment skills

**Level:** Intermediate

**Workshop #87** **CE: PSY/BACB**

4:00 pm–7:00 pm  
CSS  
CE Instructor: Anthony Biglan, Ph.D.

**Mobilizing Behavioral Science to Address Climate Change**  
ANTHONY BIGLAN (Oregon Research Institute) and MAGNUS JOHANSSON (Oslo and Akershus University College)

**Audience:** We believe that any person with training and behavior analysis would benefit from this workshop.

**Level:** Intermediate

**Workshop #88** **CE: BACB**

4:00 pm–7:00 pm  
CSS  
CE Instructor: Aaron Blocher-Rubin, Ph.D.

**Taking Your State ABA Association to the Next Level: A Workshop for Board Members and Future Leaders**  
AARON BLOCHER-RUBIN (Arizona Autism United)

**Audience:** Board members for state ABA associations, or anyone that wants to join their state ABA association board.

**Level:** Advanced

**Workshop #89** **CE: BACB**

4:00 pm–7:00 pm  
EDC  
CE Instructor: Katharine M. Croce, Ed.D.

**Exploring the Systematic Use of Self-Monitoring as a Behavioral Intervention: The Self & Match System**  
KATHARINE M. CROCE (Self & Match; The Chicago School of Professional Psychology) and JAMIE SIDEN SALTER (San Diego County Office of Education)

**Audience:** Participants will engage in active learning to increase their knowledge of implementing systematic self-monitoring as a behavior intervention. Workshop attendees will acquire a systematic guide to planning self-monitoring systems, as well as a Self & Match manual with substantial training materials. This workshop is designed for behavior analysts, consultants, school psychologists, autism specialists, special educators, teachers, administrators, parents, students, and/or others who primarily support individuals from pre-K to 21 in school, home, or clinic settings. Great workshop for individuals and/or teams!

**Level:** Intermediate

#### Workshop #90 CE: PSY/BACB/NASP

4:00 pm–7:00 pm  
EDC  
CE Instructor: Sunny Kim, Ph.D.

**Translating Applied Behavior Analytic Research Methodologies Into the Classroom Setting**  
SUNNY KIM (University of California, Santa Barbara - Extension; Koegel Autism Consultants; Direct-Ed)

**Audience:** The target audience for the proposed workshop include: teachers, practitioners, educators, administrators, school psychologists, speech-language pathologist, occupational therapists, and paraeducators/paraprofessionals.

**Level:** Basic

#### Workshop #91 CE: BACB

4:00 pm–7:00 pm  
EDC  
CE Instructor: Donny D. Newsome, Ph.D.

**“Mastery” Defined Functionally and Measured Behaviorally**  
DONNY D. NEWSOME and KENDRA B. NEWSOME (Fit Learning) and TIMOTHY C. FULLER (University of Nevada, Reno)

**Audience:** Applied behavior analysts and educators

**Level:** Intermediate

#### Workshop #92 CE: BACB

4:00 pm–7:00 pm  
OBM  
CE Instructor: Guy S. Bruce, Ed.D.

**Part 3: Pragmatic Supervision: Evaluate, Analyze, Change, and Repeat**  
GUY S. BRUCE (Appealing Solutions, LLC)

**Audience:** This three-part workshop is for supervisors, program designers, staff trainers, and directors of schools and agencies serving individuals with learning difficulties. All participants will receive a one-year subscription to ProgressCharter, an application that makes it easier to evaluate client progress, analyze causes of inadequate progress, and recommend changes so that all clients can make efficient progress. Attend this workshop to learn the skills needed to improve the performance of your staff so that every client can achieve success. Participants

should bring their laptops and smartphones or tablets to the workshop so that they can practice using ProgressCharter. Those who pre-register will receive some materials prior to the workshop.

**Level:** Intermediate

#### Workshop #93 CE: BACB

4:00 pm–7:00 pm  
OBM  
CE Instructor: Florence D. DiGennaro Reed, Ph.D.

**Using Behavioral Science to Produce Organizational Change**  
FLORENCE D. DIGENNARO REED, TYLER ERATH, and MATTHEW NOVAK (The University of Kansas)

**Audience:** The target audience should include mid- and upper-level management staff or owners of human service companies interested in developing agency- or department-level metrics for measuring quality or other performance indicators.

**Level:** Intermediate

#### Workshop #94 CE: PSY/BACB; Ethics

4:00 pm–7:00 pm  
OBM  
CE Instructor: Natalie A. Parks, Ph.D.

**Behavior Analytic Leadership: How to Use Behavioral Science to Lead Ethically in Our Field**  
ADAM E. VENTURA (World Evolve, Inc.), ASHLEY TUDOR (Behavior Leader), and NATALIE A. PARKS (Pulse Business Strategies LLC)

**Audience:** Target audience include BCBAs or business administrators who are in or will transition into a leadership position and want to learn how to lead in behavior analysis and using behavior analytic principles. Participants must have an understanding of behavior analytic terms.

**Level:** Intermediate

#### Workshop #95 CE: BACB

4:00 pm–7:00 pm  
OBM  
CE Instructor: Alyssa Kavner, M.A.

**A Practical Application of Evidence-Based Training Strategies**  
ALYSSA KAVNER and KIMBERLEY ANDREA ENLOE (Easterseals Southern California) and YENDRI DIAZ (weTrain)

**Audience:** Audience: Workshop target audience is ABA Clinical and Training Managers or Supervisors

**Level:** Intermediate

#### Workshop #96 CE: BACB

4:00 pm–7:00 pm  
PRA  
CE Instructor: Sarah C. Mead, Ph.D.

**Treatment “Failures” in Applied Behavior Analysis: What They Are and How to Remedy Them**  
SARAH C. MEAD (The University of Kansas)

**Audience:** Current Board Certified Behavior

Analysts, current master’s students in applied behavior analysis

**Level:** Intermediate

#### Workshop #97 CE: BACB

4:00 pm–7:00 pm  
PRA  
CE Instructor: Eitan Eldar, Ph.D.

**Using Physical Activity and Game to Enhance Learning, Social Skills, and Self-Control With Autistic and Typical Populations**  
EITAN ELDAR (Kibbutzim College, Israel)

**Audience:** Behavior Analysts, Teachers, Clinicians, Psychologists, Physical Educators

**Level:** Intermediate

#### Workshop #98 CE: BACB

4:00 pm–7:00 pm  
PRA  
CE Instructor: Andy Bondy, Ph.D.

**Prompting, Stimulus Control, and Error Correction: What’s Your Teaching Ritual?**  
ANDY BONDY (Pyramid Educational Consultants, Inc.)

**Audience:** While the primary target is an intermediate level, previous beginners and advanced participants have also left positive reviews.

**Level:** Intermediate

#### Workshop #99 CE: BACB

4:00 pm–7:00 pm  
PRA  
CE Instructor: Linda S. Heitzman-Powell, Ph.D.

**Treatment Goal Development for Insurance Approval**  
KATRINA OSTMEYER (Integrated Behavioral Technologies, Inc.; Behavioral Technologies Consulting Organization) and LINDA S. HEITZMAN-POWELL (The University of Kansas Medical Center; Behavioral Technologies Consulting Organization)

**Audience:** This workshop is designed for behavior analysts who work with third-party payers to provide ABA services to individuals diagnosed with autism.

**Level:** Intermediate

#### Workshop #100 CE: BACB

4:00 pm–7:00 pm  
PRA  
CE Instructor: Derek D. Reed, Ph.D.

**Professional Presentations: Public Speaking Skills for Behavior Analysts**  
DEREK D. REED (The University of Kansas)

**Audience:** Basic: anyone planning or preparing a professional presentation to deliver to non-behavior analysts is appropriate.

**Level:** Basic

#### Workshop #101 CE: BACB

4:00 pm–7:00 pm  
PRA  
CE Instructor: Elin Walker Jones, DClinPsy

**Beyond the Professional and Ethical Compliance Code: An Approach to Ethical Reasoning in Applied Behaviour Analysis**  
ALEXANDER TOOGOOD (Bangor University), ELIN WALKER JONES (Bangor University), J. CARL HUGHES (Bangor University)

**Audience:** Our target audience are qualified behaviour analysts seeking to obtain Ethics CEUs

**Level:** Intermediate

#### Workshop #102 CE: BACB; Ethics

4:00 pm–7:00 pm  
PRA  
CE Instructor: Amanda L. Little, Ph.D.

**Working Through an Ethical Dilemma Step-by-Step Using the Professional and Ethical Compliance Code**  
AMANDA L. LITTLE (The University of Texas at Austin, The Meadows Center) and NANETTE L. PERRIN (LifeShare USA)

**Audience:** Board Certified Behavior Analysts-Doctorate, Board Certified Behavior Analysts, Board Certified Associate Behavior Analysts, and Registered Behavior Technicians, or those training to be any of these who are seeking additional practice identifying and appropriately responding to ethical dilemmas they may face in their professional interactions with individuals/families, supervisors/supervisees, and other service providers.

**Level:** Intermediate

#### Workshop #103 CE: BACB; Ethics

4:00 pm–7:00 pm  
PRA  
CE Instructor: Melissa L. Olive, Ph.D.

**Ethical Issues in Billing for ABA Services**  
MELISSA L. OLIVE (Applied Behavioral Strategies LLC)

**Audience:** Practicing Behavior Analysts, business owners, supervisors of practicing behavior analysts

**Level:** Intermediate

#### Workshop #104 CE: BACB

4:00 pm–7:00 pm  
PRA  
CE Instructor: Frances Nieves Serret, M.S.

**Implementing Effective Competency-Based Parent and Caregiver Training**  
KATHERINE FRANCES COREY, FRANCES NIEVES SERRET, KATHERINE A. JOHNSON, and GINETTE WILSON BISHOP (Advances Learning Center)

**Audience:** The intended audience includes: BCBAs who design and implement parent/caregiver training; teachers, SLPs, behavioral instructors, or therapists who implement parent/caregiver training under BCBA supervision; anyone interested

in developing effective parent/caregiver training models for clients and their families.

**Level:** Intermediate

**Workshop #105** **CE: BACB/QABA; Ethics**

4:00 pm–7:00 pm  
PRA  
CE Instructor: Worner Leland, M.S.

**Gender-Affirming Clinical Skills for Behavior Analysts: Looking Through the Lens of BACB Ethics**  
WORNER LELAND (Upswing Advocates)  
and JANANI VAIDYA (The Chicago School of Professional Psychology)

**Audience:** BCBA-D, BCBA, BCaBA, RBTs, or those training to be any of these who are interested in building their competence around the topic of gender. Teachers, therapists, and other helping professionals are also welcome to attend.

**Level:** Basic

**Workshop #106** **CE: PSY/BACB**

4:00 pm–7:00 pm  
TBA  
CE Instructor: Monica Gilbert, M.S.

**Using Motivational Interviewing Techniques to Alter Motivating Operations and Increase Parent Engagement in ABA Therapy**  
MONICA GILBERT (Albizu University; Crystal Minds New Beginning) and JACQUELINE R. MOLINA (Lumiere Child)

**Audience:** BCaBA, BCBA, graduate students, and licensed psychologists.

**Level:** Basic

**Workshop #107** **CE: BACB**

4:00 pm–7:00 pm  
TBA  
CE Instructor: Eleanor Giles, M.S.

**Caught on Camera: Creating Video Models to Improve Our Teaching**  
ELEANOR GILES and REBECCA P. F. MACDONALD (New England Center for Children)

**Audience:** The target audience for this workshop is supervisors in the behavior analysis field who are looking to improve staff procedural integrity or implement parent training. The material will be presented at an intermediate level.

**Level:** Intermediate

**Workshop #108** **CE: BACB; Supervision**

4:00 pm–7:00 pm  
TBA  
CE Instructor: Jennifer Yakos, M.A.

**Keys to Success: Strategies for Providing Effective and Efficient Behavior Analytic Supervision and Mentorship**  
JENNIFER YAKOS and CECILIA KNIGHT (Institute for Behavioral Training)

**Audience:** This workshop would be appropriate for BCBA's providing behavior analytic supervision to individuals seeking BCBA/BCaBA certification, or ongoing supervision to BCaBAs and RBTs. It would also be appropriate for any therapist, educator, administrator, or professional who is supervising and managing the performance of staff, parents, instructional aides, or others.

**Level:** Intermediate

**#1 Special Event**

2:00 pm–5:00 pm  
Manchester Grand Hyatt, Harbor Ballroom C

**Closed Meeting: Affiliated Chapter Leadership Training**  
Chair: Steven Woolf (Beacon ABA Services)

ABAI is pleased to offer a Leadership Training Session for officers of ABAI affiliated chapters for the purpose of providing strategies for guiding the growth of chapters and providing services to members and constituents. Although this training is free for up to three officers per chapter, advanced registration is required and attendance is by invitation only.

**#2 Special Event**

3:00 pm–6:00 pm  
Manchester Grand Hyatt, Grand Hall D

**Closed Meeting: Special Interest Group Leadership Training**  
Chair: Michael J. Dougher (University of New Mexico)

ABAI is pleased to offer a Leadership Training Session for officers of ABAI Special Interest Groups (SIGs) for the purpose of providing strategies for guiding the growth of SIGs and providing services to members and constituents. This training is for SIG leaders only. Although the SIG training is free for up to three officers per SIG, registration is required. This event is closed; attendance is by invitation only.

**#3 Business Meeting**

7:00 pm–7:50 pm  
Marriott Marquis, San Diego Ballroom B

**Montana Association for Behavior Analysis**

Chair: Jackie Mohler (Montana Association for Behavior Analysis; Region IV Family Outreach)

We welcome current and new members to attend the Montana Association for Behavior Analysis business meeting. Business items will be reviewed along with updates on licensure, changes to bylaws made in 2017 will be reviewed and other Chapter events. This meeting is open to all current members of Montana Association of Behavior Analysis and those who are interested in how behavior analysis is growing in Montana!

**#4 Business Meeting**

7:00 pm–7:50 pm  
Marriott Marquis, Torrey Pines 1

**ABA Professional Committee of China Association of Rehabilitation of Disabled Persons**

Chair: Dorothy Xuan Zhang (The Chicago School of Professional Psychology; George Mason University; ABA Professional Committee of China Association of Rehabilitation of Disabled Persons)

This meeting will provide an update about the growth of the ABA Professional Committee of the China Association of Rehabilitation of Disabled Persons (ABA-CARDP) during the past year, including the current status of board-approved applied behavior analysis training course, research, and other activities.

**#5 Business Meeting**

7:00 pm–7:50 pm  
Marriott Marquis, Presidio 1

**Wisconsin Association for Behavior Analysis Business Meeting**

Chair: Roger Frank Bass (Bass Behavioral Consulting)

A full agenda is planned: (1) Building relationships with neighboring chapters including memberships, conference coordination, advocacy, and more; (2) The WisABA website will be discussed, comments taken, and revisions implemented based on feasibility and level of agreement regarding changes; (3) Discussion regarding governance will address bylaws, parent participation, and legislative action and outreach; (4) Reports from representatives will be presented or reported in absentia; (5) Reports from area coordinators will be requested and either presented or read in absentia. Topics include: Legislative Review/Action, Newsletter Coordinator, Website Coordinator, Secretary, Treasurer, CE Coordinator, Conference Coordinator, Membership Coordinator, WisABA University Coordinator. Please try to be there; substantive issues will be covered and decisions made regarding them.

# The Analysis of VERBAL BEHAVIOR

*The Analysis of Verbal Behavior* primarily features the original publication of experimental or theoretical papers relevant to a behavioral analysis of verbal behavior. Manuscripts are typically relevant to at least one of the following topics: the elementary verbal operants, autoclitics, multiple control, private events, rule-governed behavior, epistemology, scientific verbal behavior, language acquisition, language assessment and training, second languages, pedagogy, verbal behavior of nonhumans, verbal behavior research methodology, and the history of verbal behavior analysis.

**To learn more and subscribe, visit the registration desk or go online to [www.abainternational.org/journals/the-analysis-of-verbal-behavior](http://www.abainternational.org/journals/the-analysis-of-verbal-behavior).**



## #6 Business Meeting

7:00 pm–7:50 pm  
Marriott Marquis, San Diego Ballroom A

### Louisiana Behavior Analysis Association

Chair: Derek Jacob Shanman (Nicholls State University)

The Louisiana Behavior Analysis Association is a nonprofit membership organization which supports ABAI's mission to contribute to the well-being of society by developing, enhancing, and supporting the growth and vitality of the science of behavior analysis through research, education, and practice, and to promote access to responsible behavior analytic services by professionals sufficiently trained in the discipline of behavior analysis and compliance with relevant ethical standards. LaBAA was established in 2012. LaBAA is proud to be the ABAI affiliated chapter for Louisiana and an affiliate organization of APBA.

## #7 Business Meeting

7:00 pm–7:50 pm  
Marriott Marquis, San Diego Ballroom C

### Oregon Association for Behavior Analysis Business Meeting

Chair: Melissa J. Gard (Building Bridges; ORABA)

The Oregon Association for Behavior Analysis (ORABA) is an affiliated chapter of the Association for Behavior Analysis International (ABAI), an affiliate of the Association for Professional Behavior Analysts (APBA), and an approved CEU provider by the Behavior Analyst Certification Board (BACB). ORABA encourages the understanding of all aspects of behavior analysis and serve as a professional resource group for those who embrace and practice behavior analytic interventions. We support the design and implementation of evidence based practice to improve the lives of Oregonians. During this business meeting we hope to collaborate with members and interested parties to improve how our chapter meets the diverse needs of our members.

## #8A Business Meeting

7:00 pm–7:50 pm  
Marriott Marquis, Rancho Santa Fe 1-3

### Business Meeting of the Behavior Analysis Association of Mississippi

Chair: Dannell Roberts (BAAMS; Will's Way, LLC)

The BAAMS business meeting is held so that representatives of the BAAMS Executive Committee can update attendees on the activities of BAAMS over the past year, as well as on goals and activities for the future. This meeting is open to all current chapter members and to those who are interested in joining!

## #8 Business Meeting

7:00 pm–7:50 pm  
Marriott Marquis, Presidio 2

### Rehabilitation and Independent Living Special Interest Group

Chair: Chris Persel (Centre for Neuro Skills)

The Rehabilitation and Independent Living (R.A.I.L.) Special Interest Group has continued to support the need for expanding the impact of behavior analysis in the field of rehabilitation, neurorehabilitation, and related areas. Through presentations at the ABAI conference and SIG business meeting, the R.A.I.L. SIG helps to maintain dissemination, communication, and collaboration of information that has proven to be of interest to its members. Visit the page to check it out and join/like, the URL is <http://www.facebook.com/pages/ABA-Rehab-Special-Interest-Group/118243448217580>. Rehabilitation, and specifically neurorehabilitation professionals face unique behavior challenges with the population they serve. When individuals have experienced a disruption in neurological function whether from a traumatic brain injury, brain tumor, stroke or other neuro condition, it is not uncommon for difficult behaviors to emerge. Most allied health professionals, including physical therapists, speech and language pathologists, occupational therapists and nurses, do not focus on behavior remediation however in collaboration with behavior analysts can have a significant role in positive behavior change. Issues related to training, student development and research have been and will be reviewed at the SIG meeting. We welcome participants from all treatment disciplines and behavior analysts that currently work in the field of rehabilitation or have interests in populations outside of autism.

## #9 Special Event

7:00 pm–8:30 pm  
Marriott Marquis, Marina Ballroom G

### Student Welcome Event

Chair: Lorraine A Becerra (Utah State University)

The ABAI Student Committee will be hosting a special welcome event for current and future student members. During this session, Student Committee members will review useful information and distribute materials to help you make the best of your convention experience. From tips about how to put your best foot forward, to an overview of must-attend events, your Student Committee has you covered. Additionally, ABAI 2018 Student Survival Kits will be available to attendees on a first come first serve basis so don't be late!

## #10 Special Event

8:30 pm–10:00 pm  
Marriott Marquis, Marina Ballroom G

### ABAI Student Trivia Night

Chair: Kathryn M. Roose (University of Nevada, Reno)

Grab your friends and join the Student Committee for a fun night of trivia! Drop in at any time and join one of the 6 rounds hosted by leading researchers and academics in the field of behavior analysis. Test your knowledge about the ABAI organization, the field of behavior analysis, and the city of San Diego. Questions will range from easy to difficult and prizes will be delivered for winners of each team. Come mingle with other students and faculty and kick off the conference with a friendly game of trivia!

## #11 Special Event

9:00 pm–10:30 pm  
Marriott Marquis, Marina Ballroom DE

### International Reception

Chair: Per Holth (Oslo and Akershus University College of Applied Sciences)

All registrants are welcome to join us in celebrating the diversity of our membership and the world-wide dissemination of the science and practice of behavior analysis. A short presentation about international development in the field and ABAI global efforts will be followed by ample time to socialize with friends and colleagues from around the world.

Friday, May 25







**SAN  
DIEGO** 2018

**SATURDAY**  
MAY 26

Manchester Grand Hyatt San Diego; Saturday, May 26

	Room	6 am		7 am		8 am		9 am		10 am		11 am		12 pm		1 pm		2 pm	
		:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30
Fourth Level	Coronado AB									#32 CBM Ch. Kirkwood ‡				#58 CBM Ch. Irwin					
	Coronado DE									#37 DEV Ch. Krebs ‡				#63 DEV Ch. Speckman- Kilroe ‡					
	Regatta A-C									#38 EDC Ch. Johnson ‡									
	America's Cup A-D									#33 CBM Ch. Martner ‡\$				#59 CBM Ch. Miller					
Third Level	Cortez Hill A-C																		
	Bankers Hill																		
	Ocean Beach																		
	Mission Beach A-C																		
Second Level	Harbor Ballroom A									#21 DDA Ch. Boutot		#51 DDA Ch. McCollow							
	Harbor Ballroom B																		
	Harbor Ballroom C									#28 TBA ‡ Ch. Greenberg		#47 TBA Ch. Luke ‡		#71 TBA Ch. Reinecke					
	Harbor Ballroom D									#29 TBA Ch. Morford ‡		#53 EDC Ch. Lloyd ‡							
	Harbor Ballroom E																		
	Harbor Ballroom F																		
	Harbor Ballroom G									#23 EDC Ch. Hunter		#45 PRA Ch. Stedman-Falls							
	Harbor Ballroom HI											#54 EDC Ch. Joslyn ‡							
	Seaport Ballroom A											#44 PRA Ch. Bank ‡		#68 PRA ‡ Ch. Ferguson					
	Seaport Ballroom B									#39 PRA Ch. Griffith ‡				#69 PRA ‡ Ch. Bourland					
	Seaport Ballroom C									#26 PRA Ch. Zangrillo ‡		#55 PRA Ch. Lewis							
	Seaport Ballroom DE									#35 DDA Clay ‡				#61 DDA Miller ‡					
	Seaport Ballroom F									#16 AUT Welsh ‡		#50 AUT Davis							
	Seaport Ballroom G									#31 AUT Laitnen ‡				#56 AUT Sipila ‡					
	Seaport Ballroom H									#17 AUT Bratford ‡		#48 AUT Cividini-Motta ‡							
	Gaslamp AB																		
	Gaslamp CD																		
	Old Town AB																		
Lobby Level	Grand Hall A									#36 DDA Ward ‡				#62 DDA Gerencser ‡					
	Grand Hall B									#40 VRB Ch. DeSouza ‡				#72 VRB Ch. Lepper ‡					
	Grand Hall C									#15 AUT Raulston ‡		#49 AUT McKeown ‡							
	Grand Hall D									#30 AUT DeQuinzio ‡				#57 AUT Tincani					

Manchester Grand Hyatt San Diego; Saturday, May 26

3 pm		4 pm		5 pm		6 pm		7 pm		8 pm		9 pm		10 pm		11 pm		Room	Fourth Level
:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30		
				#129 CBM Ch. Dozier BQN				#146 NYSABA										Coronado AB	Fourth Level
#105 DEV Ch. Mercorella ‡				#133 DEV Ch. Commons *				#159 ILABA										Coronado DE	
								#151 Hawaii ABA										Regatta A-C	
#92 CBM Ch. Berardi		#115 CBM Ch. Groskreutz ‡	#130 CBM Ch. St Clair ‡					#166 Behav Dev SIG										America's Cup A-D	
																		Cortez Hill A-C	Third Level
								#156 History of BA SIG										Bankers Hill	
								#163 Gerontology SIG										Ocean Beach	
								#168 KYABA										Mission Beach A-C	
#103 DDA Ch. Ganz ‡				#131 DDA Ch. Sorenson ‡				#162 Clinical SIG										Harbor Ballroom A	Second Level
								#170 Neuroscience SIG										Harbor Ballroom B	
#110 TBA Ch. Gayman				#142 TBA Ch. Clark														Harbor Ballroom C	
				#141 TBA Ch. Rehfeldt ‡				#154 Journal of Behavioral Edu.										Harbor Ballroom D	
																		Harbor Ballroom E	Second Level
								#164 Sexual Behavior SIG										Harbor Ballroom F	
#107 EDC Ch. Nordlund				#138 PRA Ch. Hagopian														Harbor Ballroom G	
#102 AUT Ch. Chung ‡				#135 EDC Ch. Smith ‡														Harbor Ballroom H	
#98 PRA Ch. Luke ‡		#124 EDC Ch. Kieta ‡						#148 Nevada ABA										Seaport Ballroom A	Second Level
#99 PRA Ch. Heering ‡		#118 PRA Ch. Davis ‡	#137 PRA Ch. Brogan ‡				#158 Animal Behavior SIG											Seaport Ballroom B	
#109 PRA Ch. Lawless ‡				#139 PRA Ch. Marzella ‡				#165 Ethics SIG										Seaport Ballroom C	
#93 DDA Lark		#122 DDA Keevy																Seaport Ballroom DE	
#89 AUT Mistrey ‡		#114 AUT Litvak ‡\$		#126 AUT Voorde ‡				#147 Missing Operant										Seaport Ballroom F	Second Level
#87 AUT ‡ Jimenez-Gomez		#112 AUT Travers ‡		#127 AUT Ross				#150 BATS										Seaport Ballroom G	
#90 AUT Garcia-Albea ‡		#113 AUT Champlin ‡		#128 AUT Voltaire				#160 Bhvrl Medicine SIG										Seaport Ballroom H	
																		Gaslamp AB	
																		Gaslamp CD	Lobby Level
																		Old Town AB	
#104 DDA Luna ‡				#132 DDA Hoffaman ‡														Grand Hall A	
#111 VRB Ch. Halbur ‡				#143 VRB Ch. Lo ‡														Grand Hall B	
#101 AUT Schmidt ‡																		Grand Hall C	Lobby Level
#88 AUT Bullock		#120 AUT Gover ‡\$*															Grand Hall D		

LEGEND



- = Professional Development Series
- ‡ = PSY CE
- ‡ = BACB CE
- \$ = QABA CE
- \* = NASP CE
- Ch. = Chairperson

Marriott Marquis San Diego & Marina; Saturday, May 26																			
	Room	6 am		7 am		8 am		9 am		10 am		11 am		12 pm		1 pm		2 pm	
		:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30
South Tower Level 3	Marina Ballroom D									#19 CSS Ch. Pinney									
	Marina Ballroom E									#24 OBM Ch. Engasser †	#42 OBM Ch. DiNovi †	#66 OBM Ch. Gutierrez †							
	Marina Ballroom F									#34 CSS Ch. Fuqua †		#65 OBM Ch. Corso †							
	Marina Ballroom G									#20 CSS Ch. Alves da Rocha	#41 CSS Ch. Bordlein	#60 CSS † Ch. Thompson							
	Del Mar			#12 Yoga															
Second Floor Lobby Level	San Diego Ballroom A									#22 EAB Ch. Bennett									
	San Diego Ballroom B									#27 SCI † † \$* Ch. Barnes-Holmes	#46 SCI † † \$* Ch. Barnes-Holmes	#70 SCI † † \$* Ch. Gilroy							
	San Diego Ballroom C									#52 EAB Ch. Neuringer									
	Presidio 1																		
	Presidio 2																		
	Torrey Pines 1-3																		
	Rancho Santa Fe 1-3																		
	Grand Ballroom Pre-Function			Registration															
	Grand Ballroom 1-6															Poster Sessions #73-78			
	Grand Ballroom 7-9									#18 CBM Szabo † † \$*	#43 PCH Grether † † \$	#64 EDC Erchul † † \$*							
First Floor	Grand Ballroom 7-13					#13 Opening Ceremony and SABA Awards † † \$*													
	Grand Ballroom 10-13									#25 PCH Ch. Simon		#67 PCH Ch. Li							
	Pacific Ballroom 14-26			Bookstore												Poster Sessions #79-86			

Marriott Marquis San Diego & Marina; Saturday, May 26																			
3 pm		4 pm		5 pm		6 pm		7 pm		8 pm		9 pm		10 pm		11 pm		Room	
:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30		
#108 OBM Ch. Sleiman ‡								#153 Crime SIG										Marina Ballroom D	South Tower Level 3
		#125 OBM Ch. Sandaker						#149 BFSR									Marina Ballroom E		
#96 PCH Ch. Rosenberg ‡		#117 OBM Ch. Warman ‡		#136 OBM Ch. O'Neill ‡				#145 Ed & Treat Children										Marina Ballroom F	
#95 OBM Johansson †‡ \$*		#121 CSS Ch. Banna						#171 JOBM/OBM Network										Marina Ballroom G	
																		Del Mar	
#94 EAB Ch. De Souza		#123 EAB Ch. Toegel						#155 BHCOE										San Diego Ballroom A	Second Floor Lobby Level
#100 SCI Ch. Kyonka †‡ \$*		#119 SCI Ch. Hursh †‡ \$*		#140 SCI Ch. Johnson †‡ \$*				#169 SPABA SIG										San Diego Ballroom B	
#106 EAB Ch. Glenn				#134 EAB Ch. Sjoberg				#167 EAB SIG										San Diego Ballroom C	
								#152 BAARTS										Presidio 1	
																		Presidio 2	
								#161 ASAT										Torrey Pines 1-3	
								#157 PBS SIG										Rancho Santa Fe 1-3	
Registration																		Grand Ballroom Pre-Function	
																		Grand Ballroom 1-6	
#91 AUT Mandell †‡ \$*		#116 DDA Sohl †‡ \$*																Grand Ballroom 7-9	
						#144 †‡ \$* Presidential Scholar												Grand Ballroom 7-13	
#97 PCH Ch. Nord																		Grand Ballroom 10-13	
Bookstore										ABAI Expo #172-178								Pacific Ballroom 14-26	First Floor

LEGEND

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Special and Invited Events

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B. F. Skinner Lecture Series

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ABAI Services

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Professional Development Series

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PSY CE

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BACB CE

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QABA CE

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Chairperson

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### #12 Special Event

7:00 am–7:50 am  
Marriott Marquis, Del Mar

**Yoga: Revive and Refresh—Sponsored by the HSF SIG**  
Chair: Amanda C. Nicolson (Swan Consulting Inc.)

Revive and refresh from the busy conference with this yoga session open to all. No experience necessary to participate. A certified instructor will take you through this 1 hour long mixed level yoga class. Bring a mat or towel and wear comfortable clothes (no shoes).

### #13 Special Event

**Recorded**

8:00 am–9:20 am  
Marriott Marquis, Grand Ballroom 7-13  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Marcus Jackson Marr, Ph.D.

**Opening Event and Society for the Advancement of Behavior Analysis Award Ceremony**  
Chair: Marcus Jackson Marr (Georgia Tech)

**Humanitarian Award: The Power of Two: Families and Professionals Working as Partners for Children With Autism to Become Independent, Productive, and Happy**  
LILIANA MAYO (Centro Ann Sullivan del Peru)



Dr. Liliana Mayo received her doctoral training in the Department of Applied Behavior Science at the University of Kansas. She is the founder and executive director of Centro Ann Sullivan del Peru (CASP), in Lima, Peru, which serves more than 400 students with different abilities (especially those with the most severe limitations) and their families. Dr. Mayo is a professor of special education at the Universidad Peruana Cayetano Heredia and the Universidad Catolica, in Peru, and an Adjunct Faculty Member in the Department of Applied Behavior Sciences at the University of Kansas. Also she is a member of the National Council of Education in Peru. She is

the representative of CASP in the formal cooperative agreement between CASP and the Schiefelbusch Institute for Research in Life Span Studies at the University of Kansas, in the United States. Dr. Mayo has received numerous awards and recognitions due to her contributions to the development of successful practices that promote progress and full inclusion of people with different abilities in society through the high participation of parents in the School of Families, and the implementation of effective educational programs following a Functional Natural Curriculum. Among them are the Queen Sofia of Spain 1999, Award for Rehabilitation and Integration, the International Dissemination of Applied Behavior Analysis award in 2000, the Peruvian Government that is the Order 'El Sol del Peru' in the Commander Grade in 2007. She was honored by the government of Panama with the Order 'Maria Ossa de Amador' in the Grade of Grand Medal in 2012 and for the government of Dominican Republic, with 'Christopher Columbus' Heraldic Order' in 2014.

**Abstract:** One key to the success of our students at the Centro Ann Sullivan in Peru- CASP is what we call the "Power of Two," where families and professional work as a team. Dr. Mayo founded The School of Families of CASP 39 years ago with just 8 students and their families and now educates more than 450 families each year. At CASP, families are partners in the education of their children. Together with CASP professionals, they work as a team to provide the most comprehensive education for the students. CASP families receive a total of 171 hours of training annually, through group and individual sessions. Each family receives an Individual Educational Plan (IEP), updated annually, that outlines the skills they need to learn to be the best parents and teachers for their child. These skills are then taught in the classroom, in the community, and five times a year individual family training occurs in the home of the student. CASP believes the whole family is important to the success of the student and as such, twice a year more than 400 siblings of our students attend training to learn skills for how to be a sibling and also a teacher. As a result of many years of continuous training, some CASP families are now creating a multiplicative effect by training other families across Peru through the Mother-to-Mother Program and internationally through long distance education.

**Scientific Translation: Lost in Translation**  
MICHAEL PERONE (West Virginia University)



Michael Perone earned his Ph.D. in 1981 at the University of Wisconsin - Milwaukee. He was an assistant professor at the University of North Carolina at Wilmington before joining the faculty at West Virginia University in 1984, where he is a professor of psychology and an associate dean. Much of his current research is concerned with developing laboratory models of behavioral processes involved in problem behavior such as failures of self-control. He has served the field of behavior analysis as an associate editor of the *Journal of the Experimental Analysis of Behavior* and as president of ABAI. He currently serves as coordinator of the ABAI Accreditation Board.

Saturday, May 26

**Abstract:** Behavior analysis has been a translational science almost from the beginning. Even as Skinner warned against the mistake of allowing issues of application to affect the development of a science in its early stages (in *Behavior of Organisms*, 1938), he was already at work extending to human behavior the principles he had discovered with rats. This work would eventually appear in *Science and Human Behavior* (1953), *Verbal Behavior* (1957), and a series of papers on ways to increase the effectiveness of instruction (starting in 1954). At a more practical level, he invented the “air crib” to simplify infant care, a missile guidance system based on the visual acuity of pigeons, and a machine to promote student learning. Because translation is so deeply embedded in the behavior analytic Zeitgeist, it is easy to lose sight of it. In this brief talk, I will outline the development of behavior analysis as a translational science and describe some contemporary examples.

**International Dissemination of Behavior Analysis: Carrying Science and Practice in the Suitcase**  
 MARTHA COSTA HÜBNER (University of São Paulo)



Dr. Hübner is a professor of experimental psychology at the Institute of Psychology, University of São Paulo, and was coordinator of the graduate program in the experimental department from 2004 to 2010. She is also past president of the Brazilian Association of Psychology and of the Brazilian Association of Behavioral Medicine and Psychology. She conducts research at the Laboratory for the Study of Verbal Operants involving managing processes in the acquisition of symbolic behaviors such as reading, writing, and verbal episodes. She is currently immersed in three areas of research: investigating the empirical relations between verbal and nonverbal behavior, analyzing the processes of control by minimal units in reading, and studying verbal behavior programs for children with autism spectrum disorders.

**Abstract:** Under the leadership of its Executive Council, ABAI has been crossing geographical borders for more than four decades, disseminating behavior analysis globally. I have had the honor to be part of this dissemination, inspired by the belief that we can change lives all around the world. Although this award is for people or organizations demonstrating significant and sustained contributions to the dissemination/development of behavior analysis outside the United States, behavior analysts in the United States have long been role models for me; I have huge gratitude for these pioneers. Awareness of ABAI and of leading behavior analysts in the United States started early in my career: in 1982 I went to Harvard to meet B. F. Skinner, and in 1990 I was already a contact person in Brazil for ABAI. Brazilian professors in behavior analysis shaped my interest in international development, and Brazil now has one of the largest communities of behavior analysts. One of the ingredients of our success was the constant presence of model scientists and practitioners; North American behavior analysts were invited to visit our country to help build the field there. Fred Keller was the first, and we also benefited from the visiting professorships of such luminaries as Murray Sidman and Charles Catania all of whom made it clear that without science there could be no solid progress in our field; and without practice, no future. With these two elements in mind, we went abroad to convince people of the real importance of behavior analysis.

**Enduring Programmatic Contributions in Behavior Analysis: Behavior Analysis in Brasilia**  
 JOSELE ABREU RODRIGUES and Carlos Cancado (Universidade de Brasilia)



The Department of Basic Psychological Processes of the Institute of Psychology of the University of Brasilia offers the Post-Graduate Program in Behavioral Sciences. The master's degree aims to promote scientific competence in the field of behavioral sciences, contributing to the initial training of teachers and researchers. The Ph.D. aims to train professionals who act as independent researchers and as professors in undergraduate and post-graduate education in behavioral sciences. The master's and doctoral courses are organized in two main areas of concentration: behavior analysis and cognition and neuroscience of behavior. The area of behavior analysis aims to produce knowledge about basic processes of human and animal behavior and to investigate and interpret behavioral phenomena, based on functional relationships established by various natural environmental contingencies. It uses the theoretical-methodological reference of behavior analysis.

**Abstract:** The Graduate Program in Behavioral Sciences (Programa de Pós-Graduação em Ciências do Comportamento, PPG-CdC,) of the University of Brasilia (UnB), Brazil awards both Masters and Ph.D. degrees. It has played a pivotal role in the establishment and development of behavior analysis as a science and as a profession in Brazil since 1964, then under the leadership of Fred S. Keller and Carolina M. Bori and the collaboration of Rodolpho Azzi, John Gilmour Sherman, Robert Berryman and James R. Nazzaro. Faculty members of the graduate program at UnB have a good record of publications in both national and international scientific journals in behavior analysis (including the *Journal of the Experimental Analysis of Behavior*, *Journal of Applied Behavior Analysis*, *Brazilian Journal of Behavior Analysis*, *Mexican Journal of Behavior Analysis*), further attesting to the enduring contributions of the graduate program to the development of behavior analysis.

## #15 Symposium

10:00 am–10:50 am  
 Manchester Grand Hyatt, Grand Hall C  
 AUT; Applied Research  
 BACB CE Offered. CE Instructor: Amarie Carnett, Ph.D.

### **Repetitive Behavior in ASD: Current Trends in Research and Practice**

Chair: Tracy Jane Raulston (The Pennsylvania State University)  
 Discussant: Amarie Carnett (University of North Texas)

#### **Early Interventions for Repetitive Behavior in Autism: An Online Survey of Practices by Behavior Analysts**

SARAH GRACE HANSEN (Georgia State University), Tracy Jane Raulston (The Pennsylvania State University), and Wendy A. Machalicek and Laura Lee McIntyre (University of Oregon)

#### **A Meta-Analysis of Automatically-Maintained Vocal Stereotypy in Individuals With Autism Spectrum Disorder**

THEONI MANTZOROS, Ashley McCoy, and David L. Lee (The Pennsylvania State University)

## #16 Symposium

10:00 am–10:50 am  
 Manchester Grand Hyatt, Seaport Ballroom F  
 AUT/VRB; Applied Research  
 BACB CE Offered. CE Instructor: M. Fernanda Welsh, Ph.D.

### **Beliefs, Deception, and RFT, Oh My! Teaching Complex Verbal Behavior to Children With and Without Autism**

Chair: M. Fernanda Welsh (The ABRITE Organization)

#### **Teaching Children With Autism to Identify False Beliefs of Others**

AZIZULL KAUH DHADWAL (Pepperdine University; Autism Behavior Intervention) and Adel C. Najdowski (Pepperdine University)

#### **VB, RFT, and LOL: A Behavior Analytic Approach to Teaching Humor Comprehension**

ROCIO NUNEZ and Marianne L. Jackson (California State University, Fresno)

#### **Moving Toward Relational Complexity: Review and Critical Analysis of PEAK Research**

ALEXANDRIA EMILY LEIDT and Jonathan J. Tarbox (University of Southern California; FirstSteps for Kids)

## #17 Symposium

10:00 am–10:50 am  
 Manchester Grand Hyatt, Seaport Ballroom H  
 AUT/DDA; Applied Research  
 BACB CE Offered. CE Instructor: Christina Fragale, Ph.D.

### **Assessment and Treatment of Elopement for Individuals With Disabilities**

Chair: Tasia Brafford (University of Oregon)  
 Discussant: Christina Fragale (The University of Texas; The Meadows Center for the Prevention of Educational Risk)

#### **Systematic Review of Assessment and Treatment of Elopement in Individuals With Autism and Developmental Disabilities**

Buket Erturk (University of Oregon), NICOLE O'GUINN and Tonya Nichole Davis (Baylor University), and Wendy A. Machalicek (University of Oregon)

#### **Evaluation and Treatment of Elopement Among Children With Developmental Disabilities**

Nicole O'Guinn, Tonya Nichole Davis, and VIDA CANESTARO (Baylor University)

## #18 Invited Presenter

Recorded

10:00 am–10:50 am  
Marriott Marquis, Grand Ballroom 7-9  
CBM  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Thomas G. Szabo, Ph.D.

### Skinner's Operationalism, Selectionism, Loving Infinitely, and Building the Deepest Connection With Others in ABA Practice and ACT

Chair: Amy Murrell (University of North Texas)

THOMAS G. SZABO (Florida Institute of Technology)



Thomas G. Szabo, Ph.D., BCBA-D is a professor at Florida Institute of Technology. He graduated from the University of Nevada, Reno under the mentorship of W. Larry Williams and Steven C. Hayes. Over the last decade, Dr. Szabo has sought to develop iterations of acceptance and commitment therapy (ACT) suitable to the needs of ABA practitioners and within their specialized scope of practice. He has offered ACT training to parents, children, senior executives and frontline staff, and couples learning effective partner skills. With his students, Dr. Szabo is currently investigating behavioral flexibility training and a variety of applied-RFT strategies to promote learning and improved performance. Dr. Szabo is also the second chair of an international non-governmental organization, Commit & Act, which teaches women, children, and couples in Sierra Leone behavior-based strategies for partnership and empowerment.

**Abstract:** In "The Operational Analysis of Psychological Terms," Skinner proposed that the science of behavior needs a contingency analysis of the contexts in which scientists use terms. A term is valid only when it increases the scientist's capacity for prediction and influence, and not merely when it produces socially mediated reinforcers such as the approval and agreement of other scientists. Years later, Skinner continued to evolve contingency analysis in terms of Darwinian theory, which involves variation, selection, and retention. In this talk, I will argue that the pragmatic aims of ABA hinge upon these two conceptual advances and that Acceptance and Commitment Training (ACT) offers practitioners a way to harness Skinner's conceptual horsepower in service of helping others. In the ACT approach, ABA workers start where folks are at and talk with them about what they value most. About love. Family. Pain. Laughter. Building this kind of connection with stakeholders in ABA is neither unprofessional, nor is using common sense language an invitation to mentalism. It is the catwalk from unworkable essentialism to pragmatic contextualism. In this talk, I will bridge the conceptual with the pragmatic by sharing single case design data from our work with parents and children.

## #19 Panel Discussion

10:00 am–10:50 am  
Marriott Marquis, Marina Ballroom D  
CSS; Service Delivery

### Revolving Door of Volunteers: Ethical Considerations of International Service Provision

Chair: Molly Ola Pinney (Global Autism Project)

POOJA PANESAR (Kaizora Consultants)  
JULIA EJIOGU (Autism Care and Support Initiative)  
CRYSTAL S. THOMPSON (Believe Autism; Natural Behavior Solutions)

## #20 Paper Session

10:00 am–10:50 am  
Marriott Marquis, Marina Ballroom G  
CSS

### Ethics in Behavior Analytic Practice and Public Policy

Chair: Cesar Antonio Alves da Rocha (Universidade Federal de São Carlos)

**Paternalism Reloaded: On the Ethics of *Nudge* and Cultural Design** (Theory)  
CESAR ANTONIO ALVES DA ROCHA (Universidade Federal de São Carlos)

**Ethics on the Ground: Ethical Practice in Behavior Analysis** (Theory)  
Jacob Sadavoy and ANN BEIRNE (Global Autism Project) and Wafa Aljohani (The May Institute)

## #21 Paper Session

10:00 am–10:50 am  
Manchester Grand Hyatt, Harbor Ballroom AB  
DDA

### Effects of ABA on Behavior Displayed by Infants and Children With Down Syndrome or Fetal Alcohol Spectrum Disorder

Chair: Evelyn Amanda Boutot (Texas State University)

**What Can ABA Do for Infants With Down Syndrome? Results of a Pilot Feasibility Study** (Service Delivery)  
EVELYN AMANDA BOUTOT (Texas State University) and Samuel DiGangi (Arizona State University)

**Application of Applied Behavior Analysis Interventions With Children With Fetal Alcohol Spectrum Disorder** (Applied Research)  
SUSAN COPELAND, Megan Griffin, and Rolanda R. Maez (University of New Mexico)

## #22 Symposium

10:00 am–10:50 am  
Marriott Marquis, San Diego Ballroom A  
EAB/PCH; Service Delivery

### Circumvention of an Operant Analysis: How Do You Plead? EAHB SIG Award: Dr. Michael Perone

Chair: J. Adam Bennett (Western Michigan University)  
Discussant: Michael Perone (West Virginia University)

**From Lean to Rich: A Distinguished Career in EAHB**  
MARK GALIZIO (University of North Carolina Wilmington)

**Basic Research to Application and Back Again: It Takes a Laboratory**  
DEAN C. WILLIAMS (The University of Kansas)

## #23 Paper Session

10:00 am–10:50 am  
Manchester Grand Hyatt, Harbor Ballroom G  
EDC

### The Use of Behavioral Principles for Teaching Terms and Procedures

Chair: Stacey Helen Hunter (Bangor University)

**The Effectiveness of SAFMEDS to Help Students Learn Psychology Terms in High School** (Applied Research)  
STACEY HELEN HUNTER, Kate Geary, and J. Carl Hughes (Bangor University)

**Behavior Analysis in Medical Education: Establishing Behavioral Fluency in Key Clinical and Procedural Skills** (Applied Research)  
SINEAD LYDON (School of Medicine, National University of Ireland, Galway; School of Psychology, Trinity College Dublin); Dara Byrne, Paul O'Connor, and Bronwyn Reid McDermott (National University of Ireland Galway); Olive Healy (Trinity College Dublin); and Chloe Walsh and Louise Rabbitt (National University of Ireland, Galway)

## #24 Panel Discussion

Supervision

10:00 am–10:50 am  
Marriott Marquis, Marina Ballroom E  
OBM; Service Delivery  
BACB CE Offered. CE Instructor: Melissa Engasser, M.S.

### Work Hard, Play Harder: The Impacts of Provider Culture in the Workplace

Chair: Melissa Engasser (The Bedrock Clinic & Research Center, Inc.)

CLAUDIA MARIE MARZELLA (The Bedrock Clinic & Research Center, Inc.)  
KELLY O'NEIL (The Bedrock Clinic & Research Center, Inc.)  
PIERRE D. LOUIS (Bancroft)

## #25 Symposium

10:00 am–10:50 am  
Marriott Marquis, Grand Ballroom 10-13  
PCH/EAB; Service Delivery

### Merits and Challenges of Temporally Extended Activities as Functional Units in Behavior Analytic Research

Chair: Carsta Simon (Oslo Metropolitan University, Norway)  
Discussant: Julian C. Leslie (Ulster University)

**Individuals and Processes: Ontology For Behavior Analysis**  
WILLIAM M. BAUM (University of California, Davis)

**On Relating Darwinian Selection to Selection of Verbal Behavior During Our Lifetime**  
CARSTA SIMON (Oslo Metropolitan University, Norway)

## #26 Symposium

10:00 am–10:50 am  
Manchester Grand Hyatt, Seaport Ballroom C  
PRA/AUT; Applied Research  
BACB CE Offered. CE Instructor: Amanda Zangrillo, Psy.D.

### Addressing Unique Referral Concerns: Assessment and Treatment of Idiosyncratic Target Behaviors in Outpatient Settings

Chair: Amanda Zangrillo (Munroe-Meyer Institute; University of Nebraska Medical Center)

**Functional Analysis and Treatment of Covert Food Stealing in an Outpatient Setting**  
CHRISTINA SIMMONS (Rowan University), Jessica Akers (Baylor University), and Wayne W. Fisher (University of Nebraska Medical Center's Munroe-Meyer Institute)

**Use of Denial-Delay Tolerance Training in the Treatment of Ritualistic and Stereotypic Behavior**  
DEWEY DELISLE and Jessica L. Thomason-Sassi (New England Center for Children; Western New England University)

**Increasing Medical Adherence for Individuals With Autism**  
HAILEE STUESSER and Eileen M. Roscoe (New England Center for Children; Western New England University)

## #27 SQAB Tutorial

10:00 am–10:50 am  
Marriott Marquis, San Diego Ballroom B  
SCI; Theory  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Dermot Barnes-Holmes, Ph.D.

### Relational Frame Theory: Past, Present, and Future

Chair: Michael J. Dougher (University of New Mexico)

DERMOT BARNES-HOLMES (Ghent University)



Dr. Dermot Barnes-Holmes graduated from the University of Ulster in 1985 with a B.Sc. in Psychology and in 1990 with a D.Phil. in behavior analysis. His first tenured position was in the Department of Applied Psychology at University College Cork, where he founded and led the Behavior Analysis and Cognitive Science unit. In 1999 he accepted the foundation professorship in psychology and head-of-department position at the National University of Ireland Maynooth. In 2015 he accepted a life-time senior professorship at Ghent University in Belgium. Dr. Barnes-Holmes is known internationally for the analysis of human language and cognition through the development of Relational Frame Theory with Steven C. Hayes, and its application in various psychological settings. He was the world's most prolific author in the experimental analysis of human behavior between the years 1980 and 1999. He was awarded the Don Hake Translational Research Award in 2012 by the American Psychological Association, is a past president and fellow of the Association for Contextual Behavioral Science, is a recipient of the Quad-L Lecture Award from the University of New Mexico and most recently became an Odysseus laureate of the Flemish Science Foundation and a fellow of the Association for Behavior Analysis International.

**Abstract:** The seminal research on equivalence relations by Sidman (1994) and colleagues, which commenced in the early 1970s, led in the mid-1980s to the development of relational frame theory (RFT; Hayes, Barnes-Holmes, & Roche, 2001). The tutorial will present an overview of this 30 year-old unfolding research story and will consider some empirical and conceptual issues that appear to require focused attention as the story continues to unfold across the coming decades. In particular, the tutorial will commence by focusing on the historical and intellectual roots of RFT, identifying the work of Darwin,

Wittgenstein, Skinner, and particularly Sidman as critically important. The basic units of analysis proposed by RFT, as a behavior-analytic account of human language and cognition, will then be considered. The impact these analytic units have had, and still have, on RFT research will also be reviewed. A relatively new RFT concept, known as the multi-dimensional multi-level (MDML) framework will be presented. A recent model of specific properties of relational framing, the differential arbitrarily applicable relational responding effects (DAARRE) model, will also be considered. Finally, a case will be made to integrate the MDML and the DAARRE model into a hyper-dimensional, multi-level (HDML) framework.

## #28 Symposium

10:00 am–10:50 am  
Manchester Grand Hyatt, Harbor Ballroom C  
TBA  
BACB CE Offered. CE Instructor: Jeremy H. Greenberg, Ph.D.

### Behavioral Strategies for Inclusive Settings

Chair: Jeremy H. Greenberg (The Children's Institute of Hong Kong)

#### Using Peer-Mediated LEGO Play Intervention to Improve Social Interactions for Chinese Children With Autism in an Inclusive Setting

XIAOYI HU (Beijing Normal University), Qunshan Zheng (University of Florida), and Gabrielle T. Lee (Chongqing Normal University)

#### An Intervention Study of Story Grammar Instruction Based on Picture Books on the Oral Narrative Ability of a Student With Hearing Impairments in a General Education Classroom

HUAN LI and Zhengting Feng (Southwest University, Chongqing, China)

#### Applied Behavior Analysis as a Teaching Technology for Inclusion

Amoy Kito Hugh-Pennie (The Harbour School & HKABA), Hye-Suk Lee Park (KAVBA ABA Research Center), Nicole Luke (Surrey Place Centre), and TRACY YIP (The Children's Institute of Hong Kong)

## #29 Symposium

10:00 am–10:50 am  
Manchester Grand Hyatt, Harbor Ballroom D-F  
TBA/PCH; Service Delivery  
BACB CE Offered. CE Instructor: Zachary H. Morford, Ph.D.

### There's More Than One Tool in the Toolkit: Statistics for Behavior Analysts

Chair: Zachary H. Morford (Zuce Technologies, LLC)

#### Randomize, Test, Re-Randomize, and Infer: A Statistical Test for Single-Case Designs

KENNETH W. JACOBS and Linda J. Parrott Hayes (University of Nevada, Reno)

#### Using Multilevel Modeling to Quantify Individual Variability in Single-Subject Designs

WILLIAM DEHART (Virginia Tech Carilion Research Institute), Jonathan E. Friedel (National Institute for Occupational Safety and Health), and Charles Casey Joel Frye (Utah State University)

#### Comparing General Estimating Equations to Standard Analytic Techniques for Delay Discounting Data

JONATHAN E. FRIEDEL (National Institute for Occupational Safety and Health), William DeHart (Virginia Tech Carilion Research Institute), Yusuke Hayashi (The Pennsylvania State University, Hazleton), Anne Foreman (National Institute for Occupational Safety and Health), Oliver Wirth (National Institute for Occupational Safety and Health; Centers for Disease Control and Prevention), and Amy Odum (Utah State University)

## #30 Symposium

10:00 am–11:50 am  
Manchester Grand Hyatt, Grand Hall D  
AUT/DDA; Applied Research  
BACB CE Offered. CE Instructor: Jaime DeQuinzio, Ph.D.

### Improving Observational Learning in Children With Autism and Social Delays: Recent Advances in Research and Practice

Chair: Jaime DeQuinzio (Alpine Learning Group)  
Discussant: William H. Ahearn (New England Center for Children)

#### Evaluation of the Effects of Teaching Self-Echoic Responses on Observational Learning in Children With Autism

JAIME DEQUINZIO and Bridget A. Taylor (Alpine Learning Group)

#### Observational Learning of Social Responses by Children With Autism: Evaluation of Video Modeling and Verbal Coaching

Bridget A. Taylor, Elliot Recchia, STEPHANIE VENTURA, and Jaime DeQuinzio (Alpine Learning Group)



**The Effects of Peer Monitoring on Observational Stimulus Control in Preschoolers With and Without Social Delays: In-Vivo Versus Video and Learning Versus Performance**

BIANCA VASSARE and Jessica Singer-Dudek (Teachers College, Columbia University)

**Teaching Observational Learning to Children With Autism Spectrum Disorder: An In-Vivo and Video-Model Assessment**

ELIZABETH MCKAY SANSING and Karen A. Toussaint (University of North Texas)

**#31 Symposium**

10:00 am–11:50 am

Manchester Grand Hyatt, Seaport Ballroom G

AUT/VRB; Service Delivery

BACB CE Offered. CE Instructor: Sara Garbarini, M.Ed.

**Managing Generative Processes in the Development of Early Verbal Behavior Repertoires**

Chair: Kalle M. Laitinen (Personalized Accelerated Learning Systems)

Discussant: Sarah A. Lechago (University of Houston-Clear Lake)

**Revisiting Verbal Behavior Development: A 2 Year Follow Up**

Jessica Fernandez (Fit Learning Aptos), Richard E. Laitinen (Personalized Accelerated Learning Systems), and SHUBHRA GHOSH (Educational and Developmental Therapies, Inc.)

**Developing a Vocal Manding Repertoire: Establishing Stimulus Control Over Echoic Behavior to Teach the Mand**

CHARLENE GERVAIS (Portia Learning Centre; Porita International)

**Teaching Learners Who Use a Speech Generator Device to Mand for Information-Asking Questions About Hidden Objects**

SARA GARBARINI and Maria DeMauro (David Gregory School)

**Decreasing Echolalic Responses by Teaching a Conditional Response to the Autoclitic When Differentially Tacting From Two Options**

GLADYS WILLIAMS (Centro para la Investigacion y Ensenanza del Lenguaje), Sara Garbarini (David Gregory School), Goldean Lowe (IMUA Family Services, Maui, Hawaii), Monica Rodriguez Mori (Centro para la Investigacion y Ensenanza del Lenguaje), and Kenya Velazquez (Centro Altum)

**#32 Symposium**

10:00 am–11:50 am

Manchester Grand Hyatt, Coronado Ballroom AB

CBM; Applied Research

BACB CE Offered. CE Instructor: Valerie M. Volkert, M.A.

**Considerations Regarding the Assessment and Treatment of Pediatric Feeding Disorders**

Chair: Caitlin A. Kirkwood (Munroe-Meyer Institute; University of Nebraska Medical Center)

Discussant: Valerie M. Volkert (Marcus Autism Center and Emory School of Medicine)

**Effects of a High-Probability Instructional Sequence and Response-Independent Reinforcer Delivery on Pediatric Food Refusal**

SYDNEY BALL, Melanie H. Bachmeyer, Ashleigh Leuck, Casey Ogburn, and Elizabeth Gonzalez (University of North Carolina Wilmington)

**Prevalence of Extinction Bursts During Treatment of Inappropriate Mealtime Behavior**

CHRISTOPHER W. ENGLER, Suzanne M. Milnes, Vivian F. Ibanez, and Kathryn M. Peterson (University of Nebraska Medical Center's Munroe-Meyer Institute)

**An Evaluation of Stimulus Fading in the Treatment of Food Selectivity in Children With Autism Spectrum Disorder**

ELIZABETH GONZALEZ, Ashleigh Leuck, Kyndra Lawson, and Sarah Teague (University of North Carolina Wilmington)

**An Initial Evaluation of Trial-Based Functional Analyses of Inappropriate Mealtime Behavior**

ABBY HODGES, Stephanie Gerow, Tonya Nichole Davis, Supriya Radhakrishnan, and Kristin O'Guinn (Baylor University)

**#33 Symposium**

10:00 am–11:50 am

Manchester Grand Hyatt, America's Cup A-D

CBM/BPN; Applied Research

BACB/QABA CE Offered. CE Instructor: Tyler Nighbor, Ph.D.

**Novel Behavioral Economic Approaches to Assessing and Treating Substance Abuse**

Chair: Sarah Martner (University of Florida)

Discussant: Shrinidhi Subramaniam (Johns Hopkins University)

**Remote Delivery of a Soft Commitment Approach to Smoking Cessation**

DIANN GAALEMA and Irene Pericot-Valverde (University of Vermont) and Howard Rachlin (Stony Brook University)

**Real-Time Measures of Electronic Cigarette Use and Smoking: How Do Vaping and Smoking Interact?**

SARAH MARTNER and Jesse Dallery (University of Florida)

**Examining Interrelationships Between Delay Discounting and Simulated Demand for Cigarettes Among Pregnant Women**

TYLER NIGHBOR, Ivori Zvorsky, and Stephen T. Higgins (University of Vermont)

**Increasing Effective Contraceptive Use Among Opioid-Maintained Women at Risk for Unintended Pregnancy**

CATALINA REY, Sarah Heil, Alexis Matusiewicz, Heidi Melbostad, Stacey C. Sigmon, Gary J. Badger, and Stephen T. Higgins (University of Vermont)

**#34 Symposium**

10:00 am–11:50 am

Marriott Marquis, Marina Ballroom F

CSS/PCH; Service Delivery

BACB CE Offered. CE Instructor: Richard Wayne Fuqua, Ph.D.

**Make the World Sustainable Again: Behavior Analysis and Climate Change**

Chair: Richard Wayne Fuqua (Western Michigan University)

Discussant: Robert Gifford (University of Victoria)

**Understanding Climate Change Denial and Inaction: Does Behavior Analysis Have Anything to Add?**

CYNTHIA J. PIETRAS (Western Michigan University)

**Can Games Save the World From Global Warming?**

JOHN W. ESCH (Esch Behavior Consultants, Inc.)

**Influencing Cultural Selection: Evidence-Based Policy and Behavior Analysis**

BRANDON MARTINEZ-ONSTOTT (Western Michigan University)

**Behavioral Economics as a Framework for Empirical Public Policy on Climate Change**

STEVEN R. HURSH (Institutes for Behavior Resources, Inc.)

**#35 Symposium**

10:00 am–11:50 am

Manchester Grand Hyatt, Seaport Ballroom DE

DDA/VRB; Applied Research

BACB CE Offered. CE Instructor: Rocio Rosales, Ph.D.

**Effects of English and Spanish Languages on Responding: Cultural Accommodations for Learners With Disabilities**

Chair: Casey J. Clay (University of Missouri)

Discussant: Rocio Rosales (University of Massachusetts Lowell)

**The Effects of Language Preference Among Bilingual Individuals With Autism Spectrum Disorder and Other Intellectual Disabilities**

KARLA ZABALA and Kara L. Wunderlich (University of Georgia)

**Adapting Functional Communication Responses to Parents' Cultural Values: A Questionnaire**

MARLESHA BELL, Anna Garcia, Sarah E. Bloom, and Claudia Campos (University of South Florida)

**Culturally Adapted Functional Communication Training**

ANNA GARCIA, Sarah E. Bloom, Claudia Campos, Jennifer Rebecca Weyman, and Marlesha Bell (University of South Florida)

**An Evaluation of Culturally-Based Accommodations for Behavioral Skills Training**

JULIANA HOYOS and Casey J. Clay (University of Missouri), Emma Keicher and Miriam Tye (Thompson Center for Autism and Neurodevelopmental Disorders), and Jayme Murphy (University of Missouri)

**#36 Symposium**

10:00 am–11:50 am

Manchester Grand Hyatt, Grand Hall A

DDA/AUT; Applied Research

BACB CE Offered. CE Instructor: Shannon Ward, M.S.

**Transferring Successful Skill-Based Treatments to Caregivers**

Chair: Shannon Ward (New England Center for Children; Western New England University)

Discussant: Florence D. DiGennaro Reed (The University of Kansas)

**Caregiver Involvement, Implementation, and Longer Term Adherence in the Treatment of Pediatric Feeding Disorders**

Sarah Leadley and JAVIER VIRUES ORTEGA (University of Auckland)

**Meals Without Tears: The Treatment of Food Selectivity in Children With Autism**

JULIANA MARCUS (New England Center for Children); Gregory P. Hanley, Kyle Sears, Holly Gover, and Kelsey Ruppel (Western New England University); and Christine Ann Warner (New England Center for Children)

**A Technological Description of Teaching Parents to Implement Skill-Based Treatment of Socially-Mediated Problem Behavior**

ROBIN K. LANDA, Gregory P. Hanley, and Adithyan Rajaraman (Western New England University)

**Utility of a Training Rubric for Transferring Successful Skill-Based Treatment of Problem Behavior to Caregivers**

KELSEY RUPPEL, Adithyan Rajaraman, Gregory P. Hanley, Robin K. Landa, and Holly Gover (Western New England University)

**#37 Symposium**

10:00 am–11:50 am

Manchester Grand Hyatt, Coronado Ballroom DE

DEV/PRA; Service Delivery

BACB CE Offered. CE Instructor: Jessica Becraft, Ph.D.

**Recent Advances in Basic and Applied Research on Differential Reinforcement of Low Rates Procedures**

Chair: Chris Krebs (Florida Institute of Technology)

Discussant: Jessica Becraft (Kennedy Krieger Institute)

**The Effects of Spaced-Responding Differential Reinforcement of Low Rates of Responding on Avoidance Reduction in Humans**

EMMA GILLESPIE and Ioannis Angelakis (University of South Wales)

**Effects of Class-Wide Differential Reinforcement of Low Rates of Behaviour on Reducing Children's Requests for Teacher Attention**

LAURA NEAL, Hayley Wells, Jennifer L. Austin, and Ioannis Angelakis (University of South Wales)

**Differential Reinforcement of Low Rates Schedules Reduce Severe Problem Behavior**

ANDREW BONNER (University of Florida) and John C. Borrero (University of Maryland, Baltimore County)

**Reducing Requests for Attention by Adults With Intellectual Disabilities Using a Differential Reinforcement of Low Rates Schedule**

CHRIS KREBS (Florida Institute of Technology), Pablo Otalvaro (Florida Institute of Technology; Roe & Associates Integrated Behavior Supports Incorporated), Adam Thornton Brewer and Yanerys Leon (Florida Institute of Technology), and Jason Steifman (Roe & Associates Integrated Behavior Supports Incorporated)

**#38 Symposium**

10:00 am–11:50 am

Manchester Grand Hyatt, Regatta ABC

EDC; Service Delivery

BACB CE Offered. CE Instructor: Kent Johnson, Ph.D.

**Teaching and Assessing Mathematics, Writing, and Problem Solving with Typical and Near-Typical Learners**

Chair: Kent Johnson (Morningside Academy)

Discussant: Nancy Marchand-Martella (University of Oklahoma)

**Development of Spring Math: A Web-Based Tool for Response to Intervention for Mathematics**

AMANDA VANDERHEYDEN (Education Research & Consulting, Inc.)

**The Application and Adduction of Sentence-Combining Skills of Middle School Students Using Curriculum Based Assessment**

MARIANNE DELGADO, Kent Johnson, and Geoffrey H. Martin (Morningside Academy) and Emily Nordlund (Central Washington University)

**Peer Delayed Prompting With a New Math Curriculum**

NICOLE ERICKSON (Morningside Academy)

**An Ongoing Investigation of How to Teach and Measure Problem Solving**

WILLIAMS ADOLFO ESPERICUETA and Tomas Urbina, Andrew R. Kieta (Morningside Academy), and Traci M. Cihon and Awab Abdel-Jalil (University of North Texas)

**#39 Symposium**

10:00 am–11:50 am

Manchester Grand Hyatt, Seaport Ballroom B

PRA/TBA

BACB CE Offered. CE Instructor: Annette Griffith, Ph.D.

**Psychotropic Medication and Applied Behavior Analysis**

Chair: Annette Griffith (The Chicago School of Professional Psychology)

Discussant: Jennifer R. Zarcone (Kennedy Krieger Institute)

**Board Certified Behavior Analysts and Psychotropic Medications: Results of a Survey**

ANITA LI and Alan D. Poling (Western Michigan University)

**Training Opportunities for Behavior Analysts in Psychotropic Medication Treatments in ABAI-Accredited Graduate Programs**

ANNETTE GRIFFITH and Chrystal Jansz Rieken (The Chicago School of Professional Psychology), Jennifer R. Zarcone (Kennedy Krieger Institute), and Krystle Lee Curley and Jessica Calixto (The Chicago School of Professional Psychology)

**Psychotropic Medication Prescription Practices in Autism Spectrum Disorder**

CHRYSTAL JANSZ RIEKEN and Annette Griffith (The Chicago School of Professional Psychology), Jacqueline Huscroft-D'Angelo (University of Nebraska-Lincoln), and Wesley H. Dotson and Stacy L. Carter (Texas Tech University)

**Medication and Applied Behavior Analysis: A Prescription for Best Practice**

JENNIFER QUIGLEY, Elizabeth Dayton, Anna Marie DiPietro, Timothy Nipe, Rebekah Hinchcliffe, Amanda Gill, and Amanda Marie Finlay (Melmark), James Chok (Melmark Pennsylvania)

**#40 Symposium**

10:00 am–11:50 am

Manchester Grand Hyatt, Grand Hall B

VRB/AUT; Applied Research

BACB CE Offered. CE Instructor: Andresa De Souza, Ph.D.

**Advancements in Emergent Responding Research for Children With Autism**

Chair: Andresa De Souza (Marcus Autism Center, Emory University)

Discussant: David C. Palmer (Smith College)

**Establishment of Listener Behavior May Result in Emergent Intraverbal Behavior in Children With Developmental Delays**

HANNE AUGLAND, Inger Karin Almas, Svein Eikeseth, and Sigmund Eldevik (Oslo and Akershus University College of Applied Sciences)

**Promoting the Emergence of Untrained Intraverbals Using Instructive Feedback**

SARAH FRAMPTON (Marcus Autism Center) and M. Alice Shillingsburg (Marcus Autism Center; Emory School of Pediatric Medicine)

**Facilitating the Emergence of Convergent Intraverbals in Children With Autism**

ANDRESA DE SOUZA (Marcus Autism Center, Emory University) and Wayne W. Fisher and Nicole M. Rodriguez (Munroe-Meyer Institute; University of Nebraska Medical Center)

**Emergent Instruction Following via Joint Control**

MEGAN E VOSTERS (Munroe-Meyer Institute; University of Nebraska Medical Center; University of Houston-Clear Lake) and Kevin C. Luczynski (Munroe-Meyer Institute; University of Nebraska Medical Center)

**#41 Symposium**

11:00 am–11:50 am

Marriott Marquis, Marina Ballroom G

CSS/EAB; Service Delivery

**The Rise of Behavioral Economics in Relation to Behavior Analysis: Nudging and the Skinnerian Tradition: Contributions of Behavior Analysis to Behavioral Economics**

ELISE FURREBOE and Ingunn Sandaker (Oslo Metropolitan University, Norway)

**Feeding the Behavioral Revolution: Contributions of Behavior Analysis to Nudging Individuals and Groups**

MARCO TAGLIABUE and Carsta Simon (Oslo Metropolitan University, Norway)

**Nudging Joint Responsibility in Infection Prevention: A Field Experiment**

HILDE MOBEKK and Laila Stokke (Oslo Metropolitan University, Norway)

## #42 Panel Discussion

## Supervision

11:00 am–11:50 am  
Marriott Marquis, Marina Ballroom E  
OBM; Service Delivery  
BACB CE Offered. CE Instructor: Brett J. DiNovi, M.A.

### The Key Performance Indicators To Rapidly Scale A Human Services Business With Quality

BRETT J. DINOVI (Brett DiNovi & Associates, LLC)  
MATTHEW LINDER (Brett DiNovi & Associates, LLC)  
JOSEPH KENDORSKI (Brett DiNovi & Associates, LLC)

## #43 B. F. Skinner Lecture Series

## Recorded

11:00 am–11:50 am  
Marriott Marquis, Grand Ballroom 7-9  
PCH;  
BACB/PSY/QABA CE Offered. CE Instructor: Darlene E. Crone-Todd, Ph.D.

### Behavioral Interference Between Species

Chair: Darlene E. Crone-Todd (Salem State University)

GREG GRETHER (University of California, Los Angeles)



Gregory F. Grether, Ph.D., is a professor of ecology and evolutionary biology at the University of California Los Angeles (UCLA) and a fellow of the Animal Behavior Society. He completed his Ph.D. at UC Davis in 1995, moved to UC Santa Barbara with a NSF postdoctoral fellowship in 1996, and moved farther south to join the UCLA faculty in 1999. His field research has taken him farther south still, mostly to tropical rainforests. Although his first taxonomic interest was primates, he was influenced at a critical stage in graduate school by Krogh's principle, "For many problems there is an animal on which it can be most conveniently studied." Over the years, Greg and his students have studied a diverse assortment of animals, including insects, arachnids, fish, salamanders, lizards, birds and mammals. The common thread through all the projects is the role of behavior in ecological and evolutionary processes. He believes in the importance of studying the behavior of animals in their natural habitats, and many of his projects include field-based analogs of experiments that are traditionally carried out in the laboratory. He has also made novel contributions to evolutionary theory, most notably the theories of genetic compensation and agonistic character displacement.

**Abstract:** Aggression and reproductive interference are forms of behavioral interference that occur commonly between closely related species. Such between-species interactions can, and in most cases probably do, arise as a byproduct of activities that are part of the normal lives of animals, such as defending resources and attracting mates. However, the ecological and evolutionary consequences of behavioral interference between species can be quite distinct from the effects of the corresponding within-species interactions. Behavioral interference can determine whether species are able to coexist, and if they do coexist, how they evolve subsequently in response to each other through natural selection. Behavioral interference was probably part of human evolution, and could help explain why we are the only extant species in the genus *Homo*, but this talk will focus on what we know, with greater certainty, about the role of behavioral interference in the ecology and evolution of other animals. If behavioral interference is a costly interaction at the population level, why does it persist? In what ways, and to what extent, does behavioral interference affect the geographic ranges of species? How does behavioral interference affect the spread of invasive species, or the fate of endangered species? What is the evidence that behavioral interference has evolutionary consequences? I will use examples from the literature, as well as from my own research, to answer these and other questions, while striving to present a balanced perspective on the subject.

## #44 Symposium

11:00 am–11:50 am  
Manchester Grand Hyatt, Seaport Ballroom A  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: Nicole L. Bank, M.S.

### Seeking Guidance in Clinical Practice: The Scholarly Literature and Ethics

Chair: Nicole L. Bank (University of North Texas; The PartnerShip, LLC)

#### Evaluating Professional Behavior Analysts' Literature Searches

NICOLE L. BANK (University of North Texas; The PartnerShip, LLC) and Einar T. Ingvarsson (Virginia Institute of Autism)

#### A Model for Increasing Access to Literature in Human Service Agencies

JESSICA FOSTER JUANICO and Amber Valentino (Trumpet Behavioral Health) and Linda A. LeBlanc (LeBlanc Behavioral Consulting LLC)

#### Examining the Effects of a Network to Support Ethical Decision Making in Human Service Agencies

AMBER VALENTINO (Trumpet Behavioral Health)

## #45 Panel Discussion

11:00 am–11:50 am  
Manchester Grand Hyatt, Harbor Ballroom G  
PRA; Service Delivery

### On the Bidirectional Influence of Behavior Analysis and Technology

LISA M STEDMAN-FALLS (University of Florida)  
ALEJANDRO DIAZ (Florida International University)  
ANDREA CAROLINA VILLEGAS (University of Florida)

## #46 Invited Panel

11:00 am–11:50 am  
Marriott Marquis, San Diego Ballroom B  
SCI; Theory  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Yvonne Barnes-Holmes, Ph.D.

### Contextual Behaviorism: A Panel With Discussion

Chair: Yvonne Barnes-Holmes (Ghent University)

CAIO F. MIGUEL (California State University, Sacramento)  
RUTH ANNE REHFELDT (Southern Illinois University)  
JONATHAN J. TARBOX (University of Southern California; FirstSteps for Kids)



Dr. Caio Miguel is a professor of psychology and director of the Verbal Behavior Research Laboratory at California State University, Sacramento. He is also an adjunct faculty at Endicott College, MA, and at the University of São Paulo, Brazil. Dr. Miguel has published 60 articles and book chapters on basic and applied research related to verbal behavior and derived stimulus relations. He is the past-editor of *The Analysis of Verbal Behavior* and currently serves as an associate editor for the *Journal of Applied Behavior Analysis*. He is the recipient of the 2013-2014 award for outstanding scholarly work by the College of Social Sciences and Interdisciplinary Studies at Sacramento State, and the 2014 Outstanding Mentor Award by the Association for Behavior Analysis International. Dr. Miguel is a regular speaker at conferences all over the world.



Dr. Ruth Anne Rehfeldt is a professor in the rehabilitation services undergraduate program and an affiliated faculty in the Behavior Analysis and Therapy program. She holds a Ph.D. (1998) and MA (1995) from the Behavior Analysis Program (in Psychology) at the University of Nevada, and a BA (1993) in psychology from the University of Puget Sound. She is also a Board Certified Behavior Analyst at the doctoral level. Dr. Rehfeldt has taught undergraduate and graduate courses in research methods, behavioral assessment, principles of behavior, introduction to behavior analysis, verbal behavior, and radical behaviorism. Dr. Rehfeldt has

authored nearly 100 articles and book chapters, primarily in the areas of derived stimulus relations and verbal behavior. Dr. Rehfeldt has served as the editor of *The Psychological Record* for 12 years and has been an editorial board member for a number of behavior analytic journals over the years. She has co-edited one textbook with Yvonne Barnes-Holmes, entitled *Derived Relational Responding: Applications for Learners with Autism and Other Developmental Disabilities: A Progressive Guide to Change*, and is currently co-editing a textbook tentatively entitled, *Applied Behavior Analysis of Language and Cognition*, with Mitch Fryling, Jonathan Tarbox, and Linda Hayes.



Dr. Tarbox is the director of Research and Regional Clinic Director at FirstSteps for Kids, in the greater Los Angeles area. Dr. Tarbox has published two books on autism treatment, as well as over 60 peer-reviewed articles and chapters in scientific texts. Dr. Tarbox is a past member of the editorial boards of the *Journal of Applied Behavior Analysis* and *Research in Autism Spectrum Disorders* and a current member of the editorial boards of *The Analysis of Verbal Behavior*, *Behavior Analysis in Practice*, *Behavioral Development Bulletin*, and *Behavior Modification*. Dr. Tarbox's research interests include teaching complex language, social, and cognitive skills, as well as the assessment and treatment of feeding disorders and severe challenging behaviors.

**Abstract:** This session is coupled with, and immediately follows, a SQAB tutorial on contextual behaviorism presented by Dr. Dermot Barnes-Holmes. Panelists will be asked to speak briefly about their research program and to bring questions designed to foster discussion with audience members. The goal is to generate ideas and collaborative efforts among basic, translational, and applied scientists. The tutorial and panel discussion have arisen because the Society for the Quantitative Analysis of Behavior (SQAB), an organization that emphasizes fundamental sciences related to behavior analysis, meets immediately before ABAI. The tandem meetings of these two organizations present opportunities for attendees to hear about core sciences related to behavior analysis. The SQAB tutorials have provided an excellent spur for such discussions but we (SQAB and ABAI's Science Board) wish to take this a step further. This panel discussion, which represents a partnership between SQAB and ABAI, will create a setting in which basic and applied scientists, as well as practitioners, can meet to discuss applications of the topics raised in a SQAB tutorial.

## #47 Symposium

11:00 am–11:50 am  
Manchester Grand Hyatt, Harbor Ballroom C  
TBA; Applied Research  
BACB CE Offered. CE Instructor: Nicole Luke, Ph.D.

### Improving Social Interactions for Children With Autism

Chair: Nicole Luke (Surrey Place Centre)

#### Effects of Speaker Immersion on the Increase of Spontaneous Mands and Tacts

HYOUJA LEE (National University of Transportation, Korea) and Hye-Suk Lee Park, Hyomin Ahn, Sujeong Kim, Hyejeong Jang, and Yeonhee Yu (KAVBA ABA Children's Center)

#### Increasing "Object-Substitution" Symbolic Play in Young Children With Autism Spectrum Disorders

GABRIELLE T. LEE (Chongqing Normal University), Hua Feng (National ChangHua University of Education), Sheng Xu (Chongqing Normal University), and ShaoJu Jin (Sichuan University of Arts and Sciences)

#### Teaching Children With Autism to Relate Self to Others

WENCHU SUN and Hua Feng (National ChangHua University of Education)

## #48 Symposium

11:00 am–12:50 pm  
Manchester Grand Hyatt, Seaport Ballroom H  
AUT/PRA; Applied Research  
BACB CE Offered. CE Instructor: Christopher A. Tullis, Ph.D.

### Recent Research on the Treatment of Automatically Reinforced Behavior and the Impact of Various Levels of Treatment Integrity on Response Interruption and Redirection Outcomes

Chair: Catia Cividini-Motta (University of South Florida)  
Discussant: Christopher A. Tullis (Georgia State University)

#### The Use of a Multiple Schedule to Decrease Toe Walking in a Child With Autism

ANSLEY CATHERINE HODGES, Hallie Marie Ertel, and David A. Wilder (Florida Institute of Technology)

#### Further Evaluation of Treatments for Vocal Stereotypy: Respond Interruption Redirection and Response Cost

KIERSTY MCNAMARA and Catia Cividini-Motta (University of South Florida)

#### A Component Analysis of Response Interruption and Redirection for Vocal Stereotypy in Children With Autism Spectrum Disorder

KATHERINE PENA and Andrew L. Samaha (University of South Florida)

#### Response Interruption and Redirection Treatment Integrity Considerations

CANDICE COLON-KWEDOR (Behavioral Concepts Inc.), Kimberly Gauthier (New England Center for Children; Western New England University), and William H. Ahearn (New England Center for Children)

## #49 Symposium

11:00 am–12:50 pm  
Manchester Grand Hyatt, Grand Hall C  
AUT; Applied Research  
BACB CE Offered. CE Instructor: Ciobha Anne McKeown, M.S.

### Evaluating the Efficacy and Preference of Procedures to Train Caregivers in Compliance and Embedded-Teaching Strategies

Chair: Ciobha Anne McKeown (Munroe-Meyer Institute; University of Nebraska Medical Center)  
Discussant: Nicole Heal (Margaret Murphy Center for Children)

#### The Effect of Various High-P to Low-P Instruction Ratios on Compliance

HALLIE MARIE ERTEL, David A. Wilder, and Ansley Catherine Hodges (Florida Institute of Technology), Lianne Hurtado (Florida Institute of Technology)

#### An Evaluation of Self Instruction on the Implementation and Generalization of Guided Compliance

ELIZABETH FOLEY and Claudia L. Dozier (The University of Kansas); Jessica Foster Juanico (Trumpet Behavioral Health); and Bertilde U. Kamana, Rachel Jess, and Nicole Coleman (The University of Kansas)

#### An Evaluation of Caregiver Preference for Prompting Procedures

MARY HALBUR, Tiffany Kodak, Erin Corrigan, and Raven Wood (University of Wisconsin, Milwaukee) and Brittany Ann Juban (May Institute)

#### Caregiver Integration of Four Teaching Strategies in a Play Context on Child Acquisition and Preference

MAEGAN D. PISMAN and Kevin C. Luczynski (Munroe-Meyer Institute; University of Nebraska Medical Center)

## #50 Symposium

11:00 am–12:50 pm  
Manchester Grand Hyatt, Seaport Ballroom F  
AUT; Service Delivery

### Rules, Derived Relational Responding, and Understanding Complex Language

Chair: Haley Davis (Southern Illinois University)  
Discussant: Leah Verkuylen (Navigation Behavioral Consulting)

#### Evaluating the Effects of Relational Training on Complex Reasoning Skills for Children With Autism

LINDSEY RENEE ELLENBERGER, Mina Rohail, Dana Paliliunas, Becky Barron, and Mark R. Dixon (Southern Illinois University)

#### Teaching Hierarchical Responding in Children With Autism

ALYSSE A CEPEDA, Lindsey Renee Ellenberger, Mina Rohail, Becky Barron, and Mark R. Dixon (Southern Illinois University)

#### PEAK Implementation and Case Conceptualization Strategies for Clinical Intervention

MARY GRACE CAVALIERE, Emily Dzigan, Tyler S. Glassford, and Alyssa N. Wilson (Saint Louis University)

#### Walk the Walk and Talk the Talk: Review and Conceptual Analysis of Say-Do Correspondence Research

SAVANNAH PIO (University of Southern California) and Jonathan J. Tarbox (University of Southern California; FirstSteps for Kids)

## #51 Paper Session

11:00 am–12:50 pm  
Manchester Grand Hyatt, Harbor Ballroom AB  
DDA

### Understanding and Enhancing a Variety of Functional Skills Across the Lifespan

Chair: Meaghan McCollow (California State University East Bay)

#### Sexuality Education and Developmental Disabilities: Supporting the Development of Sexually Healthy Individuals Through Behavior-Based Strategies (Theory)

MEAGHAN MCCOLLOW (California State University East Bay) and Marissa Congdon (California State University, San Bernardino)

#### Influences on Developmental Delay as Antecedent Conditions: Support for Early Intervention (Theory)

RAY BROGAN and Nelly Dixon (Kaplan University)

#### Acquisition of Self-Feeding Skills for Children With Feeding Disorders (Applied Research)

HALLIE M. SMITH, Aaron D. Lesser, and Melissa Luke Gonzalez (Kennedy Krieger Institute, Johns Hopkins School of Medicine)

#### Using Google Maps to Teach Independent Navigation of the Community for Adults With Intellectual Disabilities (Service Delivery)

RICHARD PRICE and Marisa H Fisher (Michigan State University)

## #52 Symposium

11:00 am–12:50 pm  
Marriott Marquis, San Diego Ballroom C  
EAB/PCH; Service Delivery

### Behavioral Variability: Reinforcement and Induction

Chair and discussant: Allen Neuringer (Reed College)

#### Spontaneous Recovery of Reinforced Behavioral Variability

ANNIE GALIZIO, Jeremy Haynes, Charles Casey Joel Frye, and Amy Odum (Utah State University)

#### Recent Challenges to the View That Variability can be Directly Reinforced

SIV KRISTIN NERGAARD and Per Holth (Oslo and Akershus University College of Applied Sciences)

#### Numerosity Discrimination: Does it Affect Choice Under Variation Contingencies?

JOSELE ABREU RODRIGUES and Lucas Carmona (Universidade de Brasília)

#### The Sources of Adaptive Behavioral Variation: Simplifying the Problem

WILLIAM DAVID STAHLMAN (University of Mary Washington)

### #53 Symposium

11:00 am–12:50 pm  
Manchester Grand Hyatt, Harbor Ballroom D-F  
EDC/PRA; Service Delivery  
BACB CE Offered. CE Instructor: Brenda J. Bassingthwaite, Ph.D.

#### **Applications of Concurrent Operant Assessments in Public School Settings**

Chair: Blair Lloyd (Vanderbilt University)  
Discussant: Brenda J. Bassingthwaite (The University of Iowa Children's Hospital)

##### **Utility of Concurrent Operant Assessments to Inform Function-Based Interventions**

KAYLA RECHELLE RANDALL (Munroe-Meyer Institute; University of Nebraska Medical Center) and Blair Lloyd, Emily Weaver, Johanna Staubitz, and Naomi Parikh (Vanderbilt University)

##### **Choice Assessment to Evaluate On-Task Classroom Behavior**

BRITTANY PENNINGTON, Jennifer J. McComas, and Jessica J. Simacek (University of Minnesota)

##### **Oh the Places You'll Go: Concurrent Operant Assessment in School-Based Consults**

KATHLEEN SIMCOE, John E. Staubitz, Katie Gregory, and A. Pablo Juárez (Vanderbilt University Medical Center; TRIAD)

##### **Outcomes of a Concurrent Operant Assessment Training for School-Based Consultants**

AMY GRABER, Kristina Miiller, Hannah Stokes, and Jake Vitense (Grant Wood Area Education Agency)

### #54 Symposium

11:00 am–12:50 pm  
Manchester Grand Hyatt, Harbor Ballroom HI  
EDC/PRA; Applied Research  
BACB CE Offered. CE Instructor: P. Raymond Joslyn, Ph.D.

#### **School-Based Interventions With At-Risk Students: Addressing Academic Engagement, Student Interactions, and Disruptive Classroom Behavior**

Chair: P. Raymond Joslyn (Berry College)  
Discussant: Anthony Biglan (Oregon Research Institute)

##### **To Treat or to Teach: Comparing Strategies to Reduce Escape-Maintained Behavior**

LUCIE ROMANO, Claire C. St. Peter, Gabrielle Mesches, and Apral Foreman (West Virginia University)

##### **A Comparison of Positive and Negative Reinforcement With Secondary School Mathematics Avoiders With Emotional and Behavioural Disorders**

JENNIFER L. AUSTIN, Katie Scoble, Lynette Davies, and Ioannis Angelakis (University of South Wales)

##### **Does the Good Behavior Game Evoke Negative Peer Pressure? Analyses in Primary and Secondary School Classrooms**

EMILY GROVES and Jennifer L. Austin (University of South Wales)

##### **Training Teachers to Implement the Good Behavior Game With Juvenile Offenders**

P. RAYMOND JOSLYN (Berry College), Faris Rashad Kronfli (University of Florida), Timothy R. Vollmer (University of Florida)

### #55 Symposium

11:00 am–12:50 pm  
Manchester Grand Hyatt, Seaport Ballroom C  
PRA/CBM; Service Delivery

#### **Expanding the Role of Precision Teaching: Theory, Applications, and Technology for Clinical Psychology**

Chair: Abigail Lewis (Bx+)  
Discussant: Abigail B. Calkin (Calkin Consulting Center)

##### **Precision Measurement in the Clinical World: Beyond Educational and "Go-Fast" Targets**

STUART M. LAW (University of Nevada, Reno)

##### **Deliberate Practice and Precision Measurement: Utilizing Precision Measurement for the Development of Core Therapeutic Skills**

JOSH LOVELL (Hofstra University)

##### **Exposure Therapy With Precision Measurement: From Subjective Units of Distress Towards Objective Measurement**

TOM BUQO (Hofstra University)

##### **New Technologies to Enhance Continuous Observation**

DAVID STEVENS (Charlytics)

### #56 Symposium

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Seaport Ballroom G  
AUT/VRB; Applied Research  
BACB CE Offered. CE Instructor: Emma Seliina Sipila, Ph.D.

#### **Recent Research and Social Implications for Vocal and Augmentative and Alternative Communication Language Interventions**

Chair: Emma Seliina Sipila (Michigan State University)

##### **How Do Naïve Adults Respond to Requests for Information? A Comparison Between Two Forms of Augmentative and Alternative Communication**

EMMA SELIINA SIPILA and Matthew T. Brodhead (Michigan State University) and Lauren Brouwers and Mandy J. Rispoli (Purdue University)

##### **Teaching Mands for Information Using "Why" to Children With Autism**

ASHLEY MATTER, Amber Valentino, and Sherrene B. Fu (Trumpet Behavioral Health) and Jessica Padover (Scripps College)

##### **Teaching Intraverbal Fill-Ins to a Child With Autism Using a Speech-Generating Device and Systematic Instruction**

AMARIE CARNETT (University of North Texas) and Hannah Waddington and Alicia Marie Bravo (Victoria University of Wellington)

### #57 Symposium

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Grand Hall D  
AUT/EDC; Applied Research

#### **Advances in Prompting Strategies in Educational Settings**

Chair: Matthew Tincani (Temple University)

##### **Teaching Independent Work Skills Utilizing a Visual Schedule**

AMANDA MARIE FINLAY (Melmark), Timothy Nipe (Melmark)

##### **The Effects of an Apple Watch on Social Initiations of High-Functioning Students With Autism**

JUSTIN A. DIDOMENICO (Building Blocks Behavior Consultation, Inc.)

##### **Circle Time On-Task Data: Traditional Versus Smartboard**

CLAIRE L. KNOBBE (University of Arkansas), Elizabeth R. Lorah (University of Arkansas)

### #58 Symposium

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Coronado Ballroom AB  
CBM; Applied Research

#### **Assessing and Increasing Physical Activity in Typically-Developing Children**

Chair: Casey McKoy Irwin (University of North Carolina Wilmington)

##### **The Effect of Token Reinforcement on Moderate-to-Vigorous Physical Activity Exhibited by Young Children**

RUTVI R. PATEL (University of the Pacific), Matthew P. Normand (University of the Pacific), Carolyn S. Kohn (University of the Pacific), Kelly Roughgarden (University of the Pacific)

##### **Evaluating Public Posting, Self-Monitoring, Goal Setting, and Rewards to Increase Physical Activity in Children**

BRYON MILLER (University of South Florida), Raymond G. Miltenberger (University of South Florida), Cynthia P. Livingston (University of South Florida), Heather Zerger (University of South Florida), Diego Valbuena (University of South Florida)

##### **A Bout Analysis of Moderate-to-Vigorous Physical Activity in Children**

CASEY MCKOY IRWIN, Carole M. Van Camp, and Melissa Chappell (University of North Carolina Wilmington)

### #59 Symposium

12:00 pm–12:50 pm  
Manchester Grand Hyatt, America's Cup A-D  
CBM/OBM; Basic Research

#### **Assisted Observation: Using Technology to Better Measure Effective Responding to Aversive or Delayed Consequences**

Chair: Melissa Morgan Miller (University of Louisiana at Lafayette)

**Continuing Validation of a Computerized Behavioral Measure of Body Image Flexibility**  
JONAH DAVID MCMANUS, Emily Kennison Sandoz, and Kyla Zimmerman (University of Louisiana at Lafayette)

**The Choice Game: Preliminary Evaluations of a Computer-Based, Behavioral Assessment of Delay Discounting**  
DARYL RACHAL and Emily Kennison Sandoz (University of Louisiana at Lafayette), Jessica Auzenne, and Patrick Rappold and Madison Gamble (University of Louisiana at Lafayette)

**There Should Be An App For That: Facilitating Large-Scale, Self-Administered Behavioral Interventions In Business Settings**  
HAWK DUNCAN (Duncan Enterprises) and Daryl Rachal (University of Louisiana at Lafayette)

**#60 Panel Discussion** **Ethics**

12:00 pm–12:50 pm  
Marriott Marquis, Marina Ballroom G  
CSS; Service Delivery  
BACB CE Offered. CE Instructor: Crystal S. Thompson, M.S.

**Ethical and Sustainable: The SkillCorps Training Model**  
Chair: Crystal S. Thompson (Believe Autism)

NICOLE SKOTZ (Global Autism Project)  
KELLY DEACON (Global Autism Project)  
KSENIA KRAVTCHENKO (ABACS, LLC; Endicott College)

**#61 Symposium**

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Seaport Ballroom DE  
DDA/AUT; Applied Research  
BACB CE Offered. CE Instructor: Sarah J. Miller, Ph.D.

**Comparing Common Treatment Components in Behavior Interventions for Differential Effectiveness and Preference by Clients and Therapists**  
Chair: Sarah J. Miller (Marcus Autism Center; Emory University School of Medicine)

**An Assessment of Teacher Preference for Error Correction Procedures**  
KALLY M. LUCK, Dorothea C. Lerman, Brittany Zey, and Morgan Breau Campbell (University of Houston - Clear Lake)

**Comparison of Traditional and Embedded Discrete Trial Teaching to Improve Receptive Discriminations in Adolescents With Autism**  
CORTNEY DEBIASE, Jaime DeQuinzio, Nicole Schuierer, and Bridget A. Taylor (Alpine Learning Group)

**Client and Therapist Preference for Prompting Strategies to Increase Compliance**  
SARAH J. MILLER (Marcus Autism Center; Emory University School of Medicine), and Mindy Christine Scheithauer, Kelly Shirley, Kristina Gerencser, and Colin S. Muething (Marcus Autism Center)

**#62 Symposium**

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Grand Hall A  
DDA/AUT; Applied Research  
BACB CE Offered. CE Instructor: Kristina Gerencser, Ph.D.

**Use of Meta-Analyses and Consecutive Case Reviews as a Means to Synthesize Single Case Data**  
Chair: Kristina Gerencser (Marcus Autism Center)

**Meta-Analyses of Single Case Designs in Autism Research: Current Practices and Future Directions**  
WHITNEY L. KLEINERT and Cynthia M. Anderson (May Institute)

**Multi-Level Models to Analyze Single-Case Design Data: Differential-Reinforcement-of-Low-Rate Schedules as an Example**  
JESSICA BECRAFT (Kennedy Krieger Institute), John C. Borrero and Shuyan Sun (University of Maryland, Baltimore County), Anlara McKenzie (University of Maryland Baltimore County; Kennedy Krieger Institute), and Matthew Spann (University of Maryland, Baltimore County)

**Treatment of Enuresis for Children With Autism Spectrum Disorder**  
SHANNON KENNEDY HEWETT, Joanna Lomas Mevers, Colin S. Muething, Nathan Call, and Mindy Christine Scheithauer (Marcus Autism Center)

**#63 Symposium**

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Coronado Ballroom DE  
DEV/VRB; Service Delivery  
BACB CE Offered. CE Instructor: JeanneMarie Speckman-Kilroe, Ph.D.

**Investigating Bi-Directional Operants and Capabilities**  
Chair: JeanneMarie Speckman-Kilroe (Fred S. Keller School Teachers College Columbia University)

**The Prevalence of Uni-Directional and Bi-Directional Naming in One to Three-Year-Old Children: An Analysis of the Number of Naming Experiences to Acquisition**  
Cesira K. Farrell and STAVRA NICOLE ROMAS (Fred S. Keller School), JeanneMarie Speckman-Kilroe (Fred S. Keller School Teachers College Columbia University), and R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

**Conditioned Reinforcement for Delayed Drawing Responses as Related to Bidirectional Naming and Conditioned Seeing**  
NOOR YOUNUS SYED (Teachers College, Columbia University; Manhattanville College)

**An Investigation Into the Speaker-as-Own-Listener Repertoire and Reverse Intraverbal Responding**  
CESIRA K. FARRELL (Fred S. Keller School)

**#64 B. F. Skinner Lecture Series** **Recorded**

12:00 pm–12:50 pm  
Marriott Marquis, Grand Ballroom 7-9  
EDC  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Scott P. Ardoyn, Ph.D.

**Behavioral Consultation: Past, Present, and Future**  
Chair: Scott P. Ardoyn (UGA Center for Autism and Behavioral Education Research)

WILLIAM ERCHUL (University of California, Riverside)



William P. Erchul, Ph.D., ABPP, is a professor in the Graduate School of Education at the University of California, Riverside, and the director of its Ph.D. training program in School Psychology. He has previously served as professor of Psychology at North Carolina State University and research professor at Arizona State University. He is a Fellow of the American Psychological Association, recipient of APA Division 16's Lightner Witmer Award, past president of the American Academy of School Psychology, and past president of the Society for the Study of School Psychology. His primary research program centers on interpersonal processes and outcomes associated with psychological consultation and instructional coaching, and he has focused on issues of relational communication, social influence, and technology in much of this research. Dr. Erchul has been described as being "at the forefront of research on school consultation and coaching over the past 25 years" (Schultz, Arora, & Mautone, 2015). He has produced over 100 scholarly works, has been associate editor of *School Psychology Quarterly*, and has served on the editorial review boards of nine scholarly journals.

**Abstract:** Behavioral consultation (BC), wherein a consultant changes a target client's behavior by working directly with a mediator (e.g., K-12 teacher) who serves as interventionist, has long been an important topic in school psychology and applied behavior analysis. This presentation examines key historical developments in BC, such as the impact of Bergan, Kratochwill, and others' verbal interaction and competency-based training research, and then considers the state of current BC practice in schools and related settings. The presentation concludes with some speculations about how technology will affect future BC practice.

**#65 Symposium**

12:00 pm–12:50 pm  
Marriott Marquis, Marina Ballroom F  
OBM/CSS; Service Delivery  
BACB CE Offered. CE Instructor: Kent A. Corso, Psy.D.

**ABA Adds Unique Value to Suicidology and Law Enforcement**  
Chair: Kent A. Corso (NCR Behavioral Health, LLC)  
Discussant: Mark P. Groskreutz (Southern Connecticut State University)

**Why Law Enforcement Needs Applied Behavior Analysis**  
AMY D. WIECH (ABC Group, Inc. Hawaii)

**Suicides in the Air National Guard: Predictive Models and a Reduction Recipe**  
KENT A. CORSO (NCR Behavioral Health, LLC), James Meador (Grand Canyon University), Abigail B. Calkin (Calkin Consulting Center), and Michael Kondis (Xcelerate Innovations LLC)



## #66 Panel Discussion

12:00 pm–12:50 pm  
Marriott Marquis, Marina Ballroom E  
OBM; Basic Research  
BACB CE Offered. CE Instructor: Rick Gutierrez, M.S.

### Strategies for ABA Provider Staff Retention: A Benchmark Study

Chair: Rick Gutierrez (Easterseals Southern California)

MANUEL A. RODRIGUEZ (ABA Technologies, Inc.)  
PAULA POMPA-CRAVEN (Easterseals Southern California)  
ALYSSA KAVNER (Easterseals Southern California)

## #67 Paper Session

12:00 pm–12:20 pm  
Marriott Marquis, Grand Ballroom 10-13  
PCH

### Computers, Decimals, and Classification. Oh My!

Chair: Martti T. Tuomisto (Faculty of Social Sciences, University of Tampere)

#### Principles and Functions of Behavior in the Classification of Behavior Problems Using the “Decimal System” (Theory)

MARTTI T. TUOMISTO (University of Tampere)

## #68 Symposium

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Seaport Ballroom A  
PRA/AUT; Service Delivery  
BACB CE Offered. CE Instructor: Julia Ferguson, M.S.

### Progressive Approaches to Reinforcer Identification, Assessment, and Techniques

Chair: Julia Ferguson (Autism Partnership Foundation)

#### Evaluating the Use of a Magic Number Token System to Increase Commenting for Children With Autism Spectrum Disorder

CHRISTINE MILNE and Joseph H. Cihon (Autism Partnership Foundation; Endicott College) and Julia Ferguson, Justin B. Leaf, Ronald Leaf, and John James McEachin (Autism Partnership Foundation)

#### Use of a Level System to Improve Synchronous Engagement for Children With Autism Spectrum Disorder

JULIA FERGUSON (Autism Partnership Foundation), Joseph H. Cihon (Autism Partnership Foundation; Endicott College), and Justin B. Leaf, John James McEachin, and Ronald Leaf (Autism Partnership Foundation)

#### Comparing Multiple Stimulus Without Replacement to the in-the-Moment Reinforcer Analysis

ADITT ALCALAY and Julia Ferguson (Autism Partnership Foundation), Joseph H. Cihon (Autism Partnership Foundation; Endicott College), and Justin B. Leaf, Ronald Leaf, and John James McEachin (Autism Partnership Foundation)

## #69 Panel Discussion

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Seaport Ballroom B  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: Gordon Bourland, Ph.D.

### Varieties of Experience in Establishment of Behavior Analyst Licensure: Reports From States With Newly Established Licensure

Chair: Gordon Bourland (Trinity Behavioral Associates)

KATHERINE MIRIAM JOHNSON-PATAGOC (Texana Center)  
JAMES T. TODD (Eastern Michigan University)  
JACKIE MOHLER (Family Outreach)

## #70 SQAB Tutorial

12:00 pm–12:50 pm  
Marriott Marquis, San Diego Ballroom B  
SCI; Theory  
BACB/QABA/NASP CE Offered. CE Instructor: Shawn Patrick Gilroy, Ph.D.

### Open-Sourcing Behavior Analysis: Technology for Enhancing Research and Practice

Chair: Donald A. Hantula (Temple University)

SHAWN PATRICK GILROY (National University of Ireland)



Dr. Shawn Gilroy received his Ph.D. from Temple University, in School Psychology and Behavior Analysis. While training at both the Munroe-Meyer and the Kennedy Krieger Institutes, his research focused on the incorporation and development of technology to enhance clinical measurements and analyses. He is presently on a Marie Skłodowska-Curie research fellowship in Ireland at the National University of Ireland at Galway and his focus is on developing free and open-source communication tools for children with autism and intellectual disabilities and their caregivers. The goal of his current project is to establish low-cost, evidence-based

hardware and software that can be used by schools and families in conjunction with evidence-based treatments for individuals with communication disorders (i.e., tablet and specialized software for under \$50 total). Beyond hardware and software development, his interests also include the use of technology to enhance analyses of decision-making, adapt behavior economic analyses to clinical applications, and model intertemporal choice.

**Abstract:** This tutorial provides a primer on open-source software designed for behavior analysts and behavioral scientists. The review includes an overview of existing works and highlights software designed to extend the range and precision of behavior analytic work. This tutorial also discusses the emerging role of open-source software and software repositories as necessary adjuncts to peer-reviewed works and evidence-based tools. For researchers, open-source repositories provide an additional means for increasing the transparency, replicability, and extendibility of existing approaches. For practitioners specifically, several open-source tools provide applied behavior analysts with additional clinical information that was previously unavailable without substantial time, complicated data collection, and statistical training. Topics covered will include delay discounting, applied behavioral economics, and severe behavior and the tutorial provides examples of how such software can be applied in both clinical work and research. The specific operations performed by these tools include non-linear curve fitting, model selection, inter-rater reliability, and time-based lag sequential analyses.

## #71 Symposium

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Harbor Ballroom C  
TBA/AUT;

### The Use of Technology in Conducting Quality Research in a Distance Format

Chair: Dana R. Reinecke (Long Island University Post)

#### Mand Acquisition Across Different Teaching Methodologies

SARAH RUSSELL (ASPIRE LLC) and Dana R. Reinecke (Long Island University Post)

#### The Effects of the Student Facilitator Role on Quality, Quantity, Content and Test Scores

SAM BLANCO (Endicott College) and Cheryl J. Davis (7 Dimensions Consulting/SupervisorABA)

#### The Use of an Online Laboratory (CABALAB) to Conduct Applied Research

BENJAMIN C. MAURO (The Sage Colleges, Center for Applied Behavior Analysis)

## #72 Symposium

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Grand Hall B  
VRB; Applied Research  
BACB CE Offered. CE Instructor: Tracy L. Lepper, Ph.D.

### Variables Affecting Tact Acquisition and Outcomes of Tact Instruction

Chair: Tracy L. Lepper (McNeese State University)

#### Comparing Error Correction to Most-to-Least Prompting to Train Tact Relations for Individuals Diagnosed With Autism Spectrum Disorders: A Randomized Clinical Trial Study

JOSEPH H. CIHON (Autism Partnership Foundation; Endicott College), Justin B. Leaf, Julia Ferguson, Ronald Leaf, and John James McEachin (Autism Partnership Foundation)

#### Effects of Pictorial Preference for Target Stimuli During Tact Training

JIMMY F. TRAHAN and Tracy L. Lepper (McNeese State University) and Charlotte Lynn Carp (Southeastern Louisiana University)

#### Tact Emergence Following Contiguous Presentation of Verbal and Nonverbal Stimuli: Does Echoic Responding Play a Role?

ANNA I. PETURSDOTTIR (Texas Christian University), Stephanie Neaves (Texas Christian University), Orlexia Thomas (Texas Christian University)

#### #73 Poster Session

1:00 pm–3:00 pm

Marriott Marquis, Grand Ballroom 1-6

AAB

Chair: Terri M. Bright (MSPCA Angell)

*Discussant: Valeri Farmer-Dougan (Illinois State University)*

**1. Differential Effects of Reinforcement in Shelter Versus Pet Dogs** (EAB; Basic Research) JENNIFER GAVIN, Antonia Berenbaum, and Valeri Farmer-Dougan (Illinois State University)

**2. Effectiveness of a Jackpot to Decrease Session Time for Discrete Trials in Canines** (EAB; Applied Research) ANTONIA BERENBAUM, Jennifer Gavin, and Valeri Farmer-Dougan (Illinois State University)

**3. Associations Between Behavioral Persistence, Discrimination Learning, and Stationary Behavior** (EAB; Applied Research) SHIVANI DALAL and Nathaniel Hall (Texas Tech University)

**4. Teaching Horses to be Calm During Clipping** (Applied Research) ALISON KATE HARDAWAY and Jesus Rosales-Ruiz (University of North Texas)

**5. Development of Point Following Behavior in Shelter Dogs** (Applied Research) TATJANA JARVIS and Nathaniel Hall (Texas Tech University)

**6. Evaluation of Use of Goats to Reduce Invasive Weeds: Behavioral Observations, Structured Preference Assessments, and Plant Regrowth Measures** (EAB; Applied Research) MARCIE DESROCHERS, Lori-Ann B. Forzano, Kathryn Amatangelo, Brett Bock, and Kira Broz, McKenzie Wybron (The College at Brockport - State University of New York)

*Discussant: Lindsay Renee Mehrkam (Monmouth University)*

**7. Does Training Matter: A Systematic Review of Caregiver Training Within Human-Canine and Human-Human Dyads** (PRA; Applied Research) NICOLE PFALLER-SADOVSKY and Karola Dillenburger (Centre for Behaviour Analysis, School of Social Sciences, Education and Social Work, Queen's University Belfast) and Camilo Hurtado-Parrado and Lucia Medina (Konrad Lorenz Fundación Universitaria)

**8. A Comparison of Preference Assessment Methods With Shelter Dogs** (Applied Research) CINTYA TOLEDO FULGENCIO, Steven W. Payne, and Maria Salmeron (California State University, Fresno)

**9. Treatment Analysis of Stereotypic Behaviors Exhibited by a Captive Male Jaguar (*Panthera onca*)** (EAB; Applied Research) MEGAN COLLEEN MORRIS and Valerie Segura (Jacksonville Zoo and Gardens), Dan Maloney (Jacksonville Zoo and Gardens), and Terry L. Maple (Jacksonville Zoo and Gardens; Florida Atlantic University)

**10. Measuring Odor Capacity on a Natural Odor Detection Task** (EAB; Applied Research) ARMANDO DANTE MENDEZ, Stephanie Soto, and Nathaniel Hall (Texas Tech University)

**11. Integrating Therapy Dogs Into a Social Skills Group Program for Children With Autism Spectrum Disorder** (AUT; Applied Research) KIRSTEN LEATHERWOOD (Texas Tech University)

**12. Assessing Assessments of Dog Toy Preference** (Applied Research) MEGAN ELIZABETH ARANT and Alexandra Protopopova (Texas Tech University)

**13. An Investigation of the Influence of Human Behavior on the Development of Canine Separation Anxiety** (EAB; Applied Research) AARON TEIXEIRA, Nathaniel Hall, and Shelby Bramlett (Texas Tech University)

#### #74 Poster Session

1:00 pm–3:00 pm

Marriott Marquis, Grand Ballroom 1-6

BPN

Chair: Matthew W. Johnson (Johns Hopkins University School of Medicine)

*Discussant: Carla H. Lagorio (University of Wisconsin-Eau Claire)*

**14. Delay Discounting and Cannabinoid Enzyme Inhibitors** (Basic Research) DEVIN GALDIERI and Karen G. Anderson (West Virginia University)

**15. Treatment of Life-Threatening Vomiting with Electroconvulsive Therapy** (DDA; Applied Research) AMANDA GONZALES (WellSpan Philhaven CADD) and Steven Sciortino Jr. (Vista Adult Services Organization; Drexel University)

**16. Examination of the Effects of Adult Chronic Olanzapine on Food Demand** (EAB; Basic Research) DANTON SHOEMAKER and Paul L. Soto (Texas Tech University)

**17. Effects of Methylphenidate on Sensitivity to Reinforcement Amount, Delay, and Probability: Implications for Impulsive and Risky Choice** (EAB; Basic Research) JEREMY LANGFORD, Christine E. Hughes, and Raymond C. Pitts (University of North Carolina Wilmington)

**18. Effects of N-Methyl-D-Aspartate Antagonists on the Odor Span Test of Working Memory in Rats** (Basic Research) MICHAEL JOHN MATHEWS (West Virginia University) and Mark Galizio (University of North Carolina Wilmington)

**19.  $\Delta^9$ -Tetrahydrocannabinol Withdrawal Increases Perseverative Responding in Mice** (Basic Research) MATTHEW LELAND ECKARD, Karen G. Anderson, and Steven Kinsey (West Virginia University)

**20. An Introduction to Bayesian Reasoning for the Analysis of Delay Discounting Data** (TBA; Theory) CHRISTOPHER FRANCK and Warren K. Bickel (Virginia Polytechnic Institute and State University)

**21. Undergraduate Demand for Fake IDs: Relations to Substance Use and Behavioral Economic Implications for Policy** (CSS; Applied Research) LONDONNE AYERS, Rachel Nicole Foster, and Derek D. Reed (The University of Kansas)

**22. Sex Differences in Midazolam Self-Administration in Rats** (EAB; Basic Research) JAMES E. COOK and Sally L. Huskinson (University of Mississippi Medical Center) and James K. Rowlett (University of Mississippi Medical Center; Tulane National Primate Research Center)

**23. Historical Research Highlights From Intersectional Pharmacological and Neuroscientific Fields** (Theory) STEPHANIE CRAN (University of North Texas) and April M. Becker (University of Texas Southwestern Medical Center; University of North Texas)

**24. Rats and Red Bull: A Study on Creativity** (AAB; Applied Research) PAIGE ORFIELD, Matthew E. Andrzejewski, Logan Wild, and Ryan Powers (University of Wisconsin-Whitewater)

#### #75 Poster Session

1:00 pm–3:00 pm

Marriott Marquis, Grand Ballroom 1-6

EAB

Chair: Elizabeth Kyonka (University of New England)

*Discussant: Amy Odum (Utah State University)*

**25. The Problematic Inter-Trial-Interval in Delay Discounting Experiments on Animals** (AAB; Basic Research) ESPEN SJOBERG, Per Holth, and Hans Martin Ottåsen (Oslo and Akershus University College of Applied Sciences); Ricardo Pellon (Universidad Nacional de Educación a Distancia); and Espen Borgå Johansen (Oslo and Akershus University College)

**26. Altruism and Self-Control in Children and Adolescents** (Basic Research) MICHIKO SORAMA (Kyoto Notre Dame University), Masato Ito and Daisuke Saeki (Osaka City University), and Howard Rachlin (Stony Brook University)

**27. Independent Effects of Ideal Body Image Valuation and Delay Discounting on Acute and Chronic Levels of Physical Activity** (CBM; Basic Research) ROBERT SCOTT LECOMTE, Michael Sofis, Shea M. Lemley, and David P. Jarmolowicz (The University of Kansas)

**28. An Investigation into the Factors Which Affect Decision-Making Processes** (Basic Research) TEGAN ANDREWS, Therese Mary Foster, and Nicola J. Starkey (University of Waikato, New Zealand)

**29. Can Rats Perform The Marshmallow Test?** (Basic Research) ERIKA WINNIE, Raymond C. Pitts, and Christine E. Hughes (University of North Carolina Wilmington)

**30. Reactive Aggression and Coping Strategies Related to Temporary Discount in University Students** (EDC; Applied Research) NEGRETE JAIME NEGRETE, Maria García, Pedro Fernandez, and Lidia Castro (Universidad Autónoma de Baja California)

**31. Body-Weight Indexes and Delay Discounting in Teenagers** (Basic Research) CESAR CORONA and Raul Avila (Universidad Nacional Autónoma de México)

**32. Social Discounting and Altruism: A Parametric Extension** (Basic Research) ALDO TOLEDO and Raul Avila (Universidad Nacional Autónoma de México)

*Discussant: Andrew R. Craig (University of Nebraska Medical Center)*

**33. Effects of Relative Magnitude in Probability Discounting** (Basic Research) MOLLY A. BARLOW, David J. Cox, and Jesse Dallery (University of Florida)

**34. Translational Effects of Choice Between Fixed- and Mixed-Delays to Reinforcement Among Children With Autism** (AUT; Applied Research) CAYENNE SHPALL, Terry S. Falcomata, Fabiola Vargas Londoño, and Andrea Ramirez-Cristoforo (University of Texas at Austin)

**35. Specifying Consequences of Unprotected Sex Affects Condom Use Likelihood in the Sexual Probability Discounting Task** (Basic Research) PATRICK S. JOHNSON and Grace Garberson (California State University, Chico)

**36. Effect of the Order of Exposure on Three Self-Control Procedures in Humans** (Basic Research) MEZTLI ROCÍO MIRANDA, Brenda Estela Ortega, and Raul Avila (Universidad Nacional Autónoma de México)

**37. Music and Social Discounting** (Basic Research) ANTHONY NATHAN NIST, Matt Locey, and Emily Ruff (University of Nevada, Reno)

**38. Effects of Exercise on Impulsivity Among College Students Using Delay Discounting Task** (Applied Research) SUNGHYUN CHO and Seung-ah Lee (Yonsei University)

**39. Delay Discounting, Academic Constraints and Demand for Alcoholic Drinks** (BPN; Basic Research) Nate David Popodi, Catlyn Li Volsi, Jolee Marie Zizzo, Kane Poad, Abigail Schmidt, Neil Graupner, Jessica Sklenar, and MATTHEW E. ANDRZEJEWSKI (University of Wisconsin-Whitewater)

**40. Translational Research on Problems Related to the Delay and Reinforcement Magnitude** (PRA; Basic Research) FELIPE DIAZ, Jonnathan Gudiño, and Karina Franco (Guadalajara University)

*Discussant: Deisy De Souza (Universidade Federal de São Carlos)*

**41. Behavioral Measures of Impulsivity: Delay and Effort Discounting of Hypothetical Monetary Rewards** (Basic Research) Julyse Migan-Gandonou and JULIE A. ACKERLUND BRANDT (The Chicago School of Professional Psychology)

**42. The Effect of Delay Discounting Across the Lifespan: An Analysis of Correlated Factors** (Basic Research) LAURA A. KRUSE, Julie A. Ackerslund Brandt, Brittney Farley, Annette Griffith, and Amanda Mahoney (The Chicago School of Professional Psychology)

**43. Effects of Food Deprivation and Pre-Training on Delay Discounting in Male Wistar Rats** (Basic Research) Alaina Prince, Gwen Lupfer-Johnson, Kailey Tobin, Cassandra Anderson, and ERIC S. MURPHY (University of Alaska Anchorage)

**44. Temporal Discrimination and Delay Discounting** (Basic Research) LINDA MUCKEY and Mark R. Dixon (Southern Illinois University)

**45. Preferences for Accumulated and Distributed Token Exchange-Production Schedules: A Unit-Price Analysis** (DDA; Basic Research) JOHN FALLIGANT (Auburn University) and Sacha T. Pence (Drake University)

**46. Translating a Suboptimal Choice Paradigm From Basic Research to Children With Autism** (AUT; Basic Research) MOLLY M. CONWAY, Danielle Piggott, Annemarie Brenner, and Seth W. Whiting (Central Autism Assessment and Treatment Center, Central Michigan University)

**47. Effect of Relative Reinforcement Duration in Concurrent Schedules With Different Reinforcement Densities: A Replication of Davison (1988)** (Basic Research) JOAO CLAUDIO TODOROV and Elenice Seixas Hanna (Universidade de Brasília) and Cristiano Coelho (Pontifícia Universidade Católica de Goiás, Brazil)

**48. The Relation Between Apparatus Size and Preference in Madagascar Hissing Cockroaches** (Basic Research) HANNAH PLANINSHECK, Kyle Pollard, Vanessa Garcia Bodin, and Benjamin N. Witts (St. Cloud State University)

*Discussant: Hanne Augland (Oslo and Akershus University College)*

**49. Evaluating Effects of Signals on Risky Choices in Pigeons and Humans** (Basic Research) JAMES W. DILLER (Eastern Connecticut State University), Maggie A. McDewitt (McDaniel College), and Malvina Pietrzykowski (Eastern Connecticut State University)

**50. Chasing Ghosts: Human Performance on Concurrent Schedules** (Basic Research) DEBRA J. SPEAR, McKenna Dennstedt, and Aspen Bechen (South Dakota State University)

**51. Choice and Timing: Pigeons Performance on Fixed-Interval Schedules** (DEV; Basic Research) ZIRAHUEN VILCHEZ and Oscar García-Leal (University of Guadalajara)

**52. Assessing Behavioral Stability in Choices of Uncertainty With Gains and Losses of Money Using a Concurrent-Operants Method** (Basic Research) MARCIA VENTURA, Diego Flores, Harold Miller, Ammon Aston, and Maile Ashdown (Brigham Young University)

**53. Do Near Misses Influence Slot Machine Choice?** (Basic Research) JOSHUA YONG, Jeffrey Pisklak, and Marcia Spetch (University of Alberta)

**54. Conditioning and Deconditioning Rule-Governed Gambling Behavior** (VRB; Basic Research) JORDAN BELISLE, Dana Paliliunas, and Mark R. Dixon (Southern Illinois University)

**55. Social and Game-Structural Effects on Gambling in the Laboratory** (CSS; Basic Research) BAHIJAH D. SHEIBANEE (Rider University; Bedrock Clinic & Research Center), Mack S. Costello (Rider University), and Neil Deochand (University of Cincinnati)

**56. Implications of Verbal Stimuli on Patterns of Responding in Gambling** (VRB; Basic Research) LINDA MUCKEY and Mark R. Dixon (Southern Illinois University)

**57. Molar Analysis of Behavioral Dynamics in a Modified Transposition Task With Children** (DEV; Basic Research) ALEJANDRO LEON, Emilio Ribes, and Diana Andrade (Universidad Veracruzana)

**58. Temporal Discounting in Gains and Losses in Monetary and Health Domains and Their Relationship With Body Composition** (CSS; Applied Research) CLAUDIA VEGA-MICHEL (ITESO AC) and Cristiano Dos Santos (Universidad de Guadalajara)

## #76 Poster Session

1:00 pm–3:00 pm

Marriott Marquis, Grand Ballroom 1-6

PCH

Chair: Darlene E. Crone-Todd (Salem State University)

*Discussant: Karola Dillenburger (Queen's University Belfast)*

**59. Characteristics of Literature Reviews Published in the *Journal of Applied Behavior Analysis*** (PRA; Applied Research) SETH KING and Argne Chitiyo (Tennessee Technological University)

**60. Misleading Measurement? A Review of the Measurement Used in Basic and Applied Research on Extinction** (DEV; Theory) ANNE LAU and Ashley Hogan (ABC Group Hawai'i)

**61. Differential Reinforcement Without Extinction: A Review of the Literature** (Theory) CAROLYN TRUMP, Kadijah Quinland, Christopher James Taylor, Kevin Ayres, and Karla Zabala (University of Georgia)

**62. A Review of Social Validity Statements in Interventions for Adults With Intellectual and Developmental Disabilities** (DDA; Applied Research) PATRICK RAJKAY BLEVINS (University of New Mexico, College of Education; University of New Mexico, Medical Group)

**63. A Taxonomy of Evolutionary Ideas Among William James' Principles of Psychology** (Theory) LUIZ HENRIQUE SANTANA (University of São Paulo, Brazil)

**64. Methodological Problems for the Study of Emotions Through Emotion Induction Procedures** (EAB; Basic Research) MARIA ISABEL MUNOZ-BLANCO (Universidad Panamericana)

**65. Superstitious Behavior** (EAB; Basic Research) MELIA SHAMBLIN and Thouraya Al-Nasser (University of Nevada, Reno)

**66. Overweight and Obesity Behavioral Economics: Delay and Effort Discounting Processes** (DEV; Theory) GISEL G. ESCOBAR and Silvia Morales Chaine (Universidad Nacional Autónoma de México) and Suzanne H. Mitchell (Oregon Health & Science University)

**67. The Use of N400 in Studies of Stimulus Equivalence: A Methodological Review** (EAB; Theory) MARCELO VITOR SILVEIRA (Universidade Federal do ABC) and Guilherme Sbrocco, Raquel Sarmento, Mariele Cortez, and Julio C. De Rose (Universidade Federal de São Carlos)

**68. A Tale of Two Systems: A Brief Introduction to the Applied Implications of Goldiamond's Nonlinear Constructional Perspective** (Theory) ALEXIS ANN FILATOV, Dominique Stedham, and Linda J. Parrott Hayes (University of Nevada, Reno)

## #77 Poster Session

1:00 pm–3:00 pm

Marriott Marquis, Grand Ballroom 1-6

EDC

Chair: Kent Johnson (Morningside Academy)

*Discussant: Judith Sylva (California State University, San Bernardino)*

**69. Group-Based Behavioral Skills Training to Promote Parents' Use of Effective Instructions With Struggling Learners** (CBM; Applied Research) ZACHARY CHARLES LABROT (University of Nebraska Medical Center), Sara S. Kupzyk (University of Nebraska Medical Center's Munroe-Meyer Institute), Whitney Strong-Bak (University of Nebraska-Lincoln), and Jamie Pasqua and Jake John Mahon (University of Nebraska Medical Center)

**70. Evaluating Teacher and Student Reactivity to Observers in Classrooms** (Applied Research) EMILY WEAVER, Blair Lloyd, and Johanna Staubitz (Vanderbilt University)

**71. Children Involvement in Academic Activity According to Teacher Training in Behavioral Management** (DEV; Applied Research) MARCELA ROSAS PEÑA, Silvia Morales Chaine, Fernanda De los Santos Chapa, Sandra Ferrer, and Lisette Ramos Navarro (Universidad Nacional Autónoma de México)

**72. The Effectiveness of an Intervention Designed to Increase the Positive to Negative Ratio of Instructor Interactions During After-School Programming** (Applied Research) Shonna Hemmis, RIKKI KAE WHEATLEY, Me'lanin Hogan-Cephas, and Elisa Martinez (Utah State University; Public & School Partnership)

**73. Training Rural In-Service Teachers to Use a Structured Self-Questioning Strategy When Teaching Reading** (PRA; Applied Research) GLEIDES LOPES RIZZI and Man Fung Lam (State University of New York at New Paltz) and Jennifer Bell (WCSDNY)

**74. Comparing Accuracy of Descriptive Assessment Methods Following a Group Training and Feedback** (Applied Research) JESSICA PALMIER, Odessa Luna, Jess Petri, and John T. Rapp (Auburn University)

**75. The Effect of Public Performance Feedback in Positive Behavior Intervention Support Meetings on Teacher Implementation of Behavior Support Plans** (Applied Research) GENA PACITTO (The Chicago School of Professional Psychology)

**76. Understanding Barriers to Positive Behavior Intervention and Supports in Classrooms** (PRA; Applied Research) HOLLY M. MENZIES (California State University, Los Angeles), Kathleen L. Lane (The University of Kansas), and Wendy Oakes (Arizona State University)

**77. Critical Transition Skills: Can Schoolwide Positive Behavior Intervention and Supports Teach Skills Needed for Postsecondary Success?** (Applied Research) TRACY EILEEN SINCLAIR (The University of Oklahoma)

**78. Critical Incidents in the Implementation of a Multi-Tiered System of Supports** (OBM; Applied Research) CADE T. CHARLTON and Christian Sabey (Brigham Young University)

*Discussant: Kwang-Sun Cho Blair (University of South Florida)*

**79. A Comparison Between a Paper-Based and Digital Application to Increase Performance in Simple and Complex Computation** (PRA; Applied Research) HANNAH KANEER JENKINS and James Stocker (University of North Carolina Wilmington)

**80. An Evaluation of and Preference for Two Flashcard Interventions** (Applied Research) LINDSEY LOFLIN and Kristina Vargo (Sam Houston State University)

**81. Programming for Stimulus Generalization Using Cover-Copy-Compare for Basic Division Fluency, Generalization, and Maintenance** (Service Delivery) RACHEL LEE (University of Detroit Mercy) and Laurice Joseph (The Ohio State University)

**82. Effects of Social Skill Instruction and an Interdependent Group Contingency on Social Skill Use and Disruptive Behaviors in a Classroom Setting** (Applied Research) JAYNE MEREDITH MURPHY, Renee Hawkins, Cara Dillon, and Carla Luevano (University of Cincinnati)

**83. The Use of a Token Economy to Increase Academic Learning Time** (CSS; Basic Research) ZAHIDA CHEBCHOUB (United Arab Emirates University)

**84. A Preliminary Study in Applying the Function-Based Intervention Decision Model in Consultation to Increase Treatment Integrity** (Applied Research) CANDACE GANN (Oklahoma State University) and S. Shanun Kunnavatana (independent researcher)

**85. Evaluating the Good Behavior Game in Two Classrooms: An Extension of Past Research** (Applied Research) LAURA CAMPBELL and Kim Trudeau-Craig (St. Lawrence College)

**86. Behavioral Training for Teachers to Reduce Disruptive Behavior in Elementary School Children** (PRA; Applied Research) MARIA FERNANDA DE LOS SANTOS, Marcela Rosas Peña, and Silvia Morales Chaine (Universidad Nacional Autónoma de México)

**87. Dependent Group Contingencies: A Brief Review of Recent Research (2010–2017)** (PRA; Applied Research) SCOTT PAGE (Utah State University)

**88. Using ClassDojo® to Enhance School Age Students' Prosocial Behavior in a Classroom Setting** (AUT; Applied Research) VALERIE FORTE, Victoria Ryan, and Ada C. Harvey (Florida Institute of Technology)

*Discussant: Ronald C. Martella (University of Oklahoma)*

**89. The Effects of a Differential Reinforcement of Low Rates of Behavior as an Interdependent Group Contingency for Children Diagnosed With Developmental Disabilities** (DDA; Applied Research) TYLER RE, Chrystal Jansz Rieken, and Julie A. Ackerlund Brandt (The Chicago School of Professional Psychology)

**90. Fading Out of Preferred Events on Self-Controlled Responses in Children With Attention Deficit Disorder** (DDA; Applied Research) FERNANDA CASTANHO CALIXTO, Thayse Loyana Martins Albano, and Nassim Chamel Elias (Federal University of São Carlos)

**91. Improving Transition Time Using a High-Probability Request Sequence With Typically Developing Preschoolers** (Applied Research) JACLYN MCGRATH and Michele R. Traub (St. Cloud State University)

**92. An Evaluation of the Efficacy and Preference of Different Choice Arrangements** (PRA; Applied Research) HOLLY BRUSKI and Julie A. Ackerlund Brandt (The Chicago School of Professional Psychology) and Mackenzie Schroeder (Western New England University)

**93. An Investigation of Proximity Control in a Large-Group Unstructured Educational Setting** (Service Delivery) MARK D. SHRIVER (University of Nebraska Medical Center's Munroe-Meyer Institute) and Phil Scherer and Adam Weaver (University of Nebraska Omaha)

**94. A Comparison of Response Cost and Token Delivery to Reduce Callouts in Two First Grade Classrooms** (Applied Research) PAIGE MCARDLE and Joshua Mellott (University of Georgia) and Scott P. Ardoyn (University of Georgia Center for Autism and Behavioral Education Research)

**95. The Effects of Video Modeling on On-Task Behavior for Students With Emotional/Behavioral Disorders During Independent Writing** (Applied Research) SARAH KENT (University of West Florida)

**96. Effects of Specific Feedback and Programmed Instruction on Performance in Online Courses** (EAB; Basic Research) REBECA MATEOS MORFIN, Carlos Javier Flores Aguirre, and Diana de León (Universidad de Guadalajara) and Mario Serrano (Universidad Veracruzana)

**97. An Evaluation of Single-Response Repetition Error Correction on Spelling Words During Discrete Trial Instruction** (DDA; Applied Research) REVAE MARCHELLE BOYKINS (University of Maryland, Baltimore County; The Shafer Center) and Joshua Firestone (The Shafer Center)

**98. To Correct or Not to Correct? A Comparison of Two Teaching Procedures Using PORTL** (Basic Research) ELIZABETH MCKAY SANSING and Rebecca Durham (University of North Texas)

## #78 Poster Session

1:00 pm–3:00 pm

Marriott Marquis, Grand Ballroom 1-6

TBA

Chair: Traci M. Cihon (University of North Texas)

*Discussant: Wendy A. Machalicek (University of Oregon)*

**99. Effectiveness of Differential Reinforcement of Incompatible Behavior in Reducing Inappropriate Behavior: A Case Study** (DDA; Service Delivery) MAHUM AZHAAR (Institute of Professional Psychology, Bahria University Karachi Campus)

**100. Curriculum Based Assessment in Higher Education: Using Curriculum Based Assessment in a Special Education Undergraduate Program** (EDC; Applied Research) MICHAEL C. LAMBERT and Gail Coulter (Western Washington University)

**101. Using Behavioral Skills Training to Increase Accurate Instruction as Measured Through the Teacher Percent Rate and Accuracy Scale** (EDC; Applied Research) KIEVA SOFIA HRANCHUK (Scottsdale Children's Institute) and Michael James Williams (Touchstone Behavioral Health)

**102. Effects of Video Modeling on Staff Training** (AUT; Applied Research) JOSMAY PEREZ-DELACRUZ (Bergen County Special Services), David Michael Fincke (Rutgers, the State University of New Jersey) and Cassie Romano (Bergen County Special Services)

**103. Emotional Overtones of Professional Jargon as Experienced by English, Spanish, and Bilingual Speakers** (PRA; Theory) DAISY BUENO (Illinois State University)



**104. A Call for Open Educational Resources in Behavior Analysis** (Applied Research) VERONICA J. HOWARD (University of Alaska Anchorage)

**105. Effectiveness and Preference: A Comparative Analysis of Game-Based Fluency Training, SAFMEDS, and Inter-teaching for Online Students** (EDC; Applied Research) CHERYL A. YOUNG-PELTON (Montana State University, Billings)

**106. Demonstration of the Portable Operant Research and Teaching Lab** (EDC; Applied Research) ROB J. GOODHUE, Szu Chi Liu, and Traci M. Cihon (University of North Texas); Mary Elizabeth Hunter (The Art and Science of Animal Training); and Jesus Rosales-Ruiz (University of North Texas)

**107. Behavior Analysis Training System** (AUT; Applied Research) RICHARD W. MALOTT, Corinne Kelley, and Sarah Bradtke (Western Michigan University)

**108. Studying the Use of “Successive Approximations” and “Behavioral Momentum” for Teaching Skills to Elementary School Students** (EAB; Basic Research) Richard Cook (The Pennsylvania State University) and EMILY COOK (Londonderry School, Harrisburg, PA; Ruth Pauline Cook Foundation)

#### #79 Poster Session

1:00 pm–3:00 pm  
Marriott Marquis, Pacific Ballroom  
CSS  
Chair: Todd A. Ward (bSci21 Media, LLC)

*Discussant: Sharlet D. Rafacz (California State University, Fresno)*

**1. Promoting Eco-Driving Using Immediate Feedback** (Applied Research) JAVID RAHAMAN and Bethany R. Raiff (Rowan University)

**2. Cyberbullying: Examination of the Collaborative Approaches to Address Aggressive Behaviors in Social Media** (Theory) MICKIE WONG-LO (Biola University)

**3. The Commons Dilemma Game as a Tool for the Analysis of Relevant Behavioral and Social Processes** (EAB; Basic Research) JULIO CAMARGO (Federal University of São Carlos)

**4. Effects of Differential Consequences on Task Performance and Strategic Use of Common Resources** (EAB; Basic Research) JULIO CAMARGO and Julio C. De Rose (Federal University of São Carlos)

**5. The Behaviorists for Social Responsibility Matrix Project: Conceptual Framework** (PCH; Theory) MARK A. MATTAINI (Jane Addams College of Social Work-University of Illinois at Chicago; Behaviorists for Social Responsibility), Traci M. Cihon (University of North Texas; Behaviorists for Social Responsibility), Richard F. Rakos (Cleveland State University; Behaviorists for Social Responsibility), Molli Luke (Behavior Analyst Certification Board; Behaviorists for Social Responsibility), Jomella Watson-Thompson (The University of Kansas; Behaviorists for Social Responsibility), Holly Seniuk (University of Nevada, Reno; Behaviorists for Social Responsibility), Molly Benson (Behaviorists for Social Responsibility; Hawaii Association for Behavior Analysis; North Carolina Association for Behavior Analysis; Massachusetts Association for Behavior Analysis), and Felipe L. Leite (Imagine Behavioral Technology; University of Fortaleza - Fortaleza; Behaviorists for Social Responsibility)

**6. Decreasing Energy Usage Through the Use of Feedback, Prompts, and Rewards** (Applied Research) TANVI PENDHARKAR and Jason C. Bourret (New England Center for Children; Western New England University)

**7. An Ethical Case for Sliding Scale Behavior Analysis Services With Marginalized Populations** (PRA; Service Delivery) WORNER LELAND and Fawna Stockwell (Upswing Advocates)

**8. Trends in Basic and Applied Research on Punishment: Implications for Societal Institutions** (PCH; Theory) MISHA MEYER (The Chicago School of Professional Psychology), Suzette Morrison (Wee Can Autism and Behavioral Consultation), Barbara J. Kaminski (Green Box ABA, PLLC), Lori L. Chamberlain (PaTTAN Autism Initiative ABA Supports), and Erin Watkins and Mary Caruso-Anderson (The Chicago School of Professional Psychology)

**9. Evaluation of Life Skills Acquisition in Child Welfare** (Applied Research) BRIANA LYNCH and Vincent Thomas Francisco (The University of Kansas)

**10. Report Writing as an Assessment for Law Enforcement Skills** (OBM; Service Delivery) Leasha Barry and DAYNA BEDDICK (University of West Florida)

#### #80 Poster Session

1:00 pm–3:00 pm  
Marriott Marquis, Pacific Ballroom  
OBM  
Chair: Julie M. Slowiak (University of Minnesota Duluth)

*Discussant: Brett J. DiNovi (Brett DiNovi & Associates, LLC)*

**11. Comparing the Impact of Positive and Negative Reinforcement on Employee Performance** (AUT; Applied Research) Alice Gutierrez (private practice) and Shannon Smith, Domonique Y. Randall, and DEBORAH L. GROSSETT (The Shape of Behavior)

**12. Leading Through Growth: Using a Comprehensive Training Package to Increase Company Growth While Maintaining High Quality Services** (AUT; Service Delivery) AMANDA C. WELLS (Recognizing Children's Gifts Behavioral Health Network)

**13. Increasing Staff Performance of Implementation of Evidence Based Interventions for Children With Autism** (AUT; Service Delivery) CAROL ANNE MCNELLIS, Richard Allen, and Todd Harris (Devereux Advanced Behavioral Health)

**14. The Use of Behavioral Systems Analysis to Improve the Services Provided by the Center for Autism and Social Inclusion (University of São Paulo)** (AUT; Applied Research) LIVIA FERREIRA GODINHO AURELIANO (São Judas Tadeu University; University of São Paulo), Martha Costa Hübner (University of São Paulo), and Maria Amalia Andery (Pontifical Catholic University of São Paulo)

**15. The Effects of a Multicomponent Training Package in the Retention of Direct ABA Service Providers** (AUT; Service Delivery) Alfredo Montiel and Holland McWhorter (ICAN-B), MEGAN D. ACLAN (Aclan Behavioral Services), and Jose Davila (The Chicago School of Professional Psychology)

**16. Evaluating the Use of Task Clarification and Reinforcement to Increase the Cleanliness of Therapy Rooms** (Applied Research) ERICA JONES and Cindy Cahill (Florida Autism Center) and Emma Grauerholz-Fisher and Timothy R. Vollmer (University of Florida)

**17. Using Mindfulness Exercise to Increase Positive Interactions of ABA Therapists** (AUT; Applied Research) ALYSSE A. CEPEDA, Victoria Booth, Dana Paliliunas, Becky Barron, and Mark R. Dixon (Southern Illinois University)

**18. Delay Discounting of Treatment Success and Staff Willingness to Implement Behavior Analytic Training Procedures** (DDA; Applied Research) ASHLEY MARIE WALSH (Southern Illinois University, Carbondale), Jordan Belisle (Southern Illinois University), Karen R. Harper and Imran Kahn (ABA of Illinois), and Mark R. Dixon (Southern Illinois University)

**19. Increasing Direct Support Professional's Behavioral Data Collection in a Residential Program: A Case Study** (DDA; Service Delivery) TODD ALLEN MERRITT (Arc of Westchester)

**20. Preferences and Performance Measures: Evaluating the Effects of Preference Assessment Methods and Reinforcer Delivery on Behavioral Staff Performance** (Service Delivery) DANIKA MCGANDY, Stephanie Gorbald, and Myra Bertling (Gorbald Behavioral Consulting, Inc.)

#### #81 Poster Session

1:00 pm–3:00 pm  
Marriott Marquis, Pacific Ballroom  
CBM  
Chair: Amy Murrell (University of North Texas)

*Discussant: TBA*

**21. An Evaluation of the Effects of and Preference for Accumulated and Distributed Reinforcement Arrangements in the Treatment of Pediatric Feeding Disorders** (DEV; Applied Research) ELAINE CHEN (University of Maryland, Baltimore County; Kennedy Krieger Institute), Carrie S. W. Borrero (Kennedy Krieger Institute), John C. Borrero (University of Maryland, Baltimore County)

**22. A Comparison of Meal Restructuring and Repeated Exposures to Reduce Pausing During Mealtime Transitions** (DEV; Applied Research) KATIE KAMINSKI (University of Maryland, Baltimore County; Kennedy Krieger Institute), Carrie S. W. Borrero (University of Maryland, Baltimore County; Kennedy Krieger Institute; Johns Hopkins University School of Medicine), John C. Borrero (University of Maryland, Baltimore County)

**23. Evaluation of a Packing Assessment Model to Decrease Packing in Children With Pediatric Feeding Disorders** (DEV; Applied Research) ALEXANDRA MARIE RIVERO (University of Maryland, Baltimore County; Kennedy Krieger Institute), Carrie S. W. Borrero (University of Maryland, Baltimore County; Kennedy Krieger Institute; Johns Hopkins University School of Medicine)

**24. Using an Avoidance Contingency to Increase Acceptance of Novel Foods** (DEV; Applied Research) ALEXIS M. SIEJACK (Kennedy Krieger Institute), Aaron D. Lesser (Kennedy Krieger Institute)

**25. Behavioral Assessment and Treatment of Socially-Maintained Pica in a Typically Developing Girl** (PRA; Applied Research) EMILY NESS (Kennedy Krieger Institute), Julia T. O'Connor (Kennedy Krieger Institute), Craig Strohmeier (Kennedy Krieger Institute), Nicholas Ramazon (Kennedy Krieger Institute)

**26. Escape Extinction With Response Blocking for Inappropriate Mealtime Behavior: A Review of Procedural Descriptions** (Applied Research) HAILEY ORMAND (Johns Hopkins University; Kennedy Krieger Institute), Elizabeth A. Masler (Kennedy Krieger Institute), Aaron D. Lesser (Kennedy Krieger Institute)

**27. Comparison of Therapist-Fed Versus Caregiver-Fed Function-Based Intervention in a Child With a Pediatric Feeding Disorder** (Applied Research) EMILY EDWARDS (University of Nebraska Medical Center's Munroe-Meyer Institute), Vivian F. Ibanez (University of Nebraska Medical Center's Munroe-Meyer Institute), Caitlin A. Kirkwood (University of Nebraska Medical Center's Munroe-Meyer Institute), Cathleen C. Piazza (University of Nebraska Medical Center's Munroe-Meyer Institute)

**29. Examining the Relations Between Delay Discounting, Demand for Sugar-Sweetened Beverages, and Obesity in Adults** (Applied Research) JONATHAN R. MILLER (University of Colorado School of Medicine; Children's Hospital Colorado), Derek D. Reed (The University of Kansas)

*Discussant: Amanda M. Munoz-Martinez (University of Nevada, Reno)*

**30. Effects of Parent-Directed Bedtime Fading With Response Cost on Undesired Co-Sleeping and Related Sleep Disturbances in Children With Autism Spectrum Disorder** (AUT; Applied Research) SELA ANN SANBERG (Western Michigan University; University of Nebraska Medical Center; Munroe-Meyer Institute), Abigail Kennedy (University of Nebraska Medical Center; Munroe-Meyer Institute), Brett R. Kuhn (University of Nebraska Medical Center)

**31. Promoting Independent Sleep Onset at Bedtime in Young Children: Examination of the Excuse Me Drill** (PRA; Applied Research) RYAN FORD (University of Nebraska Medical Center), Zachary Charles LaBrot (University of Nebraska Medical Center), Brett R. Kuhn (University of Nebraska Medical Center)

**32. The Effect of Coping Skills on Daytime Sleepiness** (Applied Research) EUNHYE HWANG (Yonsei University)

**33. Using a Token Economy and Choice Paradigm to Decrease Duration of Liquid Consumption in a Child With a Kidney Transplant** (Applied Research) STEPHANIE MILLER and Meeta R. Patel (Clinic 4 Kidz)

**34. Food Behavior of Children: Rules and Correspondence** (EAB; Basic Research) JOSIANE MARIA D'ONADELI and Julio C. De Rose (Universidade Federal de São Carlos)

**35. Understanding Opportunities for Behavioral Health Interventions at the Intersection of Behavior and Medical Conditions** (CBM) Rachel VanPutten, SAMANTHA JO ZOHR, Alexandros Maragakis, Claudia Drossel (Eastern Michigan University)

**36. Behavioral Health and Long-Term Psychotropic Use: Risky Aging With Serious Mental Illness** (CBM) MICHAEL JON VRIESMAN, Kate Happel Krautbauer, Alexandros Maragakis, and Claudia Drossel (Eastern Michigan University)

**37. A Behavior Analytic Perspective on Eating** (CBM) KATE HAPPEL KRAUTBAUER, Lindsey Bunio, Claudia Drossel, and Alexandros Maragakis (Eastern Michigan University)

**38. Barriers to Family Implementation of Behavior Plans** (CBM) KAYLA RINNA, Rachel VanPutten, Michael Jon Vriesman, Claudia Drossel, and Alexandros Maragakis (Eastern Michigan University)

#### #82 Poster Session

1:00 pm–3:00 pm  
Marriott Marquis, Pacific Ballroom  
DEV  
Chair: R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

*Discussant: Kimberley L. M. Zonneveld (Brock University)*

**39. The Effects of Writer Immersion and the Responses of an Adult Reader on Teaching the Function of Reading and Writing to Preschool Students With Autism** (VRB; Applied Research) WAN-YI CHIU, Jennifer Weber, and Georgette Morgan (Teachers College, Columbia University)

**40. The Effects of an Accelerated Auditory Match-to-Sample Procedure on the Improvement of Echoic Responses by Six Preschoolers With Disability** (VRB; Applied Research) YIFEI SUN (Teachers College, Columbia University), Jennifer Longano (Fred S. Keller School), Robin Nuzzolo (Teachers College, Columbia University), Lenah Alshowaiman (Dar Al-Hekma College), and Sang Eun Yoon and Joseph M. Peysin (Teachers College, Columbia University)

**41. Sign Language Discrimination Training for Teaching Social Referencing Skills** (Applied Research) DIANA MYLES, Andy Pham, and Martha Pelaez (Florida International University)

**42. Utilizing Behavioral Strategies to Increase Meal Consumption** (CBM; Applied Research) CIDNEY HELLER and Matthew Tyson (Behavior By Design, LLC)

**43. Repetitive Head Banging in Early Childhood** (CSS; Applied Research) SARA RAZIA JEGLUM (University of Wisconsin-Madison), William MacLean (Waisman Center at the University of Wisconsin-Madison), and Alexandra Puk, Kelly Bard, and Emily Hickey (University of Wisconsin-Madison)

**44. Zones of Regulations Social Group for Elementary-Aged Boys** (PRA; Applied Research) KAYLEY SANGER (University of Cincinnati)

**45. Behavioral Dentistry: A Literature Review** (PRA; Applied Research) ADAM CARTER and Kimberley L. M. Zonneveld (Brock University) and Mitch Fryling (California State University, Los Angeles)

**46. The Effects of Teaching the Function of Writing to Two Children Diagnosed With Disabilities** (VRB; Applied Research) Shahad Alsharif, WAIKHINE PHU, and Kristina Wong (Teachers College, Columbia University)

**47. Building Communication Interventions for Students With Behavioral Problems Within Multi-Tiered System of Supports** (EAB; Basic Research) CELAL PERIHAN (Texas A&M University), Mack D. Burke (Texas A&M University)

**48. Using SAFMEDS to Teach Deaf Children to Match Visemes and Printed Letter Patterns to Phonemes** (PRA; Service Delivery) DOUGLAS P. BEATTY (The Chicago School of Professional Psychology)

#### #83 Poster Session

1:00 pm–3:00 pm  
Marriott Marquis, Pacific Ballroom  
PRA  
Chair: John M. Guercio (Benchmark Human Services)

*Discussant: Anita Li (Western Michigan University)*

**49. Ethical Consideration for Applied Behavior Analysis With Asian Families** (CSS; Service Delivery) SUNGEUN KANG (The University of Iowa)

**50. Decreasing Inappropriate Sexual Arousal in Adolescent Males Through Instruction and Self-Control** (CSS; Service Delivery) KRISTEN BROGAN, John T. Rapp, and Amanda Niedfeld (Auburn University)

**51. Delay Discounting Procedures to Increase Self-Control of Adjudicated Male Adolescents** (CSS; Service Delivery) KRISTEN BROGAN, John Falligant, and John T. Rapp (Auburn University)

**52. A Review of Item Inclusion Procedures for Multiple-Stimulus Without Replacement Preference Assessments for Adolescents With Developmental Disabilities** (DDA; Applied Research) SARA RAZIA JEGLUM, Jennifer M. Asmus, and Andrea Ruppert (University of Wisconsin-Madison)

**53. Teaching Discrete Trial Training in a Virtual Reality Environment** (DDA; Applied Research) BERGLIND SVEINBJORNSDOTTIR and Snorri Johannson (Reykjavik University), Asa Ingimarsdottir (Klettaskóli) and Hannes Vilhjálmsson (Reykjavik University)

**54. An Evaluation of the Efficacy of Behaviour Therapy on Deferring Emergency Department Visits as a Result of Behaviour in Dementia Care** (Service Delivery) NICK FELTZ (ONTABA; The Royal Ottawa Mental Health Centre)

**55. A Comparison of Accuracy and Frequency Building on the Emergence of Stimulus Equivalence** (VRB; Applied Research) ADAM MICHAEL PEAL (Bierman ABA; Pennsylvania State University), Richard M. Kubina (The Pennsylvania State University), and Patrick Haren (Haugland Learning Center)

**56. Does Sex Influence Board Certified Behavior Analysts Use of Evidence-Based Principles?** (Service Delivery) AMANDA HENDERSON and Susan Wilczynski (Ball State University)

**57. The Effects of Visual and Verbal Prompts and Behavioral Economics to Increase On-Task Behaviors in Physical Education Class** (EDC; Service Delivery) DYLAN PALMER (Judge Rotenberg Educational Center; Simmons College) and Doreen Fletcher, Anthony Green, and Allison Rosenberg (Judge Rotenberg Educational Center)

*Discussant: Michael F. Dorsey (Endicott College)*

**58. Impact of Training Plus Implementation Support on Preschool Teachers' Use of Naturalistic Instruction** (DDA; Applied Research) SALIH RAKAP and Sinan Kalkan (Ondokuz Mayıs University), Serife Balıkcı (Dumlupınar Primary School), and Burak Aydın (Recep Tayyip Erdogan University)



**59. Knock Knock, Who's There: Use of Jokes as Reinforcement Within Shaping to Increase Social Interactions** (Service Delivery) RYAN CHARLES BLEJEWSKI and Tiffany Phasukkan (University of North Carolina Wilmington) and Ruth M. Hurst (Central Regional Hospital)

**60. A Promising New Functional Assessment of Behavior Questionnaire for Use in an In-Patient Psychiatric Setting** (Service Delivery) TIFFANY PHASUKKAN (University of North Carolina Wilmington) and Ruth M. Hurst (Central Regional Hospital)

**61. An Analysis of the Relationship Between the Professions of Behavior Analysis and Psychology: Texas** (PCH; Service Delivery) GORDON BOURLAND (Trinity Behavioral Associates) and Jan Aiello (MHMR of Tarrant County)

**62. Identifying and Responding to Suicidal Clients and Caregivers: Practical, Evidence-Based Strategies for Suicide Gatekeeping for Behavior Analysts** (CBM; Service Delivery) EMILY M. LUND (St. Cloud State University), Tyra P. Sellers and Timothy A. Slocum (Utah State University)

**63. Central Regional Hospital Functional Assessment of Behavior: A Functional Assessment Tool for the Psychiatric Setting** (Service Delivery) BRITTANY WILLIAMS and Ruth M. Hurst (Central Regional Hospital) and Tiffany Phasukkan, Anna Tillery, and Ryan Charles Blejewski (University of North Carolina Wilmington)

**64. Attention Maintained Vocal Stereotypy: A Clinical Demonstration** (AUT; Applied Research) KENDRA GUINNESS, Samantha LaPointe, Nancy B. Hlystek, and Kevin J. Schlichenmeyer (The Autism Community Therapists, LLC)

**65. A Component Analysis of Behavioral Skills Training With Preschool Teachers** (Applied Research) PAIGE BOYDSTON, Erica Jowett Hirst, Kayla Diane Brachbill, and Samantha Lee Smock (Southern Illinois University, Carbondale)

#### #84 Poster Session

1:00 pm–3:00 pm  
Marriott Marquis, Pacific Ballroom  
VRB  
Chair: Amarie Carnett (University of North Texas)

*Discussant: Thomas Ratkos (Berry College)*

**66. Teaching Talker-Echoic Repertoire to Kids With Apraxia, Autism, Speech Delay and Other Developmental Disabilities** (EDC; Applied Research) MARIBEL CASTILLO BERMUDEZ (Tucci Learning Solutions Incorporated)

**67. Pat, Tap, Clap, "Hey": Using Behavioral Momentum to Promote Echoic Responding** (Applied Research) GARET S. EDWARDS and Nicole Hendrix (Marcus Autism Center; Emory University School of Medicine), Ashley Stevens (Marcus Autism Center), Bethany Hansen (Marcus Autism Center; Emory University School of Medicine), and M. Alice Shillingsburg (May Institute)

**68. Developing Augmented Mand in Young Children With Autism Spectrum Disorder Using Naturalistic Approaches** (AUT; Applied Research) NOUF ALZRAYER (King Saud University) and Devender Banda (Texas Tech University)

**69. Effects of Mand-Model Approach on Augmented Mand and Natural Speech Production in Children With Developmental Disabilities** (DDA; Applied Research) REEM MUHARIB (University of North Carolina at Charlotte), Nouf Alzayer (King Saud University), and Charles L. Wood (University of North Carolina at Charlotte)

**70. Teaching Children With Autism Spectrum Disorder to Respond to Intraverbals About the Past** (AUT; Applied Research) JEANNE STEPHANIE GONZALEZ (Rollins College; Johanna McDonald, LLC) and Sarah Slocum Freeman (Rollins College)

**71. Variables Contributing to the Emergence of Intraverbal Responses After Listener Training** (AUT; Applied Research) CYNTHIA DELA ROSA (University of Florida; Florida Autism Center) and Daniel E. Conine and Timothy R. Vollmer (University of Florida)

**72. Establishing Substitutive Stimulus Function for the Development of Intraverbal Learning** (AUT; Applied Research) SHU-HWEI (SUE) KE and Linda J. Parrott Hayes (University of Nevada, Reno)

**73. Using Instructive Feedback to Teach Untrained Operants** (AUT; Applied Research) SARAH VEAZEY, Amberly Bossert, and Iulia Runcanu (Trumpet Behavioral Health)

#### #85 Poster Session

1:00 pm–3:00 pm  
Marriott Marquis, Pacific Ballroom  
DDA  
Chair: Eric Boelter (Seattle Children's Autism Center)

*Discussant: Mindy Christine Scheithauer (Marcus Autism Center)*

**74. Reducing Rapid Eating in a Child With a Developmental Disability Using Video-Enhanced Activity Schedules** (AUT; Applied Research) MARIE KIRKPATRICK (Baylor University; Texas State University), Russell Lang and Allyson Lee (Texas State University), and Katherine Ledbetter-Cho (University of Texas at Austin; Texas State University)

**75. Using Video Prompting to Teach Vocational Skills to Adults With Intellectual Disabilities** (Service Delivery) CHRISTI STENCIL (The Chicago School of Professional Psychology)

**76. Teaching Children With Intellectual Disabilities Through Video Prompting: Tablet Versus Smartphone** (EDC; Applied Research) SERIFE YUCESAY OZKAN, Emrah Gulboy, Feyat Kaya (Anadolu University)

**78. Using Video Prompting to Toilet Train Three Taiwanese Students With Developmental Disabilities** (EDC; Applied Research) PEI-FANG WU (National Kaohsiung Normal University)

**79. Video-Based Recreation and Leisure Activities for Individuals With Developmental Disabilities: A Review of the Literature** (AUT; Applied Research) JEFFREY MICHAEL CHAN (Northern Illinois University)

**80. An Evaluation of Individualized Visual Feedback on Hand Washing Behavior of Three Young Students With Developmental Disabilities and Emotional Impairments** (CBM; Applied Research) NEIL DEOCHAND (University of Cincinnati) and Haley Ciara Hughes and Richard Wayne Fuqua (Western Michigan University)

**81. Tolerance and Compliance Training Increases Independent Mands and Reduces Aggression** (AUT; Applied Research) JUSTIN D. DURHAM, Betsy Chen, Cade Brownell, and Scott Singleton (University of Central Oklahoma)

**82. Teach Me Something I Don't Know! Using Eye Gaze Augmentative and Alternative Communication to Assess and Implement Discrete Trial Training with a Student With Severe Disabilities** (EDC; Service Delivery) JESSICA R THOMAS and Flint L. Simonsen (Whitworth University) and Kira Austin (Dominion ABA)

**83. Effects of Picture Exchange Communication Systems and Sibling-Mediated Mand Training on the Mands of Children With Developmental Disabilities** (VRB; Service Delivery) ALISHA PETERSON (The Chicago School of Professional Psychology; Continuum Autism Spectrum Alliance) and Susan D. Flynn (The Chicago School of Professional Psychology)

**84. Mixed- Versus Fixed-Delays to Reinforcement: An Application of Risky Choice to Functional Communication Training** (EAB; Applied Research) MICHAEL P. MULLANE, Brian K. Martens, Samantha Sallade, and Emily L. Baxter (Syracuse University)

*Discussant: Kayla Jenssen (Western Michigan University)*

**85. Implementation of the Research Units in Behavioral Intervention Autism Network Parent Training Program in Clinical Settings** (AUT; Applied Research) KRYSTA PAIGE LAMOTTE (Marcus Autism Center), Valentina Postorino (Marcus Autism Center; Emory University), Karen Bearss (University of Washington), and Lindsey Burrell (Marcus Autism Center; Children's Healthcare of Atlanta)

**86. Training Caregivers in the Adult Intellectual and Developmental Disability Population Behavior Analytic Interventions for Sexual Education** (PRA; Service Delivery) LACHELE RENEE JENKINS (The Chicago School of Professional Psychology)

**87. Evaluating the Generalization of Caregivers' Use of Reinforcement With Clients in a Residential Facility** (Applied Research) ASHLEY LICAUSI, Richard G. Smith, and Audrey H. Newkirk (University of North Texas) and Lauren Marie Speckin (ABA of Wisconsin)

**88. Developing a System to Assess Generalization of Caregivers' Use of Differential Reinforcement in a Residential Facility** (Applied Research) ASHLEY LICAUSI, Richard G. Smith, and Audrey H. Newkirk (University of North Texas)

**89. Behavioral Skills Training to Increase Treatment Fidelity With Parents of Children With Problem Behavior** (PRA; Service Delivery) DIANA SOCIE (University of South Florida), Yannick Andrew Schenk (May Institute), and Patricia F. Kurtz (Kennedy Krieger Institute)

**90. Further Evaluation of Maintenance of Skills Taught Using a Competency-Based Training Package** (Applied Research) MADISON BROWN, Richard G. Smith, Audrey H. Newkirk, and Kellen-Jade Harris (University of North Texas)

**91. An Evaluation of Antecedent Interventions to Improve Treatment Integrity** (OBM; Applied Research) LISA KAY BEARD (Kennedy Krieger Institute; University of Maryland, Baltimore County) and Amanda Goetzel, Daymond Cooper, and Jonathan Dean Schmidt (Kennedy Krieger Institute)

**92. Using Interactive Web Training to Support Parents in the Management of Challenging Behavior** (AUT; Service Delivery) STÉPHANIE TURGEON, Brigitte Marleau, Marc J. Lanovaz, and Alexie Gendron (Université de Montréal); Diane Morin (Université du Québec à Montréal); and Thomas S. Higbee (Utah State University)

**93. The Effects of Differential Positive Reinforcement on the Accuracy of Data Collection With Direct Service Providers of Adults With Developmental Disabilities** (OBM; Applied Research) JONATHON KALIK and Tiffany Salmon (Services for the Underserved)

**94. Caregiver Factors Related to Reports of Self-Injurious Behavior Severity** (DEV; Basic Research) LEROY MCDONALD WILLIAMS and Andrea Beatrice Lupas (University of Wisconsin-Madison), William MacLean (University of Wisconsin-Madison; Waisman Center), and Frank J. Symons (University of Minnesota)

**95. Text Message Performance Feedback for Preservice Teachers in Early Intervention and Early Childhood Special Education** (VRB; Applied Research) SARAH GRACE HANSEN (Georgia State University), Sloan Storie and Wendy A. Machalicek (University of Oregon), and Tracy McKinney (Georgia State University)

#### #86 Poster Session

1:00 pm–3:00 pm  
Marriott Marquis, Pacific Ballroom

AUT  
Chair: Thomas S. Higbee (Utah State University)

*Discussant: Joseph M. Vedora (Evergreen Center)*

**97. Reducing Vocal Stereotypy and Increasing Appropriate Vocalization Using Response Interruption and Redirection** (Applied Research) GITA SRIKANTH and Swati Narayan (ABA India)

**98. Effects of a Mindfulness-Based Training Program on Behaviour Intervention Procedural Fidelity** (CBM; Applied Research) SOPHIE ROBITAILLE (University of Manitoba) and Toby L. Martin (St. Amant Research Centre; University of Manitoba)

**99. Fathers of Children With Autism: Developmental Influences and Inclusionary Practices** (PRA; Service Delivery) JULIE LAROSA (University of Rochester)

**100. Reliability and Treatment Fidelity in the Autism Spectrum Disorder Research in Japan and Taiwan** (EAB; Theory) EE REA HONG (University of Tsukuba), Shin-Ping Tsai and Pei-Yu Chen (National Taipei University of Education), Liyuan Gong (University of Tsukuba), and Jennifer Ganz (Texas A&M University)

**101. Effects of a Short-Term Intensive Behavioural Intervention Program on Student Outcomes in Inclusive Classrooms** (EDC; Service Delivery) MARK DONOVAN and Catherine Ellen Desmond (Edmonton Catholic School District)

**102. The Effects of Lower Intensity ABA Therapy (25 Hours or Less Weekly) as Measured by Progress on the Verbal Behavior Milestones Assessment and Placement Program (VB-MAPP)** (VRB; Service Delivery) WENDY NEBBIA and Gregory Richmond Mancil (Autism Learning Partners)

**103. The Effects of Different Number of Warnings With Time-Out on Child Compliance to Parental Instructions** (Applied Research) LAURA TARDI, Miranda Macauley, and Russell A. Powell (MacEwan University)

**104. Teaching Icon Discrimination With a Speech-Generating Device** (PRA; Applied Research) LISA GUERRERO (University of Florida), Timothy R. Vollmer and Tina Smith-Bonahue (University of Florida)

**105. An Exploration of Temporal Discounting in Neurotypical Individuals and Individuals With Autism Spectrum Disorders** (PRA; Applied Research) MIKALA RAE HANSON and Robert LaRue (Rutgers University; Douglass Developmental Disabilities Center)

**106. The Effects of a Rotated Protocol Immersion on Early Observing Responses in Children With Disabilities** (VRB; Applied Research) TRICIA CLEMENT (The Chicago School of Professional Psychology)

**107. The Effects of a “Secret Word” Program on Improving Auditory Attending for Children Diagnosed With Autism Spectrum Disorder** (PRA; Service Delivery) NORMA TORRES and Julia Ferguson (Autism Partnership Foundation); Joseph H. Cihon (Autism Partnership Foundation; Endicott College); and Justin B. Leaf, Ronald Leaf, and John James McEachin (Autism Partnership Foundation)

*Discussant: Tracy Jane Raulston (The Pennsylvania State University)*

**108. Measures to Predict Reinforcing Efficacy: QO and Preference Assessments** (Applied Research) ALLISON JOSEPHINE CASTILE (Western New England University; New England Center for Children) and Jason C. Bourret (New England Center for Children)

**109. Increasing Verbal Behavior for a Child With Autism Utilizing Textual Prompts** (PRA; Applied Research) ASHLEY N. FIORILLI and Perpetualyn Du (Applied Behavior Consultants, Inc.)

**110. Effects of Response Interruption and Redirection on Vocal Stereotypy Maintained by Automatic Reinforcement** (DDA; Applied Research) HOLLY VOBROUCEK (The Chicago School of Professional Psychology)

**111. The Effects of Using an iPad in Teaching Multistep Social-Communication Skills to Children With Autism Spectrum Disorder** (VRB; Applied Research) NOUF ALZAYER (King Saud University), Devender Banda (Texas Tech University), Koul Rajinder (The University of Texas at Austin), and Wesley H. Dotson (Texas Tech University)

**112. The Effect a Tacting-Sorting-Vocal Imitation Procedure on Responding to “Where” Questions for Children With Autism** (VRB; Applied Research) XIAOXIAO CHEN (The Chicago School of Professional Psychology)

**113. Evaluation of a Punisher Assessment for Automatically-Reinforced Problem Behavior** (Applied Research) HOLLY WIGGINS (New England Center for Children; Western New England University) and Amanda Verriden and Eileen M. Roscoe (New England Center for Children)

**114. Teaching Turn-Taking During Conversations for Adolescent Students With Autism Spectrum Disorder** (EDC; Applied Research) BRETT EDWARD FURLONGER, Sharon Mittiga, Stephanie Butler, Victoria Kaye, Dennis W. Moore, Angelika Anderson, and Margherita Busacca (Monash University)

**115. Reducing Disruptive Vocalizations of a Young Adult With Autism Spectrum Disorder in the Workplace** (CSS; Service Delivery) ERIN LYNN SORENSON, Kayla Jenssen, Jessica E. Frieder, and Rachel Popp (Western Michigan University)

**116. Short Inter-Trial Interval Drastically Improves Motor Imitation Performance in Children With Autism Spectrum Disorder** (EAB; Applied Research) HAN TIANYI and Jun'ichi Yamamoto (Keio University)

**117. Examining Outcomes of a Brief, Intensive Pivotal Response Treatment Parent Education Program for Families Newly Diagnosed With Autism** (Applied Research) KELSEY OLIVER, Robert L. Koegel, Katherine Byrne, and Hannah Wenzel (Koegel Autism Center, University of California Santa Barbara)

**118. Using Antecedent Strategies to Teach Implementation of the Brief Response Restriction Preference Assessment** (Applied Research) KELLY JAMES and Allen J. Karsina (Western New England University; New England Center for Children)

**119. The Use of Video Prompting to Enhance Independence With Price Comparison for Individuals With Autism** (Applied Research) Lisa Lakritz and BONNIE KRAEMER (San Diego State University)

*Discussant: Danielle L. Gureghian (Garden Academy)*

**120. The Effects of the Multiple Exemplar Instruction on the Naming and Incidental Language Acquisition for Students With Autism Spectrum Disorder and Language Delays** (VRB; Applied Research) Daeyong Kim (Daejeon Middle Public School; Pusan National University) and Jinhyeok Choi and BYEOL HAE SHIN (Pusan National University)

**121. Siblings, Autism, and the Impact of Challenging Behavior: A Review of the Literature** (CBM; Basic Research) DOIREANN O'BRIEN (CBI Monarch House)

**122. Training Supervisors to Provide Feedback Using Video Modeling** (Service Delivery) NATALIE RUTH SHULER and Regina A. Carroll (West Virginia University)

**123. Using Token Economy System to Increase Independent Working Duration** (EDC; Service Delivery) Pooja Panesar, Alexander Ambani, and YAHYA HUSSEIN NAJIB (Kaizora Consultants)

**124. Teaching Discriminated Manding to Children With Autism** (DDA; Applied Research) MADELEINE DIANE KEEVY and Billie Retzlaff (Munroe-Meyer Institute; University of Nebraska Medical Center)

**125. Teaching a Nonverbal Autistic Student to Answer Comprehension Questions** (EDC; Service Delivery) YAHYA HUSSEIN NAJIB and Pooja Panesar (Kaizora Consultants)

**126. Teaching a Pre-Menstrual Autistic Girl How to Wear a Sanitary Towel Using Task Analysis** (EDC; Applied Research) POOJA PANESAR and Sylvia Mutheu Muema (Kaizora Consultants)

**127. Caregiver-Mediated Interventions to Improve Communication in Individuals With Autism Spectrum Disorders: Implications of Randomized Controlled Trials** (DEV; Applied Research) CHING-YI LIAO (Texas A&M University)

**128. The Use of a Stimulus Preference Board to Facilitate Acquisition of Conditional Discriminations for a Child With Autism** (PRA; Applied Research) HEATHER JONES (The Learning Tree Inc.)

**129. An Approach to a Highly Aggressive Client's Tolerance to Direct Care Staff** (Service Delivery) DEANNA ESTES (Easterseals Bay Area)

**130. Further Evaluation of Noncontingent Reinforcement as a Treatment for Food Refusal and Associated Problem Behavior** (DDA; Applied Research) JEANNE LUIS (Florida Institute of Technology; World Evolve) and Yanerys Leon (Florida Institute of Technology)

**131. A Systematic Review of Intervention Intensity in Video Modeling Research for Learners With Autism** (EDC; Basic Research) LESLIE ANN BROSS and Jason Travers (The University of Kansas)

*Discussant: TBA*

**132. ATTENTION! Utilizing Multiple Cues to Teach Attention Gaining to a Child with Autism Spectrum Disorder** (Applied Research) KATHRYN ANN HOYLE (University of West Florida; Southwest Autism Research and Resource Center) and Brent Seymour (Southwest Autism Research and Resource Center)

**133. Improving the On-Task Performance of a Young Adult With Autism in a Community Employment Setting** (CSS; Applied Research) LESLIE ANN BROSS and Jason Travers (The University of Kansas)

**134. Negative Reinforcer Magnitude Manipulations for Treating Escape-Maintained Problem Behavior** (Applied Research) JACQUELINE MARRA, Eileen M. Roscoe, Daniel Fredericks, and Nabil Mezhoudi (New England Center for Children; Western New England University)

**135. Using Self-Management Interventions to Improve Compliance With Instructions in Students With Autism Spectrum Disorder in Mainstream Schools** (EDC; Applied Research) ANGELIKA ANDERSON, Hayden Ross, Tsuyoshi Imasaka, Cernyse Wong, Dennis W. Moore, Brett Edward Furlonger, and Margherita Busacca (Monash University)

**136. Evaluating the Effects of the Cool Versus Not Cool Procedure Within a Token Economy on Inappropriate Vocal Verbal Behavior** (Applied Research) STEPHANIE BEARISH, Jennifer Labowitz, and Tori Massimo (Melmark Pennsylvania) and Samantha Sarin (Melmark)

**137. The Effect of Chained Schedule and Functional Communication Training in Reducing Escape-Maintained Self-Injurious Behavior: A Case Study** (EAB; Applied Research) MARYAM NASSER ALAKHZAMI, Xiuchang Huang, and Denise Renae Barberich (Duquesne University)

**138. A Review of Reported Mastery During Skill Acquisition Training** (DDA; Applied Research) CASSIDY MCDUGALE, Sarah M. Richling, Soracha O'Rourke, and Emily Longino (Auburn University)

**139. The Impact of Using Behavior Contracts in Treating Students With Antisocial Behaviors and Autism in Grades 3 Through 5 in Public Schools** (Applied Research) RAKAN ALSHAMMARI (Old Dominion University)

**140. Comprehensive Behavioral Intervention of Visual Perception in an Ecological Space for Children With Autism Spectrum Disorder** (EAB; Applied Research) MASAYO KOYAMA and Jun'ichi Yamamoto (Keio University)

**141. Comparing the Effectiveness of Virtual Reality and Video Modeling in Social Skills Training for Adolescents With Autism** (EDC; Applied Research) Melanie Chan, Ksenia Kolesnikova, Emily Parkinson, Angelika Anderson, and Brett Edward Furlonger (Monash University); Richard Kickbush (Mindsight VR); and DENNIS W. MOORE and James Donald (Monash University)

**142. Evaluating Interpersonal Distance in Two Behavioral Intervention Situations Using Motion Capture System** (EAB; Service Delivery) YUKINO OOMORI (Keio University), Satoru Sekine (Keio University; Japan Society for the Promotion of Science), Airi Tsuji (Tsukuba University), Takuya Enomoto (Keio University; CREST), and Jun'ichi Yamamoto (Keio University)

**143. Using Assistive Technology to Reduce Sleep Problems Experienced by Children With Autism Spectrum Disorder** (Applied Research) BERNADETTE KIRKPATRICK and Geraldine Leader (Irish Centre for Autism and Neurodevelopmental Research, National University of Ireland Galway)

*Discussant: Robert W. Isenhower (Douglass Developmental Disabilities Center, Rutgers University)*

**144. Single-Subject Comparison Between Teaching Arbitrary Auditory-Visual Successive Relations With and Without Exclusion** (VRB; Applied Research) CELSO GOYOS and Giovana Escobal (Federal University of São Carlos) and Paola Rafaini (Instituto Voar, Ribeirão Preto)

**145. Examining the Increase in Functional Communication in Children With Developmental Concerns in Comparison With Other Children in Clinical Treatment** (VRB; Applied Research) STEPHANIE NORTHINGTON (Augusta University), Christine Shelton (Fortis College; Early Autism Project), and Rebecca Howell and Taylor Rodriguez (Augusta University)

**146. Effects of Choice Making on Escape Maintained Behavior of Children With Autism** (EDC; Applied Research) JACQUELYN M. MACDONALD and Julia Volchok (Regis College)

**147. A Replication of Sensory Extinction or Punishment Effects on Stereotypic Hand Biting in an Individual Diagnosed With Autism** (PRA; Service Delivery) Morgan Weldon Stockdale, KELLE WOOD RICH RICH, Aarti Haresh Thakore, Jennifer Martz, and Tess Gartenberg (Central Texas Autism Center)

**148. Investigating Needs and Barriers Faced by Immigrant Families in Accessing Educational and Therapeutic Services for Children With Autism** (EDC; Basic Research) XIUCHANG HUANG (Duquesne University); Jie Zhang (State University of New York-Brockport); and Xiaohan Chen, Mohammed Albahrani, Maha Ali Alghamdi, Manal Alsheef, Ashley Zehner, and Mohamed Aljaffal (Duquesne University)

**149. Unpacking Evidence-Based Practices in Parent-Implemented Intervention for Children With Autism: A Systematic Review** (EDC; Applied Research) JUN AI (The University of Kansas) and Songtian Zeng (Michigan State University)

**150. Increasing Compliance With Haircutting for a Child with Phosphatase and Tensin Homolog—Autism Spectrum Disorder** (DEV; Applied Research) Jasmine Irani and CATHERINE STOREY (Queen's University Belfast)

**151. Evaluation of a Self-Instructional Package for Teaching Parents to Conduct Discrete Trials Teaching With Children With Autism** (Service Delivery) LAUREN KAMINSKI (Manitoba Association for Behavior Analysis) and Garry L. Martin (University of Manitoba)

**152. Teaching Children With Autism Discriminated Responding to the Lures of Strangers and Police Officers** (EDC; Applied Research) KATHERINE LEDBETTER-CHO (Texas State University), Russell Lang (Texas State University-San Marcos), Allyson Lee and Caitlin Murphy (Texas State University), Katy Davenport (Texas State University-San Marcos), Marie Kirkpatrick (Baylor University), Melissa Moore (Texas State University), and Glenna Billingsley (Hays Consolidated Independent School District)

**153. Serving Young Children With Autism Spectrum Disorders Through Telepractice** (PRA; Service Delivery) JESSICA FRANCO and Madhu Sundararajan (University of Texas at Austin)

**154. Manding in Children With Autism: Transfer of Control From Adults to Peers** (VRB; Applied Research) MICHAEL LAYNE MILLER (Therapeutic Pathways; Central Washington University) and Wendy A. Williams, Stephanie Stein, and Ian Loverro (Central Washington University)

*Discussant: TBA*

**155. Increasing Instructional Efficiency in Teaching Academic Skills to Students With Autism Spectrum Disorders** (EDC; Applied Research) ELIF TEKIN-IFTAR (Anadolu University) and Seray Olcay Gul (Hacettepe University)

**156. Treatment of Vocal and Motor Stereotypy Using Response Interruption and Redirection in an 18-Year-Old Female With Autism Spectrum Disorder** (PRA; Service Delivery) ADRIENNE MARCHESE (Spectrum360; Florida Institute of Technology)

**157. Adolescents and Adults With Autism: Effects of Preferred Staff on Affect, Compliance, and On-Task Behavior** (EDC; Applied Research) JESSICA ZAWACKI, James Harrison, and Gloria Satriale (Preparing Adolescents with Autism for Adult Life)

**158. A Data-Based Protocol for Reducing High Levels of Medication in Adolescents and Adults With Autism** (CBM; Applied Research) JESSICA ZAWACKI and Gloria Satriale (Preparing Adolescents with Autism for Adult Life)

**159. Coaching Parents to Implement an Imitation Intervention With Their Young Children With Autism** (TBA; Applied Research) JOHANNA TAYLOR (University of Nebraska-Lincoln)

**160. Evaluating The Effectiveness of Rehearsal on the Acquisition of Receptive Sequencing Tasks With Children** (PRA; Applied Research) SAMUEL GARCIA (The ABRITE Organization)

**161. Identification of Untrained Emotions by Individuals With Autism Spectrum Disorder After Equivalence Relations Training** (Applied Research) ANNA PLESSA and Angela Arnold-Saritepe (University of Auckland)

**162. The Effects of Reinforcement of Vocal Alternative Behavior and Contingent Demand on Vocal Stereotypy** (VRB; Applied Research) FERNANDA CASTANHO CALIXTO and Rodrigo Dal Ben de Souza (Universidade Federal de São Carlos) and Marcio Felipe Tardem and Victor Delefrati (Universidade Estadual de São Paulo)

**163. The Effects of a DOT Program on Increasing the Length of Comments With a Child Diagnosed With Autism Spectrum Disorder** (PRA; Service Delivery) JESSICA MARIE GOLDSTEIN, Justin B. Leaf, and Julia Ferguson (Autism Partnership Foundation); Joseph H. Cihon (Autism Partnership Foundation; Endicott College); and John James McEachin and Ronald Leaf (Autism Partnership Foundation)

**164. Training Effects of Implicit Spatial Perspective-Taking Tasks by Eye Movement in a Child With Autism Spectrum Disorder** (DDA; Applied Research) HIROSHI ASAOKA and Fumiyuki Noro (University of Tsukuba)



## #87 Symposium

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Seaport Ballroom G  
AUT/VRB; Applied Research  
BACB CE Offered. CE Instructor: Corina Jimenez-Gomez, Ph.D.

### Applications of Matrix Training for Teaching Children With Autism Spectrum Disorder

Chair: Corina Jimenez-Gomez (The Scott Center for Autism Treatment, Florida Institute of Technology)

#### Matrix Training as an Early Intervention Tool for Expanding Verbal and Social Repertoires of Children With Autism Spectrum Disorder

CORINA JIMENEZ-GOMEZ (The Scott Center for Autism Treatment; Florida Institute of Technology), Sandhya Rajagopal and Regina Nastri (Florida Institute of Technology), Jessebelle Pichardo (The Scott Center for Autism Treatment), and Ivy M. Chong Crane (The Scott Center for Autism Treatment; Florida Institute of Technology)

#### A Replication and Extension of Matrix Training to Teach Tacts to Children With Autism

GARET S. EDWARDS (Marcus Autism Center), Sarah Frampton (May Institute), and Taylor Thompson, Brittany Lee Bartlett, Bethany Hansen, and M. Alice Shillingsburg (May Institute)

#### Establishing Tact and Listener Responses Under the Control of Multiple Stimuli Using Matrix Training Procedures

NICOLE C. GROSKREUTZ, Jessica Allen, Kathryn Falvey, and Nicholas Cuff (University of Saint Joseph) and Corina Jimenez-Gomez (The Scott Center for Autism Treatment, Florida Institute of Technology)

## #88 Symposium

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Grand Hall D  
AUT/OBM; Service Delivery

### Diverging Perspectives on Digital Technology

Chair: Christopher E. Bullock (Kennedy Krieger Institute)

#### The Acquisition of an Autoclitic Carrier Phrase Using the iPad as a Speech-Generating Device

JESSICA MILLER and Elizabeth R. Lorah (University of Arkansas)

#### Open-Source Augmentative and Alternative Communication Technology for Autism Spectrum Disorders

SHAWN PATRICK GILROY (National University of Ireland), J McCleery (National University of Ireland - Galway), and Geraldine Leader (National University of Ireland)

#### Usability Evaluation of an Intelligent Agent to Guide Discrete Trial Therapy and Perform Data Analytics

DONALD A. HANTULA, John Nosek, Matthew Tincani, Judith Stull, Slobodan Vucetic, Tian Bai, Ashis Chanda, and Shanshan Zhang (Temple University)

## #89 Symposium

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Seaport Ballroom F  
AUT/PRA; Service Delivery  
BACB CE Offered. CE Instructor: Cailin M. Ockert, M.S.

### Exposure to Social Skill Opportunities in a Clinic-Based ABA Program: What Did We Improve?

Chair: Laura Sabin Milstrey (The BISTA Center)

#### Using Say-Do Correspondence to Teach Social Skills and Reduce Problem Behaviors

CAILIN M. OCKERT (The BISTA Center)

#### How Social Opportunities in a Developmental Setting Build Reciprocation Skills

JESSIE MARSHALL (The BISTA Center)

#### Increasing Functional Play Skill in a Center-Based Environment

EMILY DAVIS (The BISTA Center)

## #90 Symposium

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Seaport Ballroom H  
AUT/VRB; Applied Research  
BACB CE Offered. CE Instructor: Sandra R. Gomes, Ph.D.

### A Discussion on Social Referencing, Empathy and Joint Attending

Chair: Elena Garcia-Albea (Somerset Hills Learning Institute)

#### A Conceptual Analysis of Social Referencing

PAMELA NICOLE PETERSON and Rebecca P. F. MacDonald (New England Center for Children)

### A Brief Review of the Literature of Empathy With Suggestions for Future Research

ELENA GARCIA-ALBEA, Sharon A. Reeve, and Kenneth F. Reeve, and April N. Kisamore (Caldwell University) and Linda A. LeBlanc (LeBlanc Behavioral Consulting LLC)

### Establishing a Generalized Repertoire of Initiating Joint Attending With Children With Autism

SANDRA R. GOMES (Somerset Hills Learning Institute), Sharon A. Reeve and Kenneth F. Reeve (Caldwell University), Kevin J. Brothers (Somerset Hills Learning Institute), and Tina Sidener (Caldwell University)

## #91 B. F. Skinner Lecture Series

Recorded

3:00 pm–3:50 pm  
Marriott Marquis, Grand Ballroom 7-9  
AUT;  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Thomas S. Higbee, Ph.D.

### When Training and Coaching Aren't Enough: Changing Practice and Outcomes in Low-Resource Public Schools

Chair: Thomas S. Higbee (Utah State University)

DAVID MANDELL (University of Pennsylvania Perelman School of Medicine)



Dr. Mandell directs the Center for Mental Health Policy and Services Research. Dr. Mandell is also Associate Director of the Center for Autism Research at The Children's Hospital of Philadelphia. The goal of his research is to improve the quality of care individuals with autism receive in their communities. This research is of two types. The first examines, at the state and national level, the effects of different strategies to organize, finance and deliver services on service use patterns and outcomes. The second consists of experimental studies designed to determine the best strategies to successfully implement proven-efficacious practices in community settings. Dr. Mandell holds a bachelor of arts in psychology from Columbia University and a doctorate of science from the Johns Hopkins School of Hygiene and Public Health.

**Abstract:** The science of behavior change in children with autism is well developed and sophisticated. Much of the work of BCBA's in the school system involves changing and supporting the practices of educators working with these children. The science and practice of changing the behavior of educators lags far behind, however. Nowhere is this more evident than in low-resource public schools, where poor pre-service training, school resources, and organizational culture and climate all can contribute to inadequate implementation of evidence-based practices. In these situations, traditional consultation and training practices often don't result in desired change. In this presentation, I describe a 10-year public-academic partnership and line of research in Philadelphia through which we have developed the science and practice of supporting public school teachers working under difficult circumstances.

## #92 Symposium

3:00 pm–3:50 pm  
Manchester Grand Hyatt, America's Cup A-D  
CBM/EAB; Service Delivery

### Real-Time Sensing Devices: An Opportunity to Deploy Behavioral Theory in Health Interventions

Chair: Vincent Berardi (Chapman University)

Discussant: Melbourne F. Hovell (SDSU School of Public Health)

#### Effects of Continuous Reinforcement Versus Variable Magnitude and Probability Reinforcement on Adults' Physical Activity

MARC A. ADAMS (Arizona State University)

#### Project Fresh Air: Real-Time Feedback to Encourage Smoke-Free Home

JOHN BELLETTIERE (University of California San Diego); Suzanne Hughes, Neil Klepeis, Sandy Liles, and Benjamin Nguyen (San Diego State University, Center for Behavioral Epidemiology and Community Health); and Marie Boman-Davis (National University)

## #93 Symposium

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Seaport Ballroom DE  
DDA/CBM; Applied Research

### Evaluation and Implications of Individuals' Preferences for Electronics

Chair: Catherine Lark (Marcus Autism Center; Louisiana State University)

#### Evaluating Preference for Electronics Compared to Other Items in Children With Intellectual and Developmental Delays

CLARISSA MARTIN, Karys Michaela Normansell, and Mindy Christine Scheithauer (Marcus Autism Center)

**The Displacement of Low-Tech Items by High-Tech Items During Multiple Stimulus Without Replacement Preference Assessments**

AUDREY N. HOFFMANN (Johnson State College) and Anna Brady, Ryan Paskins, and Tyra P. Sellers (Utah State University)

**Identifying Children's Preference in Toys and Encouraging Low-Tech Toy Use With Reinforcement Delays**

SOFIA BEATRIZ LATORRE, Andrew L. Samaha, Yuram Kim, and Sarah E. Bloom (University of South Florida)

**#94 Symposium**

3:00 pm–3:50 pm

Marriott Marquis, San Diego Ballroom A

EAB/VRB; Service Delivery

**Transient Behavioral Changes: Theory, Data and Discussion**

Chair: Deisy De Souza (Universidade Federal de São Carlos)

Discussant: Travis Thompson (University of Minnesota)

**Behavior Dynamics: Themes and Variations**

MARCUS JACKSON MARR (Georgia Tech University)

**Verbal Behavior of Higher Order: Theoretical-Empirical Analysis of Transient Effects of Autoclitics Upon Nonverbal Behavior**

MARTHA COSTA HUBNER (University of São Paulo)

**#95 Invited Presenter**

3:00 pm–3:50 pm

Marriott Marquis, Marina Ballroom G

OBM;

PSY/BACB/QABA/NASP CE Offered. CE Instructor: Magnus Johansson, M.S.

**Using Evidence-Based Kernels to Create Nurturing Environments in Groups and Organizations**

Chair: Julie M. Slowiak (University of Minnesota Duluth)

MAGNUS JOHANSSON (Oslo Metropolitan University)



Magnus Johansson is a licensed psychologist, former CEO of a private care organization, and for the last 9 years he has been working as a consultant, primarily with leadership and group/organization development using Organizational Behavior Management and Contextual Behavioral Science. Clients include private and public sector organizations with a very wide variety of types of business. During the last two years Magnus has collaborated with Leif Andersson to develop and deliver a time-efficient management training intervention for the Swedish Migration Agency. Magnus has also done work on cultural adaption and pilot testing of the PAX Good Behavior Game in Sweden, as well as being involved in the ProSocial project ([www.prosocial.world](http://www.prosocial.world)). He has recently initiated a research project at the Oslo and Akershus University College of Applied Sciences, aiming to develop behavioral measures of Nurturing Environments in groups and organizations, and to investigate the effects of multi-tier and multi-level interventions to improve nurturance, using the concept of evidence-based kernels.

**Abstract:** Creating work environments that allow humans to thrive and be healthy over time, while also collaborating to increase efficiency in their work is a challenge for any kind of organization. Developing key skills and behaviors that become a natural part of the day to day work is a challenge for every behavior change consultant. An evidence-based kernel is a behavior–influence procedure shown through experimental analysis to affect specific behaviors (Embry & Biglan, 2008). Existing evidence shows that a variety of kernels can influence behavior in context, and evidence suggests that frequent or sufficient use of some kernels may produce longer lasting behavioral shifts. Nurturing Environments (Biglan, Flay, Embry & Sandler, 2012; Biglan, 2015) describes key areas in evolving a healthy culture: minimizing toxic social conditions, increasing reinforcement of prosocial behaviors, limiting problem behaviors, and promoting psychological flexibility in the pursuit of one's values and goals. This presentation will show how these concepts, coming from research in prevention, can be applied in various ways in non-clinical contexts, with special focus on organizations, groups and communities.

**#96 Symposium**

Ethics

3:00 pm–3:50 pm

Marriott Marquis, Marina Ballroom F

PCH/PRA; Service Delivery

BACB CE Offered. CE Instructor: Nancy Rosenberg, Ph.D.

**Guidance or Compliance: What Makes an Ethical Behavior Analyst?**

Chair: Nancy Rosenberg (University of Washington)

Discussant: Matthew T. Brodhead (Michigan State University)

**Ethical Decision Making**

NANCY ROSENBERG and Ilene S. Schwartz (University of Washington)

**An Ethical Decision Making Process for Behavior Analysts**

ILENE S. SCHWARTZ and Nancy Rosenberg (University of Washington)

**#97 Symposium**

3:00 pm–3:50 pm

Marriott Marquis, Grand Ballroom 10-13

PCH/EAB; Service Delivery

**Inter-Individual Variation and Individual Behavior Development: Phylogenetic and Ontogenetic Factors**

Chair: Christina Nord (University of Lethbridge)

**The Interaction of Phylogenetic and Ontogenetic Selection Processes**

APRIL M. BECKER (University of North Texas)

**Rapid Inhibition of Competing Behavior Within a Response System: A Neuro-Operant Analysis**

DANIELE ORTU (University of North Texas)

**Measuring Individual Variation in Wild Vervet Monkeys: How Do Populations Emerge From Individuals?**

CHRISTINA NORD, S. Henzi, and Louise Barrett (University of Lethbridge)

**#98 Panel Discussion**

3:00 pm–3:50 pm

Manchester Grand Hyatt, Seaport Ballroom A

PRA; Service Delivery

BACB CE Offered. CE Instructor: James E. Carr, Ph.D.

**An Update on the Behavior Analyst Certification Board**

Chair: Molli Luke (Behavior Analyst Certification Board)

JAMES E. CARR (Behavior Analyst Certification Board)

ISER GUILLERMO DELEON (University of Florida)

NEIL T. MARTIN (Behavior Analyst Certification Board)

**#99 Panel Discussion**

3:00 pm–3:50 pm

Manchester Grand Hyatt, Seaport Ballroom B

PRA; Service Delivery

BACB CE Offered. CE Instructor: Paul W. Heering, M.A.

**Moving To Electronic Data Collection: Lessons Learned and Tips From Four Organizations**

Chair: Paul W. Heering (May Institute)

JAIME STINE (Alpine Learning Group)

TYLER PROULX (Virginia Institute of Autism)

MICHELE D. MAYER (Horace Mann Educational Associates)

## #100 Invited Tutorial

3:00 pm–3:50 pm  
Marriott Marquis, San Diego Ballroom B  
SCI; Theory  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Elizabeth Kyonka, Ph.D.

### **SQAB Tutorial: Selection by Scientific Consequences in the Ecology of Behavior Analysis**

Chair: Adam E. Fox (St. Lawrence University)

ELIZABETH KYONKA (University of New England)



Liz Kyonka is a lecturer in psychology at the University of New England in Armidale, Australia. Originally from Canada, she completed an Sc.B. in cognitive neuroscience at Brown University and a Ph.D. in psychology from the University of Canterbury, in Christchurch, New Zealand. Her research uses schedules of reinforcement to study behavioral mechanisms, with a specific focus on choice adaptation and temporal learning. An emerging conceptual line of research explores how behavior principles operate on the scientific activities of behavior analysts. Her work has been funded by the National Science and Engineering Research Council of Canada and the National Science Foundation. Dr. Kyonka has served in executive roles for the Society for the Quantitative Analyses of Behavior and the Southeastern Association for Behavior Analysis. Currently, she is on the ABAI Program Board and the editorial boards of *Analysis of Gambling Behavior* and the *Journal of the Experimental Analysis of Behavior*.

**Abstract:** Ecology is the study of how organisms relate to one another and to their physical environment. This tutorial presents three insights from an ecological approach to investigating the scientific behavior of behavior analysts. First, longstanding discussions of “foxes” and “hedgehogs” have divided us into behavior analysts who use a broad range of skills and those who rely on a more specialized skillset, but additional categories may be valuable as well. Second, we are all products of the training we receive. From an ecological perspective, behavior analysis training programs can be K-selective or r-selective, either investing heavily in a small number of students or training as many students as possible, with less time and resources invested in each one. Finally, organizing behavior analysis research into a taxonomy, as ecologists have organized life on earth, may help to identify knowledge gaps and emerging areas of future research. One system classifies the spectrum of empirical behavior analysis research into tiers based on the research subjects, target behavior, relevant stimuli and setting used. Viewing behavior analysts, training programs and research output as an ecosystem can enable us to apply the enormously successful methods of science to our own affairs.

## #101 Symposium

3:00 pm–4:50 pm  
Manchester Grand Hyatt, Grand Hall C  
AUT/VRB; Service Delivery  
BACB CE Offered. CE Instructor: April N. Kisamore, Ph.D.

### **Manipulating Motivating Operations and Reinforcement Schedules to Increase the Verbal Repertoire of Individuals With Autism**

Chair: Jonathan Dean Schmidt (Kennedy Krieger Institute)  
Discussant: April N. Kisamore (Caldwell University)

#### **Discrimination and Generalization of Negatively-Reinforced Mands in Young Children With Autism**

LAURA C. CHEZAN (Old Dominion University), Erik Drasgow (University of South Carolina), and Gabriela McWhorter (Old Dominion University)

#### **The Effects of Pre-session Attention on the Acquisition of Tacts and Intraverbals**

MIRELA CENGHER (City University of New York, The Graduate Center) and Daniel Mark Fienup (Columbia University)

#### **Evaluation of Structured Interventions to Increase Response Allocation to Instructional Settings for Girls With Autism**

TOM CARIVEAU (University of North Carolina Wilmington), M. Alice Shillingsburg (May Institute), Arwa Alamoudi (University of Georgia), Taylor Thompson (Marcus Autism Center; Georgia State University), Brittany Lee Bartlett (Marcus Autism Center), and Lawrence Scahill (Emory University School of Medicine; Marcus Autism Center)

#### **Effects of Echoic Prompts on Increasing Mand Utterance Length for Children With Autism**

YANNICK ANDREW SCHENK, M. Alice Shillingsburg, and Sarah Frampton (May Institute) and Brittany Lee Bartlett, Taylor Thompson, and Bethany Hansen (Marcus Autism Center)

## #102 Symposium

3:00 pm–4:50 pm  
Manchester Grand Hyatt, Harbor Ballroom HI  
AUT; Service Delivery  
BACB CE Offered. CE Instructor: Kyong-Mee Chung, Ph.D.

### **Clinical Application of ABA Principles for Children With Autism**

Chair and discussant: Kyong-Mee Chung (Yonsei University)

#### **Development and Validation of an App-Based Social Skills Program for Children With High-Functioning Autism**

DONGJOO CHIN, Eun Sun Chung, Soojin Kim, HyangKyeong Oh, and Kyong-Mee Chung (Yonsei University)

#### **Understanding Subtle Emotions in Others: Applying the Yonsei Mindreading Face Battery (Y-CAM) in Adolescents and Adults With Autism Spectrum Disorder**

EUN SUN CHUNG and Kyong-Mee Chung (Yonsei University)

#### **Effectiveness of Behavioral Parent Training on Reducing Problem Behaviors for Youths With Developmental Disabilities**

SEO-I LEE and Chunmae Lee (Yonsei University) and Yuna Kim (Korea Institute for ABA)

#### **Comparison Between Teachers and Day Program Staff on the Functional Assessment for Challenging/Problem Behaviors for Persons With Developmental Disabilities**

MINJOO LEE, Hyeonsuk Jang, and Yuna Kim (Korea Institute for ABA) and Daesung Seo (Yonsei University)

## #103 Symposium

3:00 pm–4:50 pm  
Manchester Grand Hyatt, Harbor Ballroom AB  
DDA/EAB; Service Delivery  
BACB CE Offered. CE Instructor: Joe Reichle, Ph.D.

### **Augmentative and Alternative Communication Interventions: Experimental Research to Improve Communication Outcomes in Children With Complex Communication Needs**

Chair: Jennifer Ganz (Texas A&M University)  
Discussant: Joe Reichle (University of Minnesota)

#### **The Persistence of Augmentative and Alternative Mands During Functional Communication Training Following Fixed and Variable Reinforcement Schedules for Two Children With Autism**

JESSICA J. SIMACEK, Jennifer J. McComas, Adele F. Dimian, Brittany Pennington, and Joe Reichle (University of Minnesota)

#### **Augmentative and Alternative Communication and Peer Interaction: Supporting Preschool Children With Autism Spectrum Disorder**

MICHELLE THERRIEN (Florida State University)

#### **Teaching 5-Year-Olds to Build Sentences via Aided Augmentative and Alternative Communication Modeling With a Communication App**

JENNIFER KENT-WALSH (University of Central Florida; Florida Alliance for Assistive Services and Technology), Cathy Binger (University of New Mexico), and Nancy Harrington and Carolyn Buchanan (University of Central Florida; Florida Alliance for Assistive Services and Technology)

#### **The Effects of Parent Coaching in a Multimodal Communication Intervention for Children With Autism Spectrum Disorder**

CHING-YI LIAO (Texas A&M University - College Station); Jennifer Ganz, Sanikan Wattanawongwan, April N. Haas, and Sarah Ura (Texas A&M University); and Kristi Morin (University of North Carolina at Chapel Hill)

## #104 Symposium

3:00 pm–4:50 pm  
Manchester Grand Hyatt, Grand Hall A  
DDA/EDC; Applied Research  
BACB CE Offered. CE Instructor: Odessa Luna, M.S.

### **Examining Components of Parent and Staff Training: Assessment, Instruction, and Preferences**

Chair: Odessa Luna (Auburn University)  
Discussant: Nathan Call (Marcus Autism Center)

#### **Assessment and Improvement of Parent Training**

JAMIE VILLACORTA, David A. Wilder, Ansley Catherine Hodges, and Nga Luong (Florida Institute of



Technology); James Bevacqua (Nemours Children's Hospital); and Hallie Marie Ertel (Florida Institute of Technology)

#### **An Evaluation of Parent Preference for Visual Inspection**

MIRANDA MAY OLSEN, Tiffany Kodak, Mary Halbur, William Davies, and Mike Harman (University of Wisconsin - Milwaukee)

#### **Evaluation of Real-Time Feedback to Train Caregivers to Conduct Early Intensive Behavioral Interventions**

AMANDA L. GIBSON (University of Nebraska Medical Center), William J. Higgins (University of Nebraska Medical Center's Munroe-Meyer Institute), and Elizabeth J. Preas (University of Nebraska Medical Center)

#### **Using a Self-Instructional Package to Train Special Education Staff Members to Implement Reinforcement Strategies**

ODESSA LUNA, Nadratu Nuhu, Jessica Palmier, Elizabeth Brestan-Knight, and John T. Rapp (Auburn University)

### **#105 Symposium**

3:00 pm–4:50 pm

Manchester Grand Hyatt, Coronado Ballroom DE

DEV/EDC; Applied Research

BACB CE Offered. CE Instructor: R. Douglas Greer, Ph.D.

#### **Bidirectional Naming and Derived Relations With Arbitrary/Non-Arbitrary and Familiar/Unfamiliar Stimuli**

Chair: Kelly Mercorella (The Pennsylvania State University)

Discussant: R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

#### **Conditioned Reinforcement for Observing Visual Non-Familiar and Familiar Stimuli: A Comparison of Naming Repertoires and the Effects of a Repeated Probe Procedure**

KELLY L. KLEINERT (Columbia University Teachers College) and R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

#### **An Experimental Analysis of the Establishment of Bidirectional Naming on the Emergence of Non-Arbitrary and Arbitrary Applicable Relational Responding**

GEORGETTE MORGAN (Columbia University Teachers College) and R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

#### **Basic Relational Concept and Verbal Behavior Development in Preschool Children With and Without Autism Spectrum Disorder**

LIN DU, Alexis Branca, and Ann Boehm (Teachers College, Columbia University)

#### **The Naming Continuum and the Subsequent Acceleration of Learning**

MADELINE FRANK (Teachers College Columbia University)

### **#106 Symposium**

3:00 pm–4:50 pm

Marriott Marquis, San Diego Ballroom C

EAB/OBM; Service Delivery

#### **Cultural Analysis: From the Laboratory to the Natural Environment, From Basic to Translational Research**

Chair: Sigrid S. Glenn (University of North Texas)

Discussant: João Claudio Todorov (Universidade de Brasília)

#### **Establishing Good Individual Baselines for the Experimental Study of Social Behavior and Cultural Practices**

MARCELO FROTA LOBATO BENVENUTI (Universidade de São Paulo) and Thais F. N. de Toledo (Universidade Federal de Mato Grosso)

#### **Different Effects of Punishment and Extinction in Reducing Culturant's Frequency**

FABIO HENRIQUE BAIA, Isabella Lemes, Alina Bianco, Poliana Ferreira da Silva, and Rogerio Guaita dos Santos Baia (Universidade de Rio Verde)

#### **Organizational Culture as Interlocked Behavioral Contingencies Selected By Cultural Consequences**

AECIO DE BORBA VASCONCELOS NETO (Universidade Federal do Para)

#### **Strengthening Children's Cultural Practices: Metacontingencies of Sustainability and Prevention of the Zika Virus**

LAERCIA ABREU VASCONCELOS (Universidade de Brasília) and Julio C. De Rose (Universidade Federal de São Carlos)

### **#107 Paper Session**

3:00 pm–4:50 pm

Manchester Grand Hyatt, Harbor Ballroom G

EDC

#### **Improving Students' Academic Performance**

Chair: Emily Nordlund (Central Washington University)

#### **Designing Effective Programs (Service Delivery)**

EMILY NORDLUND (Central Washington University; Morningside Academy) and Julian Gire (Morningside Academy)

#### **Effects of Prompt Fading Across Two Reading Comprehension Interventions With Diverse Learners (Applied Research)**

MARIA HELTON, Leigh Ann Amspaugh, and Amy Bruno (The Ohio State University); Nichole Bordner (Accelerated Learning Clinic); and Kelsey Ross, Sheila R. Alber-Morgan, Laurice Joseph, and Moira Konrad (The Ohio State University)

#### **Using Self-Monitoring to Improve On-Task Behavior and Academic Skills (Applied Research)**

CARLA T. SCHMIDT, Stacy Masterson Masterson Tilford, Christina Carnahan, and Todd Haydon (University of Cincinnati)

#### **Comparing an Evidence-Based Approach to Literacy Instruction With an Eclectic Model for Children With Specific Literacy Difficulty (Applied Research)**

CATHERINE STOREY (Queen's University Belfast), Claire E. McDowell (Ulster University, Coleraine), and Julian C. Leslie (Ulster University)

### **#108 Symposium**

3:00 pm–4:50 pm

Marriott Marquis, Marina Ballroom D

OBM/VRB; Applied Research

BACB CE Offered. CE Instructor: Byron J. Wine, Ph.D.

#### **Feedback Accuracy: Gathering, Delivering, and Its Effect on Performance**

Chair: Andressa Sleiman (Florida Institute of Technology)

Discussant: Byron J. Wine (The Faison Center)

#### **An Evaluation of Anonymous, Internet-Based Feedback**

Nicole Gravina, Andressa Sleiman, and DENNIS URIARTE (Florida Institute of Technology)

#### **The Effects of Feedback Accuracy on Rumor During an Analogue Task**

Joshua Lipschultz, David A. Wilder, ANDRESSA SLEIMAN, Scott Michael Curry, Nelmar Jacinto Cruz, Nga Luong, and Nicole Gravina (Florida Institute of Technology)

#### **The Relative Effects of Feedback Accuracy and Trainer Verbal Behavior on Performance During an Analogue Task**

JOSHUA LIPSCHULTZ, David A. Wilder, Scott Michael Curry, Nelmar Jacinto Cruz, Andressa Sleiman, and Nicole Gravina (Florida Institute of Technology)

#### **An Assessment of Variables That Impact Feedback Accuracy During Coaching Interactions**

NICHOLAS MATEY, Nicole Gravina, and Sandhya Rajagopal (Florida Institute of Technology); Alison M. Betz (Coastal Behavior Analysis); and Ronald Clark, Noell Jankowski, and Dennis Uriarte (Florida Institute of Technology)

### **#109 Symposium**

Ethics

3:00 pm–4:50 pm

Manchester Grand Hyatt, Seaport Ballroom C

PRA; Service Delivery

BACB CE Offered. CE Instructor: Jennifer Klapatch Totsch, Ph.D.

#### **The Big Picture: An Analysis of Interlocking and Competing Contingencies Affecting Values-Based Practice**

Chair: Amy Nicole Lawless (The Chicago School of Professional Psychology)

Discussant: Janani Vaidya (The Chicago School of Professional Psychology)

#### **Putting the "Functional" in Skill Building for Restorative Justice Practices**

WORNER LELAND and Fawna Stockwell (Upswing Advocates)

#### **The Application of Transformative Justice-Based Practices in Improving the Social Validity of Behavior Change Interventions**

JENNIFER KLAPATCH TOTSCH (National Louis University)

Saturday, May 26

### Considering Client Values in Clinical Decision Making

JAMINE DETTMER (ReachABA)

### Organizational Maintenance of Ethical Practice Repertoires

AMY NICOLE LAWLESS (The Chicago School of Professional Psychology)

## #110 Symposium

3:00 pm–4:50 pm

Manchester Grand Hyatt, Harbor Ballroom C

TBA; Service Delivery

### Improving Higher Education Using Behavior Analysis: Interteaching Research and Practice

Chair: Catherine M. Gayman (Troy University)

Discussant: Joseph D. Dracoby (Eastern Connecticut State University)

#### Principles of Effective Instruction: What Behavior Analysis Has Discovered About Best Teaching Practices

Thomas L. Zane (The University of Kansas) and CATHERINE M. GAYMAN (Troy University)

#### A Component Analysis of Interteaching

STEPHANIE JIMENEZ (University of Pittsburgh at Johnstown), Catherine M. Gayman (Troy University), and Clarissa Nepereny (University of Pittsburgh Johnstown)

#### Multiple Variables in Interteaching Sessions and the Relation Between Question Type and Discussion Quality

SCOTT A. SPAULDING and Michael Gutierrez (University of Washington)

#### Comparing Teaching Styles: Traditional Lecture Versus Interteach

MARGARET MURPHY and Benjamin N. Witts (St. Cloud State University)

## #111 Symposium

3:00 pm–4:50 pm

Manchester Grand Hyatt, Grand Hall B

VRB/AUT; Applied Research

BACB CE Offered. CE Instructor: Mary Halbur, M.S.

### Advances in Verbal Behavior Research and Practice

Chair: Mary Halbur (University of Wisconsin - Milwaukee)

Discussant: Judah B. Axe (Simmons College)

#### The Effects of a Procedure to Generalize Manding “Where?” in Children With Autism

AZURE PELLEGRINO, Thomas S. Higbee, and Katelin Hobson (Utah State University)

#### Teaching Children With Autism Spectrum Disorder to Talk About Private Events

STEPHANIE SMOTHERMON (Texana Center) and Sarah A. Lechago and Rachel Jackson (University of Houston-Clear Lake)

#### Comparing Within-Stimulus Prompts to Teach Intraverbal Conditional Discriminations of Function

GABRIELLA RACHAL VAN DEN ELZEN, Tiffany Kodak, Samantha Bergmann, Sophie Knutson, Ella M. Gorgan, Miranda May Olsen, Mike Harman, and Brittany Benitez (University of Wisconsin - Milwaukee)

#### Evaluation of a Blocked-Trials Procedure to Teach Multiply Controlled Intraverbals to Children With Autism

ASHLEY E. SILBERMAN, April N. Kisamore, Laura L. Grow (California State University, Fresno), Jason C. Vladescu, Lauren Goodwyn, and Catherine Taylor-Santa (Caldwell University)

## #112 Symposium

4:00 pm–4:50 pm

Manchester Grand Hyatt, Seaport Ballroom G

AUT/DDA; Applied Research

BACB CE Offered. CE Instructor: Jason Travers, Ph.D.

### Enhancing the Employability of Young Adults With Autism Spectrum Disorder

Chair: Jason Travers (The University of Kansas)

#### A Component Analysis of Job Interview Training for Young Adults With Autism Spectrum Disorder

HELENA WHITLOW (Seven Hills Foundation), Rocio Rosales and Nicole Auclair (University of Massachusetts Lowell)

#### Improving Flexible Responding During a Mock Job Interview for High Functioning Adults With Autism

VICTORIA DIANE HUTCHINSON and Ruth Anne Rehfeldt (Southern Illinois University)

#### Developing Customer Service Skills in a Young Adult With Autism Employed at a Retail Store

LESLIE ANN BROSS and Jason Travers (The University of Kansas)

## #113 Symposium

4:00 pm–4:50 pm

Manchester Grand Hyatt, Seaport Ballroom H

AUT/PRA; Applied Research

BACB CE Offered. CE Instructor: Nancy J. Champlin, M.S.

### A Behavioral Approach to Targeting Play Skills

Chair: Nancy J. Champlin (ACI Learning Centers)

#### An Evaluation of Typically Developing Children's Sociodramatic Play and Language Skills

NANCY J. CHAMPLIN (ACI Learning Centers)

#### Examining Independent Pretend Play Skills in Typically Developing Children

MELISSA SCHISSLER (ACI Learning Centers)

#### Teaching Children Diagnosed With Autism a Chain of Play Actions and Corresponding Vocalizations

BAILEY BOSCH, Melissa Schissler, and Nancy J. Champlin (ACI Learning Centers)

## #114 Panel Discussion

4:00 pm–4:50 pm

Manchester Grand Hyatt, Seaport Ballroom F

AUT; Service Delivery

BACB/QABA CE Offered. CE Instructor: Sara Gershfeld Litvak, M.A.

### Measuring Intervention Outcomes and Evaluating Quality of Programs for Individuals With Autism Spectrum Disorder: A Discussion

Chair: Sara Gershfeld Litvak (Behavioral Health Center of Excellence)

HANNA C. RUE (Autism Spectrum Therapies)

THOMAS J. ZWICKER (ZABA Therapy; Behavioral Health Center of Excellence)

YAGNESH VADGAMA (Magellan Healthcare)

## #115 Symposium

4:00 pm–4:50 pm

Manchester Grand Hyatt, America's Cup A-D

CBM/CSS; Service Delivery

BACB CE Offered. CE Instructor: Nicole C. Groskreutz, Ph.D.

### Understanding Resilience and PTSD Through Behavior Analysis

Chair: Nicole C. Groskreutz (University of Saint Joseph)

#### Toward a Behavioral Analysis of Resilience and Implications for Military Personnel

MARK P. GROSKREUTZ (Southern Connecticut State University) and Nicole C. Groskreutz (University of Saint Joseph)

#### Cognitive Processing Therapy in Behavior Analytic Terms

KOMLANTSE GOSSOU (Quebec Association for Behavior Analysis)

#### The Complexities of PTSD Co-Morbidities

ECHO CHAN (Columbus Organization) and Amber Groat (California State University, Northridge)

## #116 B. F. Skinner Lecture Series

Recorded

4:00 pm–4:50 pm

Marriott Marquis, Grand Ballroom 7-9

DDA;

PSY/BACB/QABA/NASP CE Offered. CE Instructor: Kelly M. Schieltz, Ph.D.

### ECHO Autism: Bringing Best Practice Autism Care to Community Providers

Chair: Kelly M. Schieltz (The University of Missouri)

KRISTIN SOHL (University of Missouri Health Care)



Kristin Sohl, MD, FAAP is an associate professor of Clinical Child Health at the University of Missouri, Thompson Center for Autism and Neurodevelopmental Disorders and Associate Chair for the Child Health Department. She is a pediatrician with extensive experience in medical diagnosis, evaluation and treatment of children with a concern of autism and other neurodevelopmental disorders. Dr. Sohl is regarded as an expert in quality and process improvement for comprehensive autism diagnostic and longitudinal services. She is the site principle investigator for the Autism Intervention Research for Physical Health/Autism Treatment Network and serves in national leadership roles with each of these programs. She is the founder of ECHO Autism,

an innovative framework to increase community capacity to care for children with autism and other developmental/behavioral concerns. Her research focuses on systems change to improve healthcare and also focuses on understanding underlying medical conditions in individuals with autism. Dr. Sohl is a tireless advocate for children and enjoys engaging other physicians in being a voice for children's health. She serves on the Executive Board of the Missouri Chapter of the American Academy of Pediatrics. She completed medical school and pediatric residency at the University of Missouri.

**Abstract:** ECHO Autism is an innovative model that leverages video-conferencing technology to create virtual learning networks of community providers. Community Providers regularly share deidentified case information with a team of experts who mentor through best practice strategies. ECHO Autism is reaching thousands of children in North America by training their primary care physicians and therapists. ECHO Autism for Primary Care Physicians/Practitioners focuses on increasing self-efficacy in identifying symptoms of autism and managing common medical and psychiatric comorbidities. ECHO Autism ABA and ECHO Autism School Psychology are other iterations of the model being used to disseminate and mentor best practice methods in rural and underserved communities.

#### #117 Symposium

4:00 pm–4:50 pm  
Marriott Marquis, Marina Ballroom F  
OBM; Applied Research  
BACB CE Offered. CE Instructor: Adam S. Warman, M.S.

#### New Developments in Human Services and Organizational Behavior Management

Chair: Adam S. Warman (The Faison Center)

##### An Evaluation of Static Versus Dynamic Antecedents on Human Service Employees

ADAM S. WARMAN, Byron J. Wine, Eli T. Newcomb, and Ting Chen (The Faison Center)

##### Towards an Efficient Model of Group Staff Training: The Utility of Video Critiques

JULIA IANNACCONE (Kennedy Krieger Institute) and Lynn G. Bowman (Kennedy Krieger Institute; Johns Hopkins University School of Medicine)

##### Injury Prediction in Human Service Settings Serving Individuals With Autism Spectrum Disorders and Related Intellectual Disabilities: Staff Injury Potential and Patient Injury Potential

SAMANTHA HARDESTY (Kennedy Krieger Institute), Lynn G. Bowman (Kennedy Krieger Institute; Johns Hopkins University School of Medicine), Louis P. Hagopian (Kennedy Krieger Institute), and Sigurdur Olí Sigurdsson (Florida Institute of Technology)

#### #118 Panel Discussion

#### Student Committee Event; Supervision

4:00 pm–4:50 pm  
Manchester Grand Hyatt, Seaport Ballroom B  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: Cheryl J. Davis, Ph.D.

#### Variations in Supervision Practices: How to Best Conduct Supervision Using Different Methodologies

Chair: Cheryl J. Davis (7 Dimensions Consulting; SupervisorABA)

DANA R. REINECKE (Long Island University Post; SupervisorABA)  
BREANNE K. HARTLEY (Little Star Center)  
VALBONA DEMIRI (Hopewell Valley Regional School District; Endicott College)

#### #119 SQAB Tutorial

4:00 pm–4:50 pm  
Marriott Marquis, San Diego Ballroom B  
SCI; Theory  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Todd L. McKerchar, Ph.D.

#### Behavioral Economics and Public Policy

Chair: Derek D. Reed (The University of Kansas)

STEVEN R. HURSH (Institutes for Behavior Resources, Inc.)



Dr. Steve Hursh is president and chief scientist of the Institutes for Behavior Resources in Baltimore, MD. He directs research and application efforts on human performance and fatigue, behavioral economics, drug abuse, and cooperative team performance. He is also adjunct professor of behavioral biology in the Department of Psychiatry and Behavioral Sciences at the Johns Hopkins University School of Medicine. His leadership of IBR builds on a distinguished career both as a behavioral researcher and research manager, including 23 years of experience as a scientist in the US Army, serving as the consultant to the Army Surgeon General for Research Psychology, director of the Division of Neuropsychiatry at the Walter Reed Army Institute of

Research, and as a medical staff officer in the Office of the Assistant Secretary of the Army (Research, Development, and Acquisition). Dr. Hursh is a recognized co-founder of the Behavioral Economics subfield of Behavioral Psychology. His exponential model of economic demand has been widely adopted for research and analysis of consumer behavior. His research papers have introduced into the behavioral vocabulary a number of standard terms: open and closed economies, demand curves and demand elasticity, unit price, substitution and complementarity, Pmax, Omax, and recently an exponential model of demand that has broad generality across species and reinforcers. His extensions to drug abuse and the framing of drug abuse policy have had a major impact on the research direction of the National Institute of Drug Abuse. The concept of essential value derived from exponential demand has promise as a framework for assessing abuse liability, defining the nature of drug addiction, and more broadly providing a framework for understanding how public policy can shape human behavior. Dr. Hursh earned his B.A. in psychology from Wake Forest University and Ph.D. in experimental psychology from the University of California, San Diego. Over his 45 years in research, Steve has authored or co-authored over 100 published articles, book chapters, and technical reports, and served as associate editor of the *Journal of the Experimental Analysis of Behavior* and guest reviewer for numerous other journals.

**Abstract:** Much of public policy has to do with how to formulate policy to either directly influence human behavior toward some common goal or consider the indirect effects of public policy on human behavior. From a behavior analytic point of view, public policy designed to influence behavior can manipulate discriminative control of behavior through advertising and education, offer reinforcers as incentives to shift behavior toward more productive or healthy choices, or introduce costs or penalties to discourage destructive or unhealthy choices. Underlying nearly all public policy decisions is a need to understand what sorts of things people want—what do people desire and how much will they pay for the things that they desire. Effective public policy harnesses our natural desires and directs them toward more healthy and productive outcomes by offering new and better alternatives, lowering the perceived costs of desired alternatives, and discouraging less desirable alternatives. Framed in this way, we can see that public policy is all about behavioral economics—the science that quantifies the essential value of commodities and defines the cost/benefit relationships associated with those commodities. In this tutorial I will explain scientific principles and methods for quantifying essential value and demand for alternative goods. I will draw on animal studies using drugs as reinforcers, human studies of drugs as reinforcers and other commodities, and studies of both isolated demand for single goods and competing demand between several goods. I will show extrapolations of these principles to public policy to stimulate future research and application beyond the bulk of prior research. I will conclude by demonstrating that impulsive behavior that is also a focus of behavioral economics and public policy is, at its core, another way to look at the relative essential value of goods, with time as the dimension of cost.

#### #120 Symposium

4:00 pm–5:50 pm  
Manchester Grand Hyatt, Grand Hall D  
AUT/DDA; Service Delivery  
BACB/QABA/NASP CE Offered. CE Instructor: Richard G. Smith, M.S.

#### On the Efficiency, Complexity, and Safety of Functional Analyses of Problem Behavior

Chair: Holly Gover (Western New England University)  
Discussant: Richard G. Smith (University of North Texas)

##### A Review of Trends in Efficiency and Implementation Components of Published Functional Analyses (1965–2016)

RACHEL METRAS and Joshua Jessel (Queens College), Gregory P. Hanley (Western New England University), and Mahshid Ghaemmaghami (University of the Pacific)

##### A Data-Based Decision-Making Model in the Selection of Functional Analysis Procedures

JAMES MOORE (University of Southern Mississippi; Canopy Children's Solutions), Breanna Newborne (Canopy Children's Solutions), Hayden Rizer (University of Southern Mississippi), Meleah Ackley (University of Southern Mississippi), and Heather Whipple (University of Southern Mississippi; Kennedy-Krieger Institute)

##### Consultant-Supported Functional Analysis in Educational Settings

CORY WHELAN (May Institute; Western New England University) and Gregory P. Hanley (Western New England University)

##### An Evaluation of Progressive Extinction to Assess Response Class Membership of Multiple Topographies of Problem Behavior

CHRISTINE A. WARNER (Western New England University; New England Center for Children); Gregory P. Hanley (Western New England University); Mahshid Ghaemmaghami (University of the Pacific); Holly Gover, Robin K. Landa, and Adithyan Rajaraman (Western New England University); Jessica Slaton (Nashoba Learning Group); and Kelsey Ruppel (Western New England University)

## #121 Symposium

4:00 pm–5:50 pm  
Marriott Marquis, Marina Ballroom G  
CSS/PRA; Applied Research

### **Getting Adults Moving! Evaluating the Use of Feedback, Goal-Setting, Deposit Contracts, and Various Schedules of Reinforcement to Increase Physical Activity**

Chair: Kelly M. Banna (Millersville University of Pennsylvania)  
Discussant: Wendy Donlin Washington (University of North Carolina Wilmington)

#### **The Effects of Escalating Versus Non-Escalating Schedules of Reinforcement on Increasing Physical Activity in Adults**

KELLY M. BANNA (Millersville University of Pennsylvania), Rebecca Lurie (State University of New York, Binghamton), and Wendy Donlin Washington (University of North Carolina Wilmington)

#### **Shaping Up at Work! Evaluating the Effects of Education, Feedback, Goal-Setting, and Prompting to Increase Workplace Physical Activity**

NICHOLAS GREEN and Jesse Dallery (University of Florida)

#### **Comparison of a Mobile Versus In-Person Deposit Contract Intervention for Increasing Physical Activity**

LISA M. STEDMAN-FALLS and Jesse Dallery (University of Florida)

#### **Evaluating the Effectiveness of Goal Setting and Textual Feedback for Increasing Running Distance**

DIEGO VALBUENA (University of South Florida), Michael Zarate (University of South Florida), Raymond G. Miltenberger (University of South Florida)

## #122 Symposium

4:00 pm–5:50 pm  
Manchester Grand Hyatt, Seaport Ballroom DE  
DDA/CBM; Applied Research

### **Function-Based Treatments: Implications for Treatment and Maintenance**

Chair: Madeleine Diane Keevy (Munroe-Meyer Institute; University of Nebraska Medical Center)  
Discussant: Joel Eric Ringdahl (University of Georgia)

#### **The Effects of Response Dependent and Response Independent Progressive Time Delay During Functional Communication Training**

KRISTINA GERENCSEK, Joanna Lomas Mevers, and Colin S. Muething (Marcus Autism Center; Emory University School of Medicine)

#### **Evaluation of Multiple Schedules for Rapidly Thinning Noncontingent Reinforcement**

RONALD JOSEPH CLARK, Justine Henry, Theo Paul Robinson, Kacie McGarry, and Michael E. Kelley (The Scott Center for Autism Treatment, Florida Institute of Technology)

#### **Promoting Rapid Transfer of Treatment Effects to Caregivers During Functional Communication Training**

LAUREN PHILLIPS, Brian D. Greer, Wayne W. Fisher, Katie Lichtblau, Daniel R. Mitteer, and Adam M. Briggs (Munroe-Meyer Institute; University of Nebraska Medical Center)

#### **Relapse of Undesirable Caregiver Behavior Following Behavioral Skills Training**

DANIEL R. MITTEER, Brian D. Greer, Wayne W. Fisher, Adam M. Briggs, Ryan Kimball, and Kayla Rechelle Randall (Munroe-Meyer Institute; University of Nebraska Medical Center) and David P. Wacker (The University of Iowa)

## #123 Symposium

4:00 pm–5:50 pm  
Marriott Marquis, San Diego Ballroom A  
EAB/TBA; Basic Research

### **Advances in Technology for the Operant Laboratory**

Chair: Forrest Toegel (West Virginia University)  
Discussant: Dean C. Williams (Parsons Research Center)

#### **Paradigm Experiments: Accessible Software for Building and Executing Mobile-Friendly Research**

SEAN DRISCOLL (Factari) and Joshua K. Pritchard and Adam Thornton Brewer (Florida Institute of Technology)

#### **Design and Evaluation of a Touchscreen Apparatus for Pigeons**

FORREST TOEGEL and Michael Perone (West Virginia University)

#### **Improved Designs for 3-D Printed Operant Chambers**

ROGELIO ESCOBAR, Brissa Gutierrez, Rodrigo Benavides (Universidad Nacional Autónoma de México)

#### **A Cheap, Versatile Operant Interface Based on Arduino Technology**

MICHAEL PERONE (West Virginia University)

## #124 Symposium

4:00 pm–5:50 pm  
Manchester Grand Hyatt, Seaport Ballroom A  
EDC; Service Delivery  
BACB CE Offered. CE Instructor: Richard M. Kubina, Ph.D.

### **Teaching Mathematics and Executive Function Skills With Typical and Near-Typical Learners**

Chair: Andrew R. Kieta (Morningside Academy)  
Discussant: Richard M. Kubina (The Pennsylvania State University)

#### **Effects of Frequency Building Using a Modified Morningside Academy Math Facts Curriculum on Middle School Students' Mathematics Achievement**

JAMES STOCKER (University of North Carolina Wilmington)

#### **Native Numbers With Precision: Adapting an Educational App for Precision Teaching**

KERRI L. MILYKO (Precision Teaching Learning Center)

#### **Executive Dysfunction in the Classroom: A Behavioral Interpretation**

SHILOH M ISBELL and Brien McGuire (Morningside Academy)

#### **Enhancing Executive Function Skills by Teaching Retelling With Logic Problems**

VIVIAN MACH and Joanne K. Robbins (Morningside Academy)

## #125 Symposium

4:00 pm–5:50 pm  
Marriott Marquis, Marina Ballroom E  
OBM; Theory

### **Metacontingencies: Social Networks, Further Developments, Contributions, and Applications**

Chair: Ingunn Sandaker (Oslo Metropolitan University, Norway)  
Discussant: Gunnar Ree (Oslo Metropolitan University, Norway)

#### **Including Contingencies and Metacontingencies to a Coevolutionary Approach to Cultural Evolution**

KALLIU CARVALHO COUTO (Oslo Metropolitan University)

#### **Organizational Performance Engineering Versus Self-Organization and Adaptation: Exploring Limits and Synergies Between Two Paradoxical Approaches**

JONATHAN KRISPIN (Valdosta State University)

#### **Exploring Complexity in Organizations: Bridging Social Networks and Behavior Analysis**

FABIO BENTO (Oslo Metropolitan University)

#### **The Role of Middlemen in Administrative Actions: Behavioral and Metacontingencies Analyses of Petty Corruption**

TETE KOBLA AGBOTA (Oslo Metropolitan University)

## #126 Symposium

5:00 pm–5:50 pm  
Manchester Grand Hyatt, Seaport Ballroom F  
AUT/DDA; Service Delivery  
BACB CE Offered. CE Instructor: Ian Melton, M.S.

### **Utilizing Basic Strategies to Achieve Positive Outcomes for Students With Autism Spectrum Disorder**

Chair: Ashly Voorde (LOGAN Community Resources, Inc.)  
Discussant: Ian Melton (Endicott College)

#### **Teaching Staff to Effectively Teach Groups of Learners With Autism Spectrum Disorder**

JILL E. MCGRALE MAHER, Katelyn Moisan, and Micaela Grady (Behavioral Concepts, Inc.)

#### **Making Significant Staff and Client Behavior Change Using Basic Strategies**

Jill E. McGrale Maher, KATELYN MOISAN, and Desdalin Black (Behavioral Concepts, Inc.)

## #127 Symposium

5:00 pm–5:50 pm  
Manchester Grand Hyatt, Seaport Ballroom G  
AUT/PRA; Service Delivery

### **Intervention Strategies for Older Learners With Autism Spectrum Disorder: Enhancing Life and Work Skills**

Chair: Kaitlin Ross (MECA)

**Effectiveness of Electronic Visual Schedules on Task Completion and Transitioning of Adolescents With Developmental Disabilities**  
KATARINA RADI (Bancroft)

**The Effects of Using an iPad Mini to Teach Vocational Tasks**  
KARI ANNE DUNLOP (HMEA; Endicott College)

**Developing Adaptive Responses Through Systematic Desensitization to Challenging Stimuli**  
LAUREN ERION and Dan Albrand (Preparing Adolescents and Adults for Life), Thomas L. Zane (The University of Kansas), and Gloria Satriale (Preparing Adolescents and Adults for Life)

#### #128 Paper Session

5:00 pm–5:50 pm  
Manchester Grand Hyatt, Seaport Ballroom H  
AUT

**Effective School-Based Interventions for Individuals With Autism Spectrum Disorder**  
Chair: Michael Voltaire (Nova Southeastern University)

**Early Interventions and Implications for Independent Functioning of Emerging Adults Diagnosed With Autism** (Service Delivery)  
MICHAEL VOLTARE (Nova Southeastern University)

**Closing the Gap: Utilization of Applied Behavior Analysis Methodologies in the General Education Classroom for Students With Autism** (Service Delivery)  
HANA LYNN JURGENS (Cayer Behavioral Group, Inc.)

#### #129 Symposium

5:00 pm–5:50 pm  
Manchester Grand Hyatt, Coronado Ballroom AB  
CBM/PCH; Service Delivery  
BACB/QABA/NASP CE Offered. CE Instructor: Thomas H. Dozier, M.S.

**Misophonia: A Conditioned Respondent Behavior Disorder**  
Chair: Thomas H. Dozier (Misophonia Institute; Misophonia Treatment Institute)  
Discussant: Patrick C. Friman (Boys Town)

**Phenomenology of Misophonia: A Respondent Physical-Emotional Response Disorder**  
MICHELLE LOPEZ (Alliant International University, San Diego; Misophonia Institute), Thomas H. Dozier (Misophonia Treatment Institute; Misophonia Institute), Kate L. Morrison (Utah State University), and Leighton Gramp (Alliant International University, San Diego)

**Counterconditioning Intervention for Misophonia**  
THOMAS H. DOZIER (Misophonia Institute; Misophonia Treatment Institute)

#### #130 Symposium

5:00 pm–5:50 pm  
Manchester Grand Hyatt, America's Cup A-D  
CBM/PCH; Service Delivery  
BACB CE Offered. CE Instructor: Megan St. Clair, M.A.

**Persisting and Thriving: Recent Research on Acceptance and Commitment Therapy and Applied Behavior Analysis**  
Chair: Megan St. Clair (Halo Behavioral Health)

**No Room to Quit When You've Built Up Your Grit: A Behavioral Conceptual Analysis of Grit and Implications for Functional Assessment and Treatment**  
MEGAN ST. CLAIR (Halo Behavioral Health) and Jonathan J. Tarbox (University of Southern California; FirstSteps for Kids)

**Thriving in the Face of Adversity: A Review and Behavioral Conceptual Analysis of Research on Promoting Resilience**  
LAUREN SERVELLON and Jonathan J. Tarbox (University of Southern California; FirstSteps for Kids)

**Microaggression, Intimate Partner Gender-Based Violence, and Behavioral Flexibility Training in Sierra Leonean Couples**  
THOMAS G. SZABO (Florida Institute of Technology), Hannah Bockarie (Commit & Act, Sierra Leone), Ross White (University of Liverpool), Corinna Stewart (National University of Ireland), and Beate Ebert (Commit & Act International)

#### #131 Symposium

5:00 pm–5:50 pm  
Manchester Grand Hyatt, Harbor Ballroom AB  
DDA/PRA; Service Delivery  
BACB CE Offered. CE Instructor: Jessica Ann Korneder, Ph.D.

**Toolbox for Success: An Evaluation of Instructional Strategies for Employment and Daily Living Skills**  
Chair: Erin Lynn Sorenson (Western Michigan University)

**Press Play! The Effects of Video Prompting and Frequency Building to Teach Daily Living Skills**  
JENNIFER WERTALIK (Armstrong State University)

**An Applied Behavior Analysis Approach to Teaching Pre-Employment Skills**  
JESSICA ANN KORNEDER and Kristin Rohrbeck (Oakland University)

**You're Hired! Examining the Effects of First-Person Point-of-View Video Models as an Instructional Tool for Job-Related Social Skills**  
KAYLA JENSSEN, Jessica E. Frieder, Kimberly Peck, and Sean Field (Western Michigan University)

#### #132 Symposium

5:00 pm–5:50 pm  
Manchester Grand Hyatt, Grand Hall A  
DDA; Applied Research  
BACB CE Offered. CE Instructor: Audrey N. Hoffmann, Ph.D.

**Emerging Technologies and Alternative Modalities of Preference Assessment**  
Chair: Audrey N. Hoffmann (Johnson State College)

**Assessing Preferences of Individuals With Developmental Disabilities Using Alternative Stimulus Modalities: A Review**  
Megan R. Heinicke (California State University, Sacramento), James E. Carr (Behavior Analyst Certification Board), and CATHERINE COPSEY (California State University, Sacramento)

**Using Pictures Depicting App Icons to Conduct a Multiple Stimulus Without Replacement Preference Assessment on a Tablet Device**  
Audrey N. Hoffmann (Johnson State College), RYAN PASKINS and Anna Brady (Utah State University), and Tyra P. Sellers (Utah State University; Utah Behavior Support Clinic)

**Preference of Two Communication Applications and Ease of Navigation**  
DAPHNE HARTZHEIM, Surani Nakkawita, and Cara Tyson (Louisiana State University)

#### #133 Symposium

5:00 pm–5:50 pm  
Manchester Grand Hyatt, Coronado Ballroom DE  
DEV/EAB; Service Delivery  
NASP CE Offered. CE Instructor: Michael Lampert Commons, Ph.D.

**Applications of a Behavioral-Developmental Stage Model to Intelligence in Animals, Humans, and Androids**  
Chair: Michael Lampert Commons (Harvard Medical School)

**The First Three Developmental and Evolutionary Behavioral Stages**  
MANSI J SHAH (Dare Association)

**Respondent Conditioning Based on Adaptive Neural Networks**  
SIMRAN TRISAL MALHOTRA (Dare Association) and Michael Lampert Commons (Harvard Medical School)

**Androids Based on the Behavioral Developmental and Evolutionary Stage Model**  
ANISHA BAIDYA (Dare Association)

#### #134 Paper Session

5:00 pm–5:50 pm  
Marriott Marquis, San Diego Ballroom C  
EAB

**Animal Models of Neurological Disorders**  
Chair: Espen Sjoberg (Oslo and Akershus University College)

**Ascending Versus Descending Delays: A Delay Discounting Experiment on an Animal Model of ADHD** (Basic Research)  
ESPEN SJOBERG, Per Holth, and Hans Martin Ottåsen (Oslo Metropolitan University); Raquel Wilner (Courtauld Institute of Art); and Espen Borgå Johansen (Oslo Metropolitan University)

**Translational Studies of Epilepsy, Behavior, and Environment: A 35 Year Progress Report** (Applied Research)  
JOHN C. NEILL (Long Island University, Post)

#### #135 Symposium

5:00 pm–5:50 pm  
Manchester Grand Hyatt, Harbor Ballroom HI  
EDC/PRA; Service Delivery  
BACB CE Offered. CE Instructor: Benjamin N. Witts, Ph.D.

**Providing Behavioral Services in Higher Education: Supporting Students, Faculty, and Administration**  
Chair: Katelyn Danielle Smith (University of Mississippi)

**Fostering the Future: Promoting Behavior Science in Undergraduate Education**  
GENEVIEVE M. DEBERNARDIS (University of Nevada, Reno)

**Nontraditional Students' Views of Their University at a Medium-Sized Midwest University**  
BENJAMIN N. WITTS (St. Cloud State University)

**A Focus on Faculty Behavior: Influencing Institutional Effectiveness and Assessment Practices**  
KAREN KATE KELLUM (University of Mississippi) and Emily Kennison Sandoz (University of Louisiana, Lafayette)

#### #136 Symposium

5:00 pm–5:50 pm  
Marriott Marquis, Marina Ballroom F  
OBM/CSS; Service Delivery  
BACB CE Offered. CE Instructor: John O'Neill, Ph.D.

**Police Academy Training and Applied Behavior Analysis**

Chair and discussant: John O'Neill (Contextual Behavioral Science Institute)

**Police Academy Training: The Effect of Performance Feedback**

JOHN O'NEILL (Contextual Behavioral Science Institute); Dawn O'Neill (Force Science Institute); Katelyn Weed (Minnesota State University Mankato); and Emily Novak, William Spence, and William Lewinski (Force Science Institute)

**Police Academy Training: The Effect of Video Modeling**

DAWN O'NEILL (Force Science Institute); John O'Neill (Contextual Behavioral Science Institute); and Katelyn Weed, Emily Novak, William Spence, and William Lewinski (Force Science Institute)

#### #137 Symposium

5:00 pm–5:50 pm  
Manchester Grand Hyatt, Seaport Ballroom B  
PRA/AUT; Service Delivery  
BACB CE Offered. CE Instructor: Kristen Brogan, M.S.

**Further Refinements in Defining and Teaching Compliant Behavior**

Chair: Kristen Brogan (Auburn University)

**Increasing Quiet Compliance by Detained Male Adolescents**

KRISTEN BROGAN, John T. Rapp, Amanda Niedfeld, Jodi Coon, Jan Everhart Newman, and Barry Burkhart (Auburn University)

**Further Evaluation of Positive Versus Negative Reinforcement to Treat Problem Behavior Maintained by Escape**

JAMES BEVACQUA (Nemours Children's Hospital) and David A. Wilder, Ansley Catherine Hodges, Nga Luong, and Hallie Marie Ertel (Florida Institute of Technology)

**An Evaluation of Impact of Time- and Product-Based Work Requirements on Instructional Performance**  
MAGGIE ANN MOLONY and Joel Eric Ringdahl (University of Georgia), Terry S. Falcomata (The University of Texas at Austin), Meara McMahon (University of Georgia), and Scott P. Ardoyn (UGA Center for Autism and Behavioral Education Research)

#### #138 Symposium

5:00 pm–5:50 pm  
Manchester Grand Hyatt, Harbor Ballroom G  
PRA/DDA; Service Delivery

**Applications of Contextual Behavioral Approaches to Alter the Avoidance-Occasioning Function of Child Problem Behavior**

Chair: Louis P. Hagopian (Kennedy Krieger Institute; Johns Hopkins University School of Medicine)  
Discussant: Evelyn R. Gould (FirstSteps for Kids, Inc.)

**Translating and Applying Mindfulness/Acceptance and Commitment Therapy for Caregivers of Individuals With Problem Behavior**

JONATHAN DEAN SCHMIDT (Kennedy Krieger Institute; Johns Hopkins University School of Medicine), Craig Strohmeier and Louis P. Hagopian (Kennedy Krieger Institute), and Mauro Leoni and Giovanni Miselli (Fondazione Istituto Ospedaliero di Sospiro Onlus)

**A Contextual Behavioral Strategy for Enhancing Caregiver Adherence with Implementing Extinction**  
CRAIG STROHMEIER (Kennedy Krieger Institute); Jonathan Dean Schmidt, Louis P. Hagopian, and Christopher M. Furlow (Kennedy Krieger Institute; Johns Hopkins University School of Medicine); and Suni Schwandtner (Kennedy Krieger Institute)

#### #139 Panel Discussion

#### Supervision

5:00 pm–5:50 pm  
Manchester Grand Hyatt, Seaport Ballroom C  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: Claudia Marie Marzella, M.S.

**A Behavior Analyst Guide to Self-Care**

Chair: Claudia Marie Marzella (The Bedrock Clinic & Research Center, Inc.)

MELISSA ENGASSER (The Bedrock Clinic & Research Center, Inc.)

ANA ELISA ESCALANTE (BehaviorMe)

NICOLE J. POSTMA (Positive Behavior Supports Corp.)

#### #140 Invited Panel

5:00 pm–5:50 pm  
Marriott Marquis, San Diego Ballroom B  
SCI; Theory  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Matthew W. Johnson, Ph.D.

**Behavioral Economics and Public Policy: A Panel With Discussion**

Chair: Matthew W. Johnson (Johns Hopkins University School of Medicine)

MIKHAIL KOFFARNUS (Virginia Tech Carilion Research Institute)

SUZANNE H. MITCHELL (Oregon Health & Science University)

BETHANY R. RAIFF (Rowan University)



Mikhail Koffarnus received his Ph.D. from the University of Michigan and completed a postdoctoral fellowship at Johns Hopkins University School of Medicine. He is currently a Research Assistant Professor at the Virginia Tech Carilion Research Institute. Dr. Koffarnus' research focuses on understanding drug abuse and developing drug abuse treatments from a behavioral economic perspective. Decision-making processes are often disrupted in drug users, leading to a systematic preference for immediately available rewards like drugs over delayed rewards like improved health or gainful employment. His active areas of research aim to understand and counteract this pattern, and include the use of technology to facilitate contingency management interventions, the neural correlates of risky and impulsive decision making, and the abuse liability of cigarettes and other nicotine products. Additionally, he has served on the editorial boards of the *Journal of the Experimental Analysis of Behavior* and *Experimental and Clinical Psychopharmacology*.



Suzanne H. Mitchell, Ph.D., is a professor at Oregon Health & Science University (OHSU) in the Department of Behavioral Neuroscience, with secondary appointments in Psychiatry and in the Oregon Institute for Occupational Health Science. She obtained her B.Sc. and M.Sc. degrees at the University of Hull, England and her Ph.D. at SUNY-Stony Brook, USA. Her dissertation focused on the economics of foraging behavior of rats, examining the role of the energetic costs and benefits in feeding. Her committee was chaired by Howard Rachlin, whose influence made her sensitive to the role of temporal costs as well as energetic costs in determining the value of food rewards. During a post-doctoral fellowship at the University of Chicago, Dr. Mitchell worked with Harriet de Wit, Ph.D. using behavioral economics as an explanation for use of alcohol, nicotine/cigarettes, and amphetamine in humans. During that time she also began collaborating with Jerry



Richards, Ph.D. on delay discounting studies with rats. Following her postdoctoral work, Dr. Mitchell was an assistant professor at the University of New Hampshire, where she continued to explore recreational drug use using behavioral economic models. She moved her lab to OHSU in 2001 from the University of New Hampshire to devote more time to research, particularly looking into why drug users tend to be more impulsive than non-drug users using human and animal models. Most recently she has returned to her earlier interests in energetic costs and her research has increased its scope to include effort-related decision-making in clinical populations. She has received funding from various NIH institutes (NHLBI, NIAAA, NIDA and NIH), has served on several study sections as a member and as an ad hoc participant, and has received awards for education and mentoring.



Dr. Raiff graduated from the University of Florida in 2008 with her Ph.D. in Psychology, with an emphasis in Behavioral Pharmacology. She worked as a principal investigator for four years at the National Development and Research Institutes, Inc. before moving to the Department of Psychology at Rowan University, where she is now an Associate Professor. Dr. Raiff's primary research interests include developing and evaluating the integration of technological innovations with behavioral economic interventions for promoting healthy behavior. Dr. Raiff is currently developing two video games which use a contingency management intervention with nonmonetary incentives to encourage people to quit smoking. In addition to her work on smoking cessation, Dr. Raiff has also evaluated technology-delivered behavioral interventions for improving diabetes management and physical activity. Dr. Raiff was the 2015 recipient of the B. F. Skinner New Researcher Award for Applied Research, from Division 25 of the American Psychological Association. She holds a vested interest in developing cost-effective, scalable, and sustainable treatments, using the principles of behavioral economics, to address many of society's unhealthy behaviors.

**Abstract:** This session is coupled with, and immediately follows, a SQAB tutorial on Behavioral Economics and Public Policy presented by Dr. Steven Hursh. Panelists will be asked to speak briefly about their research program and to bring questions designed to foster discussion with audience members. The goal is to generate ideas and collaborative efforts among basic, translational, and applied scientists. The tutorial and panel discussion has arisen because the Society for the Quantitative Analysis of Behavior (SQAB), an organization that emphasizes fundamental sciences related to behavior analysis, meets immediately before ABAI. The tandem meetings of these two organizations present opportunities for attendees to hear about core sciences related to behavior analysis. The SQAB tutorials have provided an excellent spur for such discussions but we (SQAB and ABAI's Science Board) wish to take this a step further. This panel discussion, which represents a partnership between SQAB and ABAI, will create a setting in which basic and applied scientists, as well as practitioners, can meet to discuss applications of the topics raised in a SQAB tutorial.

#### #141 Panel Discussion

#### Student Committee Event

5:00 pm–5:50 pm  
Manchester Grand Hyatt, Harbor Ballroom D-F  
TBA; Theory  
BACB CE Offered. CE Instructor: Ruth Anne Rehfeldt, Ph.D.

#### An Introduction to Peer Review: Insights From the ABAI Journal Editors

Chair: Ruth Anne Rehfeldt (Southern Illinois University)

JONATHAN J. TARBOX (University of Southern California; FirstSteps for Kids)  
MITCH FRYLING (California State University, Los Angeles)  
MARK R. DIXON (Southern Illinois University)

#### #142 Symposium

5:00 pm–5:50 pm  
Manchester Grand Hyatt, Harbor Ballroom C  
TBA/PRA; Service Delivery

#### The Natural Sciences of Biology, Neuroscience, Chemistry, Physics, and Mathematics Are Fundamental for Current and Especially Future Day-To-Day Clinical Practice of Applied Behavior Analysis

Chair: Rodney D. Clark (Allegheny College)

##### Conditioning the Immune System: ABA Methodologies Applied to Curing Cancer and Treating Addiction

RODNEY D. CLARK (Allegheny College)

##### Concepts From the Natural Sciences (Biology, Neuroscience, Chemistry, Physics, and Mathematics) Used by ABA Clinicians Currently and in the Imminent Future

RICHARD COOK (The Pennsylvania State University)

##### Neuroscience, Neuroimaging, Neuroimmunologic Tools, Technologies, and Methodologies of Current and (Near) Future Use by ABA Clinicians

JENNY LEANN PAGAN (Positive Behavior Supports Corp.), Richard Cook (The Pennsylvania State University), and Rodney D. Clark (Allegheny College)

#### #143 Symposium

5:00 pm–5:50 pm  
Manchester Grand Hyatt, Grand Hall B  
VRB; Applied Research  
BACB CE Offered. CE Instructor: Derek Jacob Shanman, Ph.D.

#### Verbal Behavior Interventions to Establish Abstraction of Rule-Governed Algorithms in Teaching Number, Language, and Problem-Solving Skills

Chair: Crystal Lo (Verbal Behavior Associates)

##### Following the Rules: The Effects of a Rule Governed Correction Procedure on Acquisition of Untaught Number Names

DEREK JACOB SHANMAN (Nicholls State University) and Katie Jenkins (Nicholls State University; Behavioral Intervention Group)

##### The Effects of Multiple Exemplar Instruction Across Autoclitic Frames on the Emission of Functional Autoclitic Tacts

DEREK JACOB SHANMAN (Nicholls State University) and Crystal Lo (Verbal Behavior Associates)

##### Teaching Children With Autism Problem Solving Skills: A Training Package

LYNN YUAN (Verbal Behavior Associates)

#### #144 Special Event

Recorded

6:00 pm–6:50 pm  
Marriott Marquis, Grand Ballroom 7-13  
OTH  
PSY/BACB CE Offered. CE Instructor: Michael J. Dougher, Ph.D.

#### Presidential Scholar Address: Evolution and Contextual Behavioral Science: An Integrated Framework for Understanding, Predicting, and Influencing Human Behavior (Service Delivery)

Chair: Michael J. Dougher (University of New Mexico)

DAVID SLOAN WILSON (Binghamton University)



David Sloan Wilson is a SUNY distinguished professor of biology and anthropology at Binghamton University and President of the Evolution Institute, a nonprofit organization that formulates public policy from an evolutionary perspective. He has made foundational contributions to evolutionary theory and is widely credited for helping to revive Multilevel Selection Theory, which explains how adaptations can evolve (or fail to evolve) at any level of a multi-tier hierarchy of biological or human social units. He has also been influential in expanding the study of evolution beyond the biological sciences to include all aspects of humanity, both inside and outside the Ivory Tower. His books include *Darwin's Cathedral: Evolution, Religion, and the Nature of Society* (2002), *Evolution for Everyone: How Darwin's Theory Can Change the Way We Think About Our Lives* (2007), *The Neighborhood Project: Using Evolution to Improve my City, One Block at a Time* (2011), and *Does Altruism Exist? Culture, Genes, and the Welfare of Others* (2015). His next book, titled *This View of Life: Completing the Darwinian Revolution and Evolving the Future*, will be published in 2019.

**Abstract:** The study of evolution in relation to human affairs lags behind the study of evolution in biology by about a century. During this period, the many basic and applied human-related disciplines developed into sophisticated bodies of knowledge that were poorly integrated with each other or with evolutionary theory. That is now rapidly changing. I will provide a broad overview of the integration in progress and how it can lead to positive intentional change at all scales, from individuals to the planet.

#### #145 Business Meeting

7:00 pm–7:50 pm  
Marriott Marquis, Marina Ballroom F

#### Education and Treatment of Children Editorial Board Meeting

Chair: Stephanie M. Peterson (Western Michigan University)

This is an open business meeting for the journal, *Education and Treatment of Children*. All editorial board members are invited to learn about the past year's submissions and future goals of the journal. Also invited are those interested in publishing in or reviewing for the journal

#### #146 Business Meeting

7:00 pm–7:50 pm  
Manchester Grand Hyatt, Coronado Ballroom AB

#### Business Meeting of the New York State Association for Behavior Analysis (NYSABA)

Chair: Dana R. Reinecke (Long Island University Post; NYSABA)

The NYSABA business meeting is held so that representatives of the NYSABA Board can update attendees on the activities of NYSABA over the past year, as well as on goals and activities for the future. Topics discussed include committee reports, legislative issues, NYSABA activities at the ABAI conference, NYSABA activities throughout the state, ongoing CEU opportunities, and other topics affecting behavior analysts in the state of New York. Audience questions will be encouraged.

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#### #147 Business Meeting

7:00 pm–7:50 pm  
Manchester Grand Hyatt, Seaport Ballroom F

#### The Missing Operant: A Strategic Plan for Reintegrating Behavior Analysis Principles

Chair: Susan M. Schneider (Root Solutions)

Despite years of dissemination effort on our part, a National Medal of Science for Skinner, and impressive generality, replication, and application, operant and Pavlovian learning principles still frequently get ignored in mainstream psychology, minimized or misrepresented in texts, and only spottily incorporated into relevant related disciplines. Meanwhile, we're losing basic positions at research universities. The goal of this meeting will be to start creating a strategic plan for the integration/reintegration of basic operant principles into mainstream psychology and underrepresented interdisciplinary areas - taking advantage of high-profile supporters in those areas, among other methods. Let's assess where we are now (good news as well as bad), where we want to end up, and how we might realistically overcome the many barriers to getting there. Andy Lattal and Ray Pitts will serve as co-chairs.

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#### #148 Business Meeting

7:00 pm–7:50 pm  
Manchester Grand Hyatt, Seaport Ballroom A

#### Nevada Association for Behavior Analysis

Chair: Ashley Eden Greenwald (University of Nevada, Reno)

We welcome current and new members to attend the Nevada Association for Behavior Analysis business meeting. Business items will be reviewed along with updates on our chapter's events. This meeting is open to all current members of the Nevada Association for Behavior Analysis and to those who are interested in joining!

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#### #149 Business Meeting

7:00 pm–7:50 pm  
Marriott Marquis, Marina Ballroom E

#### Behaviorists for Social Responsibility

Chair: Molli Luke (Behavior Analyst Certification Board)

Behaviorists for Social Responsibility (BFRS) is the oldest SIG in ABAI. BFRS members engage in theoretical, conceptual, and empirical analyses of significant social issues related sustainability, economic and social justice, violence, health and wellness, political systems, culture, among others. In the business meeting, the BFRS planners will report on our active projects, including (a) the Matrix Project which is oriented toward increasing preparation and opportunities for behavior analysts to engage in work related to major social and sustainability issues, (b) the journal Behavior and Social Issues, (c) international outreach, (d) expanded social media presence, (e) a sustainability initiative/research project under development, and (f), maintaining a visible presence at ABAI conventions with panels, symposia, and invited presenters. Discussion of opportunities for participation will follow these brief reports.

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#### #150 Business Meeting

7:00 pm–7:50 pm  
Manchester Grand Hyatt, Seaport Ballroom G

#### Behavior Analysis and Technology Special Interest Group

Chair: Cody Morris (Western Michigan University)

The Behavior Analysis and Technology (BAT) SIG was formed to advance the science of behavior through the development, dissemination, and application of technology in basic and applied settings. Technology can refer to developments in behavioral science, as well as developments in computer science, information technology, and related fields. The organization will also serve as an outlet for open-source hardware and software technologies relevant to behavioral research and application. The goals of the BAT SIG are: 1) to serve as a scientific and professional reference and networking group for its members, 2) to disseminate information to inform its membership and promote its mission to a wider audience, and 3) to organize an annual meeting to provide a forum for discussion of the affairs of the SIG.

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#### #151 Business Meeting

7:00 pm–7:50 pm  
Manchester Grand Hyatt, Regatta ABC

#### Hawai'i Association for Behavior Analysis

Chair: Kathleen Penland (Hawai'i Association for Behavior Analysis)

Join the Hawai'i Association for Behavior Analysis as we discuss dissemination of ABA and legislative endeavors in the aloha state.

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#### #152 Business Meeting

7:00 pm–7:50 pm  
Marriott Marquis, Presidio 1-2

#### Behavior Analysis in the Arts

Chair: Abigail B. Calkin (Calkin Consulting Center)

Behavior Analysis in the Arts (BAARTs) is about the relationship between behavior analysis and the arts, where "arts" is used in the broad sense to represent all the arts. The BAARTs SIG group has a twofold purpose: 1) the ways in which behavior analysis influences the arts; and 2) to acknowledge ABAI members who are independent artists in their own right.

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#### #153 Business Meeting

7:00 pm–7:50 pm  
Marriott Marquis, Marina Ballroom D

#### ABAI Crime and Delinquency Special Interest Group

Chair: Esther Bubb-McKinnie (St. Joseph's University; Eastern University; Elwyn)

The SIG's Mission is to ensure that those in the criminal justice field have access to information on evidence-based practices and resources for reducing crime and delinquency. The business meeting will provide an opportunity for attendees and those interested in forensics, crime, and delinquency to network. The business meeting will include discussions on expanding events and activities in the upcoming year. We will explore ways in which the SIG can support individuals and groups within local communities and professional networks. Discussions will include methods for collaborating on future research and other initiatives, updates and current events, dissemination of SIG information, and strategies for meeting the needs of current and future members.

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#### #154 Business Meeting

7:00 pm–7:50 pm  
Manchester Grand Hyatt, Harbor Ballroom D

#### Journal of Behavioral Education

Chair: Jennifer J. McComas (University of Minnesota)

Business meeting to discuss editorial process and submissions to the journal. Open to Associate Editors, editorial board members, and those interested in reviewing or submitting manuscripts to JOBE.

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#### #155 Business Meeting

7:00 pm–7:50 pm  
Marriott Marquis, San Diego Ballroom A

#### BHCOE Accreditation: Introduction and Application

Chair: Christine L. Ratcliff (Behavioral Health Center of Excellence)

This meeting will cover important components of the Behavioral Health Center of Excellence (BHCOE) accreditation, including information on how to achieve accreditation, eligibility requirements, approved provider structures, evaluation process, and applying for evaluation. The presentation will also offer information regarding the BHCOE's growth, development, and future directions. This meeting is intended for business owners or clinical directors who want basic information on the BHCOE accreditation process, are planning to become accredited, or are current BHCOE accredited organizations who would like an update on the BHCOE activities.

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#### #156 Business Meeting

7:00 pm–7:50 pm  
Manchester Grand Hyatt, Hilcrest A

#### History of Behavior Analysis Special Interest Group

Chair: Edward K. Morris (The University of Kansas)

The purpose of the HoBA SIG Business Meeting is to review the SIGs vision (i.e., to advance and expand behavior analysis through its history and historiography) and mission (i.e. to cultivate and nurture, enrich and improve, and communicate and disseminate the fields history), but primarily to develop strategic initiatives. At this years meeting, we will discuss our initiatives in the areas of (a) teaching HoBA (e.g., developing a repository of course syllabi for HoBA instructors); (b) archiving the HoBA (e.g., the status of HoBA archives at the Cummings Center for the History of Psychology in Akron, OH; creating a list of HoBA archives); (c) appointing historians (e.g., in ABAI SIG and affiliate chapters); (d) preparing bibliographies of published materials (e.g., articles) and electronic resources (e.g., videos); (e) expanding the SIG's website (historyofbehavioranalysis.org) (e.g., as a repository for materials and links to other websites); and (f) enhancing the SIG's ABA Expo Poster (e.g., posting pictures of unidentified behavior analysts). ABAI members interested in the SIG's vision and mission and working on the foregoing initiatives and planning new ones are invited to attend.

#### #157 Business Meeting

7:00 pm–7:50 pm  
Marriott Marquis, Rancho Santa Fe 1-3

#### Positive Behavior Support Special Interest Group

Chair: Rose Iovannone (University of South Florida; Florida Center for Inclusive Communities)

Positive behavior support (PBS), a systems approach, uses behavioral principles to redesign environmental contexts that enhance quality of life while decreasing problem behavior and increasing socially valid replacement behaviors. Behavior analysts involved in PBS operate within various levels from providing direct supports to individuals to applying principles of adult behavior change to broad systems (e.g., organizations, schools). The PBS Special Interest Group provides a forum for behavior analysts to discuss issues relevant to the profession. All interested parties are encouraged to attend.

#### #158 Business Meeting

7:00 pm–7:50 pm  
Manchester Grand Hyatt, Seaport Ballroom B

#### Applied Animal Behavior Special Interest Group

Chair: Kathryn L. Kalafut (Antioch College)

The mission of the Applied Animal Behavior SIG is to promote applied animal behavior analytic research, set high standards in methods and techniques of animal training, support those in the applied animal behavior field, and promote the well-being of animals in applied settings wherever they are found. Please join us to learn more about and contribute to this growing field.

#### #159 Business Meeting

7:00 pm–7:50 pm  
Manchester Grand Hyatt, Coronado Ballroom DE

#### Illinois Association for Behavior Analysis (ILABA) Business Meeting

Chair: Jennifer Klapatch Totsch (Illinois Association for Behavior Analysis; National Louis University)

The Illinois Association for Behavior Analysis (ILABA) is an associate chapter of Applied Behavior Analysis International (ABAI). The chapter was established in order to provide a forum for behavior analysts in the state of Illinois to stay up to date on legislative issues as they apply to our field as well as to offer continuing education and advocacy for ABA practitioners throughout our state. ILABA is a Behavior Analysis Certification Board (BACB) Authorized Continuing Education (ACE) provider. The organization offers a membership and agency directory, annual conference, job board, representation on practitioner and academic committees, and additional resources to all members. All are welcome to attend the business meeting at ABAI to learn more about the organization and receive updates on the chapter's recent activities and goals.

#### #160 Business Meeting

7:00 pm–7:50 pm  
Manchester Grand Hyatt, Seaport Ballroom H

#### Behavioral Medicine SIG of ABAI Business Meeting

Chair: Gretchen A. Ditttrich (Simmons College)

The Behavioral Medicine SIG of ABAI focuses on the application of behavior analytic methodology to the prevention and treatment of behaviors associated with chronic illness and disease, and the promotion of behaviors associated with improved health and treatment adherence. The role of behavior analysis is important in the field of behavioral medicine. It is the mission of the SIG to encourage interdisciplinary research in the areas of behavioral health promotion, emphasizing the need for function-based and empirically validated treatments for chronic health disorders. The Behavioral Medicine SIG offers students, researchers, practitioners, and consumers opportunities to discuss issues related to public

health promotion and disease prevention. All are welcome to join the Behavioral Medicine SIG. We hope that the SIG will help consumers and practitioners better understand the role of behavior analysis in the field of behavioral medicine, and provide an outlet for discussions of current and developing research within the field. The annual business meeting is open to all conference attendees interested in behavioral health and medicine. The meeting will be conducted to discuss various administrative matters relevant to the Behavioral Medicine SIG. In addition, during the business meeting, the Behavioral Medicine Student Research Award winner will present their research and receive their award.

#### #161 Business Meeting

7:00 pm–7:50 pm  
Marriott Marquis, Torrey Pines 1-3

#### Association for Science in Autism Treatment

Chair: David A. Celiberti (Association for Science in Autism Treatment)

A business meeting will be held to provide a forum for networking, to outline the Association for Science and Autism Treatment (ASAT)'s current goals and objectives, and to discuss collaboration opportunities between ASAT and ABAI members. All interested individuals are encouraged to attend this meeting. As there is not a shared commitment to empirical validation, research, and data-based decision making amongst provider, ASAT strives to be an important resource for individuals with autism, family members, professionals, and paraprofessionals interested in reliable, science-based and accurate information about autism and its treatments. Founded in 1998, the mission of the ASAT is to promote safe, effective, science-based treatments for individuals with autism by disseminating accurate, timely, and scientifically-sound information; advocating for the use of scientific methods to guide treatment; and, combating unsubstantiated, inaccurate and false information about autism and its treatment. For more information please visit ASAT's website at [www.asatonline.org](http://www.asatonline.org). To receive Science in Autism Treatment, ASAT's free quarterly newsletter, subscribe at [www.asatonline.org/signup](http://www.asatonline.org/signup)

#### #162 Business Meeting

7:00 pm–7:50 pm  
Manchester Grand Hyatt, Harbor Ballroom A

#### Clinical Special Interest Group

Chair: Thomas J. Waltz (Eastern Michigan University)

This is the special interest group for those who have an interest in clinical applications of behavior analysis. Clinical behavior analysts work in both research and applied settings applying behavior analytic principles to the full range of behavioral and mental health problems licensed clinical psychologists treat. This is our annual meeting to discuss how to promote our work at ABAI and beyond. Members have the opportunity to network and discuss their areas of interest and work, training opportunities, research projects, conceptual struggles and developments, and plan activities for the next year. Everyone is welcome to attend and learn more about this exciting area of behavior analysis.

#### #163 Business Meeting

7:00 pm–7:50 pm  
Manchester Grand Hyatt, Hillcrest B

#### Behavioral Gerontology Special Interest Group

Chair: Claudia Drossel (Eastern Michigan University)

The Behavioral Gerontology SIG (<https://bgsig.wordpress.com/>) provides an open forum for students, practitioners, and researchers who have an interest in applying the science, practice, and philosophy of behavior analysis to problems encountered by adults in later life, typically referring to ages 65 and older. The goal is to promote the development, implementation, and evaluation of behavior analytic approaches to a wide variety of topics of high public health significance in this population, such as self-management for health promotion and disease prevention, and functional assessments of and interventions for behavioral changes commonly associated with neurocognitive disorders (e.g., due to Alzheimer's disease). The meeting will explore attendees' interests and needs and foster collaborations and the sharing of information, to encourage education, training, practice, and research. Further business items consist of the selection of officers, and feedback on student presentations in the area of behavioral gerontology to help determine the recipient of the annual Student Researcher Award.

#### #164 Business Meeting

7:00 pm–7:50 pm  
Manchester Grand Hyatt, Harbor Ballroom F

#### Sexual Behavior: Research and Practice Special Interest Group

Chair: Worner Leland (Upswing Advocates)

All individuals attending the ABAI convention who have an interest in sex research, sex education, and/or procedures used to change sex-related behaviors are invited to attend the Sexual Behavior: Research and Practice Special Interest Group's annual meeting. Items of business will include a discussion of current SIG activities occurring both at and outside the ABAI convention, the sharing of relevant research findings, and plans for the next year of SIG activities.

#### #165 Business Meeting

7:00 pm–7:50 pm  
Manchester Grand Hyatt, Seaport Ballroom C

**Ethics and Behavior Analysis Special Interest Group**  
Chair: Shawn P. Quigley (Melmark)

This meeting is for all individuals interested in the Ethics special interest group. The SIG leadership will update members on progress of SIG projects and seek input for further SIG activities. Everyone is welcome.

#### #166 Business Meeting

7:00 pm–7:50 pm  
Manchester Grand Hyatt, America's Cup A-D

**Behavioral Development Special Interest Group**  
Chair: Patrice Miller (Salem State University)

The SIG promotes behavior analytic empirical and conceptual analyses of issues related to behavioral development, and it encourages examination of how methodological and theoretical positions outside behavior analysis approach these issues empirically and conceptually. These kinds of analyses have often dealt with complex kinds of behavior such as stimulus equivalence, relational frames, language and problem solving, as well as normal and problematic behaviors in social interactions, as well as the historical bases of behaviorism and behavior analysis as basic science and applied practice. The business meeting will review activities during the past year and discuss plans for the next. All are welcome to attend.

#### #167 Business Meeting

7:00 pm–7:50 pm  
Marriott Marquis, San Diego Ballroom C

**Experimental Analysis of Human Behavior Special Interest Group**  
Chair: J. Adam Bennett (Western Michigan University)

This will be the business meeting for the Experimental Analysis of Human Behavior Special Interest Group (EAHB-SIG). The mission of the EAHB-SIG is to promote the experimental analysis of behavior with human subjects as a means of addressing important fundamental questions about human problems and human nature. In recent years, the energies of EAHB-SIG members have focused on three continuing projects: (1) The EAHB-SIG Distinguished Contributions Award: This award is designed to recognize substantive and sustained contributions to the EAHB literature. The award is presented at the annual convention. (2) The Student Paper Competition: The competition is designed to promote and recognize scholarly activity in the Experimental Analysis of Human Behavior. Students are encouraged to submit original research that has not been reviewed elsewhere. Participants receive high quality reviews from experts in their respective areas of research. (3) The Experimental Analysis of Human Behavior Bulletin: The SIG also maintains an online journal (ISSN 1938-7237) for the publication of empirical articles, technical reports, and other types of articles of interest to researchers engaged in the experimental analysis of human behavior.

#### #168 Business Meeting

7:00 pm–7:50 pm  
Manchester Grand Hyatt, Mission Beach A-C

**KYABA Business Meeting**  
Chair: Becky L. Nastally (Bloom Behavior Therapy)

This is the annual ABAI business meeting of the Kentucky Association for Behavior Analysis (KYABA). We welcome all interested behavior analysts from our region. We will discuss and solicit feedback on our efforts to promote behavior analysis in our commonwealth.

#### #169 Business Meeting

7:00 pm–7:50 pm  
Marriott Marquis, San Diego Ballroom B

**Speech Pathology and Applied Behavior Analysis Special Interest Group**  
Chair: Nikia Dower (Dower and Associates, Inc.)

The Speech Pathology and Applied Behavior Analysis (SPABA) Special Interest Group business meeting is open to anyone interested in promoting a behavioral approach to the analysis and treatment of speech and language disorders. Admission is free and membership in the SIG is not required in order to attend. The meeting will consist of member reports on SIG mission-related activities and invited presentations of professional interest to attendees. An abstract of the SPABA award winners' submissions for the Student Research Grant award and the Dissemination Award will be provided at this meeting as well as awards to the winners. The SPABA business meeting will also include information on SPABA's social/networking component to encourage interaction and discussion among SIG members, new members, and interested attendees. Please feel free to join us and bring your friends. To further support the Speech Pathology and Applied Behavior Analysis Special Interest Group, please consider formally joining and donating to the SIG by registering online at [www.behavioralspeech.com](http://www.behavioralspeech.com).

#### #170 Business Meeting

7:00 pm–7:50 pm  
Manchester Grand Hyatt, Harbor Ballroom C

**Neuroscience Special Interest Group**  
Chair: Suzanne H. Mitchell (Oregon Health & Science University)

Meeting to discuss outreach to increase membership from within ABAI, ideas for possible future symposia, and expanding website resources.

#### #171 Business Meeting

7:00 pm–8:20 pm  
Marriott Marquis, Marina Ballroom G

**The Journal of Organizational Behavior Management and the Organizational Behavior Management Network Business Meeting**  
Chair: Manuel A. Rodriguez (ABA Technologies, Inc.)

This is the annual meeting of the *Journal of Organizational Behavior Management* (JOBM) and the Organizational Behavior Management (OBM) Network. All are invited to attend and discuss topics related to organizational behavior management, the Network, and JOBM. Additionally, network officers and the JOBM editor will present data summarizing the status and development of the network and journal.

#### #172 ABAI Expo

8:00 pm–10:00 pm  
Marriott Marquis, Pacific Ballroom

**1. Capilano University Bachelor's of Applied Behavior Analysis-Autism** RICHARD STOCK and Brenda Fossett (Capilano University)

**2. Study Behaviour Analysis in Ireland: M.Sc./Ph.D. Applied Behaviour Analysis, National University of Ireland, Galway** HELENA LYDON and Jennifer Holloway (National University of Ireland Galway), Geraldine Leader (National University of Ireland), and Clodagh Mary Murray (National University of Ireland Galway)

**3. Verified Course Sequence at Reykjavik University** BERGLIND SVEINBJORNSDOTTIR (Reykjavik University) and Simon Dymond (Reykjavik University; Swansea University)

**4. Behaviour Analysis at the University of South Wales** JENNIFER L. AUSTIN, Ioannis Angelakis, Aimee Giles, Richard James May, and Aoife McTiernan (University of South Wales)

**5. Applied Behavior Analysis at Assumption College** KAREN M. LIONELLO-DENOLF (Assumption College)

**6. Behavior Analysis at Auburn University** SARAH M. RICHLING and John T. Rapp (Auburn University)

**7. Ball State University: Tomorrow's Practitioners and Leaders** SUSAN WILCZYNSKI, Shannon Titus Dieringer, and Kimberly Martell (Ball State University)

**9. Caldwell University's Ph.D. Program in Applied Behavior Analysis** SHARON A. REEVE, Ruth M. DeBar, Jason C. Vladescu, Tina Sidener, and Kenneth F. Reeve (Caldwell University)

**10. The Applied Behavior Analysis Program at California State University, Fresno** MARIANNE L. JACKSON, Sharlet D. Rafacz, Steven W. Payne, Criss Wilhite, and Jonpaul D. Moschella (California State University, Fresno)

**11. California State University, Northridge Master's of Science in Applied Behavior Analysis** (California State University, Northridge) ELLIE KAZEMI, Debra Berry Malmberg, Tara A. Fahmie, and Stephanie A. Hood (California State University, Northridge)

**13. Graduate Programs in Applied Behavior Analysis at Cambridge College** ROBERT F. LITTLETON JR. (Evergreen Center), Robert K. Ross (Beacon ABA Services), and Joseph M. Vedora (Evergreen Center)

**14. Applied Behavior Analysis at The Chicago School of Professional Psychology** SUSAN D. FLYNN, Robyn M. Catagnus, Annette Griffith, Julie A. Ackerlund Brandt, Dorothy Xuan Zhang, Yors A. Garcia, and Amanda Mahoney (The Chicago School of Professional Psychology)

**15. Applied Behavior Analysis at The Chicago School of Professional Psychology, Chicago Campus** ASHLEY WHITTINGTON-BARNISH, John W. Eshleman, Joshua Garner, Shannon Ormandy, Carole Ann Deitchman, and Ashley Anderson (The Chicago School of Professional Psychology) and Fawna Stockwell (Upswing Advocates; The Chicago School of Professional Psychology)

**16. The Chicago School of Professional Psychology, Southern California** LESLIE A. MORRISON, Jennifer L. Beers, L. Fernando Guerrero, David Pyles, Henry D. Schlinger, and Eric L. Carlson (The Chicago School of Professional Psychology, Southern California)

**17. Applied Behavior Analysis at The Chicago School of Professional Psychology, Washington DC Campus** ERIN E. WATKINS and Mary Caruso-Anderson (The Chicago School of Professional Psychology) and Barbara J. Kaminski (Green Box ABA, PLLC)

**18. Applied Behavior Analysis at Drake University** SACHA T. PENCE and Maria G. Valdovinos (Drake University)

**19. Ph.D. Special Education at Duquesne University: Expand Your Perspective, Maximize Your Impact in Special Education** EDWARD JUSTIN PAGE (Duquesne University)

**20. Clinical Health or Pediatric School Psychology Doctoral Program with Applied Behavior Analysis Specialization at East Carolina University** JEANNIE A. GOLDEN and Kelli Minton (East Carolina University)

**21. Graduate Training in Behavior Analysis at Eastern Michigan University** ALEXANDROS MARAGAKIS and Claudia Drossel (Eastern Michigan University)

**22. The Hunter College School of Education Master of Science in Applied Behavior Analysis** APRIL N. KISAMORE and Lauren K. Schnell (Hunter College)

**23. Behavior Analysis at Long Island University, Post** JOHN C. NEILL (Long Island University, Post)

**24. Marquette University: Masters and Doctoral Training in Behavior Analysis** JEFFREY H. TIGER and Tiffany Kodak (University of Wisconsin - Milwaukee) and Douglas Woods (Marquette University)

**25. University of Minnesota MA in Special Education With Emphasis in ABA** JENNIFER J. MCCOMAS (University of Minnesota)

**26. Northeastern University's Graduate Programs in Applied Behavior Analysis** LAURA L. DUDLEY and Nicole M. Davis (Northeastern University)

**27. Applied Behavior Analysis at Oregon Institute of Technology** MARIA LYNN KESSLER, Dawn Allison Bailey, and John Borgen (Oregon Institute of Technology)

**28. Pepperdine University Master's of Science in Behavioral Psychology** ADEL C. NAJDOWSKI (Pepperdine University)

**29. Applied Behavior Analysis Programs at The Pennsylvania State University University (Online and On Campus)** DAVID L. LEE and Erin M. Garthe (The Pennsylvania State University University)

**31. Master of Arts in Applied Behavior Analysis and Clinical Science at Rollins College** STEPHANIE L. KINCAID and Sarah Slocum Freeman (Rollins College)

**32. Behavior Analysis Training Programs at Rowan University** MICHELLE ENNIS SORETH, Mary Louise E. Kerwin, Bethany R. Raiff, Kimberly C. Kirby, Christina Simmons, and Victor Chin (Rowan University)

**33. Center for Applied Behavior Analysis at The Sage Colleges** SARAH RUSSELL (Sage Graduate School; ASPIRE LLC) and Benjamin C. Mauro (The Sage Colleges, Center for Applied Behavior Analysis)

**34. Savannah State University Behavior Analysis Program** SHERRY L. SERDIKOFF, Kimberly N. Frame, and Katherine Stewart (Savannah State University)

**35. Temple University Applied Behavior Analysis Graduate Training Programs** AMANDA GULD FISHER, Matthew Tincani, Donald A. Hantula, Saul Axelrod, and Philip N. Hine (Temple University)

**36. University of Massachusetts Lowell Master of Science in Autism Studies & Graduate Certificate Programs** REBECCA A. MARKOVITS, Rocio Rosales, Richard W. Serna, Doreen Arcus, Alice Frye, and Ashleigh Hillier (University of Massachusetts Lowell)

**37. Programs in Applied Behavior Analysis at the University of Michigan-Dearborn** KIM KILLU and Angela Capuano (University of Michigan-Dearborn)

**38. Science, Skinner, and Surf: Behavior Analysis at the University of North Carolina Wilmington** Cheyenne Daniel, Katelyn Hunt, Tiffany Kronenwetter, Caroline Mueller, Erika Winnie, and CHRISTINE E. HUGHES (University of North Carolina Wilmington)

**39. Applied Behavior Analysis Master's Program: University of the Pacific** HOLLY AYN WHITE, Matthew P. Normand, Corey S. Stocco, Mahshid Ghaemmaghami, and Carolyn S. Kohn (University of the Pacific)

**40. Master of Science in Applied Behavior Analysis Program at the University of Southern California** JONATHAN J. TARBOX (University of Southern California; FirstSteps for Kids)

**41. Behavior Analysis at the University of Texas at San Antonio** LESLIE NEELY, Katherine Cantrell, Kyra Hastings, and Brandi Skrobanek (The University of Texas at San Antonio)

**42. Free-Operant Field Experiences at the University of Texas at San Antonio** LEE L. MASON, Alonzo Alfredo Andrews, and Bryant C. Silbaugh (The University of Texas at San Antonio)

**43. The Program in Applied Behavior Analysis at the University of Utah (BCBA)** ROBERT E. O'NEILL (University of Utah)

**44. Applied Behavior Analysis Programs at the University of Washington** NANCY ROSENBERG, Ilene S. Schwartz, and Scott A. Spaulding (University of Washington)

**45. Master of Education in Applied Behavior Analysis at Utah Valley University** JANE I. CARLSON (Utah Valley University; Utah Behavior Services, Inc.) and Teresa Cardon and Jennifer Call (Utah Valley University)

**46. Industrial Organizational Behavior Management Graduate Programs at Western Michigan University** DOUGLAS A. JOHNSON, Alyce M. Dickinson, and Heather M. McGee (Western Michigan University)

**47. Behavior Analysis Program at California State University, Sacramento** MEGAN R. HEINICKE, Caio F. Miguel, and Becky Penrod (California State University, Sacramento)

**48. Bancroft/Rider Partnership** TRACY L. KETTERING (Bancroft; Rider University)

**#173 ABAI Expo**

8:00 pm–10:00 pm  
Marriott Marquis, Pacific Ballroom

**49. ABAI Accreditation Board** Michael Perone (West Virginia University) and JENNA LYNN MRLJAK (Association for Behavior Analysis International)

**50. Caldwell University's Master of Arts in Applied Behavior Analysis** JASON C. VLADESCU, Ruth M. DeBar, Tina Sidener, Sharon A. Reeve, and Kenneth F. Reeve (Caldwell University)

**51. California State University, Los Angeles - Applied Behavior Analysis Program** MICHELE D. WALLACE, Randy V. Campbell, and Mitch Fryling (California State University, Los Angeles)

**52. The Programs in Teaching as Applied Behavior Analysis at Columbia University Teachers College** R. DOUGLAS GREER (Columbia University Teachers College and Graduate School of Arts and Sciences), Daniel Mark Fienup (Columbia University), and Jessica Singer-Dudek (Columbia University Teachers College)

**53. Behavior Analysis at the Florida Institute of Technology** DAVID A. WILDER (Florida Institute of Technology), Jose A. Martinez-Diaz (Florida Institute of Technology and ABA Tech), Nicole Gravina, Ada C. Harvey, Katie Nicholson, Christopher A. Podlesnik, Nicholas Weatherly, and Elbert Blakely (Florida Institute of Technology)

**54. Master's Program at Jacksonville State University in Alabama** PAIGE M. MCKERCHAR, Makenzie Williams Bayles, Jennifer Lynne Bruzek, and Todd L. McKerchar (Jacksonville State University)

**55. ABAI Accredited Graduate Programs in Special Education at The Ohio State University** SHEILA R. ALBER-MORGAN, Nancy A. Neef, Moira Konrad, Ralph Gardner III, Helen I. Cannella-Malone, Matthew Brock, and Terri Hessler (The Ohio State University at Newark)

**56. The Behavior Analysis Program at Simmons College** RUSSELL W. MAGUIRE (Simmons College)

**57. Southern Illinois University Behavior Analysis & Therapy Program** JOSHUA K. PRITCHARD, Mark R. Dixon, and Ruth Anne Rehfeldt (Southern Illinois University); Ryan N. Redner (Southern Illinois University, Carbondale); and Erica Jowett Hirst, Jason M. Hirst, and Michael E. May (Southern Illinois University); and John Pingo (Goldie B. Floberg Center; Southern Illinois University)

**58. MS in Applied Behavior Analysis at St. Cloud State University** MICHELE R. TRAUB, Benjamin N. Witts, Kimberly A. Schulze, and Eric Rudrud (St. Cloud State University)

**59. University of Cincinnati ABAI Accredited School Psychology Programs** Renee Hawkins, Tai Collins, and JAYNE MEREDITH MURPHY (University of Cincinnati)

**60. University of Kansas Department of Applied Behavioral Science** EDWARD K. MORRIS, Florence D. DiGennaro Reed, Vincent Thomas Francisco, David P. Jarmolowicz, Pamela L. Neidert, Jomella Watson-Thompson, Thomas L. Zane, and Jan B. Sheldon (The University of Kansas)

- 61. Graduate Training in Behavior Analysis at University of Houston, Clear Lake** TAYLOR CUSTER, Sarah Williams, Yuhui Michelle Wang, Jennifer N. Fritz, Sarah A. Lechago, and Dorothea C. Lerman (University of Houston-Clear Lake)
- 63. University of Maryland, Baltimore County Applied Behavior Analysis M.A. Track** JOLENE R. SY and John C. Borrero (University of Maryland, Baltimore County) and Carrie S. W. Borrero and Nicole Lynn Hausman (Kennedy Krieger Institute)
- 64. University of Nebraska Medical Center's Munroe-Meyer Institute: Doctoral Training in Applied Behavior Analysis** CHRISTY WILLIAMS, Wayne W. Fisher, Cathleen C. Piazza, Nicole M. Rodriguez, Keith D. Allen, and Kevin C. Luczynski (Munroe-Meyer Institute, University of Nebraska Medical Center)
- 65. Behavior Analysis Program at the University of Nevada, Reno** RAMONA HOUMANFAR, Patrick M. Ghezzi, Linda J. Parrott Hayes, Steven C. Hayes, Matt Locey, and W. Larry Williams (University of Nevada, Reno)
- 66. University of Nevada, Reno Satellite Programs in Behavior Analysis** LINDA J. PARROTT HAYES, Christina M. Peters, and Jamiika Thomas (University of Nevada, Reno)
- 67. University of North Texas: Graduate Program in Behavior Analysis** JESUS ROSALES-RUIZ, Shahla Alai-Rosales, April M. Becker, Traci M. Cihon, Daniele Ortu, Richard G. Smith, and Karen A. Toussaint (University of North Texas)
- 69. Applied Behavior Analysis Graduate Programs at the University of South Florida** RAYMOND G. MILTENBERGER (University of South Florida)
- 70. Behavior Analysis Ph.D. Program at West Virginia University** Karen G. Anderson, Kathryn M. Kestner, Kennon Andy Lattal, Michael Perone, CLAIRE C. ST. PETER, Daniel Bell-Garrison, and Claudia C Diaz-Salvat (West Virginia University)
- 71. Western Michigan University: MA and Ph.D. Programs in Behavior Analysis** STEPHANIE M. PETERSON, Richard Wayne Fuqua, Jessica E. Frieder, Cynthia J. Pietras, and Ron Van Houten (Western Michigan University)
- 
- #174 ABAI Expo**  
8:00 pm–10:00 pm  
Marriott Marquis, Pacific Ballroom
- 72. Applied Animal Behavior Special Interest Group** LINDSAY RENEE MEHRKAM (Monmouth University)
- 73. Autism Special Interest Group** JUSTIN B. LEAF (Autism Partnership Foundation)
- 74. Behavior Analysis for Sustainable Societies Special Interest Group** JULIA H. FIEBIG (Ball State University; ABA Global Initiatives LLC)
- 75. Behavior Analysis and Technology Special Interest Group** CODY MORRIS (Western Michigan University), Vahe Esmaeili (California State University, Northridge), Denice Rios (Western Michigan University), Lisa M Stedman-Falls (University of Florida), and Victor Ramirez (California State University, Northridge)
- 76. Behaviorists for Social Responsibility** RICHARD F. RAKOS (Cleveland State University), Traci M. Cihon, Kendra Combs (Great Lakes Center for Autism Treatment and Research), Molli Luke (Behavior Analyst Certification Board), Mark A. Mattaini (Jane Addams College of Social Work-University of Illinois at Chicago), and Jomella Watson-Thompson (The University of Kansas)
- 77. Clinical Special Interest Group** THOMAS J. WALTZ (Eastern Michigan University) and Emily Thomas Johnson (Behavior Attention and Developmental Disabilities Consultants, LLC)
- 78. ABAI Crime and Delinquency Special Interest Group** ESTHER BUBB-MCKINNIE (St. Joseph's University; Eastern University; Elwyn), Timothy Templin (HABA), and Yvette Marie Claudio (Elwyn)
- 79. Behavioral Development Special Interest Group** PATRICE MILLER (Salem State University)
- 80. Dissemination of Behavior Analysis Special Interest Group** MELISSA ENGASSER (The Bedrock Clinic & Research Center, Inc.) and Ana Elisa Escalante (BehaviorMe)
- 81. Experimental Analysis of Human Behavior Special Interest Group** J. ADAM BENNETT (Western Michigan University), Kathryn M. Kestner (West Virginia University), Yusuke Hayashi (The Pennsylvania State University Hazleton), and Manish Vaidya (University of North Texas)
- 82. Gambling Special Interest Group** MACK S. COSTELLO (Rider University) and Seth W. Whiting (Central Michigan University)
- 83. Behavioral Gerontology Special Interest Group** SAMANTHA JO ZOHR (Student at Eastern Michigan

- University), Claudia Drossel (Eastern Michigan University), Allison A. Item (Spectrum Health Medical Group), Christopher Walmsley (Humboldt State University), and Hanna Steinunn Steingrimsdottir (Oslo and Akershus University College)
- 84. History of Behavior Analysis Special Interest Group** KAREN R. WAGNER (Behavior Services of Brevard, Inc.; TheBehaviorAnalyst.com), Edward K. Morris (The University of Kansas), and Todd L. McKerchar (Jacksonville State University)
- 85. ABAI Health, Sports, and Fitness SIG** GABRIELLE TRAPENBERG TORRES (Behavior Basics LLC)
- 86. Behavioral Medicine SIG of ABAI** GRETCHEN A. DITTRICH (Simmons College)
- 87. The Military and Veteran Issues Special Interest Group** BEHAVIOR ANALYSIS IN MILITARY AND VETERANS' (Behavior Analysis in Military and Veteran Issues)
- 88. Neuroscience SIG: The Wizard Behind the Behavioral Curtain** SUZANNE H. MITCHELL (Oregon Health & Science University)
- 89. Organizational Behavior Management Network** MANUEL RODRIGUEZ (ABA Technologies, Inc.)
- 90. Positive Behavior Support Special Interest Group** ROSE IOVANNONE (University of South Florida; Florida Center for Inclusive Communities), Robert F. Putnam (May Institute)
- 91. Practitioner Issues in Behavior Analysis SIG** MICHAEL WEINBERG (Amego, Inc)
- 92. Rehabilitation and Independent Living Special Interest Group** CHRIS PERSEL (Centre for Neuro Skills)
- 93. Sexual Behavior: Research and Practice Special Interest Group** WORNER LELAND (Upswing Advocates), Barbara Gross (Empowered: A Center for Sexuality), Janani Vaidya (independent), and Shane Spiker (Positive Behavior Supports, Corp)
- 94. The Speech Pathology and Applied Behavior Analysis Special Interest Group** NIKIA DOWER (Dower and Associates, Inc.), Tracie L. Lindblad (Monarch House), Lina M. Slim-Topdjian (ASAP-A Step Ahead Program, LLC), Barbara E. Esch (Esch Behavior Consultants, LLC), Heather Forbes (Pennsylvania Training and Technical Assistance Network - Autism Initiative), Amber Valentino (Trumpet Behavioral Health), Deirdre M. Muldoon (The College of Saint Rose), and Landa L. Mark (Positive Connections)
- 95. Standard Celeration Society** KENT JOHNSON (Morningside Academy)
- 96. Teaching Behavior Analysis Special Interest Group** KIRA AUSTIN (Dominion ABA)
- 97. Verbal Behavior Special Interest Group** APRIL N. KISAMORE (Hunter College), Tina Sidener and Jason C. Vladescu (Caldwell University), M. Alice Shillingsburg (May Institute), Rocio Rosales (University of Massachusetts Lowell), Amber Valentino (Trumpet Behavioral Health), Amanda P. Laprime (Center for Children with Special Needs & Northeastern University), Judah B. Axe (Simmons College), and Catia Cividini-Motta (University of South Florida)
- 
- #175 ABAI Expo**  
8:00 pm–10:00 pm  
Marriott Marquis, Pacific Ballroom
- 98. British Columbia Association for Behaviour Analysis** SARAH J. PASTRANA (University of British Columbia)
- 99. Manitoba Association for Behaviour Analysis** MORENA MILJKOVIC and Karli Pedreira (University of Manitoba)
- 100. Ontario Association for Behaviour Analysis** KENDRA THOMSON and Jennifer Alice Cunningham (Ontario Association for Behaviour Analysis)
- 101. The Québec Association for Behaviour Analysis** MALENA ARGUMEDES (University of Sherbrooke)
- 102. The Icelandic Association for Behavior Analysis** ZUILMA GABRIELA GABRIELA SIGURDARDOTTIR (University of Iceland), Kristján Guðmundsson and Berglind Sveinbjörnsdóttir (Reykjavik University), Asa Ingimarsdóttir (Klettaskóli), Holmfríður Ósk Arnalds (The Diagnostic and Counselling Center of Iceland), and Kristín Arnaldsdóttir (Breiðholt Center Municipal Service Center)
- 103. Division of Behavior Analysis in Ireland; Past, Present, and Future Directions** JENNIFER HOLLOWAY (National University of Ireland Galway), Julian C. Leslie (Ulster University), Helena Lydon (National University of Ireland Galway), and Maeve Bracken (Trinity College Dublin)
- 104. Norwegian ABA** Monica Vandbakk (Norwegian Association for Behavior Analysis; Oslo and Akershus University College), Jon Arne Løkke (Østfold University College), and ERIK ARNTZEN (Oslo and Akershus University College)



- 105. Swedish Association for Behavior Analysis** ULRICA LANGH (Habilitation & Health, Stockholm County Council) and Dag Stromberg (Autism Center for Young Children, Stockholm County Council)
- 106. The Israeli Applied Behavior Analysis Chapter** MICHAL HIRSCHMANN (Kibbutzim College), Einav Cohen and Judy Rosenzweig (Israeli Applied Behavior Analysis Chapter) and Shay Menashe Shir, Keren Englander, and Racheli Mazor (Kibbutzim College)
- 108. Mexican Society for Behavior Analysis and the *Mexican Journal of Behavior Analysis*** ROGELIO ESCOBAR, Rodrigo Benavides, and Katya Quiñones (Universidad Nacional Autónoma de México)
- 109. Alabama Association for Behavior Analysis** PAIGE M. MCKERCHAR (Jacksonville State University)
- 110. California Association for Behavior Analysis** JENNIFER L. HARRIS (FirstSteps for Kids, Inc.; University of Southern California; California Association for Behavior Analysis) and Matt McAlear (California Association for Behavior Analysis)
- 111. Connecticut Association for Behavior Analysis: A Year in Review** SHELLY JONES (Connecticut Association for Behavior Analysis) and Kaitlin Cormier (Beacon Services of Connecticut)
- 112. Delaware Association for Behavior Analysis** KAORI G. NEPO (Chimes International)
- 113. Florida Association for Behavior Analysis** NIKKI DICKENS (Florida State University - Early Childhood Autism Program), Andrew John Houvouras (Brevard Public Schools), Jon S. Bailey (Florida State University), Amy S. Polick (Florida State University Panama City), Corey L. Robertson (ABA Tech; Florida Tech), and Leigh Stehlik (Florida Association for Behavior Analysis)
- 114. Four Corners Association for Behavior Analysis** TERESA CAMILLE KOLU (Cusp Emergence), Nicole L. Bank (The PartnerShip, LLC), Michele Bishop (Devereux Arizona), Anthony DeFulio (Western Michigan University), and Sienna VanGelder and Amy Kenzer (Southwest Autism Research & Resource Center)
- 115. Georgia Association for Behavior Analysis** VALERIE M. VOLKERT (Marcus Autism Center; Emory School of Medicine), P. Raymond Joslyn (Berry College), Amy T Solen (The Chicago School of Professional Psychology), and Carolyn Trump (University of Georgia)
- 116. Hawai'i Association for Behavior Analysis** KATHLEEN PENLAND (Hawaii Association for Behavior Analysis)
- 117. Iowa Association for Behavior Analysis** MARIA G. VALDOVINOS (Drake University)
- 118. Kansas Association for Behavior Analysis** EDWARD K. MORRIS (The University of Kansas); Linda S. Heitzman-Powell (The University of Kansas Medical Center); Katelyn Gower, Brett Gelino, Allison Tetreault, Kelley L. Harrison, and Sarah C. Mead (The University of Kansas); and Tyler Re (The Chicago School of Professional Psychology); and Alec Bernstein (The University of Kansas)
- 119. Kentucky Association for Behavior Analysis** Robert C. Pennington and ERICK M. DUBUQUE (Kentucky Association for Behavior Analysis)
- 120. Louisiana Behavior Analysis Association** DEREK JACOB SHANMAN (Nicholls State University)
- 121. The Massachusetts Association of Applied Behavior Analysis** JOSEPH M. VEDORA (Evergreen Center) and Steven Woolf (Beacon ABA Services)
- 122. Behavior Analysis Association of Michigan** JAMES T. TODD, Elise Pearl, Morgan Wright, and Caitlyn Sorensen (Eastern Michigan University)
- 123. Mid-American Association for Behavior Analysis** JULIE A. ACKERLUND BRANDT (The Chicago School of Professional Psychology), Thomas S. Critchfield (Illinois State University), Jeffrey H. Tiger (University of Wisconsin - Milwaukee), and Alec Bernstein (The University of Kansas)
- 124. Montana Association for Behavior Analysis and the Road to Licensure** JACKIE MOHLER (MTABA), Cheryl A. Young-Pelton (Montana State University in Billings), and Traci Burton-Sell and Kimberly Piper (MTABA)
- 125. Nebraska Association for Behavior Analysis** TERRI NEWTON (Childhood Autism Services, Inc.) and Steven L. Taylor (Glenwood Resource Center)
- 126. Nevada Association for Behavior Analysis** ASHLEY EDEN GREENWALD (University of Nevada, Reno), Megan D. Szeto (Advanced Child Behavior Solutions, LLC), Molly Halligan (Las Vegas Autism Center), and Steven Ambro (University of Nevada Reno)
- 127. The New Hampshire Association of Behavior Analysis** KIM M. KELLY (New Hampshire Association for Behavior Analysis)
- 128. New York State Association for Behavior Analysis** DANA R. REINECKE (Long Island University Post; New York State Association for Behavior Analysis)

- 129. North Carolina Association for Behavior Analysis** WHITNEY LUFFMAN (Autism Society of NC), Melanie H. Bachmeyer (University of North Carolina Wilmington), Alleta Johnson (ABC of NC Child Development Center), Kristi Toward and Leigh Ann Strain (Autism Society of NC), Nancy Poteet (Carolina Center for ABA), Erica Brown (Autism Society of North Carolina), and Karla Durig (New Leaf Therapeutic Services)
- 130. Oregon Association for Behavior Analysis** MELISSA J. GARD (Building Bridges; Oregon Association for Behavior Analysis), Emily Kearney (Oregon Association for Behavior Analysis), Alice A. Keyl Austin (AKA Consulting-Anchor Academy; Oregon Association for Behavior Analysis; Oregon Institute of Technology), Maria Lynn Kessler (Oregon Institute of Technology), Jenny Fisher (Oregon Association for Behavior Analysis), and Analise A Herrera-Minteer (Play Connections Autism Center)
- 131. Philadelphia Metropolitan Association for Behavior Analysis** AMANDA GULD FISHER and Donald A. Hantula (Temple University), Beth J. Rosenwasser (Fairmount Pediatric & Adolescent Medicine Affiliate), and Art Glenn Dowdy (Temple University)
- 132. South Carolina Association for Behavior Analysis** CECILIA KNIGHT (Institute for Behavioral Training), Anna Craft (Project HOPE Foundation), Jessica A. Thompson Scibilia Scibilia (private consultant), Aaron Check (private practice), Zahra Hajiaghamohseni (ABX Solutions, LLC), and Adam Thornton Brewer (Florida Institute of Technology)
- 133. Southeastern Association for Behavior Analysis** Kim Kimberly Epting (Elon University), Sherry L. Serdikoff (Savannah State University), Christy A. Alligood (Disney's Animal Kingdom), KAREN G. ANDERSON (West Virginia University), and Kelly M. Banna (Millersville University of Pennsylvania)
- 134. Texas Association for Behavior Analysis** SARAH A. LECHAGO (University of Houston-Clear Lake)
- 135. Virginia Association for Behavior Analysis** Christine Evanko and AMANDA RANDALL (Virginia Association for Behavior Analysis)
- 136. Wisconsin Association for Behavior Analysis** ROGER FRANK BASS (Bass Behavioral Consulting)
- 
- #176 ABAI Expo**
- 8:00 pm–10:00 pm  
Marriott Marquis, Pacific Ballroom
- 137. Illinois Association for Behavior Analysis** JENNIFER KLAPATCH TOTSCH (Illinois Association for Behavior Analysis; National Louis University)
- 
- #177 ABAI Expo**
- 8:00 pm–10:00 pm  
Marriott Marquis, Pacific Ballroom
- 138. ABAI Affiliated Chapters Board Poster** STEVEN WOOLF (Beacon ABA Services)
- 139. The Membership Board of the Association for Behavior Analysis International** WENDY DONLIN WASHINGTON and Mark Galizio (University of North Carolina Wilmington)
- 140. ABAI Science Board** DEREK D. REED (The University of Kansas), Yvonne Barnes-Holmes (Ghent University), Matthew W. Johnson (Johns Hopkins University School of Medicine), Cynthia J. Pietras (Western Michigan University), Jonathan W. Pinkston (Western New England University), Claire C. St. Peter (West Virginia University), William Stoops (University of Kentucky), and Jennifer R. Zarcone (Kennedy Krieger Institute)
- 141. ABA Student Committee** LORRAINE A. BECERRA (Utah State University) and Kathryn M. Roose and Christina M. Peters (University of Nevada, Reno)
- 
- #178 ABAI Expo**
- 8:00 pm–10:00 pm  
Marriott Marquis, Pacific Ballroom
- 142. Division 25 (Behavior Analysis) of the American Psychological Association** TARA A. FAHMIE (California State University, Northridge), Edward Wasserman (University of Iowa), and Richard M. Foxx (The Pennsylvania State University)
- 143. CAPPDR-CCABA Membership Services** FRANK YU and Dehua Guo (CCABA)
- 144. Recognition of Behaviour Analysis Under Australia's National Disability Insurance Scheme** ALEXANDRA BROWN (Bright Eyes Early Intervention), Alayna T. Haberlin (Momentum Learning Services), and Michelle A. Furminger (Leaps Ahead Early Intervention)
- 145. European ABA** HANNA STEINUNN STEINGRIMSDOTTIR (Oslo and Akershus University College), Torunn Lian (Oslo and Akershus University College), Christoph F. Boerdlein (University of Applied Sciences Wuerzburg), Christos Nikopoulos (Autism Consultancy Services), Zuilma Gabriela Gabriela Sigurdardottir (University of Iceland), and Erik Arntzen (Oslo and Akershus University College)

**146. Institute for Child Development as the Only Dissemination Site of Princeton Child Development Institute in Poland** IWONA RUTA-SOMINKA (Institute for Child Development) and Anna Budzinska (Institute for Child Development in Gdansk)

**147. Establishing Behavior Analysis in Turkey** ELIF TEKIN-IFTAR (Anadolu University)

**148. Association for Science in Autism Treatment** DAVID A. CELIBERTI (Association for Science in Autism Treatment)

**149. Elwyn** ESTHER BUBB-MCKINNIE (Elwyn; St. Joseph's University; Eastern University) and Yvette Marie Claudio and Justine Beachley (Elwyn)

**150. University of North Texas - Behavior Analysis Online** SCOTT SOLOMON and Brook B. Wheetley (University of North Texas)

**151. Behavior Analysis Training System** (AUT; Applied Research) RICHARD W. MALOTT, Corinne Kelley, and Sarah Bradtke (Western Michigan University)

# Save the date!

## substance use and addiction

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**SUNDAY**  
MAY 27




# Manchester Grand Hyatt San Diego; Sunday, May 27

Room	6 am		7 am		8 am		9 am		10 am		11 am		12 pm		1 pm		2 pm	
	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30
Coronado AB					#182 CBM Ch. Rachal ‡	#203 CBM Ch. Tarter ‡	#221 DEV Leslie ‡ ‡ \$*		#241 CBM Ch. Drossel ‡	#261 CBM Ch. Golden ‡								
Coronado DE					#196 DEV Ch. Baker				#250 DEV Ch. Zonneveld ‡									
Regatta A-C																		
America's Cup A-D					#193 CBM Ch. Munoz-Martinez ‡			#232 CBM Ch. Haney ‡										
Cortez Hill A-C			#179 Prgm Brd Mtg															
Bankers Hill																		
Ocean Beach																		
Mission Beach A-C																		
Harbor Ballroom A					#194 DDA Scheithauer ‡\$			#219 DDA Lacock ‡										
Harbor Ballroom B																		
Harbor Ballroom C					#187 TBA Ch. Choi ‡	#205 TBA Ch. Baltazar ‡	#228 TBA Ch. Bulla ‡	#245 TBA Ch. Mason ‡	#269 TBA Ch. Bennett ‡									
Harbor Ballroom D					#202 TBA Ch. Zane ‡		#229 TBA Ch. Kunze ‡	#246 TBA Ch. Bohr ‡										
Harbor Ballroom E																		
Harbor Ballroom F																		
Harbor Ballroom G					#198 EDC Ch. Heinicke ‡		#233 EDC Ch. Sylva		#264 EDC Ch. Whalen ‡									
Harbor Ballroom HI					#183 EDC Ch. Fletcher ‡	#212 EDC Ch. Hood		#243 EDC Ch. Griffith	#265 EDC Ch. Lydon ‡									
Seaport Ballroom A					#199 PRA Ch. McCulloch ‡\$		#225 PRA Ch. Blenkush ‡	#254 PRA Ch. McCormack ‡										
Seaport Ballroom B					#200 PRA Ch. Schaub ‡		#234 PRA Ch. Guilhardi		#268 PRA Ch. Leigland									
Seaport Ballroom C					#186 PRA Ch. Iovannone ‡	#213 PRA Ch. Walker ‡		#244 PRA Ch. Blakely ‡	#267 PRA ‡ Ch. Robertson									
Seaport Ballroom DE					#185 PRA Ch. Miller ‡	#206 VRB Arntzen	#226 PRA Ch. Watts ‡	#235 AUT Virues Ortega										
Seaport Ballroom F					#181 AUT Ch. Everett	#208 AUT Ch. Vladescu B/Q/N		#248 AUT Ch. Patz ‡										
Seaport Ballroom G					#189 AUT Ch. Aclan ‡		#215 AUT Ch. Roscoe ‡	#247 AUT Ch. Pastrana ‡										
Seaport Ballroom H					#180 AUT Ch. Williams ‡	#207 AUT Ch. Hansen		#239 AUT Ch. Fessel	#259 AUT ‡ Ch. Velasquez									
Gaslamp AB																		
Gaslamp CD																		
Old Town AB																		
Grand Hall A					#195 DDA Scatzo ‡		#220 DDA Chok ‡	#249 DDA Boyle ‡										
Grand Hall B							#230 VRB Ch. Eldevik	#236 AUT Ch. Kohler ‡	#257 AUT ‡ Ch. Hieneman									
Grand Hall C					#191 AUT Ch. DeBar ‡		#214 AUT Ch. Gleit ‡	#237 AUT ‡ Ch. Stoddard	#260 AUT ‡ Ch. Bancroft									
Grand Hall D					#190 AUT Ch. Fisher ‡		#216 AUT Ch. Vedora ‡	#238 AUT Ch. Melton ‡	#258 AUT Ch. Gallant ‡									

# Manchester Grand Hyatt San Diego; Sunday, May 27

	3 pm	4 pm	5 pm	6 pm	7 pm	8 pm	9 pm	10 pm	11 pm	Room
	:00 :30	:00 :30	:00 :30	:00 :30	:00 :30	:00 :30	:00 :30	:00 :30	:00 :30	
Fourth Level	#301 CBM Ch. Raif ‡			#346 CBM Weersing ‡ ‡ \$*		#372 U Florida				Coronado AB
	#287 DEV Ch. Gentilini ‡	#309 DEV ‡ Ch. Pereira Delgado	#331 DEV Pelaez			#370 U Kansas				Coronado DE
						#367 Northeastern				Regatta A-C
	#302 CBM Ch. Rasmussen ‡			#345 CBM Ch. Davis ‡		#375 Simmons College				America's Cup A-D
Third Level						#374 St. Cloud State				Cortez Hill A-C
						#386D Autism Business Assoc				Bankers Hill
						#378 CSU Northridge				Ocean Beach
						#385 POBS				Mission Beach A-C
Second Level	#303 DDA Schwartz ‡		#341 DDA Romani ‡			#381 Friends of SABA				Harbor Ballroom A
										Harbor Ballroom B
	#298 TBA Ch. Mudgal ‡	#319 TBA Ch. Toper Korkmaz	#340 DDA Rodriguez ‡			#369 WMU				Harbor Ballroom C
		#318 TBA Greer ‡ ‡ \$*		#350 EDC DiGennaro Reed ‡ ‡ \$*		#380 CABAS				Harbor Ballroom D
										Harbor Ballroom E
										Harbor Ballroom F
	#290 EDC Ch. Blair ‡	#311 EDC Ch. Blair ‡	#343 EDC Ch. Doney Frederick ‡			#386 SPABA				Harbor Ballroom G
	#289 EDC Ch. Hall ‡	#310 EDC Ch. Reeve ‡	#332 EDC Ch. McNally ‡			#368 UNR				Harbor Ballroom HI
	#294 PRA Ch. Howarth ‡	#325 PRA Ch. Minton		#355 PRA Ch. Olive ‡		#377 Texas State				Seaport Ballroom A
	#295 PRA Ch. Young ‡	#317 PRA Ch. O'Donnell ‡	#337 PRA Ch. Soracco ‡	#354 PRA Ch. Miller ‡		#366 FIT				Seaport Ballroom B
	#297 PRA Ch. Franco ‡	#316 PRA Ch. Dittrich ‡	#336 PRA Ch. Ivy ‡	#352 PRA Ch. McDonald ‡		#376 Sage College				Seaport Ballroom C
	#296 PRA Ch. Penrod ‡			#353 PRA Ch. McWhorter		#379 Beacon				Seaport Ballroom DE
	#282 AUT Ch. Gerow ‡	#306 AUT Ch. Linstead	#328 AUT Ch. Guilhardi			#383 UNCW				Seaport Ballroom F
	#300 AUT Ch. Quiroz ‡					#373 Chicago School, Skinner Foundation, Cambridge				Seaport Ballroom G
	#285 AUT Ch. Woods	#321 AUT Ch. Charlop ‡				#384 Univ. Cincinnati				Seaport Ballroom H
						#382 Arizona ABA				Gaslamp AB
						#386A Autism Spectrum Therapies				Gaslamp CD
						#371 UNT				Old Town AB
Lobby Level	#304 DDA MacManus ‡		#330 DDA Shillingburg ‡	#348 DDA Fiani ‡						Grand Hall A
	#299 AUT Ch. Iannaccone ‡		#327 AUT Ch. McDonald ‡							Grand Hall B
	#283 AUT Ch. Mann ‡	#322 AUT Ch. Fuhrman ‡								Grand Hall C
	#284 AUT Ch. Zhang	#320 AUT Ch. Carroll ‡				#386C CARD				Grand Hall D

## LEGEND

-  = Special and Invited Events
-  = B. F. Skinner Lecture Series
-  = Professional Development Series
- ‡ = PSY CE
- ‡ = BACB CE
- \$ = QABA CE
- \* = NASP CE
- Ch. = Chairperson

Marriott Marquis San Diego & Marina; Sunday, May 27																			
	Room	6 am		7 am		8 am		9 am		10 am		11 am		12 pm		1 pm		2 pm	
		:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30
South Tower Level 3	Marina Ballroom D					#188 AAB Ch. Funk ‡				#231 AAB Ch. Protopopova				#255 AAB Ch. Bright ‡					
	Marina Ballroom E					#192 BPN Ch. Reed ‡				#218 CSS Ch. Zhang ‡				#266 PCH Ch. Kazemi ‡					
	Marina Ballroom F					#184 OBM Ch. Bucklin ‡				#223 OBM Ch. Wilson-Raabe ‡		#252 PCH Ch. Quigley ‡\$							
	Marina Ballroom G							#209 CSS Ch. Rafacz ‡				#251 OBM Houmanfar ‡ ‡ \$*							
	Del Mar																		
Second Floor Lobby Level	San Diego Ballroom A					#197 EAB Ch. Bizo				#222 EAB Ch. Dos Santos		#253 PCH Ch. Morris ‡							
	San Diego Ballroom B									#227 SCI Layng ‡ ‡ \$*		#240 BPN Dunn ‡ ‡ \$*							
	San Diego Ballroom C							#211 EAB Ch. Vaidya						#262 EAB Ch. Cowie					
	Presidio 1																		
	Presidio 2																		
	Torrey Pines 1-3																		
	Rancho Santa Fe 1-3							#210 EAB Ch. Bell-Garrison						#263 EAB Ch. Glassford ‡					
	Grand Ballroom Pre-Function			Registration															
	Grand Ballroom 1-6															Poster Sessions #271-276			
	Grand Ballroom 7-9					#201 Presidential Scholar Discussion Panel ‡ ‡ \$*						#217 BPN Carhart-Harris ‡ ‡ \$ ‡		#242 EAB Le Pelley ‡ ‡		#270 VRB Larsen-Freeman ‡ ‡ \$*			
Grand Ballroom 7-13																			
Grand Ballroom 10-13								#204 PCH Ch. Chavez		#224 PCH Ch. DeBernadis ‡									
First Floor	Pacific Ballroom 14-26			Bookstore												Poster Sessions #277-281			

Marriott Marquis San Diego & Marina; Sunday, May 27																			
3 pm		4 pm		5 pm		6 pm		7 pm		8 pm		9 pm		10 pm		11 pm		Room	
:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30		
		#307 CSS Ch. Buqo ‡		#339 CSS Ch. Moore ‡				#360 Perspect. on Behavior										Marina Ballroom D	South Tower Level 3
#292 OBM Ch. Kavner ‡		#308 CSS Ch. Askari		#344 OBM Ch. Ludwig ‡				#363 BASS										Marina Ballroom E	
#291 OBM Ch. Dixon		#313 OBM Ch. Robertson		#333 OBM Ch. Rodriguez		#351 OBM Ch. Newcomb ‡		#364 New Accreditation										Marina Ballroom F	
#286 CSS Slowiak ‡ ‡ §*				#329 CSS Ch. Gross		#347 CSS Ch. Kellum ‡		#365 Student Committee										Marina Ballroom G	
																		Del Mar	
		#324 EAB Ch. Cole				#349 EAB Ch. Erdner		#359 VRB SIG										San Diego Ballroom A	Second Floor Lobby Level
#288 EAB Odum ‡ ‡ §*		#314 PCH Lattal ‡ ‡ §		#326 AAB Vicino ‡ ‡ §*				#357 Autism SIG										San Diego Ballroom B	
#305 EAB Ch. Miguel ‡				#342 EAB Ch. Kuroda				#361 JABA										San Diego Ballroom C	
								#358 Military & Vets SIG										Presidio 1	
																		Presidio 2	
																		Torrey Pines 1-3	
		#323 EAB Ch. Locey						#362 HSF SIG										Rancho Santa Fe 1-3	
Registration																		Grand Ballroom Pre-Function	
																		Grand Ballroom 1-6	
#293 OTH Diamond ‡ ‡ §*		#312 OBM Grote ‡ ‡ §*		#335 PCH Kelso ‡ ‡ §*		#356 SCI Marr ‡												Grand Ballroom 7-9	
																		Grand Ballroom 7-13	
		#315 PCH Ch. Gamble ‡		#334 PCH Ch. Lanovaz ‡														Grand Ballroom 10-13	
Bookstore																		Pacific Ballroom 14-26	First Floor

LEGEND

= Special and Invited Events

= B. F. Skinner Lecture Series

‡

= PSY CE

‡

= BACB CE

§

= QABA CE

\*

= NASP CE

Ch.

= Chairperson





**KGH is a multidisciplinary therapy center providing comprehensive center-based and in-home services to individuals with autism spectrum disorder from infancy through young adulthood.**

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#### #179A Special Event

7:00 am–7:50 am  
Manchester Grand Hyatt, Main Lobby

**Fun Run With the Health, Sport, and Fitness SIG**  
Chair: Gabrielle Torres (Behavior Basics LLC)

Join the Health, Sport, and Fitness SIG for a fun 3-5 mile run on Sunday, May 27. We will meet in the lobby of the Hyatt and head out for anywhere from 3 to 5 miles (less is welcome too!). Let us know if you can join on our Facebook event (<https://www.facebook.com/events/409829599475470/>) or email [hsf.abai@gmail.com](mailto:hsf.abai@gmail.com). We'll split up in pace and distance groups and head out the Hyatt's red Embarcadero route. All paces welcome. Run/walk and strollers welcome as well!

#### #179 Special Event

7:00 am–7:50 am  
Manchester Grand Hyatt, Cortez Hill A-C  
OTH

**ABAI Program Board Meeting**  
Chair: Federico Sanabria (Arizona State University)

**AAB Applied Animal Behavior:** SUSAN D. KAPLA (Northern Michigan University) and Valeri Farmer-Dougan (Illinois State University)

**AUT Autism:** NICOLE HEAL (Melmark New England), Thomas S. Higbee (Utah State University), AND Tiffany Kodak (University of Wisconsin - Milwaukee)

**BPN Behavioral Pharmacology and Neuroscience:** MATTHEW W. JOHNSON (Johns Hopkins University School of Medicine) and Carla H. Lagorio (University of Wisconsin-Eau Claire)

**CBM Clinical, Family, Behavioral Medicine:** Jeannie A. Golden (East Carolina University) and Amy Murrell (University of North Texas)

**CSS Community, Social, and Sustainability Issues:** TODD A. WARD (bSci21 Media, LLC) and Thomas G. Szabo (Florida Institute of Technology)

**DDA Developmental Disabilities:** ERIC BOELTER (Seattle Children's Autism Center) and Kelly M. Schieltz (The University of Missouri)

**DEV Human Development:** R. DOUGLAS GREER (Columbia University Teachers College and Graduate School of Arts and Sciences) and Jessica Singer-Dudek (Teachers College, Columbia University)

**EAB Experimental Analysis of Behavior:** ERIC S. MURPHY (University of Alaska Anchorage), Elizabeth Kyonka (University of New England, Australia)

**EDC Education:** Scott P. Ardoin (University of Georgia) and Robin Coddington (University of Massachusetts Boston)

**OBM Organizational Behavior Management:** JULIE M. SLOWIAK (University of Minnesota Duluth) and Doug Johnson (Western Michigan University)

**PCH Philosophical, Conceptual, and Historical Issues:** DARLENE E. CRONE-TODD (Salem State University) and David C. Palmer (Smith College)

**PRA Practice:** JOHN M. GUERCIO (Benchmark Human Services) and Robert K. Ross (Beacon ABA Services)

**SCI Science:** DEREK D. REED (The University of Kansas)

**TBA Teaching Behavior Analysis:** Amoy Kito Hugh-Pennie (The Harbour School-Hong Kong) and GABRIELLE T. LEE (Chongqing Normal University)

**VRB Verbal Behavior:** JUDAH B. AXE (Simmons College) and Einar T. Ingvarsson (Virginia Institute of Autism)

#### #180 Panel Discussion

8:00 am–8:50 am  
Manchester Grand Hyatt, Seaport Ballroom H  
AUT; Service Delivery  
BACB CE Offered. CE Instructor: Richard E. Laitinen, Ph.D.

**An Expanded Analysis of Joint Attending and Social Referencing: Toward a Functional Taxonomy**  
Chair: Gladys Williams (CIEL, SPAIN)

PER HOLTH (Oslo and Akershus University College of Applied Sciences)  
RICHARD E. LAITINEN (Personalized Accelerated Learning Systems)  
MARTHA PELAEZ (Florida International University)

Sunday, May 27



## #181 Symposium

8:00 am–8:50 am  
Manchester Grand Hyatt, Seaport Ballroom F  
AUT/EDC; Service Delivery

### Examining Effects of Research-Based Strategies to Effectively Train Parents in Home-Based Settings

Chair: Jessica R. Everett (Melmark New England)  
Discussant: Barbara O'Malley Cannon (Melmark New England)

#### Does Delay Matter: Effects of Increasing Latency on Parent Training via Video Modeling

JULIYA KRASNOPOLSKY and Devann Patterson (Melmark New England; Endicott College)

#### Lullabies Are Not Enough: Teaching Parents to Sleep Train a Child With Autism

ANNA LINNEHAN (Melmark New England)

## #182 Panel Discussion

8:00 am–8:50 am  
Manchester Grand Hyatt, Coronado Ballroom AB  
CBM; Applied Research  
BACB CE Offered. CE Instructor: Evelyn R. Gould, Ph.D.

### The Meaning of Mattering: Values in Applied and Clinical Behavior Analysis

Chair: Daryl Rachal (University of Louisiana at Lafayette)

EVELYN R. GOULD (FirstSteps for Kids, Inc.)  
JOSHUA K. PRITCHARD (Southern Illinois University)  
EHREN J WERNITZ (Arizona Autism United)

## #183 Panel Discussion

8:00 am–8:50 am  
Manchester Grand Hyatt, Harbor Ballroom HI  
EDC; Theory  
BACB CE Offered. CE Instructor: Christine Hoffner Barthold, Ph.D.

### Teaching Curiosity: Discussion of Behavioral Approaches to Fostering Creativity and Philosophical Skills

Chair: Marie Cathleen Fletcher (University of Mississippi)

KENDRA B. NEWSOME (Fit Learning)  
CHRISTINE HOFFNER BARTHOLD (George Mason University)  
MAKENSEY SANDERS (University of Mississippi)

## #184 Symposium

8:00 am–8:50 am  
Marriott Marquis, Marina Ballroom F  
OBM/PRA; Service Delivery  
BACB CE Offered. CE Instructor: Barbara R. Bucklin, Ph.D.

### Pay For Performance: Lessons From the Field

Chair: Barbara R. Bucklin (Arden Learning, Inc.)  
Discussant: Nicholas Weatherly (Florida Institute of Technology)

#### Pay for Performance: Lessons From the Field

Barbara R. Bucklin (Arden Learning, Inc.), Manuel A. Rodriguez (ABA Technologies, Inc.), and TROY HOFFMAN (Simpluris)

#### Don't Pay for Time, Pay for Performance: Designing and Implementing an Ethical Pay for Performance System at an ABA Company

ADAM E. VENTURA (World Evolve, Inc.) and Jill M. Holleder (KGH Consultation & Treatment)

## #185 Panel Discussion

### Ethics

8:00 am–8:50 am  
Manchester Grand Hyatt, Seaport Ballroom DE  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: Megan Miller, Ph.D.

### Thinking Outside of the Skinner Box: Ethically Addressing Barriers to Learning Using the Evidence-Based Practice Model

Chair: Megan Miller (FSU CARD; Navigation Behavioral Consulting)

ROBERT SCHRAMM (Knospe-ABA)  
STEVEN J. WARD (Whole Child Consulting, LLC)  
MARY LYNCH BARBERA (Barbera Behavior Consulting, LLC)

## #186 Panel Discussion

8:00 am–8:50 am  
Manchester Grand Hyatt, Seaport Ballroom C  
PRA; Theory  
BACB CE Offered. CE Instructor: Rose Iovannone, Ph.D.

### A Panel Discussion on Applied Behavior Analysis and Positive Behavior Support: So Happy Together

Chair: Rose Iovannone (University of South Florida; Florida Center for Inclusive Communities)

JODIE SORACCO (University of Nevada, Reno)  
CHRISTIAN SABEY (Brigham Young University)  
LAUREN DIANE BROWN (University of Nevada, Reno)

## #187 Symposium

8:00 am–8:50 am  
Manchester Grand Hyatt, Harbor Ballroom C  
TBA/VRB; Applied Research  
BACB CE Offered. CE Instructor: Dolleen-Day Keohane, Ph.D.

### A Systems Approach to Training Clinicians and Increases in Clients' Learning in Clinic Settings

Chair: Jinhyeok Choi (Pusan National University)

#### A Clinic Wide Approach to Training Clinicians Through Research-Based Modules and In-Situ Training

DOLLEEN-DAY KEOHANE and Grant Gautreaux (Nicholls State University) and Lauren Becnel, Tricia Clement, and Paula G. White, Danica Reaves (Touchstone Center)

#### Methods of Effective Supervision

MARA KATRA OBLAK and Jenny Cronier (Seattle Behavior & Therapy)

#### Effects of a Rule Governed Algorithm on Clinicians' Analysis of Instructional Problems and Clients' Learning

KELLY KING (Nicholls State University; Touchstone Center) and Dolleen-Day Keohane (Nicholls State University)

## #188 Symposium

8:00 am–9:50 am  
Marriott Marquis, Marina Ballroom D  
AAB/TBA; Service Delivery  
BACB CE Offered. CE Instructor: Janie A Funk, M.A.

### Unleashing Applied Animal Behavior: Dissemination of Behavioral Science Through Practice Part Two

Chair: Janie A. Funk (University of Nevada, Reno)  
Discussant: Christy A. Alligood (Disney's Animal Kingdom)

#### Improving the Quality of Life for Zoo Animals With ABA

SUSAN G. FRIEDMAN (Utah State University)

#### Improving the Quality of Life of Zoo Keepers With ABA

KATHRYN L. KALAFUT (Antioch College)

#### A Top-Down Strategy to Equine Behavior Education

ROBIN L. FOSTER (University of Puget Sound)

#### Training the Guide Dog: An Untapped Opportunity for the Behavior Scientist

JANIE A. FUNK, W. Larry Williams, and Melia Shamblin (University of Nevada, Reno)

## #189 Symposium

8:00 am–9:50 am  
Manchester Grand Hyatt, Seaport Ballroom G  
AUT/DDA; Service Delivery  
BACB CE Offered. CE Instructor: Marianne L. Jackson, Ph.D.

### Teaching Social Skills to Children With Autism and Related Disorders

Chair: Megan D. Aclan (Aclan Behavioral Services)  
Discussant: Marianne L. Jackson (California State University, Fresno)

#### Being a Social Climber: The Effects of a Rock Climbing Intervention on the Social Interactions and Motor Skills of Individuals With Autism Spectrum Disorder

GEOFFREY BROWNING and Marianne L. Jackson (California State University, Fresno)

**The Use of Behavioral Skills Training and Group Contingencies to Teach Social Skills to Elementary-Aged Children Diagnosed With Autism**

ALLISON ROSE BICKELMAN (Autism Behavior Intervention, Inc.; Endicott College) and Marla Saltzman (Autism Behavior Intervention, Inc.)

**The Value of Curriculum-Based, Group Social Skills Training: A Behavior Analytic Perspective**

PASHA BAHSOUN and Rachel Taylor (Center for Applied Behavior Analysis)

**A Review of Research on Rule-Governed Behavior: Implications for Future Research and Practice**

VINCENT E. CAMPBELL (University of Southern California) and Jonathan J. Tarbox (University of Southern California; FirstSteps for Kids)

**#190 Symposium**

8:00 am–9:50 am

Manchester Grand Hyatt, Grand Hall D

AUT/DDA; Applied Research

BACB CE Offered. CE Instructor: Brian A. Iwata, Ph.D.

**Recent Research on Improving the Efficiency and Accuracy of Abbreviated Functional Analyses**

Chair: Wayne W. Fisher (University of Nebraska Medical Center's Munroe-Meyer Institute)

Discussant: Brian A. Iwata (University of Florida)

**Exposure of Single-Function Responses to Combined Reinforcement Contingencies**

LEAH JULIA KOEHLER and Brian A. Iwata (University of Florida)

**Ongoing Visual-Inspection Criteria for Interpreting Functional Analyses**

VALDEEP SAINI (Upstate Medical University) and Wayne W. Fisher and Billie Retzlaff (University of Nebraska Medical Center's Munroe-Meyer Institute)

**Efficiency in Functional Analysis of Problem Behavior: A Quantitative and Qualitative Review**

BILLIE RETZLAFF (University of Nebraska Medical Center's Munroe-Meyer Institute), Valdeep Saini (Upstate Medical University), and Wayne W. Fisher (University of Nebraska Medical Center's Munroe-Meyer Institute)

**Integration of Functional Analysis Procedural Advancements: Progressing From Brief to Extended Experimental Analyses**

Michael E. Kelley (The Scott Center for Autism Treatment, Florida Institute of Technology), JUSTINE HENRY (The Scott Center for Autism Treatment, Florida Institute of Technology), Robert LaRue (The Douglas Developmental Disabilities Center, Rutgers University), Tracy L. Kettering (ABA Center for Excellence), Dana M. Gadaire (The Scott Center for Autism Treatment, Florida Institute of Technology)

**#191 Symposium**

8:00 am–9:50 am

Manchester Grand Hyatt, Grand Hall C

AUT/DDA; Applied Research

BACB CE Offered. CE Instructor: Rebecca P. F. MacDonald, Ph.D.

**Recent Advancements in Social Skills Instruction With Individuals With Autism Spectrum Disorder**

Chair: Ruth M. DeBar (Caldwell University)

Discussant: Rebecca P. F. MacDonald (New England Center for Children)

**Using Video Modeling to Teach Play Comments to Dyads With Autism Spectrum Disorder**

ESSMA EZZEDDINE, Ruth M. DeBar, and Sharon A. Reeve (Caldwell University) and Dawn B. Townsend (Institute for Educational Achievement)

**Evaluation of Strategies for Teaching Social Skills During Leisure Engagement**

CHANTAL LITTLE (New England Center for Children; Western New England University) and Stacie Bancroft, Erin Jarvis, and Matthew Darcy (New England Center for Children)

**The Effects of a Text Message Prompt on Conversational Speech on Dyads of Children With Autism Spectrum Disorder**

JULIA BLANCO and Marjorie H. Charlop (Claremont McKenna College)

**Assessing and Enhancing Social Behavior of Individuals Diagnosed With an Autism Spectrum Disorder**

TRACEY TORAN and William H. Ahearn (New England Center for Children)

**#192 Symposium**

8:00 am–9:50 am

Marriott Marquis, Marina Ballroom E

BPN/EAB; Service Delivery

BACB CE Offered. CE Instructor: Steven R. Hursh, Ph.D.

**Advances in Operant Demand Analysis: Toward Best Practice for Demand Assessment and Quantification**

Chair: Derek D. Reed (The University of Kansas)

Discussant: Steven R. Hursh (Institutes for Behavior Resources, Inc.; Johns Hopkins University School of Medicine)

**Toward Best Practice of Quantifying Unit Elasticity: Theoretical and Slope-Based Pmax Approaches**

BRETT GELINO (The University of Kansas), Derek D. Reed (The University of Kansas), Steven R.

Hursh (Institutes for Behavior Resources, Inc.; Johns Hopkins University School of Medicine)

**Effects of Market Price Anchoring in Purchase Tasks: Comparisons of Unit Elasticity and Essential Value**

RACHEL NICOLE FOSTER, Allyson R. Salzer, Joshua Harsin, and Derek D. Reed (The University of Kansas)

**The Double-Blind Drug Purchasing Task**

MATTHEW W. JOHNSON and Meredith Steele Berry (Johns Hopkins University School of Medicine)

**A Framework to Integrate Behavioral Economic Demand and Discounting Tasks**

MIKHAIL KOFFARNUS and Brent Kaplan (Virginia Tech Carilion Research Institute, Virginia Tech)

**#193 Symposium**

8:00 am–9:50 am

Manchester Grand Hyatt, America's Cup A-D

CBM/TBA; Service Delivery

BACB CE Offered. CE Instructor: Yors A. Garcia, Ph.D.

**Behavior Analysts and Psychotherapy: Examining Common Scientific Roots**

Chair: Amanda M. Munoz-Martinez (University of Nevada, Reno)

Discussant: William C. Follette (University of Nevada, Reno)

**Back to Basics With Behavioral Activation**

CORY STANTON (University of Nevada, Reno)

**Taking a Dialectical Behavioral Therapy Approach: Applications and Implications of Dialectical Behavioral Therapy for Behavioral Analysts and Psychotherapy**

ANDREW AHRENDT (University of Nevada, Reno)

**Parent Training: Applications and New Findings**

YORS A. GARCIA (The Chicago School of Professional Psychology)

**Functional Analytic Psychotherapy: Behavior Analysts and the Therapeutic Relationship**

AMANDA M. MUNOZ-MARTINEZ (University of Nevada, Reno)

**#194 Symposium**

8:00 am–9:50 am

Manchester Grand Hyatt, Harbor Ballroom AB

DDA/PRA; Service Delivery

BACB/QABA CE Offered. CE Instructor: David M. Richman, Ph.D.

**Using Large-N Designs and Quantitative Analyses to Study Behavioral Treatments for Problem Behavior**

Chair: Mindy Christine Scheithauer (Marcus Autism Center; Emory University School of Medicine)

Discussant: David M. Richman (Texas Tech University)

**Resurgence During Thinning Steps in a Multiple Schedule of Reinforcement**

ALEXIS CONSTANTIN PAVLOV, Colin S. Muething, Joanna Lomas Mevers, and Nathan A. Call (Marcus Autism Center; Emory University School of Medicine)

**Prevalence of Renewal During Generalization of Treatments for Problem Behavior**

COLIN S. MUETHING and Nathan Call (Marcus Autism Center; Emory University School of Medicine), Seth B. Clark (Marcus Autism Center), Joanna Lomas Mevers (Marcus Autism Center; Emory University School of Medicine), and Rodrick Leary (Marcus Autism Center)

**Assessment and Treatment for Inappropriate Sexual Behavior in Individuals With Intellectual and Developmental Disabilities**

CLARE LIDDON (University of North Florida), Erica Lozy (Louisiana State University), and Griffin Rooker (Kennedy Krieger Institute)

**Predicting Treatment Effects for Problem Behavior Maintained by Automatic Reinforcement: A Quantitative Review**  
JENNIFER N. HADDOCK (Johns Hopkins School of Medicine; Kennedy Krieger Institute) and Brian A. Iwata (University of Florida)

#### #195 Symposium

8:00 am–9:50 am  
Manchester Grand Hyatt, Grand Hall A  
DDA; Applied Research  
BACB CE Offered. CE Instructor: Jeffrey Michael Chan, Ph.D.

##### **Training Paraprofessionals to Implement Evidence-Based Interventions**

Chair: Rachel Scalzo (University of South Florida)  
Discussant: Jeffrey Michael Chan (Northern Illinois University)

**Impact of a Teacher-as-Coach Model: Improving Paraprofessionals Fidelity of Implementation of Discrete Trial Training for Students With Moderate-to-Severe Developmental Disabilities**  
RAIA ROSENBLUM (The University of Kansas), Rose A. Mason, and Alana Schnitz (The University of Kansas)

**Learning Language Through Play: Coaching Paraeducators in the Preschool Classroom**  
REBECCA FRANTZ (University of Illinois at Urbana-Champaign), Buket Erturk (University of Oregon), Sarah Grace Hansen (Georgia State University), Wendy A. Machalicek (University of Oregon), and Tracy Jane Raulston (The Pennsylvania State University)

**Analysis of a Multilevel Consultation Model to Support Paraprofessionals' Implementation of Behavioral Interventions in Preschool**  
JAKE MAHON (University of Oregon)

**Teachers Coach Paraprofessionals to Implement Functional Communication Training in Preschool Classrooms**  
Mandy J. Rispoli, Emily Gregori, CATHARINE LORY, and So Yeon Kim (Purdue University)

#### #196 Symposium

8:00 am–9:50 am  
Manchester Grand Hyatt, Coronado Ballroom DE  
DEV/VRB; Service Delivery

##### **Behavioral Gerontology Applications From Basic to Applied Research in Older Adults With Neurocognitive Disorder**

Chair: Jonathan C. Baker (Western Michigan University)  
Discussant: Rebecca A Sharp (Bangor University)

**The Effects of Reinforcement and Extinction on Responding by Older Adults With Cognitive Impairment**  
JORDAN BAILEY, Sandra Garcia, and Jonathan C. Baker (Western Michigan University)

**Maintenance of Matching-to-Sample Performance in a Woman with Neurocognitive Disorder**  
ANETTE BROGARD ANTONSEN and Erik Arntzen (Oslo and Akershus University College)

**Reducing Inappropriate Spitting in an Older Adult With Vascular Dementia**  
SANDRA GARCIA, Andrea Perez, and Jonathan C. Baker (Western Michigan University)

**Verbal Behavior Assessment and Intervention for an Older Adult With Neurocognitive Impairment**  
ANDREA PEREZ, Sandra Garcia, and Jonathan C. Baker (Western Michigan University)

#### #197 Symposium

8:00 am–9:50 am  
Marriott Marquis, San Diego Ballroom A  
EAB; Basic Research

##### **On Time: An Exploration of Factors Influencing Temporal Control**

Chair: Lewis A. Bizo (University of New England)  
Discussant: Peter R. Killeen (Arizona State University)

**A Test of Canine Timing**  
LEWIS A. BIZO (University of New England) and Jessica Cliff, Surrey Jackson, and James McEwan (The University of Waikato)

**Numbers Over Time**  
SARAH COWIE and Michael C. Davison (University of Auckland)

**Potential Roles of Adjunctive Behavior in Temporal Regulation**  
RICARDO PELLON and Gabriela López-Tolsa (Universidad Nacional de Educación a Distancia)

**On the Sensitivity of Two Time-Based Response-Withholding Tasks to Non-Timing Variables**  
CARTER DANIELS, McAllister Stephens, Jason Newbern, and Federico Sanabria (Arizona State University)

#### #198 Symposium

8:00 am–9:50 am  
Manchester Grand Hyatt, Harbor Ballroom G  
EDC/TBA; Applied Research  
BACB CE Offered. CE Instructor: Jennifer L. Austin, Ph.D.

##### **Recent Advances in Applying Behavior-Analytic Instructional Strategies in Higher Education Settings**

Chair: Megan R. Heinicke (California State University, Sacramento)  
Discussant: Jennifer L. Austin (University of South Wales)

**Evaluating the Effect of Peer-Generated, Multi-Media Examples of the Behavioral Principles in an Advanced Applied Behavior Analysis Undergraduate Course**  
Tara A. Fahmie, CYNTHIA NAVA, Sandy Jin, and Priya Kumar (California State University, Northridge)

**A Comparison of Preprinted and Write-On Response Cards in a College Classroom**  
MEGAN R. HEINICKE and Sharon Furtak (California State University, Sacramento)

**Using Behavioral Skills Training to Train Career Resource Center Staff to Use BST to Teach Job Interview Skills to College Students**  
COREY S. STOCOCO, Vinthia Wiryananda Wirantana, and Carolyn S. Kohn (University of the Pacific)

**Using Awareness Training to Reduce College Students' Speech Disfluencies in Public Speaking: A Replication and Extension**  
CRISTINA MONTES, Megan R. Heinicke, and Danielle Geierman (California State University, Sacramento)

#### #199 Symposium

8:00 am–9:50 am  
Manchester Grand Hyatt, Seaport Ballroom A  
PRA/OBM; Service Delivery  
BACB/QABA CE Offered. CE Instructor: Amy D. Wiech, M.Ed.

##### **The RBT "Bottom Line:" Recruitment, Training, and Retention**

Chair: Emaley Bladh McCulloch (Relias Learning)  
Discussant: Amy D. Smith Wiech (ABC Group, Inc. Hawaii)

**Preparing Board Certified Behavior Analysts for the Registered Behavior Technician Credential**  
STEPHANIE BATES (Autism Home Support Services)

**Training Front Line Staff to Become Registered Behavior Technicians**  
CELESTE PLAUTZ (Autism Home Support Services)

**The Impact of Training Methods and Modalities in RBT Exam Pass Rate and Job Readiness**  
EMALEY BLADH MCCULLOCH (Relias)

**Pay Attention to Retention: Five Tips for Retaining Your Talent**  
ALEXIS DREYER (Love 2 Learn Consulting)

#### #200 Symposium

8:00 am–9:50 am  
Manchester Grand Hyatt, Seaport Ballroom B  
PRA; Applied Research  
BACB CE Offered. CE Instructor: Chris M. Schaub, M.Ed.

##### **Research and Application of Behavior Analytic Principles and Brain Injury**

Chair: Chris M. Schaub (ReMed)  
Discussant: Michael P. Mozzoni (Mozzoni Associates LLC)

**The Rehabilitation of Verbal Operants Following Acquired Brain Injury**  
DANI LEIGH BUCKLEY, Kimberly Magat, and Megan R. Heinicke (California State University, Sacramento)

**Catastrophic Impact of Brain Injury on Behavior and Community Reintegration: A Case Review**  
CHRIS PERSEL and Anneka Hofschneider (Centre for Neuro Skills)

**Planning Your Escape: Environmental Approaches to Behavior Change**  
ANNEKA HOFSCHEIDER and Randy Spence (Centre for Neuro Skills)

**Utilizing and Adapting Token Economies to Address Challenging Neurobehavioral Sequelae for Adults With Traumatic Brain Injury**  
CHRIS M. SCHAUB and Jennifer S. Croner (ReMed)

## #201 Invited Panel

Recorded

8:00 am–9:50 am

Marriott Marquis, Grand Ballroom 7-9

SCI; Applied Research

PSY/BACB/QABA/NASP CE Offered. CE Instructor: Michael J. Dougher, Ph.D.

### Is Evolution Science the Umbrella? Creating an Integrated Framework for Understanding, Predicting, and Influencing Human Behavior

Chair: Michael J. Dougher (University of New Mexico)

YVONNE BARNES-HOLMES (Ghent University)

ANTHONY BIGLAN (Oregon Research Institute)

STEVEN C. HAYES (University of Nevada, Reno)

DAVID SLOAN WILSON (Binghamton University)



Dr. Barnes-Holmes is a professor in the department of Experimental Clinical and Health Psychology at Ghent University. Her interests include relational frame theory, contextual behavior science, and acceptance and commitment therapy.



Anthony Biglan, Ph.D., is a Senior Scientist at Oregon Research Institute. He is the author of *The Nurture Effect: How the Science of Human Behavior Can Improve our Lives and Our World*. Dr. Biglan has been conducting research on the development and prevention of child and adolescent problem behavior for the past 30 years. His work has included studies of the risk and protective factors associated with tobacco, alcohol, and other drug use; high-risk sexual behavior; and antisocial behavior. He has conducted numerous experimental evaluations of interventions to prevent tobacco use both through school-based programs and community-wide interventions. And, he has evaluated interventions to prevent high-risk sexual behavior, antisocial behavior, and reading failure. In recent years, his work has shifted to more comprehensive interventions that have the potential to prevent the entire range of child and adolescent problems. He and colleagues at the Center for Advanced Study in the Behavioral Sciences published a book summarizing the epidemiology, cost, etiology, prevention, and treatment of youth with multiple problems (Biglan et al., 2004). He is a former president of the Society for Prevention Research. He was a member of the Institute of Medicine Committee on Prevention, which released its report in 2009 documenting numerous evidence-based preventive interventions that can prevent multiple problems. As a member of Oregon's Alcohol and Drug Policy Commission, he is helping to develop a strategic plan for implementing comprehensive evidence-based interventions throughout Oregon. Information about Dr. Biglan's publications can be found at [http://www.ori.org/scientists/anthony\\_biglan](http://www.ori.org/scientists/anthony_biglan).



Dr. Hayes received his Ph.D. from West Virginia University and currently serves as professor in the behavior analysis program in the Department of Psychology at the University of Nevada, Reno. Dr. Hayes has a record of voluminous research and substantial impact, within behavior analysis and beyond, with 43 books and more than 600 publications. He is one of only three behavior analysts in the world with an h-index above 100 in Google Scholar ([www.webometrics.info/en/node/58](http://www.webometrics.info/en/node/58)). He is the principal developer of relational frame theory and acceptance and commitment therapy, highly influential behavior analytic approaches to language and cognition, and evidence-based intervention, respectively, that have generated considerable research and achieved widespread adoption. Dr. Hayes's contributions to teaching and service have also been exemplary. He served as department chair at UNR, and with Linda Hayes launched the behavior analysis program there. Dr. Hayes has held many influential service (e.g., president of Division 25, the Association for Contextual Behavioral Science, and the Association for Behavioral and Cognitive Therapies) and editorial (e.g., AE of *JABA*) positions, and has received numerous awards for his work (e.g., the SABA Awards for International Dissemination of Behavior Analysis and the Impact of Science on Application, the APA Don Hake Award, and the Lifetime Achievement Award from ABCT). His contributions span philosophical, methodological, basic, and applied domains with remarkable breadth and depth.



David Sloan Wilson is a SUNY distinguished professor of biology and anthropology at Binghamton University and President of the Evolution Institute, a nonprofit organization that formulates public policy from an evolutionary perspective. He has made foundational contributions to evolutionary theory and is widely credited for helping to revive Multilevel Selection Theory, which explains how adaptations can evolve (or fail to evolve) at any level of a multi-tier hierarchy of biological or human social units. He has also been influential in expanding the study of evolution beyond the biological sciences to include all aspects of humanity, both inside and outside the

Ivory Tower. His books include *Darwin's Cathedral: Evolution, Religion, and the Nature of Society* (2002), *Evolution for Everyone: How Darwin's Theory Can Change the Way We Think About Our Lives* (2007), *The Neighborhood Project: Using Evolution to Improve my City, One Block at a Time* (2011), and *Does Altruism Exist? Culture, Genes, and the Welfare of Others* (2015). His next book, titled *This View of Life: Completing the Darwinian Revolution and Evolving the Future*, will be published in 2019.

**Abstract:** Since before Skinner's "Selection by consequences," behavior analysts have acknowledged the natural alliance among the sciences that commonly rely on selection as a fundamental cause and sufficient explanation of behavior. In that vein, several behavior analysts have explicitly called for a closer integration of evolution and behavior science, and some have incorporated evolutionary principles in proposed expansions and modifications of behavior theory. However, it is only recently that a fully integrated, data-driven, evolution-based science of behavior has emerged with both conceptual and empirical implications for behavior scientists. A fundamental assumption of this approach is the reciprocal influence of evolution on behavioral processes at multiple levels of analysis, individual, symbolic and cultural. The participants in this panel are the principal architects of this integration, and each will discuss their specific conceptual and empirical contributions. A panel discussion format was selected specifically to allow audience participation in the discussion.

## #202 Symposium

8:00 am–9:50 am

Manchester Grand Hyatt, Harbor Ballroom D-F

TBA; Applied Research

BACB CE Offered. CE Instructor: Patricia Wright, Ph.D.

### In Search of Effective Training Models for Staff and Caregivers: Utilizing Evidence-Based Practice to Improve Client Outcomes

Chair: Thomas L. Zane (The University of Kansas)

Discussant: Patricia I. Wright (Rethink Autism)

#### Comparative Analysis of Performance Outcomes Between Active Student Responding and Didactic Online Training Modules for Registered Behavior Technicians Using a Modified Solomon Four-Group Design

LAUREN LESA LANIER (Collaborative Autism Resources & Education; Endicott College), Thomas L. Zane (The University of Kansas), Janet A. Schaefer (Collaborative Autism Resources & Education), Justin B. Leaf (Autism Partnership Foundation), and Mary Jane Weiss (Endicott College)

#### Increasing Positive Feedback in School Staff Through a 5-Hour Training

KAREN E. HANS (The University of Kent) and Glynis Murphy (Tizard Centre)

#### Fidelity and Outcome Measures From a Parent-Mediated Social-Communication Intervention for Toddlers With Autism Spectrum Disorder

JAMIE HUGHES-LIKA (Summit Autism Services) and Julie Beadle-Brown (Tizard Centre, University of Kent)

#### Fidelity of Behavior Technician Performance Following Training via Telehealth

BRITTNEY FARLEY (The Chicago School of Professional Psychology; Collaborative Autism Resources & Education) and Annette Griffith and Susan D. Flynn (The Chicago School of Professional Psychology)

## #203 Panel Discussion

Ethics

9:00 am–9:50 am

Manchester Grand Hyatt, Coronado Ballroom AB

CBM; Service Delivery

BACB CE Offered. CE Instructor: Laurie Tarter, Psy.D.

### Working With Caregivers: Challenges and Triumphs

Chair: Laurie Tarter (Sunny Days of California, Inc.)

JANET VASQUEZ (World Evolve Therapy)

KIMBERLY D WOOLERY (World Evolve Inc.; Sunny Days, Inc.)

KARELIX ALICEA (Lotus Behavioral Interventions)

## #204 Panel Discussion

9:00 am–9:50 am

Marriott Marquis, Grand Ballroom 10-13

PCH; Service Delivery

### Artificial Intelligence, Machine Learning, and Virtual Reality

Chair: Andres Chavez (BehaviorMe, Inc.)

PAUL THOMAS ANDRONIS (Northern Michigan University)

T. V. JOE LAYNG (ChangePartner, Inc.)

ABBY LEWIS (Columbia Teachers College)

## #205 Symposium

9:00 am–9:50 am  
Manchester Grand Hyatt, Harbor Ballroom C  
TBA/EDC; Applied Research  
BACB CE Offered. CE Instructor: John W. Eshleman, Ed.D.

### Fluency Based Instruction in University Settings

Chair: Marla Baltazar (University of North Texas)  
Discussant: John W. Eshleman (The Chicago School of Professional Psychology)

#### An Evaluation of Practice Opportunities and Frequency of Checkouts on Undergraduate Students' SAFMEDS Performance Frequencies

TOMAS URBINA, Marla Baltazar, and Traci M. Cihon (University of North Texas)

#### Promoting Fluency With Behavior Analytic Terminology in an Undergraduate Behavior Analysis Class Using SAFMEDS

ELIZABETH LOVITZ and Traci M. Cihon (University of North Texas)

## #206 Invited Presenter

9:00 am–9:50 am  
Manchester Grand Hyatt, Seaport Ballroom DE  
VRB  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Erik Arntzen, Ph.D.

### On the Search for Verbal Mediation in Delayed-Matching-To-Sample Arrangements and Emergent Relations

Chair: Einar T. Ingvarsson (Virginia Institute of Autism)

ERIK ARNTZEN (Oslo and Akershus University College)



Dr. Erik Arntzen received his Ph.D. from University of Oslo, Norway, in February 2000. Arntzen's dissertation focused on variables that influenced responding in accordance with stimulus equivalence. He also holds a degree in clinical psychology. He is currently a full-time professor in behavior analysis at Oslo and Akershus University College (OAUC). His research contributions include both basic and applied behavior analysis, with an emphasis on research in relational stimulus control and verbal behavior. Lately, he has started research projects with a focus on (1) remembering functions in patients with dementia and (2) conditional discrimination of melanoma detection. He has also been interested in ethical considerations and core values in the field of behavior analysis. Furthermore, he has ongoing research projects within the areas of gambling behavior and consumer behavior. He also runs a behavior analysis lab at OAUC. Dr. Arntzen has published papers in a number of different journals including *Journal of the Experimental Analysis of Behavior (JEAB)*, *Journal of Applied Behavior Analysis (JABA)*, *The Psychological Record*, *Behavioral Interventions*, *European Journal of Behavior Analysis (EJOBA)*, *Experimental Analysis of Human Behavior Bulletin*, *Analysis of Gambling Behavior*, *The Analysis of Verbal Behavior*, *American Journal of Alzheimer's Disease and Other Dementias*, and *Psychopharmacology*. Dr. Arntzen has served as the president and past-president of the European ABA (2008–2014). Dr. Arntzen has been a member of the board of the Norwegian Association for Behavior Analysis from 1987–1993 and from 2006 to present, holds the position as the secretary of international affairs. Dr. Arntzen is a trustee of Cambridge Center for Behavioral Studies. He has presented papers at conferences worldwide. Dr. Arntzen has been recognized with awards, including the SABA award for the dissemination of behavior analysis, ABAI award for outstanding mentoring, the research award at Akershus University College, and publication award at OAUC. Dr. Arntzen is one of the founders and the editor of *European Journal of Behavior Analysis*. He has also served as the editor of *Behavior & Philosophy*. He has served on the editorials board of several journals, including the *Journal of Applied Behavior Analysis*, *The Psychological Record*, *International Journal of Psychology and Psychological Therapy*, *American Journal of Alzheimer's Disease*, *The Behavior Analyst*, and *The Behavior Analyst Today*.

**Abstract:** The presentation will tell a research story about the search for verbal mediation in delayed matching-to-sample arrangements and emergent relations. By telling the story, a series of experiments will be presented. Terms as simultaneous and delayed matching-to-sample (DMTS) and emergent relations will be discussed. Research using DMTS procedures has shown that equivalence class formation has increased as a function of increasing delays between sample and comparison. For example, a 9-s delay enhanced equivalence class formation more than a 0-s delay. So, the question "why" has been asked. Thus, in research on DMTS, it has been argued that the naming the stimuli in the delay might bridge the gap between the sample offset and the comparison presentation. Therefore, we have tried to influence the matching performance by introducing a variety of distracting tasks in the delay between the sample offset and the comparison onset. The main findings from such experiments have shown how the tasks presented in the delay influenced the responding in accordance with stimulus equivalence. Finally, experiments employing "silent dog" and talk-aloud procedures have accumulated valuable information of what participants are talking about in the presence of the sample, in the delay, and when the comparisons are presented.

## #207 Symposium

9:00 am–10:50 am  
Manchester Grand Hyatt, Seaport Ballroom H  
AUT; Applied Research

### Innovations in Parent Training for Children With Autism Spectrum Disorder: Reaching New Populations and Skills

Chair: Sarah Grace Hansen (Georgia State University)  
Discussant: Rachel Seaman (Emory University)

#### Parent-Implemented Brief Functional Analysis in the Home

STEPHANIE GEROW, Gabriela Juanita Rivera, Abby Hodges, and Supriya Radhakrishnan (Baylor University)

#### Initial Results From a Brief Telehealth Parent Training Package: Feasibility of the Program, Impact on Parent Knowledge, and Reported Parent Stressors

LESLIE NEELY (University of Texas at San Antonio), Sarah Grace Hansen (Georgia State University), Amarie Carnett, and Chelsea Hardt (University of Texas at San Antonio)

#### Teaching Hispanic Parents of Children With Autism to Deliver a Responsive Interaction Communication Intervention

RUSSELL LANG (Texas State University-San Marcos) and Katherine Ledbetter-Cho and Caitlin Murphy (Texas State University)

#### Parent-Implemented Early Social Communication Skill Intervention

BUKET ERTURK (University of Oregon), Sarah Grace Hansen (Georgia State University), and Wendy A. Machalicek and Megan G. Kunze (University of Oregon)

## #208 Symposium

9:00 am–10:50 am  
Manchester Grand Hyatt, Seaport Ballroom F  
AUT/DDA; Applied Research  
BACB/QABA/NASP CE Offered. CE Instructor: Thomas S. Higbee, Ph.D.

### Instructional Considerations When Establishing New Skills for Learners With Autism Spectrum Disorder

Chair: Jason C. Vladescu (Caldwell University)  
Discussant: Thomas S. Higbee (Utah State University)

#### Evaluations of Object Motor Imitation Training

MEGHAN DESHAIS and Timothy R. Vollmer (University of Florida)

#### Training and Generalization of Yes and No Responding Across Verbal Operants

DAYNA COSTELLO, Tiffany Kodak, Mike Harman, and Gabriella Rachal Van Den Elzen (University of Wisconsin - Milwaukee)

#### The Influence of Instructional Set Size on the Acquisition of Tacts

Jason C. Vladescu and LAUREN GOODWYN (Caldwell University), Danielle L. Gureghian (Garden Academy), and Alexandra Marie Campanaro (Caldwell University)

#### Teaching WH-Concepts to a Child With Autism Using Equivalence-Based Instruction: A Case Study

KELLY DELLA ROSA, Jaime DeQuinzio, and Bridget A. Taylor (Alpine Learning Group)

## #209 Symposium

9:00 am–10:50 am  
Marriott Marquis, Marina Ballroom G  
CSS; Service Delivery  
BACB CE Offered. CE Instructor: Steven W. Payne, Ph.D.

### Improving Healthy Eating and Physical Activity With Reinforcement, Goal Setting, Multiple Stimulus Exposure, and Gamification

Chair: Sharlet D. Rafacz (California State University, Fresno)  
Discussant: Steven W. Payne (California State University, Fresno)

#### Comparing the Effects of Negative Reinforcement Contracts and Goal Setting on Increasing Adults' Physical Activity

DAVID HERNANDEZ, Megan R. Heinicke, and Becky Penrod (California State University, Sacramento)

#### Using a Fitbit Treatment Package to Increase Physical Activity Engagement in Adults with Mental Health Needs

KIMBERLY PECK, Jessica E. Frieder, and Haley Ciara Hughes (Western Michigan University)

#### The Effect of Educational Videos on Virtual Food Selection and Relational Responding

KIAN ASSEMI and Sharlet D. Rafacz (California State University, Fresno)

#### The Effects of Gamification and Taste Exposure on Vegetable Consumption in Children

AMANDA GENEVA CHAVIRA and Sharlet D. Rafacz (California State University, Fresno)

## #210 Symposium

9:00 am–10:50 am  
Marriott Marquis, Rancho Santa Fe 1-3  
EAB; Basic Research

### Investigations of Choice

Chair: Daniel Bell-Garrison (West Virginia University)  
Discussant: James S. MacDonald (Fordham University)

#### Covert Deliberation in Pigeons?

Matthew C. Bell (Santa Clara University) and FEDERICO SANABRIA (Arizona State University)

#### Choice Dynamics in Concurrent Ratio Schedules

DANIEL BELL-GARRISON and Kennon Andy Lattal (West Virginia University)

#### A Behavioral Economic Analysis of Choice Between Constant and Qualitatively Varied Reinforcers

ALICIA ROCA and Frida Montserrat Lira (Universidad Nacional Autónoma de México)

#### One Can Choose One's Own Saccadic Reaction Times

CÉCILE VULLINGS (Université Lille Nord de France; Sciences Cognitives et Sciences Affectives) and Laurent Madelain (Université Lille Nord de France)

## #211 Symposium

9:00 am–10:50 am  
Marriott Marquis, San Diego Ballroom C  
EAB/AUT; Service Delivery

### Innovative Procedures in the Study of Stimulus Control

Chair: Manish Vaidya (University of North Texas)  
Discussant: Yusuke Hayashi (Penn State Hazleton)

#### On the Role of Compound Stimuli in a Matching-to-Sample Procedure

LIVE FAY BRAATEN and Erik Arntzen (Oslo and Akershus University College)

#### Many-to-One Versus One-to-Many: Training Structures and the Emergence of Three 9-Members Equivalence Classes in Adults

VANESSA AYRES PEREIRA and Erik Arntzen (Oslo and Akershus University College)

#### Common Elements in Contingencies Can Facilitate Emergent Simple Discriminations

HAVEN SIERRA NILAND and Manish Vaidya (University of North Texas)

#### The Effects of Differential Outcomes on Audio-Visual Conditional Discriminations in Children With Autism Spectrum Disorder

CATHERINE E. WIIST and Manish Vaidya (University of North Texas)

## #212 Symposium

9:00 am–10:50 am  
Manchester Grand Hyatt, Harbor Ballroom HI  
EDC; Service Delivery

### Gamification and Group Contingencies in the College Classroom

Chair: Stephanie A. Hood (California State University, Northridge)  
Discussant: Gregory J. Madden (Utah State University)

#### Game On! Gamification of an Online Undergraduate Course

DEBRA BERRY MALMBERG, Tara A. Fahmie, and Jose Rafael Solares (California State University, Northridge)

#### Evaluating the Effects of Gamification of an Online Undergraduate Course

JOSE RAFAEL SOLARES, Tara A. Fahmie, and Debra Berry Malmberg (California State University, Northridge)

#### Effects of an Interdependent Group Contingency and Technology to Increase Student Participation in Undergraduate Classrooms

KRISTY PARK (George Mason University), Virginia Lee Walker (Illinois State University), and Kristin Lyon (University of New Mexico)

#### The Effects of Gamifying an Electronic Voting System on Undergraduate Student Quiz and Exam Scores

ELIZABETH VIRGINIA KRULDER and Sharlet D. Rafacz (California State University, Fresno)

## #213 Symposium

9:00 am–10:50 am  
Manchester Grand Hyatt, Seaport Ballroom C  
PRA/PCH; Service Delivery  
BACB CE Offered. CE Instructor: Diana J. Walker, Ph.D.

### Enhancing Applied Practice With Basic Concepts, Contextualism, and Rejection of Blind Rule-Following

Chair: Diana J. Walker (Trinity Services; Illinois Crisis Prevention Network; The Chicago School of Professional Psychology)  
Discussant: Traci M. Cihon (University of North Texas)

#### The Analysis of Behavior in Applied Behavior Analysis: Perspectives of an Experimental, Radical-Behaviorist Practitioner

DIANA J. WALKER (Trinity Services; Illinois Crisis Prevention Network; The Chicago School of Professional Psychology)

#### Schedules of Reinforcement in Applied Settings: Micro- and Macro-Contingencies

KYOSUKE KAZAOKA (Illinois Crisis Prevention Network)

#### The Avoidance of Punishment in Applied Behavior Analysis: More Unethical Than Punishment Itself?

BRIAN MORGAN (Trinity)

#### Beyond Screws and Screwdrivers: The Conditioned Motivating Operation and You

SHANNON ORMANDY (The Chicago School of Professional Psychology)

## #214 Symposium

10:00 am–10:50 am  
Manchester Grand Hyatt, Grand Hall C  
AUT/PRA; Applied Research  
BACB CE Offered. CE Instructor: Ashley Gleit, Ph.D.

### Recent Research on Automatically Maintained Stereotypy in Clinical and Community Settings

Chair: Ashley Gleit (Georgia State University)

#### The Effects of Noncontingent Music and Response Interruption and Redirection on Vocal Stereotypy

ASHLEY GLEIT (Georgia State University; Kiddo's Clubhouse) and Christopher A. Tullis (Georgia State University)

#### Treatment Efficacy for Automatically Reinforced Stereotypy Based on Patterns of Responding in Assessments

LAUREN BEST and Kara L. Wunderlich (University of Georgia)

#### A Comparison of Multiple and Chain Schedules on Stereotypy and Task Completion During Response Interruption and Redirection

Kimberly Sloman, Dylan Zimmerman, Catherine Kishel, Jacqueline Smith, Kyung Mo Nam, and ALLISON HAWKINS (Rutgers, the State University of New Jersey, Douglass Developmental Disabilities Center)

## #215 Symposium

10:00 am–10:50 am  
Manchester Grand Hyatt, Seaport Ballroom G  
AUT; Applied Research  
BACB CE Offered. CE Instructor: Samantha Russo, M.Ed.

### Assessment and Treatment of Automatically Maintained Self-Injurious Behavior

Chair: Eileen M. Roscoe (The New England Center for Children)

#### Decreasing Self-Injurious Behavior and Self-Restraint in an Adult With Autism

SAMANTHA RUSSO (Endicott College; Eden Autism) and Christopher Tallmadge (Eden Autism)

#### Reduction of Automatically Maintained Self-Injurious Behavior Using Combined Differential and Noncontingent Reinforcement

CHRISTOPHER M. DILLON, Griffin Rooker, Jennifer R. Zarccone, and Michelle A. Frank-Crawford (Kennedy Krieger Institute); Erica Lozy (Louisiana State University); and Alexander Rodolfo Arevalo and Louis P. Hagopian (Kennedy Krieger Institute)

#### Identifying Stimuli That Compete With Self-Restraint and Automatically Reinforced Self-Injurious Behavior

MICHELLE A. FRANK-CRAWFORD, Louis P. Hagopian, Jennifer R. Zarccone, Griffin Rooker, Alyssa Fisher (Kennedy Krieger Institute) and Erica Lozy (Louisiana State University)



## #216 Symposium

10:00 am–10:50 am

Manchester Grand Hyatt, Grand Hall D

AUT/PRA; Applied Research

BACB CE Offered. CE Instructor: Joseph M. Vedora, Ed.D.

### Assessing Variables That Affect Conditional Discrimination Training for Children With Autism Spectrum Disorder

Chair: Joseph M. Vedora (Evergreen Center)

#### A Comparison of Sample-First and Comparison-First Procedures During Receptive Label Training

TIFFANY BARRY, Joseph M. Vedora, John Claude Ward-Horner, and Kaitlin Hendrickx (Evergreen Center)

#### Stimulus Presentation Order During Receptive-Identification Instruction: Are We Doing It Right?

BAILEY DEVINE and Anna I. Petursdottir (Texas Christian University) and Einar T. Ingvarsson (Virginia Institute of Autism)

#### An Evaluation of Stimulus Set Size During Conditional Discrimination Training for Children With Autism Spectrum Disorder

SANDHYA RAJAGOPAL (Florida Institute of Technology), Laura L. Grow (Garden Academy), Ivy M. Chong Crane (Florida Institute of Technology; The Scott Center for Autism Treatment), and Becca Fire (Florida Institute of Technology)

## #217 B. F. Skinner Lecture Series

Recorded

10:00 am–10:50 am

Marriott Marquis, Grand Ballroom 7-9

BPN

BACB/PSY/QABA CE Offered. CE Instructor: Matthew W. Johnson, Ph.D.

### Psychedelics: Mechanisms and Therapeutic Potential

Chair: Matthew W. Johnson (Johns Hopkins University School of Medicine)

ROBIN CARHART-HARRIS (Imperial College London)



Robin heads the Psychedelic Research Group within the Centre for Psychiatry at Imperial College London, where he has designed a number of functional brain imaging studies with psilocybin (magic mushrooms), LSD, MDMA (ecstasy) and DMT (ayahuasca), plus a clinical trial of psilocybin for treatment resistant depression. He has over 50 published papers in peer-reviewed scientific journals; two of which were ranked in the top 100 most impactful academic articles of 2016. Robin's research has featured in major national and international media and he has given a popular TEDx talk.

**Abstract:** This presentation will introduce the latest thinking on the mechanisms of action of psychedelic compounds such as LSD and psilocybin. Dr. Carhart-Harris will present the results of his functional brain imaging work with compounds such as psilocybin, LSD, and DMT, and discuss what these findings tell us about how these drugs alter brain function to alter consciousness. He will also present his latest findings on psilocybin with psychological support for treatment resistant depression, including brain imaging findings suggesting how the treatment is working.

## #218 Panel Discussion

10:00 am–10:50 am

Marriott Marquis, Marina Ballroom E

CSS; Service Delivery

BACB CE Offered. CE Instructor: Dorothy Xuan Zhang, Ph.D.

### Disseminating Applied Behavior Analysis in China: Ethical Challenges and Practical Application

Chair: Dorothy Xuan Zhang (George Mason University; The Chicago School of Professional Psychology; ABA Professional Committee of China Association of Rehabilitation of Disabled Persons (ABA-CARDP))

THEODORE A. HOCH (George Mason University)

FAN-YU LIN (Robert Morris University)

PATRICIA I. WRIGHT (Rethink)

## #219 Symposium

10:00 am–10:50 am

Manchester Grand Hyatt, Harbor Ballroom AB

DDA/EAB; Applied Research

BACB CE Offered. CE Instructor: Zoe Lucock, M.S.

### Issues of Stimulus Control in People With Intellectual and Developmental Disabilities and Major Neurocognitive Disorder (Dementia)

Chair: Zoe Lucock (Bangor University)

Discussant: Andrew Buchanan (The Columbus Organization)

#### Influence of Supplemental Stimulation on Stimulus Control in Delayed Matching-to-Sample

LAUREL M. CIAVARRI (Simmons College)

#### “Taking Stock” of What We Know and Adapting What We Do With People With Intellectual and Developmental Disabilities and Dementia

ZOE LUCOCK, Rebecca A. Sharp, and Robert Jones (Bangor University)

## #220 Symposium

10:00 am–10:50 am

Manchester Grand Hyatt, Grand Hall A

DDA/CBM; Applied Research

BACB CE Offered. CE Instructor: James Chok, Ph.D.

### Using the IISCA to Inform Functional Analysis and Treatment Development

Chair: James Chok (Melmark Pennsylvania)

#### The Predictive Validity of Open-Ended Interviews to Inform Functional Analysis Design

KELLY UBDEGROVE (Surrey Place Centre), Valdeep Saini (Upstate Medical University), and Joshua Jessel (Queens College)

#### Assessment and Treatment, Using IISCA, for Two Individuals Who Refuse to Transition Away From the Pool

ART GLENN DOWDY (Melmark Pennsylvania; Temple University) and Amanda Marie Finlay, Rebekah Hinchcliffe, and Jay Salee (Melmark Pennsylvania)

#### A Comparison of Contingency-Based Reinforcement Thinning Procedures

Joshua Jessel (Queens College), Rachel Metras (Western New England University), and CHARLENE AGNEW (Queens College)

## #221 Invited Presenter

10:00 am–10:50 am

Manchester Grand Hyatt, Coronado Ballroom AB

DEV

PSY/BACB/QABA/NASP CE Offered. CE Instructor: Julian C. Leslie, Ph.D.

### Developing Reading Skills in Mainstream Education

Chair: R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

JULIAN C. LESLIE (Ulster University)



Julian Leslie obtained his doctorate from Oxford University in 1974 since when he has been in academic posts in Northern Ireland. He published behaviour analysis textbooks in 1979, 1996, 2000, 2002 (the 1996 volume was reprinted until 2008 and remains in print, and the 2002 text also remains in print). As well as teaching undergraduate and postgraduate courses, he has successfully supervised 48 Ph.D. students in fields including, experimental analysis of behaviour, applied behaviour analysis, psychopharmacology, behavioural neuroscience, experimental psychology, applied psychology. Three recent Ph.D.'s are concerned with behavioural strategies to address environmental issues. In 1977 he was co-founder of the group, Behaviour Analysis in Ireland which is a chapter of ABAI. In 2004, the group became the Division of Behaviour Analysis of the Psychological Society of Ireland, and he is currently the Division chair. Julian Leslie organised the Third European Meeting for the Experimental Analysis of Behaviour in Dublin, Ireland 1999, and has co-organised 11 annual conferences of the Division of Behaviour Analysis from 2007 to 2017, variously in Dublin, Galway and Athlone. He was a keynote speaker at the European Association for Behaviour Analysis in Milan in 2006, and in Crete, Greece in 2010, and also a keynote speaker on behavioural strategies to address environmental issues at the Brazilian Association for Behaviour Analysis, Salvador 2011. From 1984 to 1994 Julian Leslie was head of the Psychology Department, and from 2008 to 2015 head of the Research Graduate School, Faculty of Life & Health Sciences, Ulster University. In 2014, Julian Leslie was awarded a Doctorate of Science by Ulster University for career research on

the experimental analysis of behaviour. From 2014 he has given a series of papers on behavioural accounts of consciousness, including an invited address at BABAT 2017. Much current research involves developing skills of children in the classroom.

**Abstract:** Many countries, including the US, the UK and Northern Ireland, face continuing problems in developing literacy and reading skills in primary education with substantial numbers of children missing national literacy targets. Behaviour analysis of human development focusses on the need to specify key skills that comprise any higher-order activity and then train them explicitly in a program that is individualised for every child. In the case of reading, there is widespread agreement that key skills are phonemic awareness, use of phonics, fluency, guided oral reading, and acquisition of new vocabulary words. The Headsprout Early Reading program, developed by behaviour analysts, is an online package which targets each of the skills through intensive systematic phonics training. It thus makes use of computer-based instruction which, when used effectively, promotes higher levels of student engagement and enjoyment. A number of published studies of use of Headsprout have shown efficacy and efficiency in increasing the reading skills of individuals with autism and with typically developing learners within the classroom and home based settings. We have carried out several studies within mainstream schools in Northern Ireland using Headsprout to improve the reading skills of child at risk of failing to achieve literacy targets and have obtained encouraging results. The next stage is to achieve school district-wide implementation of this type of intervention. This requires us to meet many challenges in sustaining behaviour-based interventions in schools. Some of these will be outlined, and it will be suggested that, to improve our progress in this important task, we can draw on the huge literature on how to make interventions for autism effective and sustained.

## #222 Symposium

10:00 am–10:50 am  
Marriott Marquis, San Diego Ballroom A  
EAB; Basic Research

### Factors That Enhance and Disrupt Timing Processes

Chair: Cristina Dos Santos Thibodeau (University of Minho)

#### Learning-to-Time in the Midsession Reversal Task

CRISTINA DOS SANTOS THIBODEAU (University of Minho), Marco Vasconcelos (University of Aveiro; Center for Environmental and Marine Studies), and Armando Machado (University of Minho)

#### Competition for Stimulus Control: Time Versus Location

RENATA PENNA BORGES NUNES CAMBRAIA (University of Minho), Marco Vasconcelos (University of Aveiro; Center for Environmental and Marine Studies), and Armando Machado (University of Minho)

#### Differential Effects of Differential Reinforcement of Low Rate Duration on Timing Precision in a Peak Procedure

MATTHEW LELAND ECKARD (West Virginia University) and Elizabeth Kyonka (University of New England)

## #223 Symposium

10:00 am–10:50 am  
Marriott Marquis, Marina Ballroom F  
OBM/PRA; Applied Research  
BACB CE Offered. CE Instructor: Ginger R. Wilson-Raabe, Ph.D.

### Behavior Analysis in the Workplace: An Examination of Conflict, Turnover, and Satisfaction

Chair: Ginger R. Wilson-Raabe (The ABRITE Organization)

#### The Impact of Staff Satisfaction and Turnover on Caregiver Satisfaction With Behavioral Services

Sara Gershfeld Litvak, Laura Beavin, CHRISTINE L. RATCLIFF, and Hannah Stark (Behavioral Health Center of Excellence)

#### The Effects of Workplace Conflict on Voluntary Turnover and Lost Cases for BCBAs

CHELSEA CARTER, Ellie Kazemi, Steve Hakim, Christina Saez, and Shelby Jones (California State University, Northridge)

#### An Examination of Employee Satisfaction Within a Behavior Analytic Service Organization

GINGER R. WILSON-RAABE, Janice Doney Frederick, John M. Frederick, and Cameron Milstein (The ABRITE Organization)

## #224 Symposium

10:00 am–10:50 am  
Marriott Marquis, Grand Ballroom 10-13  
PCH/CBM; Theory  
BACB CE Offered. CE Instructor: Ruth Anne Rehfeldt, Ph.D.

### Romantic Love, Altruism, and the Self in Behavior Analytic Perspective

Chair: Genevieve M. DeBernardis (University of Nevada, Reno)  
Discussant: Ruth Anne Rehfeldt (Southern Illinois University)

#### Altruism, Selfishness, and Finding Your Self

MITCH FRYLING (California State University, Los Angeles)

#### Romantic Love in Scientific Perspective

LINDA J. PARROTT HAYES (University of Nevada, Reno)

## #225 Symposium

10:00 am–10:50 am  
Manchester Grand Hyatt, Seaport Ballroom A  
PRA; Applied Research  
BACB CE Offered. CE Instructor: Nathan Blenkush, Ph.D.

### Automatic Measurement of Behavior Using Inertial Measurement Units

Chair: Nathan Blenkush (Judge Rotenberg Educational Center)  
Discussant: Erich K. Grommet (Troy University)

#### Automatic Measurement of Behavior Using Inertial Measurement Units

NATHAN BLENKUSH and Gary Woo (Judge Rotenberg Educational Center); Robert W. Worsham (private practice); and Nick Lowther, Jason Coderre, Tristan Webb, and Asli Unver (Judge Rotenberg Educational Center)

#### Developing IMU Filters and Measuring Behavior in Applied Settings

DYLAN PALMER (Judge Rotenberg Educational Center; Simmons College) and Joseph Tacosik (Judge Rotenberg Educational Center)

## #226 Symposium

10:00 am–10:50 am  
Manchester Grand Hyatt, Seaport Ballroom DE  
PRA/OBM; Service Delivery  
BACB CE Offered. CE Instructor: John M. Guercio, Ph.D.

### Finding Truth in Workability: Analyses of Common Behavior-Analytic Practices in School and Clinic

Chair: Zoey Watts (Arizona State University)

#### Words Mean Something: A Parametric Analysis of Video Prompting

RODRIGO ESTEBAN MENDOZA and Adam DeLine Hahs (Arizona State University)

#### Organizational Behavior Management in a Supported Living Setting: Increasing Daily Data Collection

John M. Guercio and MADISON JAMESON (Benchmark Human Services)

#### The Effect of Differential Negative Reinforcement of Other Behavior on Tolerance to Aversive Stimuli

MARIO LANUZA and Adam DeLine Hahs (Arizona State University)

## #227 Invited Presenter

Recorded

10:00 am–10:50 am  
Marriott Marquis, San Diego Ballroom B  
SCI  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: T. V. Joe Layng, Ph.D.

### Reasoning From Basic Principles: Translating Behavioral Research Into Large Scale Applications

Chair: Derek D. Reed (The University of Kansas)

T. V. JOE LAYNG (ChangePartner, Inc.)



T. V. Joe Layng has over 40 years of experience in the experimental and applied analysis of behavior with a particular focus on the design of teaching/learning environments. In 1999, he co-founded Headsprout. At Headsprout, Joe led the scientific team that developed the technology that forms the basis of the company's patented Early Reading and Reading Comprehension online reading programs and science sequence for which he was the chief architect. Recently, Joe co-founded ChangePartner, a company combining basic behavior analytic principles with

artificial intelligence to integrate constructional behavior change at scale throughout large organizations such as hospitals. Joe earned a Ph.D. in Behavioral Science (biopsychology) at the University of Chicago. At Chicago, working with pigeons, he investigated animal models of psychopathology, specifically the recurrence of pathological patterns (head-banging) as a function of normal behavioral processes. Joe also has extensive clinical behavior analysis experience with a focus on ambulatory schizophrenia, especially the systemic as well as topical treatment of delusional speech and hallucinatory behavior. Joe is a fellow of the Association for Behavior Analysis International and Chairman of the Board of Trustees, The Chicago School of Professional Psychology.

**Abstract:** Elon Musk, Steve Jobs, and others have brought us innovation that both surprise and delight us. They not only produced new widgets, they are responsible for changing the way people live and work. Both advocated as essential the application of basic principles of science, engineering, and design in the creation of new technologies. Contrasted to reasoning from basic principles is reasoning from analogy. Much of what is created comes from this approach. In our initial design attempts we search for how others approached the problem. How did company X build an electric car? Reasoning from analogy may limit what we can do and prevent us from applying the full power of our science and technology in solving fundamental problems. Three products created at Headsprout, Inc. from 1999 to 2010 and the current approach taken by ChangePartner, Inc. today represent efforts to build applications at scale that rely on reasoning from basic principles. These efforts will be used to illustrate the power of the approach and suggest that searching for analogs, including, at times, previous applied research or applications, may be detrimental to applying the experimental and applied analysis of behavior at scale to new and interesting areas and problems.

## #228 Symposium

10:00 am–10:50 am  
Manchester Grand Hyatt, Harbor Ballroom C  
TBA/EDC  
BACB CE Offered. CE Instructor: Andrew Bulla, Ph.D.

### Instructional Strategies to Promote Active and Meaningful Learning in Higher Education

Chair: Andrew Bulla (Armstrong State University)  
Discussant: William L. Heward (The Ohio State University)

**Teaching Complex Concepts in Higher Education: An Analysis of Instructional Material and Strategies to Promote Conceptual Learning**  
ANDREW BULLA (Armstrong State University)

**Outcomes of Fluency-Based Practice: Using Say All Fast a Minute Every Day Shuffled (SAFMEDS) With College Students**  
KATHRYN M. KESTNER, Claire C. St. Peter, and Catherine Stephens (West Virginia University)

## #229 Panel Discussion

10:00 am–10:50 am  
Manchester Grand Hyatt, Harbor Ballroom D-F  
TBA; Service Delivery  
BACB CE Offered. CE Instructor: Megan G. Kunze, M.A.

### Doctoral Training for Behavior Analysts: A New Community of Reinforcement Awaits Today's Practitioners

Chair: Megan G. Kunze (University of Oregon)

WENDY A. MACHALICEK (University of Oregon)  
TONYA NICHOLE DAVIS (Baylor University)  
MANDY J. RISPOLI (Purdue University)

## #230 Symposium

10:00 am–10:50 am  
Manchester Grand Hyatt, Grand Hall B  
VRB/AUT; Applied Research

### Establishment of Naming Skills in Preschool Children With Autism

Chair: Sigmund Eldevik (Oslo and Akershus University College of Applied Sciences)  
Discussant: Anna I. Petursdottir (Texas Christian University)

**Establishment of Naming Through Conditioning of Reinforcers**  
HEIDI SKORGE OLAFF and Per Holth (Oslo and Akershus University College of Applied Sciences)

**Effects of Sufficient Exemplar Training on Naming Skills in Children With Autism**  
ROY SALOMONSEN (University Hospital of North Norway) and Sigmund Eldevik (Oslo and Akershus University College of Applied Sciences)

## #231 Symposium

10:00 am–11:50 am  
Marriott Marquis, Marina Ballroom D  
AAB/AUT; Applied Research

### Integrating Human-Animal Interactions into Behavior Analysis

Chair: Alexandra Protopopova (Texas Tech University)  
Discussant: Susan G. Friedman (Utah State University)

#### Effectiveness of Animal-Assisted Social Skills Interventions for Children With Autism Spectrum Disorder

COURTNEY JORGENSON, Casey J. Clay, and SungWoo Kahng (University of Missouri)

#### A Comparison of Three Methods of Integrating Therapy Dogs Into ABA-Based Educational Sessions for Children With Autism Spectrum Disorder

KIRSTEN LEATHERWOOD, Alexandra Protopopova, Megan Elizabeth Arant, and Breanna Harris (Texas Tech University) and Jeanne M. Donaldson (Louisiana State University)

#### Therapy Dog Welfare: Stress and Avoidance Behavior of Therapy Dogs During Sessions

MEGAN ELIZABETH ARANT and Alexandra Protopopova (Texas Tech University)

#### Effect of Pet Dogs on Children's Perceived Stress and Cortisol Response

NATHANIEL HALL (Texas Tech University), Darlene Kertes (University of Florida), and Clive Wynne (Arizona State University)

## #232 Symposium

10:00 am–11:50 am  
Manchester Grand Hyatt, America's Cup A-D  
CBM; Applied Research  
BACB CE Offered. CE Instructor: Kathryn M. Peterson, M.A.

### Recent Advancements in the Assessment and Treatment of Pediatric Feeding Disorders

Chair: Sarah Haney (Munroe-Meyer Institute; University of Nebraska Medical Center)  
Discussant: Kathryn M. Peterson (Munroe-Meyer Institute; University of Nebraska Medical Center)

#### Brief Assessments to Reduce Packing in Children With Feeding Disorders

BRADLEY BLOOMFIELD (University of Utah), Valerie M. Volkert (Marcus Autism Center; Emory School of Medicine), and William G. Sharp (Marcus Autism Center)

#### Demand Fading With and Without Escape Extinction in the Treatment of Pediatric Feeding Disorders

JESSICA WOOLSON, Melanie H. Bachmeyer, Jessica Keane, Sydney Ball, Elizabeth Gonzalez, and Jessica Aiken (University of North Carolina Wilmington)

#### Using Simultaneous Presentation of Table Textured Foods to Increase Chewing and Decrease Latency to Mouth Cleans in Children With Pediatric Feeding Disorders

VICTORIA PHAM, Kerri Caltabiano, and Meeta R. Patel (Clinic 4 Kidz)

#### Post-Treatment Generalization and Caregiver Training Following Nonremoval of the Spoon

JONATHAN K. FERNAND (University of Florida), Varsovia Hernandez Eslava (Universidad Veracruzana), and Timothy R. Vollmer (University of Florida)

## #233 Paper Session

10:00 am–11:50 am  
Manchester Grand Hyatt, Harbor Ballroom G  
EDC

### Applied Behavior Analysis in Educational Settings

Chair: Judith Sylva (California State University, San Bernardino)

#### The Roles of the Board Certified Behavior Analyst in Public Schools: Implications for Preparation and Ethical Practice (Service Delivery)

JUDITH SYLVA (California State University, San Bernardino), Cristina Geronimo (Riverside County Office of Education), and Doreen J. Ferko (California Baptist University)

#### The Use of Mechanical Restraints in Schools: How Behavior Analysts Can Help Inform Practice (Service Delivery)

DIANA SOCIE (University of South Florida), Jonathan Dean Schmidt (Kennedy Krieger Institute), Jodi Bernard (Los Angeles Unified School District), and Jennifer M. Hodnett (University of South Florida)

#### In-Service Training to Improve Transition and Individualized Education Program Goal Functionality Knowledge of Secondary Special Education Teachers (Applied Research)

MUHAMMED KARAL and Pamela Wolfe (The Pennsylvania State University)

#### Training Communication Partners on Implementation of Picture Exchange Communication System: A Literature Review (Applied Research)

ASHLEY MCCOY and David McNaughton (The Pennsylvania State University)

## #234 Paper Session

10:00 am–11:50 am  
Manchester Grand Hyatt, Seaport Ballroom B  
PRA

### Clinical Interventions in Treatment

Chair: Paulo Guilhardi (Beacon ABA Services)

#### A Comparison of Procedures for Evaluating Generalization Following Matrix Training (Applied Research)

Paulo Guilhardi, Victoria Sadler, and ROBERT K. ROSS (Beacon ABA Services)

#### Teaching Appropriate Play Routines Through Video Modeling as a Treatment of Vocal and Motor Stereotypy (Applied Research)

PAULO GUILHARDI, Robert K. Ross, Joseph Robitaille, and Jennifer Smith (Beacon ABA Services)

#### Evaluation of Collateral Effects on Social Interactions on a Self-Monitoring and Reinforcement Procedure to Decrease Motor Stereotypy in a Child With Autism Spectrum Disorder (Applied Research)

LISA TERESHKO, Robert K. Ross, and Nicole Martocchio (Beacon ABA Services)

#### The Use of iPads to Improve Leisure Skills of Adults With Autism Spectrum Disorder and Intellectual Disability (Applied Research)

KAORI G. NEPO (Chimes; Temple University), Matthew Tincani, Saul Axelrod, Ken Thurman, and Philip N. Hine (Temple University)

## #235 Invited Presenter

## Ethics

11:00 am–11:50 am  
Manchester Grand Hyatt, Seaport Ballroom DE  
AUT  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Javier Virues Ortega, Ph.D.

### Research Synthesis of Behavioral Interventions for People With Autism: Strategies to Maximize Social Impact

Chair: Nicole Heal (Margaret Murphy Center for Children)

JAVIER VIRUES ORTEGA (University of Auckland)



Javier Virues-Ortega is a senior lecturer and director of the Applied Behaviour Analysis Programme at The University of Auckland (New Zealand). After five years in a leading public health research institution he developed an interest in translating mainstream outcome research methods into applied behavior analysis. He is author of over a hundred specialized publications. His work has been cited thousands of times and summarized in the medical policies of a number of major health insurance providers in the US. For example, UnitedHealthcare group cited and summarized two of Virues-Ortega's meta-analyses in their policy on behavioural services for autism spectrum disorder.

**Abstract:** Scientists cite clinical trials hundreds of times while decision makers use clinical trials and meta-analyses as the foundation for policies affecting millions. By contrast, JABA papers live a silent and unassuming life. Historically, applied behavior analysis has disregarded the potential for an “applied behavioral synthesis.” The vast majority of our empirical literature is composed of experimental analyses of molecular processes often evaluating the impact of discrete reinforcement-based procedures on few behaviors of interest over a limited period of time. We lack a conceptual framework to translate experimentally sound baby steps into service and treatment models that have to be comprehensive and longitudinal in nature. This talk will explore strategies for synthesizing behavior-analytic evidence that would be compatible with both the single-subject experimental tradition of applied behavior analysis, and the outcome research standards of mainstream clinical sciences. The end goal of this approach is to develop efficient channels to translate applied behavior analysis into service models that policy and health decision-makers could find acceptable.

## #236 Symposium

11:00 am–11:50 am  
Manchester Grand Hyatt, Grand Hall B  
AUT/PRA; Applied Research  
BACB CE Offered. CE Instructor: Jessica Ann Korneder, Ph.D.

### Increasing Social Initiation Skills and Play Skills for Children Diagnosed With Autism

Chair: Kelly Kohler (Western Michigan University)

Discussant: Jessica Ann Korneder (Oakland University)

### The Use of a Task Analysis, Direct Reinforcement, and Stimulus-Stimulus Pairing on Pretend Play Skills

Jessica Ann Korneder and JAMES CHARLES BLEVINS (Oakland University)

### Increasing Child Initiations During Shared Reading Experiences: An Intervention for Preschoolers With Autism Spectrum Disorder

SOPHIA R. D'AGOSTINO and Josh Plavnick (Michigan State University)

## #237 Symposium

11:00 am–11:50 am  
Manchester Grand Hyatt, Grand Hall C  
AUT/VRB; Service Delivery  
BACB CE Offered. CE Instructor: Lisa J. Stoddard, M.S.

### Reevaluating the Big Picture: New Approaches to Old Dogma in ABA and Autism

Chair: Lisa J. Stoddard (FirstSteps for Kids, Inc.)

Discussant: Amanda C. Nicolson (Swan Consulting Inc.)

#### What's the Point? Purpose-Driven Applied Behavior Analysis at the Implementer Level

LISA J. STODDARD and Jennifer L. Harris (FirstSteps for Kids, Inc.)

#### Data Schmata: Evaluating the Real-Life Effects of Switching to First-Trial Data Collection

ERIN HERBE (FirstSteps for Kids), Jonathan J. Tarbox (University of Southern California; FirstSteps for Kids), and Jenna Stauffer (FirstSteps for Kids)

## #238 Symposium

## Ethics

11:00 am–11:50 am  
Manchester Grand Hyatt, Grand Hall D  
AUT/DDA; Service Delivery  
BACB CE Offered. CE Instructor: Britany Melton, Ph.D.

### Ethical Considerations and the Application of Restraint

Chair: Britany Melton (Endicott College)

Discussant: Samantha Russo (Endicott College)

#### The Use of Contingent Restraint in a Clinical Setting

JESSICA ZAWACKI (Preparing Adolescents with Autism for Adult Life), Thomas L. Zane (The University of Kansas), and Gloria Satriale (Preparing Adolescents with Autism for Adult Life)

#### Reducing Restraint Duration With an Adult Population

JESSICA BURNS (Eden Autism), Samantha Russo (Eden Autism; Endicott College), and Christopher Tallmadge (Eden Autism)

## #239 Paper Session

11:00 am–11:50 am  
Manchester Grand Hyatt, Seaport Ballroom H  
AUT

### Insurance and Practice Considerations for Service Delivery to Individuals With Autism Spectrum Disorder

Chair: Karen Fessel (Mental Health & Autism Insurance Project)

#### Working With Insurance: Writing Successful Appeals and Working With State Regulators (Service Delivery)

KAREN FESSEL (Mental Health & Autism Insurance Project)

#### #notallaba: Toward an Ethical and Socially Valid Model of Services (Service Delivery)

ANN BEIRNE and Cailey Rodgers (Global Autism Project) and Michelle L. Zube (Caldwell University)

## #240 Invited Presenter

11:00 am–11:50 am  
Marriott Marquis, San Diego Ballroom B  
BPN  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Kelly Dunn, Ph.D.

### Using Behavioral Pharmacology to Improve Opioid Use Disorder Treatment

Chair: Carla H. Lagorio (University of Wisconsin-Eau Claire)

KELLY DUNN (Johns Hopkins University School of Medicine)



Kelly Dunn is an associate professor in the Department of Psychiatry and Behavioral Sciences at Johns Hopkins University School of Medicine. Dr. Dunn has an MS in Applied Biopsychology and a Ph.D. in Human Behavioral Pharmacology. She has been involved with numerous studies related to substance abuse disorder, including clinical trial evaluations of novel medications for opioid and alcohol use disorders, as well as cigarette smoking. She has served as the site manager for several industry-sponsored trials of novel opioid products and behavioral treatments. Dr. Dunn is the principle investigator on four NIDA-funded studies that evaluate different aspects of opioid use disorder. She has published more than 40 articles in peer-reviewed journals, has editorial board appointments on the *Journal of Substance Abuse Treatment and Experimental and Clinical Psychopharmacology*, has received numerous honors in recognition of her research from national organizations, and regularly presents data at national meetings. She is an active member of several national organizations, provides regular media interviews and talks to local and national press on the topic of opioid use disorder, and is a member of several regional substance use-related advisory boards. Dr. Dunn is committed to improving access and quality of treatment for opioid use disorder.

**Abstract:** The United States is in the midst of an opioid epidemic. Opioid use disorder is largely maintained through positive reinforcing mechanisms (a euphoric high following use of opioid agonists like heroin and OxyContin), and negative reinforcement (relief from the prominent withdrawal syndrome following removal of the drug in persons with opioid physical dependence). Opioid use disorder is distinct from other forms of drug use disorder in that numerous FDA-approved medications are available to address the positive and negative reinforcing aspects of opioid use disorder, including provision of opioid agonists for an extended period (maintenance) or reductions in doses over time (detoxification) to enable relapse prevention treatment. Yet, despite these resources a large number of patients do not succeed in treatment. Our research is using behavioral pharmacological paradigms to better understand mechanisms underlying individual differences in opioid response. The overall goal of this research is to inform development of new medications and methods to more effectively tailor treatment regimens to individuals. This talk will provide an overview of some human laboratory studies being conducted to inform clinical treatment of opioid use disorder and will present the results from some ongoing behavioral pharmacological efforts to examine mechanisms underlying individual response to opioids.

#### #241 Symposium

11:00 am–11:50 am  
Manchester Grand Hyatt, Coronado Ballroom AB  
CBM; Service Delivery  
BACB CE Offered. CE Instructor: Michelle Ennis Soreth, Ph.D.

##### Clinical Training and Practice Beyond Autism

Chair: Claudia Drossel (Eastern Michigan University)  
Discussant: Michelle Ennis Soreth (Rowan University)

**Scope of Practice in Behavior Analysis: The Sins of the Father Are to be Laid Upon the Children**  
THOMAS J. WALTZ (Eastern Michigan University)

##### Increasing Behavior Analysts' Sensitivity to the Impact of Social Contingencies

LILLIAN ELLIS (Eastern Michigan University), Claudia Drossel (Eastern Michigan University)

#### #242 B. F. Skinner Lecture Series

Recorded

11:00 am–11:50 am  
Marriott Marquis, Grand Ballroom 7-9  
EAB  
PSY/BACB CE Offered. CE Instructor: Elizabeth Kyonka, Ph.D.

##### Capture and Control: Promoting and Preventing Distraction by Reward-Related Stimuli

Chair: Elizabeth Kyonka (University of New England)

MIKE LE PELLEY (University of New South Wales Sydney)



Mike Le Pelley is an associate professor in the School of Psychology at UNSW Sydney (Australia). He completed a Ph.D. in Experimental Psychology at the University of Cambridge, studying the role of associative learning processes in human behavior. After his Ph.D., Mike held the Sir Alan Wilson Fellowship at Emmanuel College, University of Cambridge, followed by a move to a lectureship at Cardiff University. In 2011 he was awarded an Australian Research Council Future Fellowship and moved to the University of New South Wales (as it was then known) in Sydney, Australia. Since 2015 he has been working as a faculty member at UNSW Sydney (as it is now known), and since 2017 he has also been a Mercator Fellow at the Philipps University of Marburg, Germany. Most of Mike's research has a component of associative learning in it; for example recent projects have investigated the influence of reward learning on attention (using behavioral studies, eye-tracking, and EEG), the contribution of learning and prediction processes to schizophrenia, and how basic learning mechanisms can explain examples of so-called 'metacognitive' behavior in nonhuman animals.

**Abstract:** Selection is central in everything we do, from the highest-level decisions (which candidate should I vote for?) to the lowest (where should I move my eyes next?). So what determines when a stimulus will be selected for action, versus being ignored? Research on attentional selection has shown that stimuli with distinctive physical features (color, brightness, loudness, etc.) can exert control over our behavior even when this conflicts with the goal of our current task; for example, when driving we might be distracted by a loud noise from the back seat. Recent work has gone further by demonstrating that distraction is not purely a function of the physical salience of stimuli: it is also influenced by prior learning about association with reward. I will review evidence for this value-modulated attentional capture effect from behavioral studies, eye-tracking, and EEG, showing that rewards exert a rapid and pervasive influence on attentional selection. This effect is somewhat analogous to demonstrations of sign-tracking in nonhuman animals, and (much as for sign-tracking) preliminary evidence indicates it might be related to development of addictive behaviors. Finally, I will describe evidence suggesting that counterproductive effects of reward on attention can be reduced, if not overcome, via instrumental conditioning.

#### #243 Paper Session

11:00 am–11:50 am  
Manchester Grand Hyatt, Harbor Ballroom HI  
EDC

##### Can and Should ABA be Used in Educational Settings

Chair: Sarah E. Pinkelman (Utah State University)

**Teaching Self-Control: From Basic Findings to Educational Applications for Children** (Theory)  
Kristin Griffith, SARA PECK, Sarah E. Pinkelman, and Gregory J. Madden (Utah State University)

**Validating Academic Curricular Programs: Are Single-Case Designs Appropriate?** (Applied Research)  
RONALD C. MARTELLA and Nancy Marchand-Martella (University of Oklahoma) and J. Ron Nelson (University of Nebraska)

#### #244 Symposium

11:00 am–11:50 am  
Manchester Grand Hyatt, Seaport Ballroom C  
PRA/AUT; Service Delivery  
BACB CE Offered. CE Instructor: Elbert Blakely, Ph.D.

##### Prompt-Dependency or Prompt-Maintained Behavior? An Analysis of Prompts as Consequences

Chair: Elbert Blakely (Quest, Inc.; Florida Institute of Technology)

**Evaluating the Use of Signaled Extinction to Promote Independence and Decrease Emotional Responding Associated With Prompt Maintained Behavior**

TARA OLIVIA LOUGHREY, Jessica Cadette Dunn, and Maria Soto (The Victory Center for Autism and Related Disabilities)

##### Prompts as Consequences: An Investigation of Stimulus Functions

GRANT MICHAEL INGRAM (Florida Institute of Technology) and Elbert Blakely (Quest, Inc.)

##### A Brief Functional Analysis of Prompt-Maintained Behavior

LOGAN MCDOWELL (The Tikvah Center)

#### #245 Symposium

11:00 am–11:50 am  
Manchester Grand Hyatt, Harbor Ballroom C  
TBA/DDA; Service Delivery  
BACB CE Offered. CE Instructor: Rose A. Mason, Ph.D.

##### Anyone Can Do It: Impact of Behavior Skills Training and Practice-Based Coaching to Train Professionals Across Settings

Chair: Rose A. Mason (Purdue University)

**Effects of Behavioral Skills Training on Staff Implementation of Functional Communication Training**  
EMILY GREGORI and Mandy J. Rispoli, Leslie Neely (The University of Texas at San Antonio), and Catharine Lory and So Yeon Kim (Purdue University)

##### Comparing Instructor Feedback and Self-Monitoring Within a Behavior Skills Training Package to Train Preservice Behavior Analysts to Conduct Preference Assessments

Regan Weston, GABRIELA JUANITA RIVERA, Tonya Nichole Davis, Kristin O'Guinn, and Supriya Radhakrishnan (Baylor University)

##### Implementation of Practice-Based Coaching With Teachers: Impact of Group Training to Increase Fidelity of Implementation of Discrete Trial Training

Rose A. Mason (Purdue University) and ALANA SCHNITZ (The University of Kansas)

## #246 Panel Discussion

11:00 am–11:50 am  
Manchester Grand Hyatt, Harbor Ballroom D-F  
TBA; Service Delivery  
BACB CE Offered. CE Instructor: Scott A. Miller, M.S.

**Communicating to the Public: Podcasts, Psych 101, Technology, and Other Ways to Reach Lots of People**  
Chair: Brendan James Böhr (Manitoba Association for Behaviour Analysis)

SCOTT A. MILLER (University of Nebraska Medical Center)  
MIRANDA DRAKE (Behavior Plus)  
SHANE SPIKER (New Architects, LLC)

## #247 Symposium

11:00 am–12:50 pm  
Manchester Grand Hyatt, Seaport Ballroom G  
AUT; Applied Research  
BACB CE Offered. CE Instructor: Sarah J. Pastrana, M.S.

**Recent Advances in Teaching Social and Communication Skills to Individuals With Autism Spectrum Disorder**

Chair: Sarah J. Pastrana (University of British Columbia)  
Discussant: Lorraine Otte (Endicott College)

**College Students With Autism Spectrum Disorder: Assessing and Teaching Conversation Skills**  
CHRISTINE STIEHL, Taylor Custer, Brittany Zey, and Dorothea C. Lerman (University of Houston-Clear Lake)

**Improving Conversation Skills of Adults With Autism in a Group Setting via Computer-Based Training**  
TAYLOR CUSTER, Christine Stiehl, and Dorothea C. Lerman (University of Houston-Clear Lake)

**Effects of Joint Video Modeling on Verbalizations of Children With Autism Spectrum Disorder**  
ANA DUENAS GARCIA and Josh Plavnick (Michigan State University)

**Comparison of Response-Contingent Stimulus Pairing and Operant Discrimination Training to Establish Vocal Stimuli as Reinforcers**  
SARAH J. PASTRANA (University of British Columbia) and Laura L. Grow (Garden Academy)

## #248 Symposium

11:00 am–12:50 pm  
Manchester Grand Hyatt, Seaport Ballroom F  
AUT/AUT; Applied Research  
BACB CE Offered. CE Instructor: Brooke Diane Walker, M.S.

**Emerging Reliability and Validity Properties of the PEAK Relational Training System**

Chair: Mariah Patz (Southern Illinois University)  
Discussant: Seth W. Whiting (Central Michigan University)

**An Updated Analysis of the Reliability, Validity, and Effectiveness of the PEAK Relational Training System: Relationships to Intelligence, Executive Functioning, and Internal Construct Validity**  
BECKY BARRON, Dana Paliliunas, and Mark R. Dixon (Southern Illinois University)

**The Relationship Between the PEAK Direct Training Pre-Assessment and Indirect Assessment and Implications for Clinical Practice**  
HAYDEN RIZER, Laura-Katherine K. Barker, Robyn Brewer, Breanna Newborne, and Madeline Potter (The University of Southern Mississippi) and James Moore (The University of Southern Mississippi; Canopy Children's Solutions)

**Assessing Performance on the PEAK Equivalence Module Pre-Assessment in a Normative Sample and a Sample of Children With Autism**

KYLE E. ROWSEY (University of Southern Mississippi) and Jordan Belisle and Caleb Stanley (Southern Illinois University)

**An Investigation of the Validity of PEAK Transformation: An Assessment of Relational Responding, Normative Sampling, and IQ**  
BROOKE DIANE WALKER (Invo-Progressus Therapy) and Mark R. Dixon (Southern Illinois University)

## #249 Symposium

11:00 am–12:50 pm  
Manchester Grand Hyatt, Grand Hall A  
DDA/AUT; Applied Research  
BACB CE Offered. CE Instructor: Megan A. Boyle, Ph.D.

**Communication-Based Interventions: Refinements and Extensions**

Chair: Megan A. Boyle (Missouri State University)  
Discussant: Tyra P. Sellers (Utah State University)

**Comparison of Naturalistic and Arranged Discriminative Stimuli During Schedule Thinning Following Functional Communication Training**

MEGAN A. BOYLE, Kara Forck, Kaitlin Curtis, and Brittany Fudge (Missouri State University)

**Evaluating the Effect of Establishing Operations on Response Acquisition During Functional Communication Training**

JOSEPH MICHAEL LAMBERT, Jessica Torelli Roane, Nealetta Houchins-Juarez, Savannah Tate, and Jessica Lee Paranczak (Vanderbilt University)

**Teaching the Mand, "When?" to Children With Autism Spectrum Disorder**

TALIA CRABB, Tina Sidener, April N. Kisamore, and Kenneth F. Reeve (Caldwell University)

**Parent-Implemented Multiple Schedules**

CLAUDIA CAMPOS, Sarah E. Bloom, Anna Garcia, and Jennifer Rebecca Weyman (University of South Florida)

## #250 Symposium

11:00 am–12:50 pm  
Manchester Grand Hyatt, Coronado Ballroom DE  
DEV/PRA; Applied Research  
BACB CE Offered. CE Instructor: Raymond G. Miltenberger, Ph.D.

**Behavioral Coaching Methods to Improve Sport and Fitness Performance**

Chair: Kimberley L. M. Zonneveld (Brock University)  
Discussant: Raymond G. Miltenberger (University of South Florida)

**Comparison of TAGteach Error-Correction Procedures to Teach Beginner Yoga Poses to Novice Adult Practitioners**

TALIA MARIA ENNETT, Kimberley L. M. Zonneveld, Kendra Thomson, and Tricia Corinne Vause (Brock University)

**Improving Passing Performance of Women's College Lacrosse Players**

JESSE DEPAOLO, Nicole Gravina, and Ada C. Harvey (Florida Institute of Technology)

**The Effect of Behavioral Skills Training on Shot Performance in Field Hockey**

KELSEY O'NEILL and Raymond G. Miltenberger (University of South Florida)

**Using Auditory Feedback to Improve Striking for Mixed Martial Artists**

FRANK KRUKUASKAS and Raymond G. Miltenberger (University of South Florida) and Paul F. Gavoni (Kaleidoscope Interventions)

## #251 Invited Symposium

11:00 am–12:50 pm  
Marriott Marquis, Marina Ballroom G  
OBM  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Ramona Houmanfar, Ph.D.

**Human Competence Revisited: 40 Years of Impact**

Chair and discussant: Ramona Houmanfar (University of Nevada, Reno)

**Gilbert and the Educational Revolution**

MARILYN B. GILBERT (University of North Texas)



Marilyn Gilbert studied Latin and mathematics at Montclair University in New Jersey. Her MA from Columbia University was in English and Comparative Literature. But it was a marriage that brought her to behavior analysis. There, she has applied editing and technical writing skills she learned while working in Boston's key engineering firms. She edited the first edition of *Schedules of Reinforcement*, by Charles B. Ferster and B. F. Skinner. In Indianapolis, she became 'mother' of *JEAB* after editing and typing the first two editions. She then continued to edit *JEAB* for the next five years. Tom Gilbert named Marilyn Mathetisist 1, as she and Tom became partners in both life and work. She edited all his writings, including *Human Performance*, and she and Tom wrote



*Thinking Metric* together. She has published several textbooks on math and writing. Currently, she teaches writing English by ear online at the University of North Texas and plans to publish a textbook for students. She has also developed a course on Tom's *Levels of Performance* for Tucci Learning's new Teaching Machine. She also hopes to publish unpublished writings that Tom has left for behavior analysts everywhere to read and to use.

**Abstract:** This presentation will provide an overview of the Gilberts' contribution to instructional design technologies that have revolutionized teaching practices in many educational settings. Gilberts' model focuses on designing the environment in which the student learns instead of changing the student. With the behavior engineering model, those responsible for performance improvement and maintenance can diagnose for, make priorities among, and plan performance improvement solutions in the classroom.

#### **The Legacy of Tom Gilbert's Accomplishment Based Performance Improvement** CARL V. BINDER (The Performance Thinking Network, LLC)



Dr. Carl Binder is CEO of The Performance Thinking Network, LLC, where he develops performance consultants, leaders and managers in organizations worldwide. Starting in 1970 as a student with B.F. Skinner at Harvard, he worked for ten years in B.H. Barrett's Behavior Prosthesis Lab, conducting laboratory and classroom research and training teachers. An early contributor to Precision Teaching, he was mentored by Ogden Lindsley and Eric Haughton. In 1982, he founded his first consulting firm, Precision Teaching and Management Systems, Inc., and became active in the International Society for Performance Improvement (ISPI) where his mentors included Tom Gilbert, Joe Harless, Robert Horn and Donald Tosti. He founded Product Knowledge Systems, Inc., a Boston consulting firm specializing in sales enablement for Global 1000 companies. Carl is currently known for Six Boxes Performance Thinking, a plain English viral approach to organizational performance improvement. APA Division 25 honored Carl with the Fred S. Keller Award (2004), ISPI recognized his contributions to performance improvement with Honorary Lifetime Membership (2009) and the Thomas F. Gilbert Award (2012), and the OBM Network gave him its Lifetime Achievement Award (2015). Contact Carl at carlbinder@sixboxes.com and learn more about his work at [www.sixboxes.com](http://www.sixboxes.com) and [www.fluency.org](http://www.fluency.org)

**Abstract:** Tom Gilbert replaced what he called "the cult of behavior" with a focus on valuable accomplishments produced by behavior, a major contribution that launched a seismic shift for those who followed. This shift has been challenging, not only for applied behaviorists, but also for ordinary people. We are more accustomed to observing and discussing behavior, whether precisely or not, than identifying the valuable accomplishments produced by that behavior, especially when the accomplishments are less tangible than deliverables or widgets, for example decisions, relationships, or recommendations. Another of Gilbert's major contributions, the behavior engineering model, extended the variables of behavior influence from contingencies of reinforcement to a framework including physical and social elements of the work environment, prior repertoire, variations in reinforcement value, and other factors that are seldom relevant in research with starved laboratory animals in simplified experimental chambers. But Gilbert's labels for the cells in his behavior engineering model were not self-explanatory, and open to interpretation, challenging consistent comprehension, communication, and application. The presenter has adapted and refined these two contributions—a focus on accomplishments and a more complete model of behavior influences—using simple visual models and user-tested plain English to enable rapid communication and collaboration among performance experts, their clients and stakeholders. This presentation describes developments based on Gilbert's contributions, as they have evolved over several decades, and summarizes practical implications for enabling leaders, managers, performance professionals, and individual contributors at any level and in any function in organizations to collaborate for continuous performance improvement.

#### **Mathetics for Instructional Design and Delivery** KENT JOHNSON (Morningside Academy)



Dr. Kent Johnson founded Morningside Academy, in Seattle, Washington, in 1980, and currently serves as its executive director. Morningside is a laboratory school for elementary and middle school children and youth. Morningside investigates effective curriculum materials and teaching methods, and has provided training and consulting in instruction to over 140 schools and agencies throughout the USA and Canada since 1991. Over 50,000 students and over two thousand teachers have used the Morningside Model of Generative Instruction. Dr. Johnson is also a co-founder of Headsprout, Inc., a company that develops web-based, interactive, cartoon-driven instructional programs, including Headsprout Early Reading and Headsprout Reading Comprehension. Examine them at [www.headsprout.com](http://www.headsprout.com). Dr. Johnson is recipient of the 2001 Award for Public Service in Behavior Analysis from the Society for the Advancement of Behavior Analysis, the 2010 Edward L. Anderson Award in Recognition for Exemplary Contributions to Behavioral Education from the Cambridge Center for Behavioral Studies, the 2009 Ernie Wing Award for Excellence in Evidence-based Education from the Wing Institute, the 2006 Allyn and Bacon Exemplary Program Award from the Council for Exceptional Children, Division for Learning Disabilities, and the 2011 Ogden R. Lindsley Lifetime Achievement Award in Precision Teaching from the Standard Celeration Society.

**Abstract:** Although only briefly mentioned in Human Competence, Tom Gilbert wrote extensively about his method for teaching learners new concepts, principles, facts and skills, which he called mathetics. Mathetics included a generic instructional delivery procedure with three phases: (a) demonstrating skills, concepts, and principles to learners; (b) guiding learners as they practice; and (c) testing students to see if they have achieved mastery. Mathetics also incorporated procedures for designing instructional materials, such as how to identify and organize stimuli and responses from instructional goals, and how to incorporate behavioral procedures such as shaping and back chaining during instruction. I will describe mathetics and how it has been adapted as the core of instructional delivery in Engelmann's Direct Instruction and our own Morningside Model of Generative Instruction (MMGI). I will also describe the content of two important unpublished chapters that Gilbert wrote, which contain new ideas and procedures for mathetical design and delivery.

#### **Gilbert's Behavioral Engineering Methodology as Foundation for Behavioral Systems Engineering: Control Systems to Interlock Behavior** MARK P. ALAVOSIUS (Praxis2LLC)



Mark P. Alavosius, Ph.D. is President of Praxis2LLC, providing behavior science to high performance organizations. He is a graduate faculty in psychology at the University of Nevada, Reno and was a faculty member at Western Michigan University and West Virginia University. He earned his BA from Clark University (1976) MS (1985) and Ph.D. (1987) in psychology from the University of Massachusetts at Amherst. He is on the editorial boards of the Journal of Organizational Behavior Management and Behavior and Social Issues. He was president of the Nevada Association for Behavior Analysis and program coordinator for the CSE (Community, Social, Ethics) area of ABAI. He helped found BASS (Behavior Analysis for Sustainable Societies, an ABAI SIG) and served as the first chairperson. He has been a Trustee of the Cambridge Center for Behavioral Studies for many years and chaired their Commission for the Accreditation of behavioral safety programs from 2010–2016. His interests are in developing behavioral systems to improve work performance in the areas of health, safety and the environment. Dr. Alavosius was PI of Small Business Innovations Research Grants from CDC/NIOSH to test behavioral safety technologies for small employers. Dr. Alavosius has over 30 publications and 150 conference presentations.

**Abstract:** In high reliability organizations (HROs), procedural adherence to highly structured work plans is crucial to achieving organizational goals and averting catastrophes. BP's oil rig disaster in the Gulf of Mexico (Macondo) was a bellwether event signaling the importance of managing interlocking human factors in HROs. Gilbert's BEM and vantage points provide a strong foundation for behavioral systems engineering to establish and maintain adherence to work routines in highly engineered, highly technical environments (e.g., aviation, nuclear power, oil & gas exploration, medicine). Two behavioral challenges face managers of HROs. First, crews need to follow well established procedures with little deviation to achieve milestones. Second, on occasion, crews encounter anomalies not addressed in standard work instructions. During these crises, crews must stop following standard procedures, assess changing conditions and adapt their behavior to the unexpected events in order to avert catastrophe. Behavioral systems engineering integrates human behavior with automated systems to adapt complex processes to changing contexts. Thus management of human behavior is one factor in a highly engineered system that can be designed to respond to both challenges (maintain routines, adjust to crises). This paper considers Gilbert's analysis for designing control systems of crew members' behavior in HROs.

#### **#252 Symposium**

11:00 am–12:50 pm  
Marriott Marquis, Marina Ballroom F  
PCH/PRA; Theory  
BACB/QABA CE Offered. CE Instructor: Joshua K. Pritchard, Ph.D.

#### **ABA and the Ethics of Neurodiversity**

Chair: Shawn P. Quigley (Melmark)  
Discussant: Joshua K. Pritchard (Southern Illinois University)

#### **Are Neurodiversity and ABA Compatible?**

ABRAHAM GRABER and Jessica Emily Graber (University of Texas at San Antonio)

#### **Mentalistic Explanations for Autistic Behavior: A Behavioral Phenomenological Analysis**

DON DAVIS (San Antonio Independent School District)

#### **An Analysis of Autism as a Functional Tint of the Environment**

LEE L. MASON (University of Texas at San Antonio)

#### **How "Special" Education Impedes Social Justice for Individuals With Disabilities**

ALONZO ALFREDO ANDREWS (University of Texas at San Antonio)

## #253 Symposium

11:00 am–12:50 pm  
Marriott Marquis, San Diego Ballroom A  
PCH/TBA; Service Delivery  
BACB CE Offered. CE Instructor: Edward K. Morris, Ph.D.

### Giving the History of Behavior Analysis Away in Teaching Behavior Analysis

Chair: Edward K. Morris (The University of Kansas)  
Discussant: Philip N. Heline (Temple University - Emeritus)

**A Course on the History of Behavior Analysis**  
EDWARD K. MORRIS (The University of Kansas)

**Conceptual Foundations: The Historical Development of Radical Behaviorism**  
JAY MOORE (University of Wisconsin - Milwaukee)

**Experimental Analysis of Behavior: Confluences of Science and History in the EAB Course**  
KENNON ANDY LATTAL (West Virginia University)

**Applied Behavior Analysis: History of Behavior Analysis in ABA**  
STEPHANIE M. PETERSON (Western Michigan University)

## #254 Symposium

11:00 am–12:50 pm  
Manchester Grand Hyatt, Seaport Ballroom A  
PRA/EAB; Service Delivery  
BACB CE Offered. CE Instructor: SungWoo Kahng, Ph.D.

### Translational Research in Applied Behavior Analysis

Chair: Jessica Catherine McCormack (University of Auckland)  
Discussant: SungWoo Kahng (University of Missouri)

**Differential Reinforcement of Other Behavior Versus Response Cost: Effects of Several Variables in Token Economies**  
Faith Reynolds, Sarah E. Bloom, JENNIFER REBECCA WEYMAN (University of South Florida)

**Effects of Varied Response Options and Serial Training on Resurgence**  
CLAUDIA C. DIAZ-SALVAT (West Virginia University) and Claire C. St. Peter (West Virginia University)

**Stimulus Complexity as a Moderator of the Differential Outcomes Effect**  
JESSICA CATHERINE MCCORMACK, Javier Virues Ortega, and Douglas Elliffe (University of Auckland)

**The Effect of Differential Outcomes Pre-Training on Tact Acquisition**  
Jessica Catherine McCormack, AGUSTIN GONZALO PEREZ-BUSTAMANTE, Javier Virues Ortega, and Douglas Elliffe (University of Auckland)

## #255 Symposium

12:00 pm–12:50 pm  
Marriott Marquis, Marina Ballroom D  
AAB/PRA; Service Delivery  
BACB CE Offered. CE Instructor: Terri M. Bright, Ph.D.

### Extending Functional Analysis and Treatment to Nonhuman Animals

Chair: Terri M. Bright (MSPCA Angell)

**Functional Analysis and Treatment of Visual Fixation in a Border Collie**  
LINDSAY RENEE MEHRKAM (Monmouth University) and Victoria Self, Nicole R. Dorey, and Timothy R. Vollmer (University of Florida)

**Functional Analysis and Treatment of Self-Injurious Feather Plucking in a Black Vulture (*Coragyps atratus*)**  
KRISTEN LEE MORRIS and Sarah Slocum Freeman (Rollins College)

**A Functional Analysis and Treatment of a Domestic Pet Guinea Pig's Loud Squeaking Behavior**  
KIMBERLY TRUONG (SEEK Education), Michele D. Wallace (California State University, Los Angeles), and James E. King (SEEK Education; University of Nevada, Reno)

## #257 Symposium

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Grand Hall B  
AUT/PRA; Applied Research  
BACB CE Offered. CE Instructor: Meme Hieneman, Ph.D.

### Evaluating Behavioral Parent Education Programs to Improve Family Routines for Children With Autism

Chair: Meme Hieneman (Positive Behavior Support Applications)  
Discussant: Laura Lee McIntyre (University of Oregon)

**Randomized Comparison Trial to Evaluate Two Online Parent Education Programs Focused on Improving Family Routines for Children With Autism**  
MEME HIENEMAN (Positive Behavior Support Applications) and Jordan Pennefather (IRIS Educational Media)

**Concurrent Randomized Multiple Baseline Study to Evaluate a Mindfulness-Infused Behavioral Parent Education Program Focused on Improving Family Routines for Children With Autism**  
TRACY JANE RAULSTON (The Pennsylvania State University) and Patricia Zematic and Wendy A. Machalicek (University of Oregon)

## #258 Symposium

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Grand Hall D  
AUT; Applied Research  
BACB CE Offered. CE Instructor: Kevin J. Brothers, Ph.D.

### Parent Coaching Interventions to Build Relationships and Manage Health for Children With Autism

Chair: Emily Gallant (Caldwell University)  
Discussant: Sandra R. Gomes (Somerset Hills Learning Institute)

**A Coaching Intervention Package to Teach Parents Contingency Management of On-Task and Undesirable Behaviors of Their Children With Autism**  
KEVIN J. BROTHERS (Somerset Hills Learning Institute), Emily Gallant (Somerset Hills Learning Institute; Caldwell University), and Sandra R. Gomes and Caralyn Harris (Somerset Hills Learning Institute)

**A Nursing and Behavior-Analytic Collaboration to Teach Weight Management Skills to Parents of Children With Autism**  
DEBRA BROTHERS and Kevin J. Brothers (Somerset Hills Learning Institute); Emily Gallant (Somerset Hills Learning Institute; Caldwell University); and David Kelleher, Edgar D. Machado, and Jennifer Rodzinak (Somerset Hills Learning Institute)

## #259 Symposium

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Seaport Ballroom H  
AUT/PRA  
BACB CE Offered. CE Instructor: Ashley Marie Lugo, Ph.D.

### Evaluating the Effects of Pre-Session Pairing as an Antecedent Manipulation

Chair: Leny D. Velasquez Velasquez (Centre for Autism Services Alberta)  
Discussant: Mychal Machado (University of Alaska Anchorage)

**Effects of Pre-Session Pairing on the Value of Social Positive and Negative Reinforcement**  
ASHLEY MARIE LUGO (Southeast Missouri State University) and Natalia Giuffra (ABA Consulting Services)

**Evaluating the Effects of Pre-Session Pairing on Skill Acquisition**  
ALLISON JEANETTE WOLZ, Ashley Marie Lugo, and Lacey Duckworth (Southeast Missouri State University) and Melissa L. King (Southeast Missouri State University Autism Center)

## #260 Symposium

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Grand Hall C  
AUT/PRA; Service Delivery  
BACB CE Offered. CE Instructor: Stacie Bancroft, Ph.D.

### Behavior Analytic Strategies for Enhancing Quality of Life in Individuals With Developmental Disabilities

Chair: Stacie Bancroft (New England Center for Children; Western New England University)

**Generation of Contextually Relevant Stimulus Control for Initiation of Leisure Activities**  
STEPHANIE MUSE (New England Center for Children; Western New England University), Stacie Bancroft (New England Center for Children), Sean Ferris (New England Center for Children; Western New England University), and Elaina Strampach (New England Center for Children)

**When Teaching Leisure Isn't Enough: Increasing Preference for Leisure Activities by Embedding Natural Reinforcers**  
 FATIMA ZAHRAH ZAIDI and Stacie Bancroft (New England Center for Children; Western New England University), Adela Castellon (New England Center for Children), and Corey Anderson (New England Center for Children; Western New England University)

**Beyond Teaching Skills: A Model for Turning Skill Acquisition Into Employment**  
 KIMBERLY DIGGS and Kevin J. Schlichenmeyer (The Autism Community Therapists)

#### #261 Symposium

12:00 pm–12:50 pm  
 Manchester Grand Hyatt, Coronado Ballroom AB  
 CBM/DDA; Service Delivery  
 BACB CE Offered. CE Instructor: Jeannie A. Golden, Ph.D.

**Broadening the Lens of ABA: Understanding and Treating Psychopathic, Callous and Unemotional, and Anxious Behaviors**  
 Chair: Jeannie A. Golden (East Carolina University)

**The Development of Antisocial Behavior: Signs of Damage, Callous and Unemotional Traits, and Autism**  
 ANDRE V. MAHARAJ (Florida International University) and Logan McDowell (The Victory Center for Autism and Related Disabilities)

**Callous-Unemotional Traits: Learned Behavior Related to Motivating Operations**  
 JEANNIE A. GOLDEN and Kathryn Gitto (East Carolina University)

**Using Wearable Biomarker Technology to Address Stress, Anxiety, and Problem Behavior Among Individuals With Autism**  
 JESSE (WOODY) W. JOHNSON and Toni R. Van Laarhoven (Northern Illinois University) and Anna Hammond and Michael Carter (Glen Oaks Therapeutic Day School)

#### #262 Symposium

12:00 pm–12:50 pm  
 Marriott Marquis, San Diego Ballroom C  
 EAB; Basic Research

**Divided Control Over Behavior**  
 Chair: Sarah Cowie (University of Auckland)

**Frequency and Value in a Pigeon Suboptimal Choice Paradigm**  
 JEFFREY PISKLAK (University of Alberta), Margaret A. McDevitt (McDaniel College), Roger Dunn (San Diego State University), and Marcia Spetch (University of Alberta)

**Do Relative Reinforcer Rates Determine Divided Control by Conflicting Stimuli?**  
 STEPHANIE GOMES-NG, Douglas Elliffe, and Sarah Cowie (University of Auckland)

**Acquisition and Performance Processes of Divided Control Over Spatial Behavior in Pigeons**  
 AARON P. BLAISDELL (University of California, Los Angeles; Psychology & Brain Research Institute)

#### #263 Symposium

12:00 pm–12:50 pm  
 Marriott Marquis, Rancho Santa Fe 1-3  
 EAB; Basic Research  
 BACB CE Offered. CE Instructor: Tyler S Glassford, MSW

**Experimental Analysis of Gambling**  
 Chair: Tyler S Glassford (Saint Louis University)

**Let it Ride: Effect of Rules on Risky Bets**  
 TYLER S. GLASSFORD and Alyssa N. Wilson (Saint Louis University)

**Exploring Functional Relations of Gambling**  
 KRISTEN CHUVALA, Tyler S. Glassford, Alyssa N. Wilson, Emily Dzugan, and Shelby Bates (Saint Louis University)

**Losses Disguised as “Wins” and Slot Machine Preferences**  
 RYAN C. SPEELMAN (Pittsburg State University), Kyle E. Rowsey (University of Southern Mississippi), Mark R. Dixon (Southern Illinois University), and Karl Gunnarsson (Southern Illinois University, Carbondale)

#### #264 Panel Discussion

#### Supervision

12:00 pm–12:50 pm  
 Manchester Grand Hyatt, Harbor Ballroom G  
 EDC; Service Delivery  
 BACB CE Offered. CE Instructor: Christina Whalen, Ph.D.

**The Essential Need for RBT's in Schools**  
 Chair: Christina Whalen (RethinkEd)

ROZ PRESCOTT (Rethink)  
 XIOMARA LEE (Denver Public Schools)  
 KATHLEEN QUAGLINO (Stamford Public Schools)

#### #265 Symposium

12:00 pm–12:50 pm  
 Manchester Grand Hyatt, Harbor Ballroom HI  
 EDC/DDA; Applied Research  
 BACB CE Offered. CE Instructor: Helena Lydon, Ph.D.

**Computer Assisted Instruction: Evaluations of Headsprout and Edmark**  
 Chair: Helena Lydon (National University of Ireland Galway)

**The Edmark Reading Program: A Comparison of Computerized and Table Top Presentation in Reading Outcomes in Children With Autism Spectrum Disorder**  
 Amanda Nally and JENNIFER HOLLOWAY (National University of Ireland, Galway), Olive Healy (Trinity College Dublin), and Helena Lydon (National University of Ireland, Galway)

**Teaching Early Reading Skills to Young Adults With Moderate Intellectual Disabilities Using Headsprout Early Reading**  
 HELENA LYDON, Gemma Sheridan, Amanda Nally, and Jennifer Holloway (National University of Ireland, Galway)

**Investigating the Use of Headsprout Reading Programme by Parents in the Home Environment With Children With Autism Spectrum Disorder**  
 AMANDA NALLY and Jennifer Holloway (National University of Ireland, Galway), Olive Healy (Trinity College Dublin), and Helena Lydon (National University of Ireland Galway)

#### #266 Panel Discussion

12:00 pm–12:50 pm  
 Marriott Marquis, Marina Ballroom E  
 PCH; Service Delivery  
 BACB CE Offered. CE Instructor: Ellie Kazemi, Ph.D.

**Technology and Innovation in Behavior Analysis**  
 Chair: Ellie Kazemi (California State University, Northridge)

JANET S. TWYMAN (Center on Innovations in Learning)  
 JASON C. VLADESCU (Caldwell University)  
 FLORENCE D. DIGENNARO REED (The University of Kansas)

#### #267 Panel Discussion

12:00 pm–12:50 pm  
 Manchester Grand Hyatt, Seaport Ballroom C  
 PRA; Service Delivery  
 BACB CE Offered. CE Instructor: Ryan Lee O'Donnell, M.S.

**Social Media: The Power, Potentials, and Pitfalls of Networking, Ethics, and Finding Your Niche**  
 Chair: Corey L. Robertson (ABA Tech; Florida Tech)

RYAN LEE O'DONNELL (RYANO, LLC)  
 GIA BISCONTINI (Biscontini Behavior)  
 DIAH ASKARI (Behavior Man)

## #268 Panel Discussion

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Seaport Ballroom B  
PRA; Theory

### Expanding Horizons: Foundations, Challenges, and Progress of Clinical Behavior Analysis

Chair: Sam Leigland (Gonzaga University)

MICHAEL J. DOUGHER (University of New Mexico)  
PATRICK C. FRIMAN (Boys Town)  
WILLIAM C. FOLLETTE (University of Nevada, Reno)

## #269 Symposium

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Harbor Ballroom C  
TBA/CSS; Applied Research  
BACB CE Offered. CE Instructor: Melissa R. Nosik, Ph.D.

### It's All in How You Package It: The Impact of Different Methods of Disseminating ABA to the General Public

Chair: Ashley E. Bennett (Touchstone Health Services)  
Discussant: Melissa R. Nosik (Behavior Analyst Certification Board)

#### Disseminating Applied Behavior Analysis: The Effects of Using YouTube Videos on the Public's "Like" and "Dislike" Responses About Applied Behavior Analysis

HITOMI WADA (Instructional ABA Consultants), Fawna Stockwell (Upswing Advocates; The Chicago School of Professional Psychology), Ashley E. Bennett (Touchstone Health Services)

#### The Effects of Different Multimedia Presentations About Applied Behavior Analysis on the Responding of African American Adults

MAYA WILLIAMS (Helping Hand Center), Fawna Stockwell (Upswing Advocates; The Chicago School of Professional Psychology), and Ashley E. Bennett (Touchstone Health Services)

## #270 B. F. Skinner Lecture Series

Recorded

12:00 pm–12:50 pm  
Marriott Marquis, Grand Ballroom 7-9  
VRB  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Judah B. Axe, Ph.D.

### A Complex Adaptive Systems View of Language and Second Language Development

Chair: Judah B. Axe (Simmons College)

DIANE LARSEN-FREEMAN (University of Michigan; University of Pennsylvania)



Diane Larsen-Freeman (Ph.D., Linguistics, University of Michigan) is a professor emerita in linguistics and education at the University of Michigan, Ann Arbor, and a Professor Emerita at the Graduate SIT Institute in Brattleboro, Vermont. She is currently a Visiting Senior Fellow in Educational Linguistics at the University of Pennsylvania. Her books relevant to the B.F. Skinner lecture are *Language as a Complex Adaptive System* (co-edited with Nick Ellis, Wiley-Blackwell) and *Complex Systems and Applied Linguistics* (co-authored with Lynne Cameron, Oxford University Press). The latter won the Kenneth W. Mildenberger book prize, awarded

by the Modern Language Association.

**Abstract:** Language is a complex adaptive system (CAS). Its evolution, development in learners, and use are historically contingent and emergent. Its patterns emerge from social interaction in an environment, which both structures and is structured by iterative language use. Frequently-occurring patterns provide the system some stability; however, change is immanent in the system, brought about by its users co-adapting to an ever-changing environment. It is this co-adaptation that is the source of creativity and innovation in meaning making in a pragmatically appropriate manner. This view of language as a CAS represents a challenge to more traditional views of second language development. It suggests that there is neither linguistic innateness nor an endpoint to the development, certainly not one that is isomorphic with native speaker use. It at least partly explains why there is ubiquitous variability in the process and why given the nature of the process the learner's linguistic system is free to develop along alternative trajectories. These claims will be supported with both corpus and longitudinal developmental data.

## #271 Poster Session

1:00 pm–3:00 pm  
Marriott Marquis, Grand Ballroom 1-6  
EAB  
Chair: Carlos Cancado (Universidade de Brasília)

*Discussant: Laura L. Grow (Garden Academy)*

**1. An Evaluation of Training and Testing Procedures Designed to Facilitate the Emergence of Early Probe Performances Following Simple Discrimination Training in Young Children** (Basic Research) CONNOR SHEEHAN, Carol Pilgrim, Anna Reeves Shepherd, and Richelle Elizabeth Hurtado (University of North Carolina Wilmington)

**2. A Further Evaluation of Successive Matching-to-Sample in Establishing Equivalence Classes** (Basic Research) KARINA ZHELEZOGLO, Timothy G. Howland, Areli Perez, and Caio F. Miguel (California State University, Sacramento)

**3. Insertion of Silhouettes, Icons, and Arbitrary Members Into Visual Stimulus Categories Learned by Capuchin Monkeys** (DEV; Basic Research) OLAVO DE FARIA GALVÃO, Icaro Pereira, Kaimon Borges, Victoria Costa, Ana Leda Brino, and Paulo R. K. Goulart (Federal University of Para State)

**4. Emotions and False Memories** (Basic Research) NATALIA MARIA AGGIO and Julio C. De Rose (Federal University of São Carlos)

**5. Developing a Novel Preparation to Analyze the Onset of Derived Stimulus Relations** (Basic Research) CASEY MCKOY IRWIN and Adam H. Dougherty (College of Charleston)

**6. Do Names Given to Stimuli by Participants Become Part of Equivalence Classes?** (VRB; Basic Research) ALEKSANDER VIE (Østfold University College) and Erik Arntzen (Oslo and Akershus University College)

**7. The Effects of Mixing Baseline Among Emergent Test Trials on Equivalence Class Formation in Adults** (Basic Research) VANESSA AYRES PEREIRA and Erik Arntzen (Oslo and Akershus University College)

**8. Effects of Instructions on Stimulus Equivalence Responding** (Basic Research) ANNIKA POULSEN and Erik Arntzen (Oslo and Akershus University College)

**9. Attending to Compound Stimuli and Stimulus Equivalence** (Basic Research) LIVE FAY BRAATEN and Erik Arntzen (Oslo and Akershus University College)

**10. Experimental Verification of Urcuioli's Theory of Pigeons' Equivalence-Class Formation** (Basic Research) MASAKI ISHIZUKA and Tetsumi Moriyama (Tokiwa University)

*Discussant: Karen M. Lionello-DeNolf (Assumption College)*

**11. Equivalence Class Formation as a Function Pre-Training of Verbal Operants** (VRB; Basic Research) MARILEIDE ANTUNES OLIVEIRA (Faculdades do Vale do Juruena - AJES) and Erik Arntzen (Oslo and Akershus University College)

**12. Equivalence Class Formation and the EEG-Based N400 Component** (BPN; Basic Research) GURO DUNVOLL (Oslo and Akershus University College; Akershus University Hospital; Oslo University Hospital), Erik Arntzen (Oslo and Akershus University College), Torbjørn Elvsåshagen (Oslo University Hospital), and Eva Malt (Akershus University Hospital)

**13. On the Function of Including New Stimuli in a Sorting Test** (EDC; Basic Research) ANNE WESTGËD and Erik Arntzen (Oslo and Akershus University College)

**14. Effects of Differential Order of Exposure to Test Phases on Emergence of Equivalence Relations** (Basic Research) LUIS CARLOS FONSECA LEON (Center for Behavior Studies and Research, University of Guadalajara)

**15. What is the Nature of the Consequence That Controls Our Eye Movements?** (Basic Research) SOHIR RAHMOUNI (Université de Lille), Anna Montagnini (Aix Marseille Université), and Laurent Madelain (Université de Lille; Aix Marseille Université)

**16. Pigeons' Refraining From Eating Varies With Degree of Stimulus Control** (Basic Research) BRENDA ESTELA ORTEGA and Raul Avila (Universidad Nacional Autónoma de México) and Leonard Green (Washington University)

**17. The Effect of a Proprioceptive Musical Interface and Methods of Musical Instruction on the Acquisition of Unprompted Pitch Discrimination: A Proposal for Further Research** (EDC; Applied Research) BENJAMIN REYNOLDS and Linda J. Parrott Hayes (University of Nevada, Reno)

**18. Discriminative Control by Elements of Visual Compound Stimuli in Bees (*Melipona quadrifasciata*)** (Basic Research) DEISY DE SOUZA and Natália Rodrigues Biscassi (Universidade Federal de São Carlos) and Antonio Mauricio Moreno (Universidade Estadual do Sudoeste da Bahia)

**19. Determinants of Remembering in an Incrementing Non-Matching-to-Sample Task in Rats** (BPN; Basic Research) KATHERINE ELY BRUCE, Shandy Nelson, Thomas Wagner, Nicole Westrick, Bobbie Wolff, and Mark Galizio (University of North Carolina Wilmington)

**20. Discrimination of Illuminance by Sprague Dawley Rats** (Basic Research) CORY WHIRTLEY, Forrest Toegel, and Michael Perone (West Virginia University)

*Discussant: Martha Costa Hübner (University of São Paulo)*

**21. On the Robustness of Additive Summation** (Basic Research) ERIC JAMES FRENCH and Mark P. Reilly (Central Michigan University)

**22. Exploring Stimulus Control of Relatives Name, Picture, and Family Relation in a Patient With Vascular Dementia** (Basic Research) HANNA STEINUNN STEINGRIMSDOTTIR, Erik Arntzen, Anette Brogård Antonsen, and Silje Boye-Hansen (Oslo and Akershus University College)

**23. Generalization of a Stimulus Delta Across a Temporal Continuum** (Basic Research) CHARLENE AGNEW, Julia Iannaccone, Rika Ortega, Anna Budd, Verena Bethke, and Julia Brodsky (The Graduate Center, City University of New York) and Robert N. Lanson (Queens College, City University of New York)

**24. Observing Matching-to-Sample Performance and Subsequent Stimulus Sorting** (EDC; Basic Research) ERIK ARNTZEN and Justice Mensah (Oslo and Akershus University College)

**25. Transfer of Faces Expressing Emotions in Simultaneous and Delayed Matching-to-Sample** (Basic Research) JON MAGNUS EILERTSEN and Erik Arntzen (Oslo and Akershus University College)

**26. Associative Learning in Babies: Higher-Order Conditioning Without Verbal Skills** (VRB; Basic Research) CHARLOTTE RENAUX, Vinca Riviere, and Paul Craddock (Université de Lille) and Ralph R. Miller (State University of New York, Birmingham)

**27. The Effect of Individual Punishment on Cultural Selection** (PRA; Basic Research) DYEGO DE CARVALHO COSTA (Universidade de Brasília; Universidade Estadual do Piauí) and Bruna Maria Barbosa da Silva França and Roberta Lemos (Universidade de Brasília)

**28. A Review of Applications of Progressive-Ratio Schedules** (AUT; Basic Research) LINDSAY LLOVERAS and Shawn J. Janetke (New England Center for Children; Western New England University) and Jason C. Bourret (New England Center for Children)

**29. Shifting Preference With Within-Trial Contrast: Implications for Motivating Operations** (Basic Research) BAILEY KING (King Therapies, LLC) and James Nicholson Meindl, Elizabeth Walsh, and Neal Miller (The University of Memphis)

**30. Collateral Behavior During DRL Schedules: A PORTL Replication of Bruner & Revusky (1961)** (Basic Research) JESSICA AUZENNE and Leah Herzog, Mary Elizabeth Hunter (The Art and Science of Animal Training), and Jesus Rosales-Ruiz (University of North Texas)

*Discussant: Tyler S. Glassford (Saint Louis University)*

**31. Free-Operant Avoidance: A PORTL Replication of Sidman (1953)** (Basic Research) WILLIAMS ADOLFO ESPERICUETA and Tomas Urbina, Mary Elizabeth Hunter (The Art and Science of Animal Training), and Jesus Rosales-Ruiz (University of North Texas)

**32. Evaluating the Use of a Humanoid Robot to Study Human Operant Behavior** (PCH; Basic Research) MICHELLE ISABEL PADILLA, Ellie Kazemi, and Victor Ramirez (California State University, Northridge) and Anne C. Macaskill (Victoria University of Wellington)

**33. Within-Subject Validation of Academic Constraints on Alcohol Purchasing** (BPN; Basic Research) MATTHEW E. ANDRZEJEWSKI, Ryan Powers, Nate David Popodi, Logan Wild, Jolee Marie Zizzo, Abigail Schmidt, Kane Poad, and Mackenzie Kropidowski (University of Wisconsin-Whitewater)

**34. Fine-Grained Reaction Time and Accuracy Comparison of Positive and Negative Reinforcement Contingencies** (BPN; Basic Research) OWEN JAMES ADAMS, Daniele Ortu, and Traci M. Cihon (University of North Texas)

**35. Modeling the Effects of Distance Requirements on Responding During a Human Operant Task** (Basic Research) WILL FLEMING (University of Nevada, Reno); Shea M. Lemley, Michael Sofis, and David P. Jarmolowicz (The University of Kansas); and Matt Locey (University of Nevada, Reno)

**36. An Effect Size Measure for Single Case Experimental Designs: Ratio of Distances** (Applied Research) MACK S. COSTELLO and Michael T. Carlin (Rider University)

**37. Effect of Credit Card Logos on the Consumer Item Price Estimated by Mexican College Students** (CSS; Applied Research) FELIPE ERNESTO PARRADO and Susana Barba (University of Guadalajara)

**38. Aggressive and Prosocial Conduct Between Couples Through the Handling of Models of Conduct** (CBM; Applied Research) ALEJANDRA MONTSERRAT RIVERA and Silvia Morales Chaine (Universidad Nacional Autónoma de México)

## #272 Poster Session

1:00 pm–3:00 pm

Marriott Marquis, Grand Ballroom 1-6

EDC

Chair: Robin Coddington (University of Minnesota)

*Discussant: Jesslyn Farros (CABA; Endicott College)*

**39. Direct Instruction Revisited** (CSS; Basic Research) ZAHIDA CHEBCHOUB (UAE University)

**40. Teaching Reading With Direct Instruction in an Icelandic Classroom: Treatment Fidelity** (PRA; Applied Research) ZULMA GABRIELA GABRIELA SIGURDARDOTTIR (University of Iceland) and Guðbjörg Vilhjálmssdóttir (City of Hafnarfjörður)

**41. Examining the Effectiveness of an Intervention That Combined Reread-Adapt and Answer-Comprehend and Positive Reinforcement on Reading Fluency in Elementary Students With Autism Spectrum Disorder** (PRA; Service Delivery) MAHA ALI ALGHAMDI and Xiuchang Huang (Duquesne University)

**42. Enhancing the Quality of Teacher Explanations Using Direct Instruction Practice Simulations and the Standard Celeration Chart** (Service Delivery) ADAM HOCKMAN (The Mechner Foundation)

**43. Investigation of the IES/NSF Protocol for Identifying Promising Evidence Through Lines of Research Inquiry** (Applied Research) BARBARA R. SCHIRMER (Walden University; Concenter Group), Alison Schirmer Lockman (Rowan University), and Todd N. Schirmer (Napa State Hospital)

**44. A Pilot Study of a “Skill/Will” Procedure to Improve Early Reading Screening Measures in Kindergarten** (Applied Research) BRED A V. O’KEEFE and Kristin Kladis (University of Utah), Kaitlin Bundock (Utah State University), and Kristen Stokes (University of Utah)

**45. Increasing Eye Contact and Reading Comprehension in Children With Autism** (Basic Research) MUNIRAH MCNEELY and Martha Pelaez (Florida International University)

**46. A Comparison of the Effects of Strategic Incremental Rehearsal and Listening Passage Preview Interventions on Target Word Reading** (Applied Research) NICOLE C. BRICKO, Allison Heifner, Elisabeth Kane, and Edward J. Daly (University of Nebraska-Lincoln)

**47. Using Self-Questioning to Improve Reading Comprehension for Students With Learning Disabilities** (Service Delivery) NOUF ALTAWHEEL (Old Dominion University)

**48. Effects of Instructional Strategies and Strategic Incremental Rehearsal on Letter Identification: An Experimental Analysis** (Applied Research) KRISTIN HATHAWAY (University of Missouri), Kelly M. Schieltz and Jessica Detrick (University of Missouri)

**49. Implementing Class-Wide Matching to Sample Instruction in Preschool Classrooms to Teach Early Literacy Skills** (PRA; Applied Research) JESSIE RICHARD (University of Cincinnati)

*Discussant: Nancy Marchand-Martella (University of Oklahoma)*

**51. Jolly Phonics: Learning to Read When All Else Fails!** (AUT; Applied Research) POOJA PANESAR (Kaizora Consultants)

**52. Impact of Reading Intervention on The Reading Achievement of Second Graders With Reading Risk** (Service Delivery) ABDULRAHMAN ALSULTAN and Ralph Gardner III (The Ohio State University)

**53. A Review of Meta-Analyses and Literature Reviews of Reading Interventions for Students With Emotional and Behavioral Disabilities** (EAB; Basic Research) ARGNUE CHITIYO (Tennessee Technological University)

**54. Effect of White Noise on Attention in College Students With Attention-Deficit Hyperactivity Disorder** (CBM; Applied Research) Brian Davis and CARL MERLE JOHNSON (Central Michigan University)

**55. Pilot Study: Effects of Technology Breaks on Media Multitasking With College Students** (Applied Research) KENDRA GUINNESS, Lauren Beaulieu, and Jacquelyn M. MacDonald (Regis College)

**56. Cultural Adaptation and Validation of One Academic Procrastination Scale in a Mexican Sample** (VRB; Applied Research) HITOMY EDITH MATSUDA WILSON, Maria Antonia Padilla Vargas, Cristiano Dos Santos, and Carlos Martinez (University of Guadalajara); Claudia Vega (Iteso); and Porfirio Gutiérrez (University of Guadalajara)



**57. Interdependent and Individual Group Contingencies in College Classrooms** (EAB; Applied Research) KAREN M. LIONELLO-DENOLF (Assumption College) and Marcelo Frota Lobato Benvenuti (Universidade de São Paulo)

**58. Inter-teaching: Effects of Preparation Guide “Checks” and Random Partner Assignment** (EAB; Applied Research) MATTHEW E. ANDRZEJEWSKI, Ryan Powers, and Nate David Popodi (University of Wisconsin-Whitewater)

*Discussant: P. Raymond Joslyn (Berry College)*

**59. Impact of Elaborate Feedback on Learning: Can Emerging Technology in Media Communication Enhance Our Impact?** (Applied Research) RITA OLLA and Ramona Houmanfar (University of Nevada, Reno) and Jose Árdila (University of Nevada)

**60. Is It Errorless: A Replication and Extension of Terrace (1963) With Humans** (Basic Research) MAASA NISHIMUTA, Sarah Sumner, and Jesus Rosales-Ruiz (University of North Texas)

**61. When Should You Provide Prompts: An Investigation Using PORTL** (Basic Research) JESSICA WINNE, Mary Elizabeth Hunter (The Art and Science of Animal Training), and Jesus Rosales-Ruiz (University of North Texas)

**62. Comparing Numbered Heads Together With and Without Peer Led Opportunities to Respond** (AUT; Applied Research) Carla T. Schmidt (University of Cincinnati) and TODD HAYDON (CECH; University of Cincinnati)

**63. Decreasing Impulsivity and Improving Performance of College Students Using Mindfulness and Values-Based Strategies** (Applied Research) DANA PALILIUNAS, Jordan Belisle, and Mark R. Dixon (Southern Illinois University)

**64. Teaching College Students to Identify Logical Fallacies Using Equivalence-Based Instruction** (Applied Research) KELLY ROUGHGARDEN, Carla Burji, and Matthew P. Normand (University of the Pacific)

**65. Using Precision Teaching to Increase Component Skills in Preparation for College Algebra** (Applied Research) KELSIA LAUREN KING, Caitlyn Taylor, Chandler Noelle Brock, Paris Coleman, Courtney S. Peppers-Owen, and Mary Kathryn Reagan (Jacksonville State University)

**66. Evaluation of Alpha and Beta Commands on Latency to Comply During Transitions With Young Children: A Preliminary Analysis** (EAB; Applied Research) SHELBY WOLF, Meredith Weber, and Gary Duhon (Oklahoma State University) and Kelly M. Schieltz (The University of Missouri)

**67. Effects of the Number of Training Pairs and the Integration of Conventional Morphology Segments in Transposition Responses in Literate Children** (DEV; Basic Research) ALEJANDRO LEON (Universidad Veracruzana), Isiris Guzman (Universidad Nacional Autónoma de México), and Anahi Luna (Universidad Nacional Autónoma de México)

#### #273 Poster Session

1:00 pm–3:00 pm  
Marriott Marquis, Grand Ballroom 1-6  
TBA  
Chair: Nicole Luke (Surrey Place Centre)

*Discussant: Ana Carolina Sella (Universidade Federal de Alagoa)*

**68. The Effects of Oral Quizzes on Written Exam Performance in an Online Course** (Applied Research) JUDAH B. AXE and Philip N. Chase (Simmons College), Megan Breault (RCS Learning Center; Simmons College), and Noelle Neault (Simmons College)

**69. Evaluation of Parent Training Participant's Behavior Analytic Knowledge and Skills Based on Parent Report Ratings** (CSS; Service Delivery) EMILY COHEN, Stephanie Lopez, and Marianne L. Bernaldo (Xcite Steps, LLC)

**70. Ethics in Ensuring Continued Supervision for Board Certified Behavior Analysts** (Service Delivery) Marianne L. Bernaldo, Xylene Contaoi, Lindsey Dodds, STEPHANIE LOPEZ, Molly Moell, and Sara Nelson (Xcite Steps, LLC)

**71. Enhancing Traditional Medical Education (and the Resulting Clinical Care) Using Behaviorally Based Principles** (PRA; Theory) RICHARD COOK (The Pennsylvania State University)

**72. Inter-teaching Online in Higher Education: Can Prep Guides Alone Enhance Standard Lectures?** (EDC; Applied Research) CATHERINE M. GAYMAN, Frank Hammonds, Christina Torres (Troy University)

**73. Using Remote Parent Training to Teach Positive Reinforcement** (AUT; Service Delivery) TIVA PIERCE, Jack Spear, and Yors A. Garcia (The Chicago School of Professional Psychology)

**74. Effect of Individual Work System on Students With Autism in a Chinese Special Education Classroom** (AUT; Applied Research) XIA CHENG (Beijing Normal University)

**75. Teaching Precursor Identification to Accurately Predict the Probability of Successful Demand Completion** (EDC; Applied Research) MINDY MILES, Nichole Feher, Heather Bernstein (Miles ABA Services)

**76. Tele-Health as a Parent Training Platform to Teach Verbal Operants to a Child With Autism** (AUT; Applied Research) GITA SRIKANTH and Swati Narayan (ABA India)

**77. Intervention Study of Vocal Mands and Aggressive Behavior Across Settings for a Child With Autism** (AUT; Applied Research) LONG XIAO YUE, Xia Cheng, Yanhong Liu (Educational Research Center for Children with Autism, Beijing Normal University)

**78. Comparing the Effects of Echoic Prompts and Echoic Plus Picture Prompts on Establishing Intraverbal Behavior for Children With Autism** (AUT; Applied Research) RUIHUA NIU (Binzhou Medical University), Sheng Xu (Chongqing Normal University), Lina Gilic (St. John's University), and Weiting Shao (Chongqing Normal University)

**79. Evaluating the Effects of a Tabletop Shaping Game: Undergraduate Students' Understanding of Basic Principles** (EDC; Applied Research) SZU CHI LIU, Rob J. Goodhue, and Traci M. Cihon (University of North Texas)

#### #274 Poster Session

1:00 pm–3:00 pm  
Marriott Marquis, Grand Ballroom 1-6  
CSS  
Chair: Thomas G. Szabo (Florida Institute of Technology)

*Discussant: Abigail B. Calkin (Calkin Consulting Center)*

**80. The Safety of Children in Shopping-Carts: Direct Replications and Extensions** (OBM; Applied Research) ZULMA GABRIELA GABRIELA SIGURDARDOTTIR (University of Iceland) and Arni Thor Eiríksson (independent)

**81. Assessing Delay-and-Probability Discounting of Legal Outcomes Among Young Adults** (EAB; Basic Research) JOHN FALLIGANT (Auburn University), Sacha T. Pence (Drake University)

**82. Creating a Video Model to Teach Police Compliance Strategies to Individuals With Autism Spectrum Disorder** (Applied Research) JORDAN DEBRINE (University of New Mexico)

**83. Stop Right There!: Teaching Individuals Diagnosed on the Autism Spectrum Disorder to Safely Respond to Law Enforcement** (DDA; Service Delivery) MARIANNE L. BERNALDO (Xcite Steps, LLC)

**84. Effects of Deposit Contracts on Exercise in Sedentary Adults** (Service Delivery) KELLY NYEIN and Chris Krebs (Florida Institute of Technology)

**85. The Effects of Heart Rate Feedback on Participant's Physical Activity During Treadmill Exercise** (Applied Research) CHRISTOPHER M. ROSADO, Chrystal Jansz Rieken, and Jack Spear (The Chicago School of Professional Psychology)

**86. A Meta-Analysis of Bullying: Previous Research in Psychological and Behavioral Literature** (Applied Research) JENNIFER BELLOTTI, Julie A. Ackerlund Brandt, Angela D. Barber, Holly Bruski, Jamine Dettmering, and Becca Yure (The Chicago School of Professional Psychology)

**87. An Evaluation of Delayed Discounting Values in Overweight and Obese Men and Women** (EAB; Basic Research) CHRISTOPHER M. ROSADO and Julie A. Ackerlund Brandt (The Chicago School of Professional Psychology)

**88. The Mediator Role of Anger Expression Styles Between Experiencing Parental Psychological Aggression and Psychological Dating Aggression Perpetration Among College Students** (Basic Research) LEYLA ERGUDER (University of North Texas) and Zeynep Hatipoglu-Sümer (Middle East Technical University)

**89. Using Stimulus Equivalence to Teach English to Parents in the Latino Community** (EDC; Applied Research) ANDREA O'HEA and Amanda Guld Fisher (Temple University)



## #275 Poster Session

1:00 pm–3:00 pm

Marriott Marquis, Grand Ballroom 1-6

OBM

Chair: Douglas A. Johnson (Western Michigan University)

*Discussant: Manuel A. Rodriguez (ABA Technologies, Inc.)*

**90. Teaching Staff Self-Monitoring and De-Escalation Techniques to Improve Retention** (PRA; Applied Research) DYLAN PALMER (Judge Rotenberg Educational Center; Simmons College)

**91. Implementing Telehealth Systems Across a Three-Tiered Positive Behavior Support Model to Support Rural Organizations** (CSS; Service Delivery) ERIN J. WATTS, Stephanie Sarah Benson, Rachel L. Freeman, and Jessica J. Simacek (University of Minnesota)

**92. Use of Caregiver Feedback to Enhance BCBA Performance** (PRA; Service Delivery) Stefanie Fillers, NICOLE MCLAINE, and Hannah Fletcher (APEX Behavioral Consulting, LLC)

**93. Total Performance System for Coaching** (EDC; Service Delivery) JODIE SORACCO, Kathryn M. Roose, and Kaci Fleetwood (University of Nevada, Reno)

**94. An Examination of Graphic Characteristics Displayed to Direct Care Staff: Preference and Comprehension** (Applied Research) SAMANTHA HARDESTY and Phillip Orchard (Kennedy Krieger Institute) and Lynn G. Bowman (Kennedy Krieger Institute; Johns Hopkins University School of Medicine)

**95. An Evaluation of Feedback and Response Cost on the Reduction of Time Clock** (Applied Research) PHILLIP ORCHOWITZ and Samantha Hardesty (Kennedy Krieger Institute) and Lynn G. Bowman (Kennedy Krieger Institute, Johns Hopkins University School of Medicine)

**96. Improving Staff Performance of Program Implementation Using Supervisor Feedback** (EDC; Service Delivery) SHANNA BAHRY, Christopher Michael Smith, John Claude Ward-Horner, and Joseph M. Vedora (Evergreen Center)

**97. Improving Treatment Fidelity in a Day Habilitation Center for Adults With Disabilities** (Service Delivery) NOHA ALMARZOOQ and Stuart M. Law (University of Nevada, Reno) and Mark Malady (High Sierra Industries)

**98. From Collecting Data to Data Based Decision Making: Using the Standard Celeration Chart to Evaluate the Success of Programs** (Service Delivery) AISHA ALHAFEEZ (University of Nevada, Reno), Mark Malady (Brohavior; HSI; WARC), and Stuart M. Law (University of Nevada, Reno)

**99. Using Organizational Behavior Management to Increase Staff Performance** (Basic Research) CLAUDIA MARIE MARZELLA (Bedrock Clinic and Research Center)

**100. Application of a Token Economy in the Workplace** (DDA; Applied Research) IVETTE VERA, Jennifer Bailey, and Virginia Kaufmann (Bancroft)

## #276 Poster Session

1:00 pm–3:00 pm

Marriott Marquis, Grand Ballroom 1-6

CBM

Chair: Jeannie A. Golden (East Carolina University)

*Discussant: Neil Deochand (University of Cincinnati)*

**101. Using a Rule-Based Antecedent Manipulation to Reduce Random and Careless Survey Responses** (Applied Research) MAUREEN FLYNN, Annie Garofalo, Katherine Bauschke, and Renee Baker (Metropolitan State University of Denver)

**102. Psychological Flexibility Moderates the Relationship Between Social Anxiety and Depression** (Applied Research) ANNIE GAROFALO, Renee Baker, Katherine Bauschke, and Maureen Flynn (Metropolitan State University of Denver)

**103. How We Treat Others: Psychological Flexibility Moderates the Relationship Between Social Anxiety and Relational Aggression** (Applied Research) KATHERINE BAUSCHKE, Annie Garofalo, Renee Baker, and Maureen Flynn (Metropolitan State University of Denver)

**104. Psychological Flexibility Moderates the Relationship Between Social Anxiety and Loneliness** (Applied Research) RENEE BAKER, Katherine Bauschke, Annie Garofalo, and Maureen Flynn (Metropolitan State University of Denver)

**105. Behavioral Skills Training for Clinical Practitioners: Evaluation of a Standardized Protocol for Training Brief Psychotherapy** (Service Delivery) ETHAN A. EISDORFER, Robert LaRue, and G. Terence Wilson (Rutgers University)

**106. The Use of a Stimulus Equivalence Match-to-Sample Procedure and Token Economy for Obsessive-Compulsive Disorder and Schizoaffective Disorder Treatment** (Applied Research) ANNA TILLERY (University of North Carolina at Wilmington) and Ruth M. Hurst and Andrew Fullwood (Central Regional Hospital)

**107. Post-Traumatic Stress Disorder and Drug Use: A Preliminary Examination of the Role of Psychological Flexibility as a Moderator** (Applied Research) ANNIE GAROFALO and Maureen Flynn (Metropolitan State University of Denver)

**108. Open-Source Electronic Bracelet for Self-Monitoring Nail Biting Behavior** (Applied Research) BRISSA GUTIERREZ and Rogelio Escobar (Universidad Nacional Autónoma de México)

*Discussant: Tyler Nighbor (University of Vermont)*

**109. Relationship Between the Implementation Level of Addiction-Brief Interventions and User's Abstinence** (TBA; Applied Research) VIOLETA FELIX and Silvia Morales Chaine (Universidad Nacional Autónoma de México)

**110. Do Attitudes Predict Behavior: Exploring the Unexpected Relationship Between Attitudes and Seeking Psychological Services** (Applied Research) Teresa Hulsey, AMY PAGE, Stephanie Caldas, and Amy Murrell (University of North Texas)

**111. Alternative Behavior as Mediator of Change in Substance Use** (Applied Research) JUDITH ELISA FERRER ALARCÓN and Silvia Morales Chaine (Universidad Nacional Autónoma de México)

**112. Behavioral Avoidance: The Contribution of Obsessive Compulsive Symptoms Above and Beyond Disgust and Emotion Regulation** (Applied Research) ALEXANDRA GILBERT, Molly Wickenhauser, and Danielle Maack (University of Mississippi)

**113. A Meta-Analysis of Expressive Writing on Posttraumatic Stress** (Service Delivery) JEFFREY PAVLACIC (University of Mississippi), Erin Buchanan (Missouri State University), and Ștefan Schulenberg (University of Mississippi)

**114. Effect of Media Modalities in the Dissemination of Parenting Practices** (TBA; Applied Research) LISSETTE RAMOS, David Amaya, and Silvia Morales Chaine (Universidad Nacional Autónoma de México)

**115. Professional Knowledge and Skills on Addictions Brief Intervention by Distance Training** (EAB; Applied Research) JUAN ISMAEL MATIAS MESTAS and Silvia Morales Chaine (Universidad Nacional Autónoma de México)

**116. An Evaluation of the Effects of Antecedent Variables on Problem Behavior Occasioned by Restricted Attention** (EAB; Applied Research) JESSICA DETRICK, Kelly M. Schieltz, Emily Malugen, and Kristin Hathaway (University of Missouri)

## #277 Poster Session

1:00 pm–3:00 pm

Marriott Marquis, Pacific Ballroom

DEV

Chair: Jessica Singer-Dudek (Teachers College, Columbia University)

*Discussant: Chris Krebs (Florida Institute of Technology)*

**1. Effect of Applied Behavior Analysis and Parent-Child Interaction Therapy on Child Behavior** (DDA; Applied Research) MELISSA GRANT, Trevor F. Stokes, Alexa Ina, Allison Brandmark, Emily Knox, and Emory Bruno (James Madison University)

**2. Using Reinforcer Assessments for Validating Preference Assessment Results and Increasing Engagement in Adults With Dementia** (Applied Research) MAKENZIE WILLIAMS BAYLES, Megan Ford, and Jennifer Lynne Bruzek (Jacksonville State University)

**3. Use of Scatterplot to Monitor Behavior Changes During Different Magnitude of Social Interaction in the Care of Dementia Patient** (PRA; Applied Research) JORN ARVE VOLD and Malin Terese Thøegersen (Norwegian Association for Behavior Analysis)

**4. Behavior Screening of At-Risk Preschool Students Using a Group Functional Analysis** (EDC; Applied Research) JASMINE POETRY, Emily Mary Tierman, Tara A. Fahmie, and Rima Hamawe (California State University, Northridge)

**6. Effects of Task and Reward Preference on Accumulated Rewards** (Applied Research) ALISON RUBY, Carole M. Van Camp, Jennifer Longren, Taylor Harrison, and Kelsea Thomaier (University of North Carolina Wilmington)

**7. When the Function is Not Clear, Have No Fear: Using a Changing Criterion Design and Differentially Reinforcing Low Levelsto Reduce Persistent Screaming Episodes** (AUT; Applied Research) JOSEPH CORPA and Rachael N. Dobson (The Rich Center for Autism at Youngstown State University)

**8. Simultaneously and Delayed Matching-to-Sample in a Woman With Alzheimer's Disease** (EAB; Basic Research) Anette Brogård Antonsen and ERIK ARNTZEN (Oslo and Akershus University College)

**9. Replicating the “Marshmallow” Test: Assessing Impulsivity in Preschoolers Using a Classic Delay-Discounting Task and Delay-of-Gratification Test** (Applied Research) Julyse Migan-Gandonou and JULIE A. ACKERLUND BRANDT (The Chicago School of Professional Psychology) and Alina Maria Valdes (Positive Behavior Supports Corporation)

**10. The Emergence of Referential Behavior and Social Interactions Between Siblings** (VRB; Applied Research) KIMBERLY HENKLE and Patrick M. Ghezzi (University of Nevada, Reno)

**11. An Evaluation of Negative Reinforcement to Increase Self-Feeding and Self-Drinking for Children With Feeding Disorders** (Applied Research) SARAH HANEY, Vivian F. Ibanez, Cathleen C. Piazza, and Caitlin A. Kirkwood (University of Nebraska Medical Center's Munroe-Meyer Institute)

#### #278 Poster Session

1:00 pm–3:00 pm  
Marriott Marquis, Pacific Ballroom  
PRA  
Chair: Robert K. Ross (Beacon ABA Services)

*Discussant: Teresa Camille Kolu (Cusp Emergence)*

**12. The Effects of Self-Monitoring and Recruiting Teacher Attention on Pre-Vocational Skills** (AUT; Applied Research) LEAH FEIN, Christina Rouse-Billman, Maria Helton, and Sheila R. Alber-Morgan (The Ohio State University)

**13. Creating an Effective, Inter-Professional Intervention for Use in Everyday, Messy, Mealtime Settings of Children With Autism Spectrum Disorder** (AUT; Applied Research) DEIRDRE M. MULDOON (The College of Saint Rose) and Joanna Cosbey (The University of New Mexico)

**14. A Model of Program Evaluation Using the Standard Celeration Chart** (AUT; Theory) ANNE LAU and Sara Ann Dinkelo (ABC Group Hawai'i)

**15. Promoting the Cessation of Smoking Using Behavioral Contracts With Differing Schedules of Reinforcement** (Service Delivery) ALMA C. STAHELI and Donald M. Stenhoff (Arizona State University)

**16. The Effects of Task Clarification, Job Aids, and Feedback on Direct Care Staff's Treatment Fidelity** (Applied Research) KELSEY WEBSTER, Cody Morris, and Stephanie M. Peterson (Western Michigan University)

**17. Decreasing Finger Biting in a Child With Autism Spectrum Disorder Using Differential Reinforcement Procedure** (AUT; Applied Research) AMY RICH, Lisa Tereshko, and Robert K. Ross (Beacon ABA Services)

**18. Criminal Behaviorology: The Application of Behavior Analysis to Assist Criminology, Corrections and the Justice System** (PCH; Theory) TIMOTHY TEMPLIN (HABA)

**19. Comparing Methods of Momentary Time Sampling** (Applied Research) ERIS DODDS (Endicott College) and Dan Almeida (University of Massachusetts Boston)

*Discussant: William Tim Courtney (Little Star Center)*

**20. An Evaluation of Caregiver Compliance to Prescribed Treatment Components** (DDA; Applied Research) ELISSA SPINKS (Kennedy Krieger Institute) and Cara L. Phillips (Kennedy Krieger Institute, Johns Hopkins University School of Medicine)

**21. The Implementation of Structured Schedules With Direct Support Professionals in an Adult Residential Setting** (Service Delivery) VICTOR CHIN (Rowan University) and Javid Rahaman, Christopher Ilconich, and Kellie P. Goldberg (Bancroft)

**22. Preliminary Research Into the Development of a Comprehensive Front-Line Ethical Performance Model at an ABA Service Clinic** (OBM; Applied Research) NATALIE BUDDIGA, Brian James Feeney, and W. Larry Williams (University of Nevada, Reno)

**23. Compliance Interventions Within Caregiver Training: A Literature Review** (DEV; Applied Research) Alissa Anne Conway, CODY MORRIS, and Haley Ciara Hughes (Western Michigan University)

**24. Evaluation of a Finger Prompt Variation in the Treatment of Pediatric Food Refusal** (Applied Research) EMILY KATE RUBIO (Georgia State University) and Valerie M. Volkert and William G. Sharp (Marcus Autism Center; Emory School of Medicine)

**25. Prevalence of Multiply Controlled Problem Behavior: A Replication** (Applied Research) CONNOR SPANGENBERG and Clare Liddon (University of North Florida)

**26. Evaluation of Preference Assessment Variations in Adolescent Males Who Have Been Detained** (Applied Research) BARATHI CHINNAPPAN, Kristen Brogan, John T. Rapp, and Anna Kate Edgemon (Auburn University)

**27. A Celeration Analysis of BACB Certification** (Service Delivery) CAMERON MITTELMAN, Shannon Ormandy, and John W. Eshleman (The Chicago School of Professional Psychology)

**28. Activity Based Intervention: An Intervention Approach Utilizing Distributed Trials Across Planned, Routine and Child-Initiated Activities** (Service Delivery) SUZANNE JERI YOCKELSON (Brandman University)

**29. An Effective Instruction for a Change of Diapers for Wandering Clients in Role-Play Session** (AAB; Applied Research) NOBUHIRO WATANABE (Mito Nursing and Welfare College)

#### #279 Poster Session

1:00 pm–3:00 pm  
Marriott Marquis, Pacific Ballroom  
VRB  
Chair: Judah B. Axe (Simmons College)

*Discussant: Nouf Alzayer (King Saud University)*

**30. The Effects of the Multiple Exemplar Instruction on the Naming for Students With Developmental Disability** (AUT; Applied Research) Jinhyeok Choi (Pusan National University), Daeyong Kim (Daejeon Middle Public School; Pusan National University), and MINYOUNG KIM (Pusan National University)

**31. Simple Discrimination Training With Compound Stimuli and Class-Specific Consequences: An Application of a Stimulus Equivalence Approach to Early Reading Skills** (EAB; Applied Research) ASTRID LA CRUZ MONTILLA and Carol Pilgrim (University of North Carolina Wilmington)

**32. Generalization and Derived Emergence of Metaphorical Sensory Tact Extensions** (EDC; Applied Research) RYAN C. SPEELMAN and Andy Gloschen (Pittsburg State University)

**33. Reliability and Validity of the Chinese Assessment Promoting the Emergence of Advanced Knowledge: Direct Training Module** (AUT; Applied Research) HUA CHENG (Southern Illinois University, Carbondale) and Jordan Belisle and Mark R. Dixon (Southern Illinois University)

**34. Extension of Skinner's Verbal Summator: Sensical Versus Nonsensical Speech** (Basic Research) ALEX MCCURDY and Matthew P. Normand (University of the Pacific)

**35. Recent Research on the Relative Efficiency of Speaker and Listener Instruction for Children With Autism: A Brief Review** (AUT; Theory) BETHANY P. CONTRERAS YOUNG, Alison Jo Cooper, and SungWoo Kahng (University of Missouri)

**36. Participant Descriptions in Verbal Behavior Research** (Basic Research) GABRIELA JUANITA RIVERA (Baylor University), Lee L. Mason and Alonzo Alfredo Andrews (University of Texas at San Antonio), and Victoria Rodriguez Garcia (Utah State University)

**37. The Effects of Intensive Tact Instruction on the Joining of the Listener and Speaker Components of Naming for Typically-Developing Early Intervention Students** (Applied Research) LEAH FRIEDMAN (Teachers College, Columbia University; Fred S. Keller School) and Stavra Nicole Romas (Fred S. Keller School)

**38. Effects of the Probability of Checking on Children's Do-Say Correspondence in a Card Game** (EAB; Basic Research) Ana Elisa Quintal and MARIELE CORTEZ (Universidade Federal de São Carlos)

**39. A Functional Analysis of Manding** (AUT; Applied Research) RASHA BARUNI (New England Center for Children - Abu Dhabi), Jonathan Seaver (New England Center for Children), and Christina Coley and Stephen Tramontozzi (New England Center for Children - Abu Dhabi)

#### #280 Poster Session

1:00 pm–3:00 pm  
Marriott Marquis, Pacific Ballroom  
DDA  
Chair: Kelly M. Schieltz (The University of Missouri)

*Discussant: Patrick Romani (University of Colorado, Anschutz Medical Campus)*

**40. A Comparison of Accumulated and Distributed Reinforcement Periods With Children With Escape-Maintained Problem Behavior** (AUT; Applied Research) CAITLIN FULTON and Hannah Effertz (University of Wisconsin - Milwaukee), Melissa Drifke (May Institute), Hannah Meitzen (Integrated Development Services), and Jeffrey H. Tiger (University of Wisconsin - Milwaukee)

**41. Modifying Instruction Delivery to Evoke Escape-Maintained Problem Behavior Following an Undifferentiated Functional Analysis** (AUT; Applied Research) KIMBERLY GUSSY-FRAGAKIS (University of Wisconsin - Milwaukee), Madelynn Lillie (Autism Intervention Milwaukee, LLC), and Jeffrey H. Tiger (University of Wisconsin - Milwaukee)

**42. Evaluating Intrasession Patterns of Escape-Maintained Problem Behavior to Predict Treatment Outcomes** (Applied Research) CATHERINE LARK (Louisiana State University; Marcus Autism Center) and Mindy Christine Scheithauer (Marcus Autism Center)

**43. Rapid Assessment of Attention-Types to Guide Treatment for Attention-Maintained Problem Behavior** (TBA; Applied Research) Craig Strohmeier, MOLLY BUTTS, and Suni Schwandtner (Kennedy Krieger Institute)

**44. The Effect of Treatments for Automatically Maintained Problem Behavior in Demand Situations With Multiply-Maintained Problem Behavior** (AUT; Applied Research) KARYS MICHAELA NORMANSELL and Mindy Christine Scheithauer (Marcus Autism Center)

**45. A Component Analysis of Destructive Behavior Maintained by Automatic Reinforcement** (Applied Research) PEI HUANG (The University of Iowa; Center for Disabilities and Development; University of Iowa Stead Family Children's Hospital) and Wendy K. Berg, Eddie Scott, Sarah Jacqueline Frantz, Lexy Rozmus, Kristy DePalma, Matthew O'Brien, and Cindy Kim (The University of Iowa)

**46. Evaluating the Observation Length Necessary to Test for an Automatic Function Using Back-to-Back Austere Sessions** (Applied Research) STEPHANIE LIOLLIO (Marcus Autism Center), Seung Ju Lee (Emory University), and Mindy Christine Scheithauer (Marcus Autism Center)

**47. The Assessment of Destructive Behavior During Transitions Between High-, Moderate-, and Low-Preferred Contexts** (Applied Research) ALICIA SWANSON, Wayne W. Fisher, Alex O'Donnell, Kendra Smallwood, Ryan Mohs, and Billie Retzlaff (University of Nebraska Medical Center's Munroe-Meyer Institute)

**48. The Use of Demand Assessments in the Assessment and Treatment of Challenging Behavior: A Review of the Literature** (AUT; Applied Research) SUZANNAH AVERY, Stephanie Gerow, and Kristen Williams (Baylor University)

**49. Social-Negative Reinforcement: Assessments and Fading Procedures to Increase Tolerance and Decrease Problem Behavior** (AUT; Applied Research) ASHLEY CARVER, Nicole Lynn Hausman, and Molly K. Bednar (Kennedy Krieger Institute) and SungWoo Kahng (University of Missouri)

**50. Operant Reasons for Effectiveness of Escape Extinction: A Preference Assessment** (Applied Research) PEI HUANG (The University of Iowa; Center for Disabilities and Development, University of Iowa Stead Family Children's Hospital) and Bill Weaver, Linda J. Cooper-Brown, David P. Wacker, Wendy K. Berg, Kenzie Marie Miller, and Matthew J. O'Brien (The University of Iowa)

*Discussant: Jessica Korneder (Oakland University)*

**51. The Role of Preference for Communicative Modality in Skill Acquisition** (Applied Research) ANNA RYAN, Stephen E. Ryan, Patricia F. Kurtz, and RaSheeda Sanders (Kennedy Krieger Institute, Johns Hopkins University School of Medicine)

**52. An Evaluation of Stimulus Avoidance Assessment Stability** (AUT; Applied Research) EMILY GOTTLIEB (Marcus Autism Center; Children's Healthcare of Atlanta) and Colin S. Muething and Mindy Christine Scheithauer (Marcus Autism Center; Children's Healthcare of Atlanta; Emory University)

**53. Preference for Food and Non-Food Items of Known Reinforcing Values in People With Developmental Disabilities** (Basic Research) RYAN HECKERT, C. T. Yu, and Michelle Barca (University of Manitoba)

**54. The Assessment and Treatment of Problem Behavior Maintained by Escape From Corrective Feedback** (AUT; Service Delivery) KATHLEEN MCCARTHY (Kennedy Krieger Institute), Cara L. Phillips (Kennedy Krieger Institute, Johns Hopkins University School of Medicine), Allen Porter (Kennedy Krieger Institute), Jennifer Rebecca Weyman (University of South Florida), Marissa Erin Daly (University of Maryland, Baltimore County), and Lauren Veirs and Jennifer R. Zarcone (Kennedy Krieger Institute)

**55. Finger-to-Spoon Fading to Increase Spoon Acceptance** (AUT; Applied Research) KATHRYN ELIZABETH CHUMNEY and Taylor Klingelhofer (Kennedy Krieger Institute) and Alison Kozlowski (Kennedy Krieger Institute; Johns Hopkins University School of Medicine)

**56. Using a Differential Reinforcement of Alternative Behavior Procedure to Increase Food Consumption in a Child With Food Refusal** (Applied Research) ANDREW SODAWASSER (University of Nebraska Medical Center; University of Nebraska-Omaha), Billie Retzlaff and Wayne W. Fisher (University of Nebraska Medical Center's Munroe-Meyer Institute), Nathaniel Marshall (University of Nebraska Medical Center), and Amanda Zangrillo (University of Nebraska Medical Center's Munroe-Meyer Institute)

**57. Decreasing Food Selectivity Using the High-Probability Request Sequence: A Review** (PRA; Applied Research) NANCY LEATHEN and Kimberley L. M. Zonneveld (Brock University)

**58. Treatment Relapse: A Summary of 61 Inpatient Readmissions** (Applied Research) STEPHEN E. RYAN, Michelle D. Chin, and Patricia F. Kurtz (Kennedy Krieger Institute, Johns Hopkins University School of Medicine)

**59. Is Pairing a Focus in Behaviour Analytic Treatments for Individuals With Developmental Disabilities: A Systematic Review** (Service Delivery) REBECCA ENSOR and Priscilla Burnham Riosa (Brock University)

**60. Intensive Toileting Protocols and Strong Learning Histories: Does Age Impact Rate of Acquisition for Successful Elimination Training?** (DEV; Applied Research) KELLY CARRERO (Texas A & M University-Commerce)

**61. Increasing Eye Contact in Children and Adolescents With Autism and Related Disabilities** (Applied Research) ANNA KATE EDGEMON, John T. Rapp, and Joseph Bardeen (Auburn University)

## #281 Poster Session

1:00 pm–3:00 pm  
Marriott Marquis, Pacific Ballroom  
AUT  
Chair: Nicole Heal (Margaret Murphy Center for Children)

*Discussant: Stacie Bancroft (New England Center for Children)*

**62. The Social and Communicative Skills of Children With Autism Spectrum Disorder: A Naturalistic Approach** (Applied Research) JAYLA C BRENNEN (Endicott College, Van Loan School of Graduate and Professional Studies; Hopeful Journeys Education Center)

**64. Meta-Analysis of Parent Training** (PRA; Applied Research) SHANNON BARTON, Jennifer Blankenship, and Jessica Lynn Cooper (PASCO), Chloe Fahrberger (PASCO)

**65. Establishing Fidelity of Behavior Consultation for Parents of Children With Autism Spectrum Disorder** (DEV; Applied Research) RISA MATSUOKA, Atsuko Matsuzaki, Takuya Enomoto, and Jun'ichi Yamamoto (Keio University)

**66. Parent and Caregiver Coaching via Telehealth Technologies for Children With Autism: A Systematic Review** (DEV; Applied Research) SANIKAN WATTANAWONGWAN, Ching-Yi Liao, and Jennifer Ganz (Texas A&M University)

**67. An Evaluation of a Computer-Based Intervention: The Transporters in Teaching Individuals With Autism Emotion Recognition Skills** (DEV; Applied Research) ADRIANA ANDERSON and Sabrina D. Daneshvar (Autism Spectrum Therapies)

**68. A Comparison of Within- and Across-Session Prompt Fading for Teaching Aquatic Skills** (Applied Research) LINDSEY ERIN WRIGHT (Quest Swims)

**69. Use of the Humanoid Robot to Train Kids With Autism Spectrum Disorders: A Pilot Study** (CSS; Applied Research) CHONGYING WANG (University of West Florida)

**70. Obtaining Stimulus Control Over Vocal Stereotypy in an Adolescent With Autism in a Community-Based Program** (DDA; Applied Research) DAN ALBRAND, Jessica Zawacki, Lauren Erion, Gloria Satriale (Preparing Adolescents with Autism for Adult Life) and Thomas L. Zane (The University of Kansas)

**71. Further Evaluation of the Stimulus Pairing Observation Procedure** (EDC; Applied Research) LESLIE SOLARES and Mitch Fryling (California State University, Los Angeles)

**72. The Effects of Implementing Response Interruption and Redirection to Decrease Loud Stereotypic Vocalizations** (VRB; Applied Research) JESSE V. LASARTE (Whitworth University), Jeff Kalles (Lilac City Behavioral Services), and Kira Austin (Dominion ABA)

**73. The What? The Why? And the How to of Teaching Exercise Intensity to Children With Autism Spectrum Disorder** (Applied Research) SHANNON TITUS DIERINGER, Constance McIntosh, Kimberly Martell, and David E. McIntoch (Ball State University)

*Discussant: Jaime DeQuinzio (Alpine Learning Group)*

**74. The Effects of a Treatment Package on Inappropriate Sexual Behaviors** (PRA; Applied Research) CATHERINE DEBRODER (The Ivy Street School)

**75. Evaluation of Stimulus Control and Differential Reinforcement of Other Behavior on a Child With Autism** (Applied Research) Xueyi Deng (China Association of Persons With Psychiatric Disabilities and Their Relatives; Central China ABA Beijing KNZ Autism Family Support Center, China), LI-TSUN WANG (SEEK Education, Inc.; Taiwan ABA Association), and Mei Ling Joey Chen (SEEK Education, Inc.)



**76. Response Interruption and Redirection With Stimulus Control Training to Reduce Motor Stereotypy in Children With Autism Spectrum Disorder** (DDA; Applied Research) AMBREEN SHAHABUDDIN and James T. Todd (Eastern Michigan University), Renee Lajiness-O'Neill (University of Michigan), Kenneth Rusiniak (Eastern Michigan University), and Angela Capuano (University of Michigan)

**77. Video Modeling for Students With Autism: Efficacy and Fidelity of Implementation in Three High-School Classrooms** (EDC; Service Delivery) MEGAN LEDOUX (University of California, Riverside) and Jessica B. Suhrheinrich (University of California, San Diego; San Diego State University)

**78. Effects of Category and Choice on Preference** (PRA; Service Delivery) JESSICA GUTFLEISH and Dianneys Rojas (New England Center for Children; Western New England University); Hallie Glassman, Meaghan Griffin, and Emily McGrail (New England Center for Children; Simmons College); and Allen J. Karsina (New England Center for Children)

**79. Increasing Task Quantity and Complexity Following Differential Reinforcement of Compliance While Treating Escape-Maintained Problem Behavior** (DDA; Applied Research) MARGARET RACHEL GIFFORD, Danielle Ione Larson, Meagan E. Sumter, Christy Noelle Jahns, and Jeffrey H. Tiger (University of Wisconsin - Milwaukee)

**80. Special Ethic Issues Confronting Behavior Analysts When Working With Persons With Autism** (DDA; Service Delivery) JACK SCOTT (Florida Atlantic University)

**81. Generalization Between Verbal Operants Within Discrete Trial Training During Parent Training** (Applied Research) LAURA A. KRUSE (First Leap LLC; The Chicago School of Professional Psychology) and Annette Griffith and Susan Jarmuz-Smith (The Chicago School of Professional Psychology)

**82. Barriers to Assessment and Intervention for People With Autism in Nigeria** (DDA; Theory) EZIAFAKAKU NWOKOLO and Glynis Murphy (Tizard Centre, University of Kent)

**83. Effects of Reinforcement and Fading Within a Dental Desensitization Program for Individuals With Autism Spectrum Disorder** (Applied Research) LAUREN CARTER, Silva Orchanian, and Jill Harper (Melmark New England)

**84. An Evaluation of a Computer-Based Intervention: The Transporters in Teaching Individuals With Autism Emotion Recognition Skills** (TBA; Applied Research) ADRIANA ANDERSON (Autism Spectrum Therapies; San Diego State University) and Sabrina D. Daneshvar (Autism Spectrum Therapies)

**85. You Get What You Pay For: Three Years of Applied Behavior Analysis in Hong Kong With Relative Cost, A Partial Replication** (EDC; Applied Research) JEREMY H. GREENBERG (The Children's Institute of Hong Kong)

*Discussant: Dennis Dixon (Center for Autism and Related Disorders)*

**86. Reading Intervention for Individuals With Autism and Moderate and Severe Intellectual Disability Using Headsprout Early Reading** (EDC; Applied Research) ANITA YAKKUNDI (University College Dublin; Queen's University Belfast), Karola Dillenburger (Queen's University Belfast), and Lizbeth Goodman (SMARTlab; University College Dublin)

**87. Using Phonetic Hand Cues to Promote Speech Production Skills in Children With Autism With Limited Vocal Repertoires** (VRB; Applied Research) Lina M. Slim-Topdjian (A Step Ahead Program, LLC) and TAMARA S. KASPER (The Center for Autism Treatment)

**88. Evaluation of a Five-Day Parent Training Program in China** (TBA; Applied Research) HANG WU (University of Kansas; Together Inc.) and E. Zhang (The University of Kansas)

**89. The Effects of a Behavioral Training Package on the Acquisition of Aquatic Skills** (Applied Research) AMBER LAMPERT and Lindsey Erin Wright (Quest Swims)

**90. Establishing Stimulus Control of Visual Stimuli Over "Stop" and "Go Slow" Responses** (DDA; Applied Research) CHRISTIAN YENSEN and Chata A. Dickson (New England Center for Children)

**91. Do Edible and Leisure Items Displace Attention?** (Applied Research) ZOE NEWMAN (New England Center for Children; Western New England University) and Nicole Goldberg and Eileen M. Roscoe (New England Center for Children)

**92. Including Edible and Non-Edible Items in Informal Preference Assessments for Individuals With Autism Spectrum Disorder** (PRA; Service Delivery) Kinga Wolos-Zachmeier and RANDI MEDEIROS (The ABRITE Organization)

**93. Teaching Personal Safety, Private and Public Behavior and Conversation Skills Through Social Skill Instruction Using Peers and Adults as Models** (TBA; Service Delivery) MEERA RAMANI and Maira Rifat (ABA India)

**94. Evaluation of the Effect of Negative Punishment on the Rate of Excessive Mands** (Applied Research) NABIL MEZHOU DI, Aimee Courtemanche, Maureen Kelly, Randi Layne Mahoney, and Jason C. Bourret (New England Center for Children)

**95. A Comparison of Mixed and Multiple Schedules for the Treatment of Pica** (Basic Research) DENISE FIGUEROA and Jessica L. Thomason-Sassi (New England Center for Children)

**96. Increasing Physical Activity in Children With Autism Spectrum Disorder** (PRA; Applied Research) CHELSEA HEDQUIST and Eileen M. Roscoe (New England Center for Children; Western New England University)

**97. Reduction of Motor Stereotypy in an Individual With Autism-Related Catatonia: Implementation of a Self-Monitoring Procedure** (PRA; Applied Research) JESSICA R. EVERETT, Michelle Boucher, and Barbara O'Malley Cannon (Melmark New England)

*Discussant: Aimee Giles (University of South Wales)*

**98. American National Standards Institute Accredited Behavior Technician Level One Certificate Program: Setting Precedence for Professionalizing the Role of Behavior Technician Through Standardized Education and Training** (PRA; Service Delivery) VICKI MOELLER and Carolyn Baham (Innovative Learning LLC)

**99. Providing Feeding Intervention for Three Children With Autism Spectrum Disorder: A Long Term Follow Up** (Applied Research) LEANNE SCHIEDEL and Claire E. Egan (Semiahmoo Behavior Analysts, Inc.)

**100. Using School-Home Communication to Decrease Off-Task Behavior at School for Students With Autism Spectrum Disorders** (EDC; Applied Research) SAMANTHA GOLDMAN (Assumption College) and Kelli Sanderson (Vanderbilt University)

**101. Interview-Informed Synthesized Contingency Analyses and Functional Communication Training: Replications in an Educational Setting** (PRA; Applied Research) ANDREA DANIELLE DRISCOLL and Amy Kate Rosenblum (May Institute) and Cory Whelan (May Institute; Western New England University)

**102. Using the Picture Exchange Communication System Within Functional Analysis for Children With Autism Spectrum Disorder** (VRB; Service Delivery) ALANNA DANTONA, Benjamin R. Thomas, and Caitlyn Gumaer (Claremont Graduate University); Wan Han Nataly Lim (University of Texas at Austin); and Marjorie H. Charlop (Claremont McKenna College)

**103. Mapping Review of Bilingual Individuals With Autism Spectrum Disorders** (PCH; Basic Research) VALERIA YLLADES (Texas A & M University)

**104. Using Lag Schedules to Increase Toy Play Variability for Children With Autism in the United Arab Emirates** (PRA; Applied Research) Rasha Baruni and DANIEL JOHN SHERIDAN (New England Center for Children - Abu Dhabi), Clodagh Mary Murray (National University of Ireland Galway), Michelle P. Kelly (Emirates College for Advanced Education), and Jonathan Seaver (New England Center for Children)

**105. A Telehealth Parent Coaching Intervention to Increase Sleep for a Child With Autism** (CBM; Applied Research) SANDRA R. GOMES, Debbie Ann Brothers, Courtney Thomas, Jessica Piekos, Gayathiri Ramadoss, and Colby Roebuck (Somerset Hills Learning Institute); Emily Gallant (Caldwell University); and Kevin J. Brothers (Somerset Hills Learning Institute)

**106. Establishing Proper Stimulus Control for Toileting: A Case Study** (DDA; Applied Research) EDGAR D. MACHADO, Alexandra Boulanger, and Melissa Fenske (Somerset Hills Learning Institute); Emily Gallant (Somerset Hills Learning Institute; Caldwell University); and Kevin J. Brothers (Somerset Hills Learning Institute)

**107. Increased Frequency of Teaching Trials During ABA Sessions as a Function of Self-Monitoring and Criterion-Setting** (Applied Research) CHELSIE PARENT, Anita Lynn Wilson, and Jessica Keane (ABA and Verbal Behavior Group)

**108. Effects of a High-Probability Request Sequence on Food Acceptance of Children With Autism Spectrum Disorder** (Applied Research) LACEY DUCKWORTH, Allison Jeanette Wolz, and Ashley Marie Lugo (Southeast Missouri State University)

**109. The Effect of Video Modeling on Toilet Training Behavior** (DDA; Applied Research) KRYSTINA CASSIDY, Samantha Sarin, and Janessa Hosler (Melmark)

*Discussant: Corina Jimenez-Gomez (The Scott Center for Autism Treatment, Florida Institute of Technology)*

**110. Differences in Performance of Critical Foundational Skills in Children With and Without Autism Spectrum Disorders** (DDA; Applied Research) KELLY L. MCCONNELL and Chata A. Dickson (New England Center for Children) and Jacquelyn M. MacDonald (Regis College)

**111. Preliminary Reliability Analysis of the Social Impact of Repetitive Behavior Scale** (PRA; Applied Research) NOOR JAVED, Rose Nevill, Catalina Rey, Griffin Rooker, and Jennifer R. Zarcone (Kennedy Krieger Institute)

**112. A Translational Evaluation of Operant Habituation During ABA Therapy Sessions for Children With Autism** (EAB; Applied Research) ERIN SILVERMAN and Jonathan J. Tarbox (University of Southern California; FirstSteps for Kids)

**113. Decreasing Disruptive Behavior: A Comparison of Planned Ignore and Inclusionary Timeout** (Applied Research) MELISSA A. CLARK and Lauren Carter (Melmark New England)

**114. An Evaluation of Behavioral Skills Training on the Implementation of Peer-Mediated Discrete Trial Training** (Applied Research) CHRISTOPHER M. FURLLOW (Kennedy Krieger Institute, Johns Hopkins University School of Medicine) and Keith Radley III, Emily Ness, and Katie Bishop (University of Southern Mississippi)

**115. An Initial Approximation to Feeding Problems in Children With Autism Spectrum Disorder in a Mexican Population** (Applied Research) Varsovia Hernandez Eslava (Centro de Estudios e Investigaciones en Conocimiento y Aprendizaje Humano, Universidad Veracruzana) and DIANA ALEJANDRA GONZALEZ-GARCIA (Facultad de Medicina y Psicología, Universidad Autónoma de Baja California)

**116. The Effects of Eye Contact and Joint Attention Training for a Young Children With Autism** (Applied Research) De-Rong Zhou (National Changhua University of Education; Graduate Institute of Rehabilitation Counseling), HUA FENG and Wenchu Sun (National Changhua University of Education), Ho-Kuei Huang (National Changhua University of Education; Graduate Institute of Rehabilitation Counseling)

**117. Teaching a Client to Self-Monitor Completion of Daily Living and Vocational Skills** (DDA; Applied Research) KATELYN HOFFERT and Ella M Gorgan (University of Wisconsin - Milwaukee), Brittany LeBlanc (University of Wisconsin - Milwaukee; May Institute), and Tiffany Kodak (University of Wisconsin - Milwaukee)

**118. A Replication and Extension of Tolerance Training Procedures With a Child Without Cognitive Impairment** (Service Delivery) MORGAN MARIE HALLGREN, and Rose Nevill (Kennedy Krieger Institute; Johns Hopkins) and Jennifer R. Zarcone (Kennedy Krieger Institute; Johns Hopkins)

**119. Effects of a Home-Visit Program Implemented to Take Action for the Problem Behavior (of a Child) Seen in Family Life** (PRA; Service Delivery) KONOMI MATSUMOTO (LITALICO Corporation), Daiki Enomoto (LITALICO Corporation; Tokyo University), and Masahiko Inoue (Tottori University)

**120. Training Program for Foreign Domestic Helper** (DDA; Service Delivery) YUEN YAN NG (St. Cloud State University; Autism Partnership Hong Kong), David J. Fischer (Autism Partnership Foundation), and Benjamin N. Witts (St. Cloud State University)

**121. An Evaluation of Picture Prompting on Variability During the Acquisition of Intraverbal Categorization** (Applied Research) KALLY SORENSEN (Munroe-Meyer Institute; University of Nebraska Medical Center), Nicole M. Rodriguez (Munroe-Meyer Institute; University of Nebraska Medical Center), Kathryn Glodowski (Pennsylvania State University-Harrisburg), Maria Malachowski (Nationwide Children's Hospital)

*Discussant: Russell Lang (Texas State University-San Marcos)*

**122. Using a Treatment Package to Decrease Disruption Behavior Maintained by Automatic Reinforcement** (AAB; Applied Research) VIRGINIA GIMENEZ (Association Agir et Vivre l'Autisme), Andresa De Souza (Marcus Autism Center, Emory University), and Konrad Marie-Helene (Association Agir et Vivre l'Autisme)

**123. You Calling Me a Liar? Reducing Lying in an Adolescent Girl With Autism Spectrum Disorder** (Service Delivery) MEAGAN ELIZABETH SCOTT (Mackenzie Health's Centre for Behaviour Health Sciences)

**124. Treating Perseverations and Problem Behavior Maintained by Access to Specific Vocal Responses** (Service Delivery) CATHERINE MARUSKA, Amanda Goetzel, Melissa Theodore, Kathleen Hodskins, and Jonathan Dean Schmidt (Kennedy Krieger Institute)

**125. Differential Negative Reinforcement of Other Behaviour to Increase Wearing of an Anti-Strip Suit in a School Setting** (EDC; Applied Research) TARA L. WHEATLEY, Melanie Goulet, Kathryn Mann, and Amy V. Wadsworth (Halton Catholic District School Board)

**126. The Successful Extension of a Skill-Based Treatment for Socially-Mediated Problem Behavior to the Student's Teachers** (PRA; Applied Research) SHANNON WARD (New England Center for Children; Western New England University) and Gregory P. Hanley, Adithyan Rajaraman, Kelsey Ruppel, and Holly Gover (Western New England University)

**127. Enriched Supervision on Quality of Early Intensive Behavioral Intervention in Autism** (PRA; Service Delivery) ULRICA LANGH (Stockholm Autism Center; Karolinska Institutet), Adrienne M. Perry (York University), and Svein Eikeseth (Oslo and Akershus University College)

**128. "Fidget" Attention Aides: Do They Work?** (EDC; Applied Research) KIMBERLY TRUONG (SEEK Education) and Michele D. Wallace (California State University, Los Angeles)

**129. The Use of Contingency-Based Delay of Specific Mands in the Treatment of Problem Behavior** (DDA; Applied Research) EMILY SULLIVAN, Ali Schroeder, and Yannick Andrew Schenk (May Institute)

**130. A Comparison of Baseline Procedures in Evaluating Skill Performance Within Task Analyses** (Applied Research) EMMA GRAUERHOLZ-FISHER, Jonathan K. Fernand, Brandon C. Perez, and Haleh Amanieh (University of Florida); Kara L. Wunderlich (University of Georgia); and Kerri P. Peters and Timothy R. Vollmer (University of Florida)

**131. Application of a Chained Schedule to Extinguish Throwing in Young Children With Autism** (Applied Research) PATRICK GRAY and Brianna Wegrzyn (Trumpet Behavioral Health)

**132. Increasing Natural Reinforcement During Academic Tasks for Children With Autism in Inclusive Classrooms** (EDC; Applied Research) LINDSAY GLUGATCH (University of Oregon), Robert L. Koegel (Stanford University; University of California, Santa Barbara), and Mian Wang and Kelsey Oliver (University of California, Santa Barbara)

**133. Skill Acquisition in a Short-Run Behavioural Program for Children With Autism** (Service Delivery) KARLI PEDREIRA and Rachel Roy (University of Manitoba) and Toby L. Martin (St. Amant Research Centre)

*Discussant: Kenneth F. Reeve (Caldwell University)*

**134. A Translational Evaluation of the Effects of Response Rate on Resurgence in Individuals With Autism** (EAB; Applied Research) FABIOLA VARGAS LONDOÑO, Terry S. Falcomata, Cayenne Shpall, Andrea Ramirez-Cristoforo, and Ashley Bagwell (University of Texas at Austin)

**135. Generality of Functional Communication Training Under Combined Conditions** (Applied Research) LOUKIA TSAMI and Dorothea C. Lerman (University of Houston-Clear Lake), Todd G. Kopelman (The University of Iowa Hospitals and Clinics), Wendy K. Berg and Matthew O'Brien (The University of Iowa), and Nathan Call and Lauren Withhart (Marcus Autism Center)

**136. An Evaluation of Omnibus Functional Communication Responses in Treating Multiply Controlled Destructive Behavior Across Separate Antecedent Conditions** (Applied Research) ALEXANDRA HARDEE, Daniel R. Mitteer, Wayne W. Fisher, Brian D. Greer, Adam M. Briggs, and Alicia Swanson (Munroe-Meyer Institute; University of Nebraska Medical Center)

**137. Relative Versus Absolute Reinforcement Effects for Tangible and Social Stimuli in Children With Autism Spectrum Disorder** (Applied Research) ELIZABETH SCHIEBER and Iser Guillermo DeLeon (University of Florida)

**138. An Evaluation of an Echoic Differential Observing Response and Identity Match Prompt to Teach Auditory-Visual Conditional Discriminations** (Applied Research) JESSIE RICHARD (University of Cincinnati), Billie Retzlaff (Munroe-Meyer Institute; University of Nebraska Medical Center), Jessica Akers (Baylor University), Ami J. Kaminski (Butterfly Effects), Andresa De Souza (Marcus Autism Center, Emory University), and Wayne W. Fisher (Munroe-Meyer Institute; University of Nebraska Medical Center)

**139. Competing With Stereotypy: An Evaluation of Matched, Unmatched, and Choice of Items** (Applied Research) JON PETERSON (University of Saint Joseph; Norwich Public Schools), Andrea B. Courtemanche and Nicole C. Groskreutz (University of Saint Joseph), and Jessica R. Mias (Simmons College; Norwich Public Schools)

**140. Short-Term, Home-Based, Applied Behaviour Analysis Training for Parents of Children With Autism: A Pilot Study** (DDA; Service Delivery) LAUREN COWLED (Great Start Behaviour Services) and Sheri Kingsdorf (BCBAhours)

**141. The Perception of Performance: The Gap Between What is Needed and What is Done** (DDA; Applied Research) CHRISTOPHER TUNG and Mindy Christine Scheithauer (Marcus Autism Center)

**142. Evaluation of Online Parent/Staff Training for Children With Autism Spectrum Disorder** (PRA; Service Delivery) MARCIE DESROCHERS (State University of New York, Brockport), Erin DiCesare (Mary Cariola Children's Center), and Elizabeth Speares Robinson and Mark Matz (State University of New York, Brockport)

**143. An Evaluation of Rote and Variable Vocal Model Prompting on Response Variability** (VRB; Applied Research) Kathryn Glodowski (Pennsylvania State University-Harrisburg), Victoria Cohrs (Munroe-Meyer Institute; University of Nebraska Medical Center), Maria Malachowski (Nationwide Children's Hospital), and BRIANA JEAN LICHT, Kally Sorensen, and Nicole M. Rodriguez (Munroe-Meyer Institute; University of Nebraska Medical Center)

**144. Reducing Problem Behavior During Functional Communication Training via a Multi-Component Environmental Enrichment Procedure** (Applied Research) MICHAEL PATRICK MULLANE (Syracuse University; Munroe-Meyer Institute; University of Nebraska Medical Center) and Amanda Zangrillo and Daniel R. Mitteer (Munroe-Meyer Institute; University of Nebraska Medical Center)

**145. "Diverso un ca..icio": Results After One Year From the Launch of the Adapted Soccer Pilot Project for Students With Autism** (CSS; Applied Research) ADELE ANAGRAFICA CARPITELLI (Università degli Studi di Modena e Reggio Emilia; Centro di ricerca e apprendimento Allenamento) and Valentina Petrini, Jacopo Palmucci, and Claudia Poggolini (Centro di ricerca e apprendimento Allenamento)

*Discussant: Tina Sidener (Caldwell University)*

**146. Self-Determination Versus Contingent Primary Reinforcement for Increasing Self-Initiated Spontaneous Expressive Verbalizations in Autism** (EDC; Applied Research) TERRE JOYCE GLAHN (Fun and Functional Behavioral Services, LLC.; University of Arizona), Roberta Jackson (Eastern Washington University), and Xiao-Li Glahn (Fun and Functional Behavioral Services, LLC.)

**147. The Effect of Motor Curriculum Training on Motor Milestone in Students With Developmental Delays** (DDA; Applied Research) ADELE ANAGRAFICA CARPITELLI (Università degli Studi di Modena e Reggio Emilia; Centro di ricerca e apprendimento Allenamento) and Valentina Petrini, Sara Nutini, Giulia Restuccia, and Claudia Poggolini (Centro di ricerca e apprendimento Allenamento)

**148. Selective Liquid Refusal** (Applied Research) JAHNAE HARVEY (Tomorrow's Voices Bermuda Autism Early Intervention Centre)

**149. Using Eye-Tracking Technology to Operantly Condition the Gaze Behaviour of Children Diagnosed With Autism Spectrum Disorder** (DDA; Applied Research) STEPHEN GALLAGHER, Aileen McParland, and Michael Keenan (Ulster University)

**150. Assessing Preference and Aptitude for Leisure Activities for Learners With Autism Spectrum Disorder** (DDA; Applied Research) JACQUELINE SMITH, James Maraventano, Jenna Budge, Efrat Kemp, Robert LaRue, and Robert W. Isenhower (Douglass Developmental Disabilities Center, Rutgers University)

**151. Effects of Procedural Fidelity of Photographic Activity Schedules on Client Performance** (OBM; Applied Research) BETHANY P. CONTRERAS YOUNG (University of Missouri), Miriam Koech (University of Missouri Thompson Center), Alison Jo Cooper (University of Missouri), Savannah Tate and Ashley Stevens (University of Missouri Thompson Center), and SungWoo Kahng (University of Missouri)

**152. Descriptive Analyses of Food Refusal and Acceptance in Two Groups of Children** (DEV; Applied Research) VARSOVIA HERNANDEZ ESLAVA (Universidad Veracruzana) and Rosa Carré (Universidad de Xalapa)

**153. Component Analysis of a Punishment Procedure Targeting Self-Injurious Behavior in a Teenage Girl With Autism** (Applied Research) STEPHANIE CRAN and Gabrielle Morris (Behavior Network; University of North Texas) and Lesley MacPherson and Amanda Collinsworth-Coffey (Behavior Network; Endicott College)

**154. Using Telehealth to Manage Problem Behavior: An Evaluation of Dropouts** (DDA; Applied Research) SUNGEUN KANG (The University of Iowa); Pei Huang (The University of Iowa; Center for Disabilities and Development, University of Iowa Stead Family Children's Hospital); Matthew O'Brien, Wendy K. Berg, and David P. Wacker (The University of Iowa); Dorothea C. Lerman (University of Houston-Clear Lake); Nathan Cal (Marcus Autism Center); and Kenzie Marie Miller (The University of Iowa)

**155. Assessment and Treatment of an Olfactory Stimulus as a Functional Reinforcer** (Applied Research) Sean Smith, KARISHA BRISTOW, and Katherine Hurlock (Bancroft) and Christina M. Vorndran (Drexel University)

**156. Low-Intensity Early Behavioral Intervention Among Japanese Preschoolers With Autism Spectrum Disorders -A Cooperative System Between Home and Kindergarten Using Closed SNS-** (DDA; Applied Research) MASAHIKO INOUE (Tottori University)

**157. Social Media and Autism: Review of Research and Recommendations for Practitioners** (EDC; Theory) MARIA INATY and Jonathan J. Tarbox (University of Southern California; FirstSteps for Kids)

## #282 Symposium

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Seaport Ballroom F  
AUT/DDA; Applied Research  
BACB CE Offered. CE Instructor: Jennifer Ninci, Ph.D.

**Innovations in Functional Analysis and Function-Based Interventions to Reduce Challenging Behavior for Children With Autism**

Chair: Stephanie Gerow (Baylor University)  
Discussant: Jennifer Ninci (University of Hawaii at Manoa)

**Treatment Evaluation Following Synthesized Trial-Based Functional Analysis**

Mandy J. Rispoli, Emily Gregori, Catharine Lory, So Yeon Kim, and MARIE DAVID (Purdue University)

**An Evaluation of the Effect of Demand Fading on the Resurgence of Challenging Behavior**

SUPRIYA RADHAKRISHNAN, Stephanie Gerow, Tonya Nichole Davis, Abby Hodges, and Amy Nicole Feind (Baylor University)

## #283 Symposium

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Grand Hall C  
AUT/VRB; Service Delivery  
BACB CE Offered. CE Instructor: Charlotte Mann, Ph.D.

**Addressing the Unique Social Needs of Individuals With High-Functioning Autism**

Chair: Charlotte Mann (Western New England University; University of St Joseph)

**Generalization of Problem-Solving Skills to Vocational and Educational Settings by Individuals With High-Functioning Autism**

REGAN MADORE (The Gengras Center), Nicole C. Groskreutz (University of Saint Joseph), John D. Molteni (University of Saint Joseph), Sarah Lessard (The Gengras Center), and Laura B. Turner (University of Saint Joseph)

**Conditioning Derivational Stimulus Control Over Intraverbal Behavior of Adolescents With Autism**  
ALEXANDRIA ARRIAGA, Lee L. Mason, and Alonzo Alfredo Andrews (University of Texas at San Antonio)

**Assessment and Treatment of Prosody Behavior in Individuals With High Functioning Autism: A Review and Call for Research**

CHARLOTTE MANN and Amanda Karsten (Western New England University; Western Michigan University)

## #284 Paper Session

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Grand Hall D  
AUT

**Applications of ABA to Individuals With Autism Spectrum Disorder in China**

Chair: Dorothy Xuan Zhang (The Chicago School of Professional Psychology; George Mason University; ABA Professional Committee of China Association of Rehabilitation of Disabled Persons)

**A Theoretical, Cultural, and Training Delivery Model of a Social Skill Training Program for School-Age Children With Autism in Mainland China** (Service Delivery)

DOROTHY XUAN ZHANG (The Chicago School of Professional Psychology; George Mason University; ABA Professional Committee of China Association of Rehabilitation of Disabled Persons), Xue Li (Peking University Sixth Hospital; Peking University Institute of Mental Health; Key Laboratory of Mental Health; Ministry of Health), Yu Qing Zhou (Peking University Sixth Hospital; Peking University Institute of Mental Health; Key Laboratory of Mental Health; Ministry of Health), Yanqing Guo (Institute of Mental Health, Beijing University), and Jing Liu (Peking University Sixth Hospital; Peking University Institute of Mental Health; Key Laboratory of Mental Health; Ministry of Health)

**Applied Behaviour Analytic Interventions for Children Diagnosed With Autism in Mainland China: A Rapid Review** (Theory)

YINI LIAO (Sun Yat-Sen University) and Karola Dillenburger (Queen's University Belfast)

## #285 Paper Session

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Seaport Ballroom H  
AUT

**Promoting Social Interactions for Individuals With Autism Spectrum Disorder**

Chair: William Earl Woods (University of Nevada, Las Vegas)

**Social Skills Modeling for Adolescents Autism Spectrum Disorder Eligible in Common Areas**

(Applied Research)  
WILLIAM EARL WOODS (University of Nevada, Las Vegas)

**Using Common Interests to Increase Socialisation Between Children With Autism and Their Peers** (Service Delivery)

MAITHRI SIVARAMAN (Tendrils Centre for Autism Research and Intervention) and Tara A. Fahmie (California State University, Northridge)



## #286 Invited Presenter

3:00 pm–3:50 pm  
Marriott Marquis, Marina Ballroom G  
CSS  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Julie M. Slowiak, Ph.D.

### OBM and ACT: A Synergistic Powerhouse for Health and Wellbeing

Chair: Todd A. Ward (bSci21 Media, LLC)

JULIE M. SLOWIAK (University of Minnesota Duluth)



Julie M. Slowiak, Ph.D., BCBA, Pn1 works as an associate professor of psychology at the University of Minnesota Duluth (UMD) and is a board certified behavior analyst. She assisted with the proposal and development of a new masters graduate program in psychological science, served as chair of the Teaching and Learning Committee within the shared faculty governance system, and assisted with the formation of the UMD Wellness Collaborative for which she is co-chair. Dr. Slowiak has taught and developed undergraduate and graduate courses on statistics, research methods, organizational behavior management, organizational psychology, personnel psychology, applied

behavior analysis, organizational systems and development, personnel training and development, and worker wellbeing. Nominated by both faculty and students, she has received multiple awards at UMD to recognize excellence in teaching and advising. Dr. Slowiak is the founder of InJewel LLC and a personal and professional coach and consultant. She is an expert in the science of human behavior with an emphasis on performance management, behavioral systems analysis, employee motivation, and general behavior change. Current projects include facilitating performance management and leadership development workshops to local organizations, providing ongoing, voluntary organizational consultation to a animal shelter, and providing healthy lifestyle behavior change coaching to individuals.

**Abstract:** Successful and thriving communities must adopt a strategic and adaptable approach health and wellbeing to create a sustainable culture of health. Now, while there is an increasing focus on mental health around the globe, is the time to broaden the reach of our science to support individual health and wellbeing. As behavioral scientists and practitioners, have the knowledge to apply our science to help individuals and the communities within which they live, learn, work, and play override their “default” actions, cultivate resilience, and develop supportive environments. In particular, the corporate world presents behavioral scientists with tremendous opportunities for large-scale interventions designed to increase psychological wellbeing, fueled by demand from lost revenue that could improve the lives of millions around the world. In this presentation, I will share my story and describe my experiences teaching others how to support everyday behavior and wellbeing using behavioral science. I will also share how my self-study in the area of acceptance and commitment training (ACT), along with my background in organizational behavior management (OBM), has enhanced my own life and has provided me with knowledge, skills, and tools to be a more effective teacher, coach, and consultant. Finally, I will share insights about the struggles I have encountered as an entrepreneur while conveying our science to those outside the field and how collaboration with other professionals is a key component to transforming culture on a large scale.

## #287 Panel Discussion

## Student Committee Event

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Coronado Ballroom DE  
DEV: Applied Research  
BACB CE Offered. CE Instructor: Lara Gentilini, M.A.

### Establishing Conditioned Reinforcement for Reading and Writing and Incorporating Functional Writing Contingencies in the General Education Setting

Chair: Lara Gentilini (Teachers College, Columbia University)

COLLEEN CUMISKEY MOORE (Teachers College, Columbia University)  
JENNIFER WEBER (Teachers College, Columbia University)  
JENNIFER LEE (Teachers College, Columbia University)

## #288 Invited Presenter

3:00 pm–3:50 pm  
Marriott Marquis, San Diego Ballroom B  
EAB  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Amy Odum, Ph.D.

### What is Delay Discounting, and Why Should I Care?

Chair: Elizabeth Kyonka (University of New England)

AMY ODUM (Utah State University)



Amy Odum is a professor in the Department of Psychology at Utah State University. Her research interests are in basic behavioral phenomena, such as response persistence, sensitivity to delayed outcomes, conditional discriminations, and environmental influences on drug effects. Her work has been funded by the National Institute on Drug Abuse and the National Institute of Mental Health. She completed a post-doctoral fellowship at the University of Vermont's Human Behavioral Pharmacology Laboratory after earning her Ph.D. and MA in psychology, specializing in behavior analysis, from West Virginia University. She received a BS in Psychology from the University of Florida. Dr. Odum has been associate editor for the *Journal of the Experimental Analysis of Behavior* and president of the Society for the Experimental Analysis of Behavior and Division 25 of the American Psychological Association. She is a Fellow of ABA and is currently editor-in-chief of the *Journal of the Experimental Analysis of Behavior*.

**Abstract:** Delay discounting is, most simply, the decline in the value of temporally remote outcomes. Delay discounting represents a true success story for the experimental analysis of behavior: A procedure, born in the pigeon laboratory, extended in literally thousands of experiments across species, populations, domains, and fields of inquiry. What exactly is it though? Questions linger among behavior analysts about the validity, utility, and meaning of the procedures and processes. This presentation will try to address those types of questions as well as talk about exciting new directions and applications of delay discounting to problems of human concern.

## #289 Symposium

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Harbor Ballroom HI  
EDC/AUT; Applied Research  
BACB CE Offered. CE Instructor: Laura J. Hall, Ph.D.

### Measuring Student Progress on Goals in Public Schools: Results from Two Large Intervention Projects

Chair: Laura J. Hall (San Diego State University)  
Discussant: Samuel L. Odom (University of North Carolina, Chapel Hill)

#### Goal Attainment Scaling to Measure Student Outcomes in Classroom Pivotal Response Teaching

JESSICA SUHRHEINRICH, Sarah Reith, and Melina Melgarejo (San Diego State University); Janice Chan (University of California, San Diego); and Aubyn Stahmer (University of California, Davis)

#### Goal Attainment Scaling in a Large Scale Randomized Clinical Trial for High School Students With Autism Spectrum Disorder

BONNIE KRAEMER and Laura J. Hall (San Diego State University), Kara Hume (University of North Carolina at Chapel Hill), Leann Smith-Dawalt (Waisman Center, University of Wisconsin), and Jessica Steinbrenner and Samuel L. Odom (University of North Carolina, Chapel Hill)

## #290 Symposium

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Harbor Ballroom G  
EDC/TBA; Applied Research  
BACB CE Offered. CE Instructor: Bryan J. Blair, Ph.D.

### Teaching Various Socially Relevant Skills Using a Stimulus Equivalence Training Framework With Commercially Available Learning Tools

Chair: Bryan J. Blair (Endicott College)

#### Teaching the Visual Analysis of Graphs With Equivalence-Based Instruction: A Replication and Extension Using Commercially Available Learning Tools

BRYAN J. BLAIR and Michael F. Dorsey (Endicott College)

#### Training Sight-Singing Using Equivalence-Based Instruction: A Preliminary Investigation

PAUL MAHONEY (Endicott College; Amego, Inc.) and Bryan J. Blair (Endicott College)

#### Using Equivalence Based Instruction to Teach the Identification of Asymmetrical Head Shapes in Infants: A Preliminary Analysis

ELIZABETH KIRBY (Endicott College; Hopeful Journeys Educational Center) and Bryan J. Blair and Michael F. Dorsey (Endicott College)

## #291 Symposium

3:00 pm–3:50 pm  
Marriott Marquis, Marina Ballroom F  
OBM/PGH; Theory

### Removing Barriers in Our Science: How to Expand the Use of Behavioral Analysis and Organizational Behavior Management

Chair and discussant: De'Lon Jaylen Dixon (Western Michigan University)

#### Training and Development With Behavioral Principles

JOSHUA JAMES TURSKIE (Western Michigan University)

#### Computer Based Instruction: Does a Behavior Analyst Belong?

AUSTIN SEABERT (Western Michigan University)

## #292 Panel Discussion

3:00 pm–3:50 pm  
Marriott Marquis, Marina Ballroom E  
OBM; Service Delivery  
BACB CE Offered. CE Instructor: Alyssa Kavner, M.A.

### The Impact of a Leadership Training Package on Organizational Measures

Chair: Alyssa Kavner (Easterseals Southern California)

JENNIE MYHRA (Easterseals Southern California)  
KIMBERLEY ANDREA ENLOE (Easterseals Southern California)  
JACQUELINE B. GANLEY (Easterseals Southern California)

## #293 B. F. Skinner Lecture Series

Recorded

3:00 pm–3:50 pm  
Marriott Marquis, Grand Ballroom 7-9  
OTH  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Jonathan J. Tarbox, Ph.D.

### New Perspectives on Change in Sexuality Over the Life Course

Chair: Jonathan J. Tarbox (University of Southern California; FirstSteps for Kids)

LISA DIAMOND (University of Utah)



Lisa M. Diamond is professor of psychology and gender studies at the University of Utah. She studies the expression of sexual attractions and sexual identity over the life course, and particularly the phenomenon of sexual fluidity, which describes the capacity for individuals to experience shifts in their pattern of same-sex and other-sex attractions over time. Her 2008 book, *Sexual Fluidity*, published by Harvard University Press, describes the changes and transformations that she has observed in the sexual attractions, behaviors, and identities of a sample of lesbian, bisexual, and “unlabeled” women that she has been following since 1995. *Sexual Fluidity* has been awarded the Distinguished Book Award from the American Psychological Association's Society for the Study of Lesbian/Gay/Bisexual/Transgendered Issues. Dr. Diamond is co-editor of the *APA Handbook of Sexuality and Psychology* and is a fellow of two divisions of the APA. Dr. Diamond has published over 100 articles and book chapters, and has received awards for her work from the American Psychological Association, the American Association of University Women, the International Association for Relationship Research, the Society for the Scientific Study of Sexuality, and the Society for the Psychological Study of Social Issues.

**Abstract:** This presentation will provide an overview of the phenomenon of sexual fluidity, which describes the capacity for individuals to experience change in their same-sex and other-sex attractions over time, often as a result of entering and exiting specific relationships, or undergoing changes in their situational contexts. Sexual fluidity presents important challenges to previous views of sexual orientation and its expression over the life course, and in this presentation I will present data from my 20-year longitudinal study of sexual fluidity which elucidates how sexual fluidity is experienced by different individuals, and the challenges it presents for individuals at different stages of the life course. I will also discuss the implications of sexual fluidity for some of the mental health issues facing LGBTQ individuals (family relationships, identity development, minority stress, stigma, parenting, relationships, spirituality) and will discuss different approaches to these challenges.

## #294 Panel Discussion

Ethics

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Seaport Ballroom A  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: Paul A. Does, Ph.D.

### Rapid Prompting Method: Facilitated Communication in Sheep's Clothing and a Threat to the Delivery of Effective Interventions

Chair: Matthew C. Howarth (Verbal Behavior Associates)

PAUL A. DOES (Psychologist in Private Practice; Verbal Behavior Associates)  
GINA GREEN (Association of Professional Behavior Analysts)  
SARAH SUTHERLAND (Dannis Woliver Kelley)

## #295 Panel Discussion

Supervision

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Seaport Ballroom B  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: Cheryl A. Young-Pelton, Ed.D.

### Effective Supervision: How to Balance Requirements of University Programs, Human Service Agencies, and Third-Party Payers

Chair: Anna M. Young (Montana State University, Billings)

ELLIE KAZEMI (California State University, Northridge)  
REBECCA RENEE WISKIRCHEN (Western Michigan University)  
TERESA CAMILLE KOLU (Cusp Emergence)

## #296 Symposium

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Seaport Ballroom DE  
PRA/DDA; Service Delivery  
BACB CE Offered. CE Instructor: Tara A. Fahmie, Ph.D.

### Functional Analysis and Function-Based Interventions in Practice

Chair: Becky Penrod (California State University, Sacramento)  
Discussant: Tara A. Fahmie (California State University, Northridge)

#### The Effects of Detailed Written Instructions and a Task Analysis Data Sheet on Staff Implementation of Trial-Based Functional Analysis

KRISTIN GRIFFITH, Becky Penrod, and Jenifer Price (California State University, Sacramento)

#### The Prevalence of Extinction Bursts in Applied Behavior Analytic Research

MIA BROUSSEAU and Jonathan J. Tarbox (University of Southern California; FirstSteps for Kids)

## #297 Panel Discussion

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Seaport Ballroom C  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: Megan G. Kunze, M.A.

### Ethical Supervision of ABA Services Across Diverse Service Providers and Settings

Chair: Jessica Franco (University of Texas at Austin)

MEGAN G. KUNZE (University of Oregon)  
BERENICE DE LA CRUZ (Autism Community Network)  
LUPE CASTANEDA (Behavior Pathways, LLC)

## #298 Symposium

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Harbor Ballroom C  
TBA; Service Delivery  
BACB CE Offered. CE Instructor: Dipti Mudgal, Ph.D.

### Online Teaching 2018: Lessons Learnt and Next Steps

Chair: Dipti Mudgal (Ball State University)

#### Finding the Modus Operandi for Student Success in Behavior Analysis Programs

SHANNON TITUS DIERINGER and Kimberly Martell (Ball State University)

#### A Framework for Incorporating Student Preference in Online Courses

LAURA L. DUDLEY and Nicole M. Davis (Northeastern University) and Hanna C. Rue (Autism Spectrum Therapies)

#### Online Programs: Thinking Outside the Box

VERONICA J. HOWARD (University of Alaska Anchorage)

## #299 Symposium

## Supervision

3:00 pm–4:50 pm  
Manchester Grand Hyatt, Grand Hall B  
AUT/PRA; Applied Research  
BACB CE Offered. CE Instructor: Joshua Jessel, Ph.D.

### A Comprehensive Evaluation of a Practical Functional Assessment Model

Chair: Julia Iannaccone (Queens College)  
Discussant: Joanna Lomas Mevers (Marcus Autism Center)

#### Is Functional Assessment Reliability Necessary to Produce Valid Treatment Outcomes?

ADITHYAN RAJARAMAN, Gregory P. Hanley, Holly Gover, Robin K. Landa, and Kelsey Ruppel (Western New England University)

#### Effectiveness of the IISCA and Skill-Based Treatment in a School Setting

JESSICA SLATON, Jessica Lee, Chelsey King, Rachel Sawyer, Ashley Loomer, Katlyn Phillips, and Ceara Carroll (Nashoba Learning Group)

#### A Re-Analysis of Session Duration During Full- and Single-Test Interview-Informed Synthesized Contingency Analyses

JOSHUA JESSEL (Queens College), Rachel Metras and Gregory P. Hanley (Western New England University), and Catherine E. Wiist and Einar T. Ingvarsson (Virginia Institute of Autism)

#### Use of the Interview-Informed Synthesized Contingency Analysis With Adults in a Day Program

SARAH WEDDLE, Margaret Walsh, Jaclyn Caporale, and Cynthia M. Anderson (May Institute)

## #300 Symposium

3:00 pm–4:50 pm  
Manchester Grand Hyatt, Seaport Ballroom G  
AUT/DDA; Applied Research  
BACB CE Offered. CE Instructor: Linda S. Meyer, M.S.

### Improving Academic and Employment Outcomes for Adolescents and Adults With Autism and Intellectual Disabilities

Chair: Leslie Quiroz (Caldwell University)  
Discussant: Linda S. Meyer (Linda S. Meyer Consulting, LLC)

#### A Comparison of Procedures for Maintaining On-Task Behavior in the Absence of an Instructor

AMIRA EL-BOGHDEDY (Caldwell College; Alpine Learning Group), Tina Sidener and Sharon A. Reeve (Caldwell University), and Erin Richard White (Alpine Learning Group)

#### Effects of a Problem-Solving Strategy on the Correct Completion of Vocational Tasks by High Functioning Young Adults With Autism

BERNADETTE CHRISTINE BALANE (Caldwell University; AHRC NYC), April N. Kisamore (Hunter College), Tina Sidener (Caldwell University), and James E. Carr (Behavior Analyst Certification Board)

#### Assessing and Teaching Job-Related Social Skills to Adults With Autism Spectrum Disorder

CAROLYN GROB (Engage ABA), Dorothea C. Lerman (University of Houston–Clear Lake), Channing Langlinais (Milestones Behavioral Services), and Natalie Villante (University of Houston–Clear Lake)

#### Effects of Error Correction on Lecture Comprehension and Writing of Adults With Intellectual Disabilities

JOLENE R. SY and Marissa Erin Daly (University of Maryland, Baltimore County)

## #301 Symposium

3:00 pm–4:50 pm  
Manchester Grand Hyatt, Coronado Ballroom AB  
CBM/CSS; Applied Research  
BACB CE Offered. CE Instructor: Kimberly C. Kirby, Ph.D.

### Habits That Hinder Health and Wealth: Using Behavior Analysis to Reduce Risky Behaviors

Chair: Bethany R. Raiff (Rowan University)  
Discussant: Kimberly C. Kirby (Rowan University; University of Pennsylvania)

#### A Functional Assessment Questionnaire for Smoking Treatment Recommendations

CONNOR ANDREW BURROWS (Rowan University), Jesse Dallery (University of Florida), SunnyJung Kim (Dartmouth), and Bethany R. Raiff (Rowan University)

#### Behavioral Economic Strategies to Reduce Cell Phone Use While Driving Among Teens: Attitudes and Intervention Effectiveness

KATHRYN SAULSGIVER, Catherine McDonald, Jessie Hemmons, Mucio Kit Delgado (University of Pennsylvania)

**Incentives to Promote Employment and Abstinence in Unemployed Adults With Opioid-Use Disorder**  
SHRINIDHI SUBRAMANIAM (Johns Hopkins University), August F. Holtyn (Johns Hopkins University School of Medicine), and Kenneth Silverman (Johns Hopkins University)

#### Social Validity of Contingency Management Interventions: Comparison of Acceptability as a Function of Treatment Provider and Disease

MATTHEW J. DWYER (Rowan University), Mary Tabit (Treatment Research Institute at Public Health Management Corporation), Elena Bresani (Rowan University; Treatment Research Institute at Public Health Management Corporation), and Dustin Fife and Kimberly C. Kirby (Rowan University)

## #302 Symposium

3:00 pm–4:50 pm  
Manchester Grand Hyatt, America's Cup A-D  
CBM/EAB; Applied Research  
BACB CE Offered. CE Instructor: Neil Deochand, Ph.D.

### Walking, Punching, and Eating: Approaches to Studying Health Behaviors

Chair: Erin B. Rasmussen (Idaho State University)  
Discussant: Christine E. Hughes (University of North Carolina Wilmington)

#### Force to Volume and Speed to Beats per Minute: What Happens When Music is Tied to Punching Performance?

NEIL DEOCHAND (University of Cincinnati) and Richard Wayne Fuqua (Western Michigan University)

#### Time of Day and Monetary and Food Discounting

YAEUN LEE, Darian Carter, Luis Rodriguez, and Erin B. Rasmussen (Idaho State University)

#### Are the CDC's Recommendations for Physical Activity Adequate? The Relationship Between Reinforced Step Counts and Sedentary Behavior

WENDY DONLIN WASHINGTON and Sydney Batchelder (University of North Carolina Wilmington)

#### Using Freely and Commercially Available Apps and Pedometers to Examine Contingency Management for Physical Activity

MACK S. COSTELLO (Rider University)

## #303 Symposium

3:00 pm–4:50 pm  
Manchester Grand Hyatt, Harbor Ballroom AB  
DDA/PRA; Service Delivery  
BACB CE Offered. CE Instructor: Michael Kranak, M.A.

### Efficient Procedures for Individuals With Developmental Disabilities

Chair: Ilene S. Schwartz (University of Washington)  
Discussant: Michael Kranak (Western Michigan University)

#### Stimulus Preference and Reinforcer Assessment for Videos: A Web-Based Program

HUGO CURIEL and Alan D. Poling (Western Michigan University)

#### Systematic Review of Matrix Training for Individuals With Autism Spectrum Disorder

EMILY CURIEL (Western Michigan University), Judah B. Axe (Simmons College), Diane M. Sainato (The Ohio State University), and Howard Goldstein (University of South Florida)

#### The Effects of the Implementation of Parent Coaching to Increase Quality of Life for Children and Families Affected by Autism Spectrum Disorder

KATHERINE BATEMAN and Ilene S. Schwartz (University of Washington)

#### The Use of Distant Bug-in-Ear Coaching to Teach Paraprofessionals to Implement Incidental Teaching Trials

Nancy Rosenberg, Kathleen Meeker, ELIZABETH KELLY, Xueyan Yang, and Shelly Huntington (University of Washington)

## #304 Symposium

3:00 pm–4:50 pm  
Manchester Grand Hyatt, Grand Hall A  
DDA/EAB; Applied Research  
BACB CE Offered. CE Instructor: Tiffany Kodak, M.S.

### Making the Treatment Work! Recent Updates in Stimulus Selection as Reinforcers and Response Persistences

Chair: Cormac MacManus (New England Center for Children; Western New England University)  
Discussant: Tiffany Kodak (University of Wisconsin–Milwaukee)

**Assessment of Preference and Reinforcing Value of Social Interactions for Individuals With Developmental Disabilities**

DANIELLE L. GUREGHIAN (Garden Academy), Lynn Service (University of British Columbia), Laura L. Grow (Garden Academy), and Lauren Goodwyn (Caldwell University)

**Correspondence Between and Stability of Paired Stimulus Preference Assessment and Progressive Ratio Schedule Data**

SHAWN J. JANETZKE and Jason C. Bourret (New England Center for Children)

**Assessing the Effects of a Modified Differential Reinforcement of Other Behavior Procedure From the Perspective of Behavioral Momentum Theory**

Kylee Drugan-Eppich, ALEX ELFONT, Brandi Todaro, and William H. Ahearn (New England Center for Children)

**Evaluating the Role of Extinction in a Human Operant Model of Resurgence**

BRIANNA LAUREANO, David J. Cox, and Iser Guillermo DeLeon (University of Florida)

**#305 Symposium**

3:00 pm–4:50 pm  
Marriott Marquis, San Diego Ballroom C  
EAB/VRB; Service Delivery  
BACB CE Offered. CE Instructor: Caio F. Miguel, Please Select...

**Basic and Applied Research on Relational Responding**

Chair: Caio F. Miguel (California State University, Sacramento)  
Discussant: Karen M. Lionello-DeNolf (Assumption College)

**Formation and Maintenance of Equivalence Classes and Transfer of Functions in Individuals Diagnosed With Depression**

Maria Alice dos Santos Cardoso and NATALIA MARIA AGGIO (Universidade Federal de São Carlos), Marcelo Vitor Silveira (Universidade Federal do ABC), and Mariéle Cortez and Julio C. De Rose (Universidade Federal de São Carlos)

**“Direct” and “Derived” Extinction of Avoidance Responses in Equivalence Classes**

Leandro Boldrin and PAULA DEBERT (Universidade Federal de São Paulo)

**The Role of Verbal Behavior in the Development of Comparative Relations**

JOCELYN DIAZ, Shannon Luoma, and Caio F. Miguel (California State University, Sacramento)

**Exploring Self-Emergent Verbal Relational Density in Complex Language Acquisition of Children With Autism**

JORDAN BELISLE (Southern Illinois University) and Dana Paliliunas, Mark R. Dixon, Caleb Stanley, and William Root (Southern Illinois University, Carbondale)

**#306 Symposium**

4:00 pm–4:50 pm  
Manchester Grand Hyatt, Seaport Ballroom F  
AUT/PRA; Applied Research

**The Application of Machine Learning to Improve ABA-Based Treatment Outcomes in Autism Spectrum Disorder**

Chair and discussant: Erik Linstead (Chapman University)

**Identifying Profiles of Challenging Behaviors With Unsupervised Machine Learning**

ELIZABETH STEVENS (Chapman University) and Esther Hong and Charly DeNocker (Center for Autism and Related Disorders)

**Identification of Diverse Behavioral Phenotypes in Autism Spectrum Disorder**

DENNIS DIXON (Center for Autism and Related Disorders), Elizabeth Stevens (Chapman University), Marlena Novack and Esther Hong (Center for Autism and Related Disorders), and Erik Linstead (Chapman University)

**#307 Symposium**

4:00 pm–4:50 pm  
Marriott Marquis, Marina Ballroom D  
CSS/PRA; Applied Research  
BACB CE Offered. CE Instructor: Darlene E. Crone-Todd, Ph.D.

**Behavior Analysis and the Military: Veterans in College and Active, Reserve, and Veteran Suicides**

Chair: Tom Buqo (Hofstra University)  
Discussant: Karola Dillenburger (Queen’s University Belfast)

**A Behavioral Analysis of Military Suicides**

ABIGAIL B. CALKIN (Calkin Consulting Center) and Kent A. Corso, James Meador, and Michael Kondis (Xcelerate Innovations)

**Using Behavior Analytic Methods to Improve University Study Skills for Military Veterans**

DARLENE E. CRONE-TODD and Maria Pierce (Salem State University)

**#308 Panel Discussion**

4:00 pm–4:50 pm  
Marriott Marquis, Marina Ballroom E  
CSS; Service Delivery

**Are You Ready to Work in Healthy Behavior Change? (HINT: Success Relies on Becoming an Expert and Building a Business)**

Chair: Diah Askari (Behavior Man)

JULIE M. SLOWIAK (University of Minnesota Duluth; InJewell LLC)

MERRITT SCHENK (University of South Florida)

GABRIELLE TRAPENBERG TORRES (Behavior Basics LLC)

**#309 Symposium**

4:00 pm–4:50 pm  
Manchester Grand Hyatt, Coronado Ballroom DE  
DEV/EDC; Applied Research  
BACB CE Offered. CE Instructor: JoAnn Pereira Delgado, Ph.D.

**A Scientific Approach to General Education: Recent Advances in the Accelerated Independent Learner Model**

Chair: JoAnn Pereira Delgado (Teachers College, Columbia University)

**The Accelerated Independent Learner: Pre-Requisite Verbal Developmental Cusps and Capabilities**

ANGELA CHEN (Morris School District; Teachers College), JoAnn Pereira Delgado (Teachers College, Columbia University), and R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

**Teaching Reading Repertoires Effectively and Efficiently Through the Fundamental Principles of Applied Behavior Analysis in an Accelerated Independent Learner Classroom**

BRITTANY CHIASSON (Morris School District; Columbia University), JoAnn Pereira Delgado (Teachers College, Columbia University), R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

**Bringing Function to the Classroom: Instructional Tactics and Protocols in Comprehensive Application of Behavior Analysis to Schooling Accelerated Independent Learner Classrooms**

VICTORIA VERDUN and JoAnn Pereira Delgado (Teachers College, Columbia University) and R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

**#310 Symposium**

4:00 pm–4:50 pm  
Manchester Grand Hyatt, Harbor Ballroom HI  
EDC/CSS; Applied Research  
BACB CE Offered. CE Instructor: Kenneth F. Reeve, Ph.D.

**Recent Research on Stimulus Equivalence-Based Instruction: Alternate Teaching Procedures and New Content Domains**

Chair: Kenneth F. Reeve (Caldwell University)

**Comparing Video Lecture to Equivalence-Based Instruction to Increase Religious Literacy in Middle School Students**

Daniel M. Ferman, Kenneth F. Reeve, Leif Albright, Jason C. Vladescu, and ADRIENNE JENNINGS (Caldwell University) and Craig H. Domanski (The DATA Group)

**Comparing Match-to-Sample, Stimulus-Pairing Yes-No Responding, and Self-Study to Teach Equivalence Classes of Logical Fallacies to College Students**

EMILY GALLANT, Kenneth F. Reeve, Sharon A. Reeve, Jason C. Vladescu, and April N. Kisamore (Caldwell University)

**Using Stimulus Equivalence-Based Instruction to Teach Young Children to Sort Recycling, Trash, and Compost Items**

JUANA BOLANOS, Kenneth F. Reeve, Briana Ostrosky, Sharon A. Reeve, and Tina Sidener (Caldwell University)

### #311 Symposium

4:00 pm–4:50 pm  
Manchester Grand Hyatt, Harbor Ballroom G  
EDC/TBA; Service Delivery  
BACB CE Offered. CE Instructor: Kwang-Sun Blair, Ph.D.

#### Improving Classroom Behavior in Children With Problem Behavior

Chair: Kwang-Sun Blair (University of South Florida)

##### Using the Class Pass Intervention: An Application to Improve Classroom Behavior in Children With Disabilities

LEANN SARAH AVILA and Rachel M Sofarelli (University of South Florida), Taylor Narozanick (Pasco County Schools), and Kwang-Sun Blair (University of South Florida)

##### Choices on Reinforcement Criteria in Using the “Caught Being Good Game” to Improve Classroom Behavior

BETH GIGUERE (University of South Florida), Michael Marotta (University of South Florida; Positive Behavior Supports Corporation), and Kwang-Sun Blair (University of South Florida)

##### Using Computer-Assisted Instruction to Decrease Transition Times for Students With Autism Spectrum Disorder

JESSICA MOORE, Kristina Ashlee Bewley, and Kimberly Crosland (University of South Florida)

### #312 B. F. Skinner Lecture Series

4:00 pm–4:50 pm  
Marriott Marquis, Marina Ballroom G  
OBM  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Douglas A. Johnson, Ph.D.

#### Discipline Without Punishment

Chair: Douglas A. Johnson (Western Michigan University)

DICK GROTE (Grote Consulting Corporation)



Dick Grote is president of Grote Consulting Corporation in Dallas, Texas. He is the author of the book, *Discipline Without Punishment*. Now in its second edition, *Discipline Without Punishment* has become a management classic. Paramount Pictures bought the movie rights and produced the award-winning video series *Respect and Responsibility* with Dick as on-camera host. His other books include *The Complete Guide to Performance Appraisal* and *The Performance Appraisal Question and Answer Book*, both published by the American Management Association. *Forced Ranking: Making Performance Management Work*, was published by Harvard Business Review Press in 2005. His most recent book, *How to Be Good at Performance Appraisals*, was also published by the Harvard Business Review Press in 2011. His books have been translated into more than a dozen languages, including Russian, Chinese, Vietnamese, Arabic, and Thai. In 2013, the Harvard Business School made a series of videos of Dick Grote providing his observations and counsel on performance management for Harvard’s executive education programs. In 2016 the Harvard Business Review produced and published a series of Dick Grote’s “Tools” to help managers on the subjects of goal-setting and performance appraisal. For five years, he was a regular commentator on National Public Radio’s *Morning Edition* program. For twenty years Dick Grote was adjunct professor of management at the University of Dallas Graduate School. His articles have appeared in *Cosmopolitan* and the *Wall Street Journal*.

**Abstract:** An obscene message written on a potato chip triggered the development of a radically different approach to dealing with disciplinary problems. Discipline Without Punishment is the innovative performance management system that replaces traditional disciplinary policies and procedures with a positive, responsibility-focused approach. Like conventional approaches, the Discipline Without Punishment procedure provides a progressive series of steps to handle the everyday problems of absenteeism, bad attitudes and poor performance that arise in all organizations. But Discipline Without Punishment gets rid of traditional disciplinary responses—like warnings, reprimands, and unpaid disciplinary suspensions—that focus on punishment. Instead, the system requires employees to take personal responsibility for their own behavior and to make real decisions about their performance and continued employment. Unique to Discipline Without Punishment is the final step before termination: the Decision Making Leave. The employee is suspended from work for one day. He receives full pay for his time away. But this is no extra vacation day. On “Decision Day” the employee must make a final decision: either to solve the problem completely, or to quit and find greener employment pastures elsewhere. Dick Grote created Discipline Without Punishment. Through his books and consultations he has helped some of the largest organizations around the world eliminate punishment as a disciplinary tool and replace it with a system that demands personal responsibility. Dick will explain how he created the approach and why it has been successful for over 40 years.

### #313 Paper Session

4:00 pm–4:50 pm  
Marriott Marquis, Marina Ballroom F  
OBM

#### OBM in Higher Education

Chair: Douglas Robertson (Florida International University)

**Utilizing OBM to Excel Your Higher Education Institution (and Academic Career)** (Applied Research)  
ALICIA M. ALVERO (Queens College and The Graduate Center, City University of New York)

**Sustaining Long-Term, Systemic Change at Large Organizations Experiencing Leadership Succession** (Applied Research)  
DOUGLAS ROBERTSON and Martha Pelaez (Florida International University)

### #314 Invited Presenter

4:00 pm–4:50 pm  
Marriott Marquis, San Diego Ballroom B  
PCH  
BACB/PSY/QABA CE Offered. CE Instructor: Kennon Andy Lattal, Ph.D.

#### A Tale of Two Rats: The Backstory of a Clever Cartoon

Chair: David C. Palmer (Smith College)

KENNON ANDY LATTAL (West Virginia University)



Andy Lattal is centennial professor of psychology at West Virginia University, where he has taught and mentored 44 doctoral students in behavior analysis since 1972. Andy’s research, covering a host of topics across the discipline’s spectrum, has appeared in more than 160 research articles, chapters, and edited books. Included among them are several on the history of behavior analysis. He has been recognized for his professional service with the Society for the Advancement of Behavior Analysis’s awards for Distinguished Service to Behavior Analysis and for the International Dissemination of Behavior Analysis. A past editor of the *Journal of the*

*Experimental Analysis of Behavior*, he currently serves as the editor for english language submissions of the *Mexican Journal of Behavior Analysis* and as the associate editor for translational research of the *Journal of Applied Behavior Analysis*.

**Abstract:** Behind this well-known cartoon (<https://www.abainternational.org/media/130027/LattalCartoon.jpg>) is a story bringing together the personal histories of two undergraduate alumni of a foundational psychology course at Columbia University and the history of a program in behavior analysis that both was central in the evolution of behavior-analytic education and spawned some of the most important figures in the development of our science. This presentation tells the story of the cartoon’s creation, context, significance, and impact.

### #315 Symposium

4:00 pm–4:50 pm  
Marriott Marquis, Grand Ballroom 10-13  
PCH/VRB; Theory  
BACB CE Offered. CE Instructor: Jonathan J. Tarbox, Ph.D.

#### Expanding Horizons: Addressing Conceptual and Methodological Limitations in Analyses of Complex Behavior

Chair: Madison Gamble (University of Louisiana at Lafayette)

Discussant: Jonathan J. Tarbox (University of Southern California; FirstSteps for Kids)

**Beyond Match-to-Sample: New Methods in Training and Testing Derived Relational Responding**  
REBECCA NOEL TACKE, Emily Kennison Sandoz, and Melissa Morgan Miller (University of Louisiana at Lafayette)

**Overlapping Perspectives: A Conceptual Talk on the Overlaps Between Cognitive Psychology and Contextual Behavioral Psychology**  
MELISSA MORGAN MILLER, Emily Kennison Sandoz, and Rebecca Noel Tacke (University of Louisiana at Lafayette)

### #316 Symposium

4:00 pm–4:50 pm  
Manchester Grand Hyatt, Seaport Ballroom C  
PRA/CBM; Service Delivery  
BACB CE Offered. CE Instructor: Gretchen A. Dittrich, Ph.D.

#### Applications of Behavioral Technologies Across Different Populations and Targets

Chair: Gretchen A. Dittrich (Simmons College)

### Effects of Technology and Behavioral Coaching on Daily Activity

JESSICA R. MIAS and Gretchen A. Dittrich (Simmons College)

### The Inclusion of Listener and Speaker Behaviors in Equivalence Classes in a Child Diagnosed With Autism Spectrum Disorder and Hearing Loss

SIMONE VILAS BOAS PALMER (Simmons College; Crossroads School)

### The Effects of Teaching a Rehearsal Response on Delayed Multi-Step Selection-Based Responding

KELLY HURLEY, Gretchen A. Dittrich, and Russell W. Maguire (Simmons College)

#### #317 Panel Discussion

4:00 pm–4:50 pm

Manchester Grand Hyatt, Seaport Ballroom B

PRA; Service Delivery

BACB CE Offered. CE Instructor: Adrienne Fitzer, M.A.

### Behaviorism in the Great Beyond: A Panel on the Dissemination of Behavioral Analysis

Chair: Ryan Lee O'Donnell (RYANO, LLC)

GARRET M. CANTU (University of Louisiana at Lafayette)

ADRIENNE FITZER (The Applied Behavior Analysis Center, Inc.)

AMANDA N. KELLY (BEHAVIORBABE)

#### #318 Invited Presenter

Recorded

4:00 pm–4:50 pm

Marriott Marquis, Grand Ballroom 7-9

TBA

PSY/BACB/QABA/NASP CE Offered. CE Instructor: R. Douglas Greer, Ph.D.

### A Synthesis Model of Graduate Training in Behavior Analysis

Chair: Lin Du (Teachers College, Columbia University)

R. DOUGLAS GREER (Columbia University Teachers College and Graduate School of Arts and Sciences)



Dr. Greer is professor of psychology and education at the Graduate School of Arts and Sciences and Teachers College of Columbia University where he heads the MA and Ph.D. programs in behavior analysis and the education of students with/without disabilities. He has served on the editorial boards of 10 journals, published over 200 research and theoretical articles in more than 20 journals and is the author of 13 books in behavior analysis. Two of his most recent books are translated into Korean, Spanish, and Italian. Greer has sponsored 224 doctoral dissertations taught over 2,000 teachers and professors, originated the CABAS model of schooling used in the USA, Ireland, Italy, England, and founded the Fred S. Keller School ([www.cabasschools.org](http://www.cabasschools.org)). He has done basic and applied experimental research in schools with students, teachers, parents, and supervisors as well as pediatric patients in medical settings. He and his colleagues have identified verbal behavior and social developmental cusps and protocols to establish them when they are missing in children. He is a recipient of the Fred S. Keller Award for Distinguished Contributions to Education from the American Psychology Association, a Fellow of the Association for Behavior Analysis International, recipient of May 5 as the R. Douglas Day by Westchester County Legislators. He has served as guest professor at universities in China, Spain, Wales, England, Japan, Korea, India, Ireland, Italy, USA, and Nigeria.

**Abstract:** The presentation will share curricula/pedagogy developed over four decades for MA and Ph.D. students, synthesizing basic, applied, and conceptual repertoires for educating children. Students spend days in R&D school and evenings attending university classes that reflect the training in the schools ([www.cabasschools.org](http://www.cabasschools.org)). Training requires mastery with criterion referenced measures of completion of progressively advanced modules that synthesize basic and applied behavior analysis reflecting Behavior Selectionist, Interbehavioral, and Pragmatism epistemologies. Component objectives will be described including: experiments, data decisions, errorless TPRA observations, applied and basic research summaries, accurate visual displays, and pre-verbal and verbal behavior developmental protocols to establish verbal/social cusps.

#### #319 Paper Session

4:00 pm–4:50 pm

Manchester Grand Hyatt, Harbor Ballroom C

TBA

### Teacher Training

Chair: Ozlem Toper Korkmaz (Uludag Universitesi)

### Globalization of Applied Behavior Analysis in the Nigerian Education System: Capacity Building in Inclusion Schools (Service Delivery)

USIFO EDWARD ASIKHIA and Bosede Asikhia (International Training Center for Applied Behavior Analysis) and Isuan Suzy Asikhia (University at Buffalo, Jacobs School of Medicine and Biomedical Sciences)

### Teaching Multiple Stimulus Preference Assessment to Teachers Who Work in Special Education Clinics in Turkey and the Effects of One-to-One Feedback (Applied Research)

OZLEM TOPER KORKMAZ, Füsün Unal, and Ceyda Turhan (Uludag University)

#### #320 Symposium

4:00 pm–5:50 pm

Manchester Grand Hyatt, Grand Hall D

AUT/DDA; Applied Research

BACB CE Offered. CE Instructor: Regina A. Carroll, Ph.D.

### Procedural Refinements in Skill Acquisition Research

Chair: Regina A. Carroll (University of Nebraska Medical Center's Munroe-Meyer Institute)

Discussant: Dorothea C. Lerman (University of Houston-Clear Lake)

### Using Assessment to Identify Learner-Specific Prompt Type and Prompt-Fading Procedures

LAUREN K. SCHNELL, Jason C. Vladescu, April N. Kisamore, and Ruth M. DeBar (Caldwell University); SungWoo Kahng (University of Missouri); and Kathleen Emily Marano (Caldwell University)

### Using an Abbreviated Assessment to Identify Effective Consequences for Correct Responses for Individual Learners During Discrete-Trial Instruction

JENNIFER M OWSIANY (West Virginia University), Regina A. Carroll (University of Nebraska Medical Center's Munroe-Meyer Institute), and Natalie Ruth Shuler (West Virginia University)

### The Effects of Different Acquisition Mastery Criteria on the Skill Maintenance of Children With Developmental Disabilities

SARAH M. RICHLING (Auburn University), W. Larry Williams (University of Nevada, Reno), and James E. Carr (Behavior Analyst Certification Board)

### A Comparison of Component and Trial-Based Mastery Criteria on Outcomes of Video Modeling Training

BRITTANY ANN JUBAN (May Institute) and Tiffany Kodak, Jennifer Martin, and Victoria Fletcher (University of Wisconsin-Milwaukee)

#### #321 Symposium

4:00 pm–5:50 pm

Manchester Grand Hyatt, Seaport Ballroom H

AUT/DDA; Applied Research

BACB CE Offered. CE Instructor: Mandy J. Rispoli, Ph.D.

### Home and Community Interventions for Children With Autism Spectrum Disorder

Chair: Marjorie H. Charlop (Claremont McKenna College)

Discussant: Mandy J. Rispoli (Purdue University)

### Teaching Athletic Skills to Children With Autism Spectrum Disorder

BENJAMIN R. THOMAS and Caitlyn Gumaer (Claremont Graduate University) and Marjorie H. Charlop (Claremont McKenna College)

### Effects of Teaching Cooperative Puzzle Play on the iPad to Children With Autism Spectrum Disorder

JENNA GILDER (Claremont Graduate University) and Marjorie H. Charlop (Claremont McKenna College)

### Increasing Phrase Speech Within the Community With Children With Autism Spectrum Disorder

CAITLYN GUMAER, Jenna Gilder, and Brittany Nichole Bell (Claremont Graduate University) and Marjorie H. Charlop (Claremont McKenna College)

### Using Video Modeling to Teach Abduction Prevention Skills to Children With Autism Spectrum Disorder

BRITTANY NICHOLE BELL (Claremont Graduate University) and Marjorie H. Charlop (Claremont McKenna College)



### #322 Symposium

4:00 pm–5:50 pm  
Manchester Grand Hyatt, Grand Hall C  
AUT/DDA; Applied Research  
BACB CE Offered. CE Instructor: Christopher A. Podlesnik, M.A.

#### Recent Translational Research Informing Treatments for Problem Behavior

Chair: Ashley Marie Fuhrman (Munroe-Meyer Institute; University of Nebraska Medical Center)  
Discussant: Christopher A. Podlesnik (Florida Institute of Technology)

##### A Quantitative Description of a Caregiver Training Model

FARIS RASHAD KRONFLI and Timothy R. Vollmer (University of Florida)

##### The Mitigating Effects of Reinforcer Magnitude and Quality on Treatment Degradation: A Translational Approach

SARAH WEINSZTOK, Iser Guillermo DeLeon, and Brianna Laureano (University of Florida)

##### Translational Evaluation of Operant ABA Renewal During Alternative Reinforcement: A Preliminary Investigation

RYAN KIMBALL, Brian D. Greer, and Adam M. Briggs (Munroe-Meyer Institute; University of Nebraska Medical Center)

##### On the Predictive Validity of Behavioral Momentum Theory for Reducing Resurgence of Problem Behavior

ANDREW R. CRAIG, Wayne W. Fisher, Brian D. Greer, Billie Retzlaff, Ashley Marie Fuhrman, Katherine Lichtblau, Valdeep Saini (Upstate Medical University)

### #323 Symposium

4:00 pm–5:50 pm  
Marriott Marquis, Rancho Santa Fe 1-3  
EAB; Basic Research

#### Social and Health Aspects of Discounting Research

Chair: Matt Locey (University of Nevada, Reno)

##### Framing Effects on Discounting: Individual and Group Contexts

LAURA BARCELOS NOMICOS and Matt Locey (University of Nevada, Reno)

##### The Relationship Between Delay and Social Discounting and Body Mass Index in University Students

KATHERINE WAINWRIGHT and Paul Romanowich (University of Texas, San Antonio)

##### The Role of Delay Discounting and Impulsivity in Diabetes Self-Care Adherence

PAUL ROMANOWICH and Katherine Wainwright (University of Texas, San Antonio)

### #324 Symposium

4:00 pm–5:50 pm  
Marriott Marquis, San Diego Ballroom A  
EAB/BPN; Basic Research

#### Alternative Model Organisms: Alcoholic Bees, Mutant Mice, Robotic Zebrafish, and T-Mazing Octopi

Chair: David Matthew Cole (Utah State University)  
Discussant: Brady J. Phelps (South Dakota State University)

##### Adding Genetically Modified Mice to the Armamentarium of Behavior Analysis

DAVID MATTHEW COLE (Utah State University)

##### Honey Bees as a Behavioral and Biological Model of Ethanol Consumption: Research on Proboscis Extension Conditioning

CHRISTOPHER ALLEN VARNON (Converse College); Charles I. Abramson, David Craig, Tim Black, and Christopher Dinges (Oklahoma State University); and Harrington Wells (University of Tulsa)

##### Who Is Influencing Whom? Unveiling Causal Relationships in Social Behavior

MAURIZIO PORFIRI (New York University)

##### Operant Conditioning in Octopus Bimaculoides

AYLA SCHMICK, Mark R. Dixon, Jordan Belisle, and Kevin Erdner (Southern Illinois University)

### #325 Paper Session

4:00 pm–5:50 pm  
Manchester Grand Hyatt, Seaport Ballroom A  
PRA

#### Practical Issues in Treatment

Chair: Kelli Minton (ECU)

##### A Behavioral Approach to Sleep Coaching for Children With Autism and Other Neurodevelopmental Disorders (Service Delivery)

KATHRYN HOLLORAN (A Piece of Mind)

##### Impact of Functional Behavioral Assessment and Independent Group Contingencies on Activity Levels of Obese Adolescents (Service Delivery)

KELLI MINTON (East Carolina University)

##### Training Parents on How to Implement Preference Assessments Critical Steps (Service Delivery)

DANIELA MENDONÇA RIBEIRO (Universidade Federal de Alagoas; Instituto Nacional de Ciência e Tecnologia sobre Comportamento, Cognição e Ensino) and Fernanda Mota, Ana Carolina Carolina Sella, and Leonardo Brandão Marques (Universidade Federal de Alagoas)

##### Assessing Behavior to Inform Treatment: A Behavioral Interpretation of Cognitive Screening Instruments Used in Aging Primary Care (Service Delivery)

BRIAN MACNEILL, Jonathan C. Baker, and Lyndsay R. Williams (Western Michigan University)

### #326 B. F. Skinner Lecture Series

5:00 pm–5:50 pm  
Marriott Marquis, San Diego Ballroom B  
AAB  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Susan D. Kapla, Ph.D.

#### Zoo Animal Welfare: Implications for the World's Most Iconic Species

Chair: Valeri Farmer-Dougan (Illinois State University)

GREG VICINO (San Diego Zoo Global)



Greg has spent the past 25 years straddling the line between animal care, behavioral research, conservation, and animal welfare. A unique set of circumstances has positioned him to apply this experience to a myriad of species in virtually every context. After studying Biological Anthropology at University of California, Davis, Greg went on to work for the University, first as an animal care specialist, and then as a Research Associate. He worked on projects ranging from vocal and social development, to geriatric cognition and aggression. His laboratory experience allowed him to ease back into animal management, applying science to the art

of animal husbandry. He has consulted extensively on non-human primate socialization and group formation as well as behavior based enrichment programs and welfare monitoring. When he returned to his home town in 2007 to begin working for the San Diego Zoo he was invited to develop a more modern enrichment program, and ultimately form a comprehensive animal welfare program. He has focused on promoting positive indicators of welfare, as well as mitigating negative indicators all within the framework of a species natural behavioral repertoire. By emphasizing the frequency and diversity of behavior, he and his team have worked on developing integrated management strategies that exploit the adaptive relevance of behavior and making behavior meaningful for managed populations. This strategy is designed to be applicable to all species both captive and wild and he has extensive experience in the Middle East and East Africa applying these concepts to in-situ conservation programs and rehab/re-release sites. Greg has continued to work towards his institutes' mission of ending extinction, and has staunchly stood by the idea that all animals should be given an opportunity to thrive.

**Abstract:** Modern zoos continue to transform both their mission and their execution as they reach the end of a decade's long transition from animal attractions to sincere conservation entities. A heightened awareness of the science of animal welfare, the value of measuring behavioral outcomes, and the realization that zoos represent the last hope for many species has thrust us into a paradigm driven by natural history. The aim of this lecture is to highlight the modern approach to zoo animal welfare and the prevalence of behavioral science and its application to effective conservation programs. By using examples of how modern science has helped the management and conservation of species like the African elephant, I will review some of applications of zoo-based findings on in-situ conservation programs. I will cover some of the metrics used to measure animal welfare in zoos, as well as how the frequency and diversity of behavior can be used as a functional indicator of animal welfare. Finally, I will outline some of the strategies used to turn caretakers into stakeholders, primarily in cultures where animal husbandry and welfare are viewed in contrasting terms.

### #327 Panel Discussion

5:00 pm–5:50 pm  
Manchester Grand Hyatt, Grand Hall B  
AUT; Service Delivery  
BACB CE Offered. CE Instructor: Mary Ellen McDonald, Ph.D.

**Innovative Employment Options for Adults With Autism**  
Chair: Mary Ellen McDonald (Hofstra University; Eden II Genesis)

ERIN ARCHIBALD (Eden II Genesis)  
SANJA CALE (State University of New York Old Westbury)  
ANYA K. SILVER (Quality Services for the Autism Community)

### #328 Symposium

5:00 pm–5:50 pm  
Manchester Grand Hyatt, Seaport Ballroom F  
AUT/PCH; Service Delivery

**Conceptual and Practical Challenges for Applied Behavior Analysis in Brazil**  
Chair: Cintia Guilhardi (Cintia Guilhardi Serviços de Psicologia Comportamental)

**Applied Behavior Analysis in Brazil: Challenges and Possibilities**  
MARILU MICHELLY CRUZ DE BORBA (Integra Comportamental)

**Executive Function From the Standpoint of a Behavior Analyst**  
CINTIA GUILHARDI (Cintia Guilhardi Serviços de Psicologia Comportamental)

**Early Start Denver Model and PROMPT Description as Interventions for the Language Teaching for Children With Autism Spectrum Disorder**  
RENATA DE LIMA VELLOSO (NEXO Intervenção Comportamental) and Mateus Brasileiro Pereira (ABPMC)

### #329 Symposium

5:00 pm–5:50 pm  
Marriott Marquis, Marina Ballroom G  
CSS/EDC

**Cultural Contingencies and Perceptions of Sexual Behavior**  
Chair: Barbara Gross (Empowered: A Center for Sexuality)  
Discussant: Worner Leland (Upswing Advocates)

**Boys Will Be Boys: A Behavioral Account of Rape Culture**  
JANANI VAIDYA (The Chicago School of Professional Psychology)

**The Effects of LGBTQ Variability Education on Self Reports and Tolerance Related Behaviors**  
YASH BHAMBHANI (University of Mississippi)

### #330 Symposium

5:00 pm–5:50 pm  
Manchester Grand Hyatt, Grand Hall A  
DDA; Applied Research  
BACB CE Offered. CE Instructor: M. Alice Shillingsburg, Ph.D.

**Strategies to Increase Physical Activity in Children and Adults With Intellectual Disabilities and Autism**  
Chair: M. Alice Shillingsburg (May Institute)

**Monetary Reinforcement for Increasing Walking in Adults With Intellectual Disabilities**  
Diego Valbuena, Raymond G. Miltenberger, CYNTHIA P. LIVINGSTON, and Lindsey Slattery (University of South Florida)

**Effect of Exergaming on Physical Activity of Adults With Intellectual Disabilities**  
JENNIFER VERGARA and Kimberly Crosland (University of South Florida) and Rocky Haynes (University of South Florida, Tampa)

**Using Pictorial Activity Schedules to Increase Physical Activity in Children With Autism**  
M. ALICE SHILLINGSBURG (May Institute), Brittany Lee Bartlett and Taylor Thompson (Marcus Autism Center) and Kristen K Criado (Marcus Autism Center; Emory University)

### #331 Paper Session

5:00 pm–5:50 pm  
Manchester Grand Hyatt, Coronado Ballroom DE  
DEV

**Recent Developments in Behavioral Development and Behavior Variability**  
Chair: Martha Pelaez (Florida International University)

**Recent Developments in Behavioral Development: Behavioral Systems Theory and Developmental Psychology** (Theory) GARY D. NOVAK (California State University Stanislaus) and Martha Pelaez (Florida International University)

**Behavioral Variability in Development: A Comparison Study Between Variable and Repetitive Behaviors** (Basic Research) MIKE PERFILLON and Vinca Riviere (University of Lille) and Martha Pelaez (Florida International University)

### #332 Symposium

5:00 pm–5:50 pm  
Manchester Grand Hyatt, Harbor Ballroom HI  
EDC; Service Delivery  
BACB CE Offered. CE Instructor: Matthew C. Howarth, Ph.D.

**Supporting Schools in Working With Their Most Challenging Behaviors**  
Chair: Andrew McNally (Grossmont Union High School District)  
Discussant: Paul A. Dores (Psychologist in Private Practice; Verbal Behavior Associates)

**Conducting Functional Analysis Assessments in School Settings and Training District Staff to Implement Behavior Plans With Fidelity**  
MATTHEW C. HOWARTH, Cleo Schmitt, and Kaitlin Johannsen (Verbal Behavior Associates)

**Using Delay and Denial Tolerance Training to Reduce Emission of Maladaptive Behaviors**  
Matthew C. Howarth, CLEO SCHMITT, and Kaitlin Johannsen (Verbal Behavior Associates)

### #333 Paper Session

5:00 pm–5:50 pm  
Marriott Marquis, Marina Ballroom F  
OBM

**Assessment of Key Metrics Within Organizational Settings**  
Chair: Manuel A. Rodriguez (ABA Technologies, Inc.)

**Employee Satisfaction and Work Characteristics: A Twist on Preference Assessments** (Service Delivery) SHANNON BIAGI (Florida Tech; ABA Technologies, Inc.) and Manuel A. Rodriguez (ABA Technologies, Inc.)

**Organizational Behavior Management in Action: An Analysis of a Company's Key Metrics Before and After a Behavioral Systems Analysis** (Service Delivery) STEPHANIE GORBOLD (Gorbold Behavioral Consulting, Inc.) and Manuel A. Rodriguez (ABA Technologies, Inc.)

### #334 Symposium

5:00 pm–5:50 pm  
Marriott Marquis, Grand Ballroom 10-13  
PCH/PRA; Service Delivery  
BACB CE Offered. CE Instructor: Marc J. Lanovaz, Ph.D.

**Recent Advances on the Use, Analysis, and Validity of Single-Case Designs in Practice and Research**  
Chair: Marc J. Lanovaz (Université de Montréal)

**Application of Multiple Baseline Designs in Behavior Analytic Research: Evidence for the Influence of New Guidelines**  
JODI COON (Auburn University), John T. Rapp (Auburn University)

**Criteria for Determining Behavior Change in AB and Multiple Baseline Designs**  
MARISSA A. NOVOTNY, Andrew L. Samaha, and Diego Valbuena (University of South Florida)

**Using Single-Case Designs in Practical Settings: Is Replication Always Necessary?**  
MARC J. LANOVAZ and Stephanie Turgeon (Université de Montréal), Patrick Cardinal (École de Technologie Supérieure), and Tara L. Sankey (Halton Catholic District School Board)

5:00 pm–5:50 pm

Marriott Marquis, Grand Ballroom 7-9

PCH

PSY/BACB/QABA/NASP CE Offered. CE Instructor: Marcus Jackson Marr, Ph.D.

**Matter, Movement, and Mind: The Order Is Important**

Chair: Marcus Jackson Marr (Georgia Tech)

J. A. SCOTT KELSO (Florida Atlantic University; Ulster University)



For most of his scientific career Scott Kelso has been trying to understand how human beings (and human brains)—individually and together—coordinate their behavior on multiple levels, from cells to cognition to (most recently) social settings (see <http://www.ccs.fau.edu/hbbl3/>). Since the late 1970's his approach has been grounded in the concepts, methods and tools of self-organizing dynamical systems tailored to the activities of animate, living things (moving, perceiving, learning, remembering, developing, etc.), a theoretical and empirical framework that has come to be called Coordination Dynamics. From 1978 to 1985 Kelso was Senior Research Scientist

at Yale University's Haskins Laboratories in New Haven, Connecticut. Since then, Kelso has held the Glenwood and Martha Creech Eminent Scholar Chair in Science at Florida Atlantic University (FAU) in Boca Raton, Florida where he founded The Center for Complex Systems and Brain Sciences. Kelso is also Emeritus Professor of Computational Neuroscience at Ulster University in his home town of Derry, in the north of Ireland. Kelso and colleagues' research has been published in Science and Nature as well as other prominent journals in the fields of neuroscience, physics, biology and psychology. His books include *Dynamic Patterns: The Self-Organization of Brain and Behavior* (MIT Press, 1995), *Coordination Dynamics* (Springer, 2004) and *The Complementary Nature* (with D.A. Engström) published by MIT Press in 2006. Kelso is a Fellow of APA, APS, SEP and AAAS and has received a number of honors and awards for his work, including the MERIT, Senior Scientist and Director's Innovations Awards from the U.S. National Institute of Health. In 2007 he was named Pierre de Fermat Laureate and in 2011 he was the recipient of the Bernstein Prize. He was inducted as an Honorary Member of the Royal Irish Academy in 2016. Trained in a specifically interdisciplinary setting, Kelso's Ph.D. students and postdocs have gone on to careers in some of the top academic and research institutions in the world, a fact that he is especially proud of.

**Abstract:** This lecture will explain, by means of a theory of coordination, the relationship between matter, movement and mind. There will be a little physics (self-organization), a little biology (synergy selection), a little math (mostly nonlinear), a little theory (coordination dynamics) and a little experimentation (from fingers and babies and brains to ballet dancing and beyond)—all presented at the level of the proverbial educated layperson. The story is one of emergence, how spontaneous processes give rise to properties not usually ascribed to ordinary matter, but rather to living things, such as agency and goal-directedness. Paradoxical though it may seem, the self—the “I”—emerges from self-organization which, by definition, means the system organizes itself. In these open, complex systems, there is no organizer doing the organizing. The path, made by walking—as Machado would have it—is from nonequilibrium phase transitions in matter and movement (including motor development and learning) to the “eureka effect” of experiencing oneself as an agent for the first time. Who cares? Well, if you have ever wondered how mind gets into matter or how matter produces mind, please join me: like a choreographed script, the order of matter, movement and mind might be important. Phase transitions offer a transcendental mechanism, “the way in” to their relationship. Via symmetry breaking, “the way out” is the modern, metastable mind.

**#336 Symposium**

5:00 pm–5:50 pm

Manchester Grand Hyatt, Seaport Ballroom C

PRA/DDA; Service Delivery

BACB CE Offered. CE Instructor: Jonathan W. Ivy, Ph.D.

**Improving Physical Performance and Gym Safety**

Chair: Jonathan W. Ivy (Penn State Harrisburg)

**The Acquisition of Exercises in Adolescents With Severe to Profound Intellectual Disabilities**

EDWARD JUSTIN PAGE (Duquesne University) and Helen I. Cannella-Malone (The Ohio State University)

**The Application of Teaching With Acoustical Guidance Treatment Package and Training a Novel Golfer**

ANDREW STEVEN MASSEY (St. Cloud State University), Edward Justin Page (Duquesne University), and Benjamin N. Witts (St. Cloud State University)

**Increasing the Post-Use Cleaning of Gym Equipment Using Prompts and Increased Access to Cleaning Materials**

ILEXIS ELBA and Jonathan W. Ivy (Penn State Harrisburg)

**#337 Panel Discussion**

5:00 pm–5:50 pm

Manchester Grand Hyatt, Seaport Ballroom B

PRA; Service Delivery

BACB CE Offered. CE Instructor: Jodie Soracco, M.Ed.

**Coaching for Behavioral Supports: Systems and Practices**

Chair: Jodie Soracco (University of Nevada, Reno)

HOLLY SENIUK (University of Nevada, Reno)

KACI FLEETWOOD (University of Nevada, Reno)

ROSE IOVANNONE (University of South Florida; Florida Mental Health)

**#339 Symposium**

5:00 pm–6:50 pm

Marriott Marquis, Marina Ballroom D

CSS/TBA; Service Delivery

BACB CE Offered. CE Instructor: Traci M. Cihon, Ph.D.

**Training and Tools for Addressing Social Issues Using a Behavior Analytic Perspective: Some Curricular Considerations**

Chair: Courtney Moore (The University of Kansas)

Discussant: Richard F. Rakos (Cleveland State University)

**Introducing Students to Behavior Analysis and Social Issues in Basic Principles and Ethics Courses**

TRACI M. CIHON (University of North Texas; Behaviorists for Social Responsibility)

**Can a Behavior Change Project Help to Save the World?**

CARLOS LOPEZ, Brennan Patrick Armshaw, Michaela Smith, and Traci M. Cihon (University of North Texas)

**Using the Community Tool Box Approach in Resolving Social Issues**

VINCENT THOMAS FRANCISCO (The University of Kansas)

**Integrating a Multidisciplinary Perspective to Address Large-Scale Social Issues and Action through Behavioral Coursework**

DARYL E. STEWART and Jomella Watson-Thompson (The University of Kansas)

**#340 Symposium**

5:00 pm–6:50 pm

Manchester Grand Hyatt, Harbor Ballroom C

DDA; Applied Research

BACB CE Offered. CE Instructor: Terry S. Falcomata, Ph.D.

**Assessment and Treatment of Elopement: Where Are We Now?**

Chair: Andrea Clements (University of Nebraska Medical Center's Munroe-Meyer Institute)

Discussant: Terry S. Falcomata (University of Texas at Austin)

**A Consecutive Controlled Case Series for the Assessment and Treatment of Elopement**

ROSE NEVILL (Johns Hopkins School of Medicine; Kennedy Krieger Institute), Jennifer R. Zarcone (Kennedy Krieger Institute), Griffin Rooker (Kennedy Krieger Institute)

**A Feasibility Study of a Manualized Intervention for the Assessment and Treatment of Elopement**

MINDY CHRISTINE SCHEITHAUER and Nathan Call (Marcus Autism Center), Lawrence Scahill (Marcus Autism Center; Emory University School of Medicine), and Joanna Lomas Mevers (Marcus Autism Center)

**Treatment of Elopement Following a Latency-Based, Interview-Informed, Synthesized Contingency Analysis**

EINAR T. INGVARSSON (Virginia Institute of Autism), Joshua Jessel (Queens College), Rachel Metras (Western New England University), and Ruth Whipple, Hillary Kirk, and Lauren Solsbery (Child Study Center)

**Assessment and Treatment of Elopement Maintained by Chase**

ANDREW PIERCE BLOWERS, Nicole M. Rodriguez, Victoria Cohrs, and Kevin C. Luczynski (University of Nebraska Medical Center; Munroe-Meyer Institute)

### #341 Symposium

5:00 pm–6:50 pm  
Manchester Grand Hyatt, Harbor Ballroom AB  
DDA/AUT; Applied Research  
BACB CE Offered. CE Instructor: Patrick Romani, Ph.D.

#### **Current Research for Training Parents, Educators, and Direct-Care Staff to Implement Behavioral Assessment and Treatment**

Chair: Patrick Romani (University of Colorado, Anschutz Medical Campus)  
Discussant: Wendy A. Machalicek (University of Oregon)

**Effectiveness of Online Versus In-Vivo Training for Parents of Children With Autism Spectrum Disorder**  
ABIGAIL BLACKMAN (The University of Kansas), Samuel Shvarts (Florida Institute of Technology), and Corina Jimenez-Gomez (The Scott Center for Autism Treatment, Florida Institute of Technology)

**The Effects of Rate-Building on the Demonstration of Physical Management Procedures**  
TIMOTHY NIPE (Melmark)

**Teaching Caregivers to Implement Speech-Generating Device-Based Mand Training: Evaluating the Efficacy of Behavioral Skills Training**  
RACHEL SUBERMAN and Catia Cividini-Motta (University of South Florida)

**Training Educators to Conduct Stimulus Preference Assessments via Telehealth in School Settings**  
PATRICK ROMANI (University of Colorado, Anschutz Medical Campus), Andrea Boorse (University of Denver), Brooke Carson and Kate Marie Loving (Colorado Department of Education), and Antoinette Donaldson (Children's Hospital Colorado)

### #342 Symposium

5:00 pm–6:50 pm  
Marriott Marquis, San Diego Ballroom C  
EAB; Basic Research

#### **Punishment: Don't Throw the Baby Out With the Bathwater!**

Chair: Toshikazu Kuroda (Aichi Bunkyo University)  
Discussant: Cynthia J. Pietras (Western Michigan University)

**Punishment of Zebrafish (*Danio rerio*) Approach Behavior With the Motion Picture of Their Predator**  
TOSHIKAZU KURODA and Yuto Mizutani (Aichi Gakuin University), Carlos Renato Xavier Cançado (Universidade de Brasília), and Christopher A. Podlesnik (Florida Institute of Technology)

**Using a Negative Discriminative Stimulus as a Punishing Consequence in Pigeons and Humans**  
Vikki J. Bland and Sarah Cowie (University of Auckland), Jason Landon (Auckland University of Technology), STEPHANIE GOMES-NG and Douglas Eliffe (University of Auckland), Ellen Michie (Auckland University of Technology), and Christopher A. Podlesnik (Florida Institute of Technology)

**Effects of Reinforcement Rate on the Aversive Function of Timeout From Positive Reinforcement**  
CORY WHIRTLEY and Michael Perone (West Virginia University)

**Punishing an Alternative Behavior Generates Resurgence of a Previously Extinguished Target Behavior**  
RAFAELA FONTES and João Claudio Todorov (Universidade de Brasília), Timothy A. Shahan (Utah State University)

### #343 Symposium

5:00 pm–6:50 pm  
Manchester Grand Hyatt, Harbor Ballroom G  
EDC/DDA; Service Delivery  
BACB CE Offered. CE Instructor: Janice Doney Frederick, Ph.D.

#### **Evidence-Based Support Across a Continuum of Service: Outcomes Associated With Applied Behavior Analytic Intervention for Learners With Varying Needs in Home- and School-Based Settings**

Chair: Janice Doney Frederick (The ABRITE Organization)  
Discussant: Kerri L. Milyko (Precision Teaching Learning Center; The Learning Consultants)

**An Outcome Analysis for Various Learners Enrolled in Focused and Comprehensive Insurance-Funded Behavior Analytic Programs**  
Ginger R. Wilson-Raabe, Valerie R. Rogers, Janice Doney Frederick, and M. FERNANDA WELSH (The ABRITE Organization)

**Measuring Treatment Outcomes for Insurance-Funded ABA Programs: An Analysis of Acquisition Rates, Standardized Assessments, and Learner-Specific Variables**  
Valerie R. Rogers, Janice Doney Frederick, SAMUEL GARCIA, and Ginger R. Wilson-Raabe (The ABRITE Organization)

#### **Intensive Behavioral Intervention in Public School Classrooms: Outcomes for Students With Varying Developmental Delays Enrolled in a Collaborative Program J**

ANICE DONEY FREDERICK, Marlena Jacobson, and Ginger R. Wilson-Raabe (The ABRITE Organization)

#### **Supporting Students in Becoming Present, Positive, Participants in Their Education: Outcomes for General Education Students Exposed to a Behavior Analytic Intervention Package**

Janice Doney Frederick, MARLENA JACOBSON, and Caitlin Manning (The ABRITE Organization)

### #344 Symposium

5:00 pm–6:50 pm  
Marriott Marquis, Marina Ballroom E  
OBM/CSS; Service Delivery  
BACB CE Offered. CE Instructor: Timothy D. Ludwig, Ph.D.

#### **Translational Research Through Partnerships With Industry and Communities to Impact Safety**

Chair and discussant: Timothy D. Ludwig (Appalachian State University)

#### **Establishing a Strong Safety Culture Through Accredited Behavioral Safety Programs**

OLIVER WIRTH (National Institute for Occupational Safety and Health; Centers for Disease Control and Prevention) and Timothy D. Ludwig (Appalachian State University)

#### **Are We Checking All the Boxes? Accreditation Recommendations Guide Behavioral Safety System Interventions**

CHRISTOPHER HEBEIN (University of Nevada, Reno), Mark P. Alavosius (Praxis2LLC), and Ramona Houmanfar (University of Nevada, Reno)

#### **Enhancing Major Accident Prevention Methods With Behavioral Science**

JOSEPH CHARLES DAGEN (BP)

#### **Changing the Safety Culture: The Importance of the Motivating Operation**

RON VAN HOUTEN (Western Michigan University)

### #345 Symposium

6:00 pm–6:50 pm  
Manchester Grand Hyatt, America's Cup A-D  
CBM/TBA; Service Delivery  
BACB CE Offered. CE Instructor: Emily Kennison Sandoz, Ph.D.

#### **The Potential Symbiotic Relationship Between Behavior Analysis and Clinical Psychology**

Chair: Lauralee Davis (University of Mississippi)  
Discussant: Emily Thomas Johnson (Behavior Attention and Developmental Disabilities Consultants, LLC)

#### **The Things You Can Teach When They Seem Out of Reach: The Product of Clinical Psychology and Applied Behavior Analysis Co-Therapy**

EMMIE HEBERT, Brooklee Tynes, Karen Kate Kellum, and Kelly G. Wilson (University of Mississippi)

#### **Peering Over Walls: Psychology as a Sister Science to Behavior Analysis**

EMILY KENNISON SANDOZ (University of Louisiana at Lafayette) and Karen Kate Kellum (University of Mississippi)

### #346 B. F. Skinner Lecture Series

6:00 pm–6:50 pm  
Manchester Grand Hyatt, Coronado Ballroom AB  
CBM  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Amy Murrell, Ph.D.

#### **Brief Behavioral Therapy for Anxiety and Depression: Developing Efficient Interventions for Pediatric Care**

Chair: Amy Murrell (University of North Texas)

V. ROBIN WEERSING (San Diego State University)



Dr. Weersing is the director of the Child and Adolescent Anxiety and Mood Program (ChAAMP) at San Diego State University (SDSU) and a professor in the joint doctoral program in clinical psychology at SDSU and University of California, San Diego. Her research centers on the development of efficient interventions for anxiety, depression, and somatic distress in youth. Dr. Weersing's research group has probed the effectiveness of usual community care for internalizing youth, sought to understand the effects of evidence-based interventions for these conditions when tested active healthcare practice, and developed novel treatments for internalizing youths focusing on core, behavioral transdiagnostic mechanisms of action that may be robust to dissemination. In addition to her empirical and theoretical papers in these areas, Dr. Weersing is an

author of five psychosocial treatment and prevention manuals for youth internalizing disorders, and she has served as an expert consultant on practice guidelines for the screening and treatment of adolescent depression in primary care. Her program of work has been acknowledged with honors and awards from the Klingenstein Third Generation Foundation, Robert Wood Johnson Foundation, Beck Institute for Cognitive Therapy and Research, and William T. Grant Foundation and research support from the National Institutes of Health.

**Abstract:** Depression and anxiety in youth are prevalent and impairing conditions, with a high degree of current and lifetime comorbidity. Targeting the internalizing disorders as a unified problem area is in line with calls for new approaches to conceptualizing comorbidity and a focus on transdiagnostic processes. This lecture details a 15 year program of work to develop an efficient transdiagnostic brief behavioral therapy (BBT) for internalizing problems in youth focusing on the core behavioral process of avoidance of negative affect and threatening situations. Development of the initial BBT program is described, including illustrative cases. As a capstone, results are presented of a recent major randomized controlled trial designed to test the effects of BBT compared to assisted referral to specialty mental health care (ARC) in a large sample (N=185) of children and adolescents (age 8-16) presenting with anxiety and/or depression in pediatric primary care. Overall, BBT youth had significantly higher rates of clinical response than those in ARC (56.8% versus 28.2%), and these superior effects were replicated for anxiety-specific measures and functioning outcomes. Results were particularly strong for Latino youth suggesting BBT may help reduce disparities in care outcomes. Implications for the development and dissemination of behavioral treatments are discussed.

#### #347 Symposium

6:00 pm–6:50 pm  
Marriott Marquis, Marina Ballroom G  
CSS  
BACB CE Offered. CE Instructor: Karen Kate Kellum, Ph.D.

#### Seeing Eyes and Helping Hands: Behavioral Conceptualizations of Perspective Taking and Prosocial Behavior

Chair: Rebecca Noel Tacke (University of Louisiana at Lafayette)  
Discussant: Karen Kate Kellum (University of Mississippi)

##### How May We Assist?: Exploring Altruism in Applied Behavior Analysis

CALEB FOGLE and Emily Kennison Sandoz (University of Louisiana at Lafayette)

##### Non-Mentalist Theory of Mind: Conceptual and Empirical Advances in Perspective Taking From a Behavioral Perspective

REBECCA COPELL and Emily Kennison Sandoz (University of Louisiana at Lafayette)

#### #348 Symposium

6:00 pm–6:50 pm  
Manchester Grand Hyatt, Grand Hall A  
DDA/DEV; Applied Research  
BACB CE Offered. CE Instructor: Theresa Fiani, M.A.

#### Intervening in Infancy to Address Persistent Weaknesses in Vocal Repertoires in Down Syndrome

Chair: Theresa Fiani (City University of New York - The Graduate Center)  
Discussant: Rosemary A. Condillac (Brock University)

##### A Behavior Analytic Model to Increase Vocalizations in Infants With Down Syndrome

THERESA FIANI (The Graduate Center, City University of New York) and Emily A. Jones (Queens College; The Graduate Center, City University of New York)

##### Addressing Mode and Function of Communication to Teach Infants With Down Syndrome to Vocalize

SALLY M IZQUIERDO and Emily A. Jones (Queens College, The Graduate Center, City University of New York)

#### #349 Symposium

6:00 pm–6:50 pm  
Marriott Marquis, San Diego Ballroom A  
EAB  
BACB CE Offered. CE Instructor: Jacob H. Daar, Ph.D.

#### Planarians on Drugs and Cockroaches in Shock: Welcome to Animal Labs Version 2.0

Chair: Kevin Erdner (Southern Illinois University)  
Discussant: Jacob H. Daar (Northern Michigan University)

#### An Assessment of Escape Responding in the Madagascar Hissing Cockroach

LINDA MUCKEY and Mark R. Dixon (Southern Illinois University)

#### Assessment of the Interaction of Nicotine and Its Metabolites

BRADY J. PHELPS, Katelynn Erickson, Skyline Dvoracek, and Shafiqur Rahman (South Dakota State University)

#### #350 Invited Presenter

#### Supervision

6:00 pm–6:50 pm  
Manchester Grand Hyatt, Harbor Ballroom D-F  
EDC; Service Delivery  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Florence D. DiGennaro Reed, Ph.D.

#### Using Behavioral Science to Support Educators During Consultation

Chair: Scott P. Ardoyn (UGA Center for Autism and Behavioral Education Research)

FLORENCE D. DIGENNARO REED (The University of Kansas)



Dr. Florence DiGennaro Reed, a board certified behavior analyst, received a doctorate in school psychology from Syracuse University. She also completed a clinical post-doctoral fellowship at the Institute for Child Development and a pre-doctoral internship in clinical psychology at the May Center for Education and Neurorehabilitation and the May Center for Child Development. Presently, Florence is an associate professor in and chairperson of the Department of Applied Behavioral Science at the University of Kansas where she directs the Performance Management Laboratory. Her research examines effective and efficient staff training and performance improvement practices. She also conducts translational research in on-campus laboratory facilities. Florence has published articles and book chapters on a variety of topics including training, performance management, assessment, and intervention. She has served on the editorial boards of *Journal of Applied Behavior Analysis*, *Journal of Behavioral Education*, *Behavior Analysis in Practice*, *The Psychological Record*, and *School Psychology Review* and is an associate editor for *Journal of Behavioral Education* and *Behavior Analysis in Practice*. Florence is co-editor of two books published through Springer titled *Handbook of Crisis Intervention for Individuals with Developmental Disabilities* and *Bridging the Gap Between Science and Practice in Autism Service Delivery*.

**Abstract:** Despite serving as effective change agents for clients, behavior analysts often struggle with motivating and supporting the educators with whom they consult. This presentation will propose a three-term model for targeting educator behavior, describe evidence-based performance management procedures, and share experimental data and case studies supporting the effectiveness of a behavior analytic approach to educator training and professional development.

#### #351 Symposium

6:00 pm–6:50 pm  
Marriott Marquis, Marina Ballroom F  
OBM; Applied Research  
BACB CE Offered. CE Instructor: Eli T. Newcomb, M.Ed.

#### OBM Research Innovations: From the Laboratory to the Office

Chair: Eli T. Newcomb (The Faison Center)

##### An Analysis of Inter-Employee Responding on the Performance Diagnostic Checklist: Human Services

TING CHEN (The Faison Center), Byron J. Wine (The Faison Center)

##### It's Good to Shut the Hood: Decreasing Energy Consumption in University Laboratories With Behavioral Science

NELMAR JACINTO CRUZ, Nicholas Matey, Scott Michael Curry, Ronald Joseph Clark, and Nicole Gravina (Florida Institute of Technology)

##### An Analysis of the Role of Reactivity in the Observer Effect

ALLISON KING, Nicole Gravina, and Andressa Sleiman (Florida Institute of Technology)

#### #352 Symposium

6:00 pm–6:50 pm  
Manchester Grand Hyatt, Seaport Ballroom C  
PRA/PCH; Service Delivery  
BACB CE Offered. CE Instructor: Shannon Shea McDonald, M.S.

#### Beyond Autism: Expanding Our Scope of Practice by Examining Licensing Laws, How to Broaden Our Scope of Practice, and Results of ABA Intervention on Typically Developing Children

Chair: Shannon Shea McDonald (Endicott College; WCI - Work, Community, Independence)  
Discussant: Michael Weinberg (Amego, Inc)

**The Narrowing Scope of Practice in Applied Behavior Analysis**  
SHANNON SHEA MCDONALD (Endicott College)

**An Effective Use of ABA to Improve the Social Skills of Severely At-Risk Youth**  
KATE MERRILL (COMPASS)

**#353 Panel Discussion**

6:00 pm–6:50 pm  
Manchester Grand Hyatt, Seaport Ballroom DE  
PRA; Service Delivery

**Continuing Insight on Increasing Behavior Technician Retention**

Chair: Gabriela Zapatero McWhorter (Old Dominion University)  
GABRIELA ZAPATERO MCWHORTER (Old Dominion University)  
JOYCE ORD (Butterfly Effects)  
LISA OZOWARA (Navigation Behavioral Consulting)

**#354 Panel Discussion**

6:00 pm–6:50 pm  
Manchester Grand Hyatt, Seaport Ballroom B  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: Ashley Williams, M.S.

**Guidance for Clinicians on Navigating Peer Reviews and Appeals for Insurance-Funded ABA**

Chair: Nicole Miller (ABACS)  
JULIE KORNACK (Center for Autism and Related Disorders)  
BRANDON HERSCOVITCH (ABACS)  
ASHLEY WILLIAMS (ABACS)

**#355 Panel Discussion**

**Ethics**

6:00 pm–6:50 pm  
Manchester Grand Hyatt, Seaport Ballroom A  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: Melissa L. Olive, Ph.D.

**Strictly Business: How the BACB Professional and Ethical Code of Conduct Makes for Good Business Policies and Decision-Making**

Chair: Melissa L. Olive (Applied Behavioral Strategies LLC)

MEGAN MILLER (FSU CARD; Navigation Behavioral Consulting)  
WILLIAM TIM COURTNEY (Little Star Center)  
MELISSA L. OLIVE (Applied Behavioral Strategies LLC)

**#356 Panel Discussion**

6:00 pm–6:50 pm  
Marriott Marquis, Grand Ballroom 7-9  
SCI; Theory  
BACB CE Offered. CE Instructor: Marcus Jackson Marr, Ph.D.

**Selection by Resonances**

Chair: Marcus Jackson Marr (Georgia Tech)

JACK J. MCDOWELL (Emory University)  
PETER R. KILLEEN (Arizona State University)  
J. A. SCOTT KELSO (Florida Atlantic University)

**#357 Business Meeting**

7:00 pm–7:50 pm  
Marriott Marquis, San Diego Ballroom B

**Autism Special Interest Group: Business Meeting**

Chair: Justin B. Leaf (Autism Partnership Foundation)

The meeting will review past and current activities/initiatives of the SIG. We will discuss future directions of the SIG, new bylaws, and awards. The meeting will also include a discussion of topics related to autism intervention.

**#358 Business Meeting**

7:00 pm–7:50 pm  
Marriott Marquis, Presidio 1-2

**Military and Veterans Issues Special Interest Group**

Chair: Abigail B. Calkin (Calkin Consulting Center)

The Military and Veterans SIG is devoted to the application of behavior analysis to military service members' and veterans' issues. This is a group whose emphasis concerns US/UK/Canadian veterans of all wars. Governments have been concerned about the number of veterans suffering from brain or spinal injuries, post traumatic stress, suicidal issues, lack of access to social services, and addiction problems related to their active duty service. In each of these areas behavior analysis has developed effective treatments. This SIG promotes awareness of these issues and facilitates the research and practice of ABA with this population.

**#359 Business Meeting**

7:00 pm–7:50 pm  
Marriott Marquis, San Diego Ballroom A

**Verbal Behavior Special Interest Group**

Chair: April N. Kisamore (Hunter College)

The purpose of this business meeting is to update members on ways the VB SIG has been promoting theory, research, and practice in Verbal Behavior. There will be presentations from the Chair, TAVB Editor, Student Liaison, and other officers. We will present awards to the winners of the VB SIG Student Research Competition, the VB SIG Student Grant Competition, and the Jack Michael Award. Attendees may become members prior to attending the meeting or at the front door. We will provide all attendees with a new issue of the VB SIG newsletter, VB News.

**#360 Business Meeting**

7:00 pm–7:50 pm  
Marriott Marquis, Marina Ballroom D

**Perspectives on Behavior Science**

Chair: Donald A. Hantula (Temple University)

Annual meeting for editorial board members and prospective authors.

**#361 Business Meeting**

7:00 pm–7:50 pm  
Marriott Marquis, San Diego Ballroom C

**Journal of Applied Behavior Analysis**

Chair: Robin K. Landa (Western New England University)

The current editor of the *Journal of Applied Behavior Analysis* will present the annual report and discuss journal policies and initiatives. All interested parties are encouraged to attend.

**#362 Business Meeting**

7:00 pm–7:50 pm  
Marriott Marquis, Rancho Santa Fe 1-3

**Health, Sports, and Fitness SIG**

Chair: Gabrielle Trapenberg Torres (Behavior Basics LLC)

All conference attendees interested in behavior analytic applications in health, sport, and fitness are welcome. During this meeting, the business of the special interest group will be conducted. This year we will focus on funding for students, supervision options and discussion of current and future research projects and collaborations. The aim will be to facilitate collaborations and stimulate discussion on HSF related topics. Anyone interested in these areas should attend.

**#363 Business Meeting**

7:00 pm–7:50 pm  
Marriott Marquis, Marina Ballroom E

**Behavior Analysis for Sustainable Societies**

Chair: Julia H. Fiebig (Ball State University; ABA Global Initiatives LLC)

The behavior analysis for sustainable societies (BASS) special interest group was formed to advance applications of behavior analysis to environmental issues that contribute to the development of solutions to climate change, pollution, overconsumption of resources, and imbalances in environmental



sustainability. Objectives include to (a) encourage and support research that promotes the application of behavior analysis to green/environmental issues, (b) collaborate with environmental scientists, environmental groups, and other SIGs within ABAI who have an interest in addressing behavior change and sustainability/environmental issues, (c) disseminate research and practices that support solutions to environmental issues through the application of behavioral interventions, (d) develop curriculum, textbooks, and additional educational resources that address sustainability and the application of behavior analysis, (e) compile resources for individuals interested in behavior change and environmental issues, and (f) develop an information base of current effective practices/initiatives, government policies, and employment for behavior analysts interested in behavior change and environmental issues. The business meeting is open to anyone interested in sustainability and environmental issues.

#### #364 Special Event

7:00 pm–7:50 pm  
Marriott Marquis, Marina Ballroom F

#### New US and Non-US Program Accreditation Through the ABAI Accreditation Board

Chair: Jenna Lynn Mrljak (Association for Behavior Analysis International)

This is an open meeting to disseminate information to programs interested in pursuing accreditation through the Association for Behavior Analysis International.

#### #365 Business Meeting

7:00 pm–7:50 pm  
Marriott Marquis, Marina Ballroom G

#### Student Committee Business Meeting

Chair: Lorraine A Becerra (Utah State University)

ABAI Student members constitute a significant portion of the association's total membership. The ABAI Student Committee's mission is to provide organizational support for all ABAI Student members in order to promote participation in ABAI, as well as professional growth, and to enable members to contribute to the science of behavior analysis. The student business meeting will facilitate conversations concerning student issues, their involvement, and how we can better serve students with respect to their professional development. This business meeting will also serve to update students on current activities and recruit students interested in serving on the Executive Council or other Student Subcommittees (e.g., academic engagement, events, and outreach).

#### #366 Reunion

8:00 pm–10:00 pm  
Manchester Grand Hyatt, Seaport Ballroom B

#### Florida Institute of Technology Reunion

Chair: Jose A. Martinez-Diaz (Florida Institute of Technology; ABA Tech)

Florida Institute of Technology's department of Continuing Education invites students, alumni, faculty and friends to reunite with fellow classmates, faculty and to meet new ones while we celebrate more than a decade of helping students accomplish their dreams.

#### #367 Reunion

8:00 pm–10:00 pm  
Manchester Grand Hyatt, Regatta ABC

#### Northeastern University Reunion

Chair: Laura L. Dudley (Northeastern University)

Northeastern University alumni, students, faculty and friends are invited to reunite with old friends and learn about our current programs in behavior analysis. Whether you graduated in 1979 or 2009, we hope you will join us to reminisce!

#### #368 Reunion

8:00 pm–10:00 pm  
Manchester Grand Hyatt, Harbor Ballroom HI

#### Behavior Analysis Program at University of Nevada, Reno

Chair: Ramona Houmanfar (University of Nevada, Reno)

This year marks the 27th Anniversary of the Behavior Analysis Program at UNR. We are looking forward to reuniting with old friends, making new friends, and celebrating our accomplishments at ABAI 2018: (1) We were awarded the "Organizational Enduring Contribution to Behavior Analysis" award by the Society for Advancement of Behavior Analysis in May 2010. (2) Our Program has Conferred over 40

Ph.D. degrees. (3) Our On-Campus Master's program has conferred over 80 Master's degrees. (4) Our Satellite Master's program has conferred over 100 Off-campus Master's degrees in multiple national and international locations. (5) Our undergraduate specialization in behavior analysis received ABAI accreditation in 2016.

#### #369 Reunion

8:00 pm–10:00 pm  
Manchester Grand Hyatt, Harbor Ballroom C

#### Western Michigan University Reunion

Chair: Stephanie M. Peterson (Western Michigan University)

Students, faculty, alumni and friends of the Department of Psychology at Western Michigan University are invited to join us for fellowship and fun. We would love to see you at our reunion!

#### #370 Reunion

8:00 pm–10:00 pm  
Manchester Grand Hyatt, Coronado Ballroom DE

#### University of Kansas

Chair: Edward K. Morris (The University of Kansas)

2014 marked the 50th anniversary of the founding of the University of Kansas behavior analysis program. It began in 1964 as the Department of Human Development and Family Life (1964-2004) and evolved, later, into the Department of Applied Behavioral Science (2004-present). The ABAI reunion offers anyone associated with the program an opportunity to meet again and to meet anew, including current and past faculty members, undergraduate and graduate students, alumni and friends of the departments, and their families. The next 50 years have begun.

#### #371 Reunion

8:00 pm–10:00 pm  
Manchester Grand Hyatt, Old Town AB

#### University of North Texas Department of Behavior Analysis Reunion

Chair: Jesus Rosales-Ruiz (University of North Texas)

Students, faculty, alumni, and friends of the Department of Behavior Analysis at the University of North Texas (UNT) are invited to reunite with old friends and meet new ones as we celebrate more than three decades of excellence and achievement in behavior analysis at UNT.

#### #372 Reunion

8:00 pm–10:00 pm  
Manchester Grand Hyatt, Coronado Ballroom AB

#### University of Florida

Chair: Jesse Dallery (University of Florida)

We will be hosting a reunion for all University of Florida alumni, current students, current and past faculty, and friends of the program.

#### #373 Reunion

8:00 pm–10:00 pm  
Manchester Grand Hyatt, Seaport Ballroom G

#### The Chicago School, B. F. Skinner Foundation, and Cambridge Center for Behavioral Studies Reunion

Chair: Leslie A. Morrison (The Chicago School of Professional Psychology, Southern California)

This event provides an opportunity for all ABAI convention attendees involved with or interested in the B. F. Skinner Foundation, the Cambridge Center for Behavioral Studies, and the Applied Behavior Analysis (ABA) Departments of The Chicago School of Professional Psychology (Chicago, Southern California, Washington D.C., and Online campuses) to get together, get updates on activities, and make plans for the future. Dr. Julie Vargas and Dr. Joyce Tu will be present on behalf of the BF Skinner Foundation; Dr. Rob Holdsambeck and Dr. Hank Pennypacker will represent the Cambridge Center; and Dr. Ashley Whittington-Barnish, Dr. Leslie Morrison, Dr. Mary Caruso-Anderson and Dr. Susan Flynn will represent the ABA Departments of The Chicago School in Chicago, Southern California, D.C., and Online respectively. This event is a great time to meet a diverse group of behavior analysts and friends of behavior analysis, from students to seasoned faculty, to well-known researchers in the field. All ABAI attendees are invited to network, discuss common interests, and have an all-around good time!

### #374 Reunion

8:00 pm–10:00 pm  
Manchester Grand Hyatt, Harbor Ballroom B

#### St. Cloud State University Reunion

Chair: Gerald C. Mertens (St. Cloud State University)

Hosts: Eric Rudrud, Kim Schulze, Michele Traub, Ben Witts, and Jerry Mertens. Current and former students, faculty, and friends are invited to join us for an evening of celebrating and good conversation to share stories, meet new friends, see old friends, win door prizes, share a snack, tell us what you have been doing (or plan to do when you grow up), or share some common interests. Please contact me if you are coming, I will try to keep you current on new plans for San Diego, and certainly do suggest activities if you have any.

### #375 Reunion

8:00 pm–10:00 pm  
Manchester Grand Hyatt, America's Cup A-D

#### Simmons College, Department of Behavior Analysis Reunion

Chair: Russell W. Maguire (Simmons College)

All current students, faculty, alumni, staff and friends are invited to join us at this year's Simmons College reunion.

### #376 Reunion

8:00 pm–10:00 pm  
Manchester Grand Hyatt, Seaport Ballroom C

#### The Sage Colleges Alumni and Current Student Get-Together!

Chair: Cheryl J. Davis (The Sage Colleges and SupervisorABA)

Current students, faculty, alumni and friends of The Center for Applied Behavior Analysis at The Sage Colleges are invited to mingle with each other as we actually see each other face to face! This will be a great time to meet professors, students you had classes with as well as new friends. This will surely be a great time for us all!

### #377 Reunion

8:00 pm–10:00 pm  
Manchester Grand Hyatt, Seaport Ballroom A

#### Texas State University Alumni and Faculty Reunion

Chair: Evelyn Amanda Boutot (Texas State University)

Catch up with former classmates and Drs. Boutot & Lang as we host our second annual TSU Alumni/Faculty Reunion. Stop by with your favorite beverage and we will give you a cookie!

### #378 Reunion

8:00 pm–10:00 pm  
Manchester Grand Hyatt, Ocean Beach

#### California State University, Northridge Reunion

Chair: Debra Berry Malmberg (California State University, Northridge)

Come meet with your peers and faculty at California State University Northridge's Applied Behavior Analysis reunion. A great opportunity to mingle with old friends, meet new colleagues, and celebrate our commitment to ABA.

### #379 Reunion

8:00 pm–10:00 pm  
Manchester Grand Hyatt, Seaport Ballroom DE

#### Annual Celebration for Beacon ABA Services, Beacon CT, Evergreen Center, and Friends of MassABA

Chair: Steven Woolf (Beacon ABA Services)

All colleagues, acquaintances, friends, and staff are invited to an evening of engaging social interactions, spirits/food, and team trivia.

### #380 Reunion

8:00 pm–10:00 pm  
Manchester Grand Hyatt, Harbor Ballroom D-F

#### Columbia University Teachers College and CABAS

Chair: R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

This event is a social gathering for current students and graduates of the programs in Teaching as Applied Behavior Analysis of Teachers College and Columbia University Graduate School of Arts and Sciences, as well as CABAS professionals and friends from around the world.

### #381 Special Event

8:00 pm–10:00 pm  
Manchester Grand Hyatt, Harbor Ballroom A

#### Friends of SABA Reunion

Chair: Marcus Jackson Marr (Georgia Tech)

ABAI members who donated to the Society for the Advancement of Behavior Analysis (SABA) in 2016 and 2017 are invited to a reception in honor of their contributions and commitment to the field. We are grateful for the generosity of those who support the activities of ABAI and SABA.

### #382 Reunion

8:00 pm–10:00 pm  
Manchester Grand Hyatt, Gaslamp AB

#### Arizona Association for Behavior Analysis

Chair: Aaron Blocher-Rubin (Arizona Autism United)

A get together for Arizona BCBAs and members of AzABA.

### #383 Reunion

8:00 pm–10:00 pm  
Manchester Grand Hyatt, Seaport Ballroom F

#### University of North Carolina Wilmington Reunion

Chair: Christine E. Hughes (University of North Carolina Wilmington)

Students, faculty, alumni, and friends of the Behavior Analysis program at the University of North Carolina Wilmington are invited to reunite with old friends and meet new ones as we celebrate our MA and new Ph.D. program.

### #384 Reunion

8:00 pm–10:00 pm  
Manchester Grand Hyatt, Seaport Ballroom H

#### University of Cincinnati Reunion

Chair: Dacia McCoy (University of Cincinnati)

The Behavior Analysis Program at the University of Cincinnati is hosting a reunion. This is an informal time for all students, faculty, alumni, family, and friends of the program to mingle and network. Enjoy connecting with friends and meeting new ones!

### #385 Special Event

8:00 pm–10:00 pm  
Manchester Grand Hyatt, Mission Beach A-C

#### Perspectives on Behavior Science Launch Party!

Chair: Donald A. Hantula (Temple University)

Join hosts Don Hantula, Tom Critchfield, and Erin Rasmussen to celebrate ABAI's newest and oldest journal, Perspectives on Behavior Science. The journal formerly known as The Behavior Analyst is rebranded with a new mission and focus. Perspectives on Behavior Science is ABAI's flagship journal and will feature the best on theory and methodology papers in the field.

## #386 Reunion

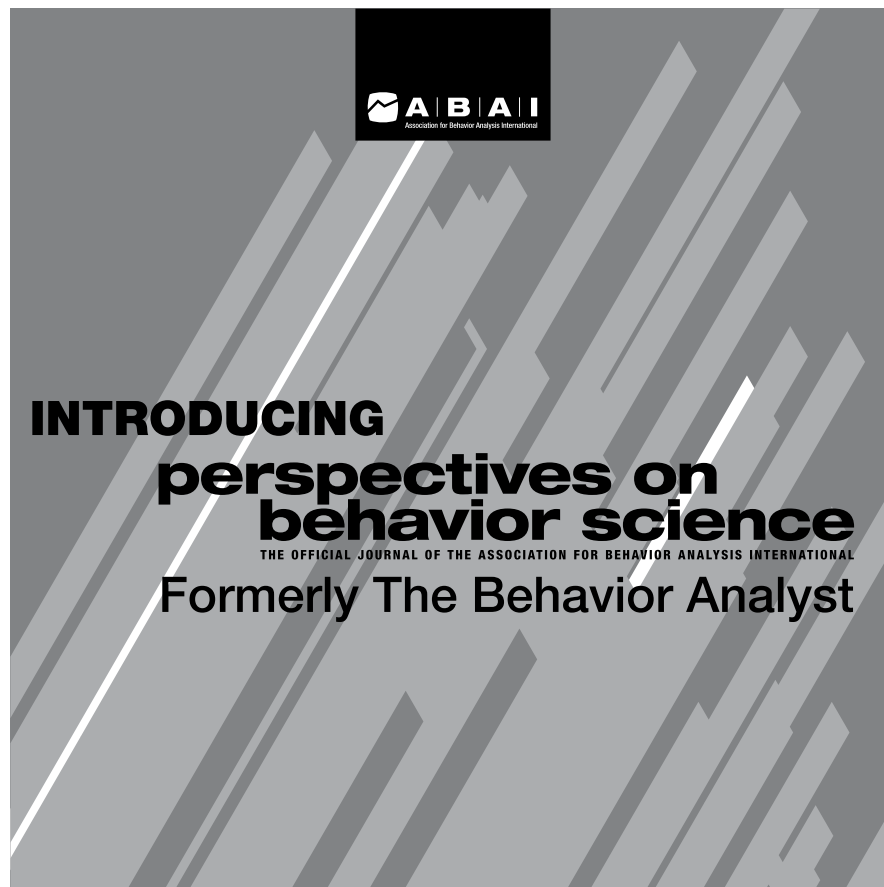
8:00 pm–10:00 pm

Manchester Grand Hyatt, Harbor Ballroom G

### Speech Pathology Applied Behavior Analysis (SPABA) Special Interest Group Reunion, Social, and Networking Reception

Chair: Nikia Dower (Dower and Associates, Inc.)

The Speech Pathology and Applied Behavior Analysis (SPABA) Special Interest Group welcomes its members, and any other ABAI attendees, for an occasion of informal social interaction and dialogue. This is an opportunity for speech-language pathologists, behavior analysts, and students in the fields of speech/language pathology and/or ABA to meet and talk about areas of common professional interests in clinical practice and research as well as to further inter-professional collaboration. This social reception will provide our members and other interested professionals with ample opportunity to connect and converse. Bring your friends!



# The Psychological Record

Founded in 1937 by renowned interbehaviorist J. R. Kantor and with B. F. Skinner serving as the first experimental department editor, *The Psychological Record* has published psychological theory and research concerned with a broad range of scientific topics in the discipline throughout its long and esteemed history. The journal welcomes investigations of basic behavioral processes, as well as translational studies that bridge experimental and applied analyses of behavior. Conceptual articles pertinent to the theory and philosophy of behaviorism are also welcome.

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**SAN  
DIEGO** 2018

**MONDAY**  
MAY 28




# Manchester Grand Hyatt San Diego; Monday, May 28

	Room	6 am		7 am		8 am		9 am		10 am		11 am		12 pm		1 pm		2 pm	
		:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30
Fourth Level	Coronado AB							#409 CBM Ch. Jin ‡		#437 CBM Ch. Landa BQN				#467 CBM Stromer ‡ ‡ \$*					
	Coronado DE					#402 DEV Ch. Heimann ‡				#438 DEV Ch. Weber ‡				#469 DEV ‡ Ch. Singer-Dudek					
	Regatta A-C																		
	America's Cup A-D																		
Third Level	Cortez Hill A-C			#387 ABAI Bus. Mtg															
	Bankers Hill																		
	Ocean Beach																		
	Mission Beach A-C																		
Second Level	Harbor Ballroom AB					#393 EDC Ch. Hua ‡		#410 DDA Hall ‡		#427 DDA Bernstein		#454 DDA Crosland ‡							
	Harbor Ballroom C					#407 TBA Ch. Sella				#434 TBA Ch. Frieder ‡		#450 TBA Ch. McComas		#475 TBA Ch. Sandoz					
	Harbor Ballroom DEF																		
	Harbor Ballroom D																		
	Harbor Ballroom E																		
	Harbor Ballroom F																		
	Harbor Ballroom G																		
	Harbor Ballroom HI					#405 EDC Ch. Henley ‡				#458 EDC Ch. Glodowski ‡									
	Seaport Ballroom A					#400 PRA Ch. Rosswurm		#416 PRA ‡ Ch. Lambert		#440 PRA Ch. Shipley		#471 PRA Ch. McManus							
	Seaport Ballroom B					#397 PRA Ch. Kenyon ‡		#417 PRA ‡ Ch. McEachin		#433 PRA Ch. Peters ‡		#461 PRA Ch. Busch ‡							
	Seaport Ballroom C					#406 PRA Ch. Johnson ‡				#439 PRA Ch. Dorsey ‡		#472 PRA ‡ Ch. Biscontinì							
	Seaport Ballroom DE					#398 PRA Ch. Bailey ‡		#424 PRA Ch. Haddock ‡		#445 DDA Valdovinos ‡ ‡ \$*		#473 PRA Zwolak ‡ ‡ \$*							
	Seaport Ballroom F									#436 AUT Ch. Drew ‡		#463 AUT Ch. Frost ‡							
	Seaport Ballroom G					#391 AUT Ch. Rowsey ‡		#421 AUT Ch. Clark ‡				#452 AUT Ch. Isenhower ‡							
	Seaport Ballroom H					#392 AUT Ch. Yorlets ‡						#443 AUT ‡ Ch. Gayman		#464 AUT Ch. Pantano ‡					
	Gaslamp AB																		
	Gaslamp CD																		
	Old Town AB																		
Lobby Level	Grand Hall A							#411 DDA Kurtz ‡		#428 DDA Carrow ‡		#446 DDA Fritz ‡		#466 AUT Ch. Levato ‡					
	Grand Hall B					#408 VRB Ch. Dlouhy				#435 VRB Ch. Potter ‡		#451 AUT Ch. Bergman ‡							
	Grand Hall C					#401 AUT Ch. Lichtblau ‡				#425 AUT ‡ Ch. Pimpá-Graven		#453 AUT Ch. Paden ‡							
	Grand Hall D					#390 AUT Ch. Meshes ‡		#422 AUT Ch. Giles ‡				#442 AUT ‡ Ch. Rodgers		#465 AUT Ch. Root					

# Manchester Grand Hyatt San Diego; Monday, May 28

3 pm		4 pm		5 pm		6 pm		7 pm		8 pm		9 pm		10 pm		11 pm		Room
:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	
#504 CBM Ch. Ibanez ‡				#527 DEV Robbins ‡ ‡ §*														Coronado AB
#487 CBM Ch. Merahn		#512 DEV Ch. Ruiz																Coronado DE
																		Regatta A-C
																		America's Cup A-D
																		Cortez Hill A-C
																		Bankers Hill
																		Ocean Beach
																		Mission Beach A-C
#505 DDA Ch. Grow ‡																		Harbor Ballroom AB
																		Harbor Ballroom C
																		Harbor Ballroom DEF
																		Harbor Ballroom D
																		Harbor Ballroom E
																		Harbor Ballroom F
#492 EDC ‡ Ch. Domonchuk		#513 EDC Ch. Cihon		#529 EDC Ch. Yuan ‡														Harbor Ballroom G
#493 EDC Ch. Overcash ‡		#514 EDC Ch. Shapiro																Harbor Ballroom HI
#498 PRA ‡ Ch. Hammond		#519 PRA Ch. Freeman ‡		#532 PRA Ch. Wilczynski ‡														Seaport Ballroom A
#497 PRA Ch. Blackwell ‡		#524 EDC Ch. Pellecchia ‡																Seaport Ballroom B
#499 PRA Ch. Spiker		#518 PRA Ch. Morris ‡		#533 PRA Ch. Wilson ‡														Seaport Ballroom C
#500 PRA Ch. Jansz Rieken		#509 AUT Lerman		#531 PRA Ch. Neault ‡		#535a Addressing Diversity & Respect												Seaport Ballroom DE
#501 AUT Ch. Muething ‡																		Seaport Ballroom F
#503 AUT Ch. ‡																		Seaport Ballroom G
#485 AUT Ch. Beers ‡																		Seaport Ballroom H
																		Gaslamp AB
																		Gaslamp CD
																		Old Town AB
										ABAI Social								Grand Hall A
#502 AUT Ch. Miklos ‡*																		Grand Hall B
		#522 AUT Ch. Monlux ‡																Grand Hall C
#486 AUT Ch. Bernaldo		#521 AUT Ch. Gregori																Grand Hall D

## LEGEND

-  = Special and Invited Events
-  = B. F. Skinner Lecture Series
-  = Professional Development Series
- ‡ = PSY CE
- ‡ = BACB CE
- \$ = QABA CE
- \* = NASP CE
- Ch. = Chairperson

Marriott Marquis San Diego & Marina; Monday, May 28																			
	Room	6 am		7 am		8 am		9 am		10 am		11 am		12 pm		1 pm		2 pm	
		:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30
South Tower Level 3	Marina Ballroom D					#389 AAB Ch. Moschella		#420 AAB Ch. Morris †			#441 AAB Ch. Lagorio †	#462 Vitale Shreve							
	Marina Ballroom E					#395 OBM Ch. Stenhogg †		#413 OBM Ch. Cathey †	#430 OBM Ch. Fitchett †		#460 OBM Ch. Brand †								
	Marina Ballroom F					#394 OBM Ch. Sundberg †		#414 OBM Ch. Einars-son †	#431 OBM Ch. Foxall		#459 OBM Ch. Sigurdsson								
	Marina Ballroom G							#423 CSS Ch. Flynn †			#444 CSS Ch. Fong †	#468 CSS Ch. Perkins †							
	Del Mar			#387A Yoga															
Second Floor Lobby Level	San Diego Ballroom A					#396 PCH Ch. Tincani		#412 EAB Ch. Katz			#447 PCH Ch. Kelly †	#470 PCH Ch. Wolos-Zachmeier							
	San Diego Ballroom B					#388 SCI Galizio † ‡ §*	#418 SCI Vyse † ‡ §*	#429 EAB Spetch † ‡ §*			#455 EAB Ch. Madrigal-Alcaraz								
	San Diego Ballroom C					#404 EAB Ch. LaFrance †					#457 EAB Ch. Arntzen								
	Presidio 1																		
	Presidio 2																		
	Torrey Pines 1-3																		
	Rancho Santa Fe 1-3					#403 EAB Ch. Friedel			#432 PCH Ch. Ellfsen		#456 EAB Ch. Blackman †								
	Grand Ballroom Pre-Function			Registration															
	Grand Ballroom 1-6															Poster Sessions #476-481			
	Grand Ballroom 7-9					#399 PRA Binder † ‡ §*	#419 TBA Wang † ‡ §*	#426 CBM Hayes † ‡ §*	#449 SCI Stowers † ‡ §*	#474 SCI St. Peter † ‡ §*									
Grand Ballroom 7-13																			
Grand Ballroom 10-13							#415 PCH Ch. Vogt				#448 PCH Ch. Mechner								
First Floor	Pacific Ballroom 14-26			Bookstore												Poster Sessions #482-484			

Marriott Marquis San Diego & Marina; Monday, May 28																			
3 pm		4 pm		5 pm		6 pm		7 pm		8 pm		9 pm		10 pm		11 pm		Room	
:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30		
#489 CSS Ch. Esquiedo-Leal †		#511 CSS Ch. Britton		#526 CSS Ch. Totsch														Marina Ballroom D	South Tower Level 3
#495 OBM Ch. Eilers †		#516 OBM Ch. Albert †																Marina Ballroom E	
#494 OBM Ch. Roose		#515 OBM Ch. Ward †																Marina Ballroom F	
#488 CSS Ch. Zube †		#510 CSS Ch. Schneider †		#525 CSS Ch. Copell †														Marina Ballroom G	
																		Del Mar	
#506 EAB Ch. Cancado				#528 EAB Ch. Yencha														San Diego Ballroom A	Second Floor Lobby Level
#496 PCH De Rose † ‡ §*		#520 SCI Bodfish † ‡ §*		#534 SCI Gifford † ‡ §*													San Diego Ballroom B		
#491 EAB Ch. Hurtado-Parrado		#523 EAB Ch. DeRose															San Diego Ballroom C		
																		Presidio 1	
																		Presidio 2	
																		Torrey Pines 1-3	
#507 EAB Ch. Hackenberg †				#530 PCH Ch. Barbarini †														Rancho Santa Fe 1-3	
Registration																		Grand Ballroom Pre-Function	
																		Grand Ballroom 1-6	
#490 DEV Pohl † ‡ §		#517 OTH Mayo † ‡																Grand Ballroom 7-9	
						#535 † ‡ §* Presidential Address												Grand Ballroom 7-13	
#508 PCH Ch. Dickson †																		Grand Ballroom 10-13	
Bookstore																		Pacific Ballroom 14-26	First Floor

LEGEND

= Special and Invited Events

= B. F. Skinner Lecture Series

= ABAI Services

= Professional Development Series

†

= PSY CE

‡

= BACB CE

§

= QABA CE

\*

= NASP CE

Ch.

= Chairperson



# Ball State Online



## Innovative Degree Programs and Graduate Certificates in ABA and Special Education

Get the skills, knowledge, and certification you need to begin or further your career in applied behavior analysis or special education with Ball State Online. We offer three degree programs and five graduate certificates—all offered online so you can learn, grow, and excel on your time, around your schedule.

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- Master's in ABA with an emphasis in autism
- Master's in Special Education

### Graduate Certificates

- Applied Behavior Analysis
- Autism
- Disabilities for Post-Secondary Settings
- Emotional and Behavioral Disorders
- Response to Intervention

Stop by our booth today to learn more.



The Behavior Analyst Certification Board (BACB), Inc. has approved our programs as meeting the coursework requirements for eligibility to take the BCaBA or BCBA exams.

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[bsu.edu/online](http://bsu.edu/online)



### #387 Special Event

7:00 am–7:50 am  
Manchester Grand Hyatt, Cortez Hill A-C  
OTH; Service Delivery

### ABAI Annual Business Meeting

Chair: Michael J. Dougher (President, Association for Behavior Analysis International)

RONNIE DETRICH (Practice Board Coordinator)  
MARIA E. MALOTT (Chief Executive Officer, Association for Behavior Analysis International)  
MICHAEL PERONE (Accreditation Board Coordinator)  
DEREK D. REED (Science Board Coordinator)  
RUTH ANNE REHFELDT (Publication Board Coordinator)  
FEDERICO SANABRIA (Program Board Coordinator)  
WENDY DONLIN WASHINGTON (Membership Board Coordinator)

**Abstract:** The purpose of the annual meeting of members is for ABAI leadership to provide an update on the ongoing activities of and major developments in the association.

### #387A Special Event

7:00 am–7:50 am  
Marriott Marquis, Del Mar

### Yoga: Revive and Refresh--Sponsored by the HSF SIG

Chair: Karolina Gburczyk (HSF SIG)

Revive and refresh from the busy conference with this yoga session open to all. No experience necessary to participate. A certified instructor will take you through this 1 hour long mixed level yoga class. Bring a mat or towel and wear comfortable clothes (no shoes).

### #388 Invited Presenter

8:00 am–8:50 am  
Marriott Marquis, San Diego Ballroom B  
SCI

### Behavioral Pharmacology of Prescription Drugs: Their Effects on Learning and Remembering

Chair: Jonathan W. Pinkston (Western New England University)

MARK GALIZIO (University of North Carolina Wilmington)



Dr. Mark Galizio earned his Ph.D. from the University of Wisconsin - Milwaukee and currently serves as professor of psychology at the University of North Carolina Wilmington, having previously served as department chair (2004–2011). Dr. Galizio's highly productive research career includes more than 80 published articles and chapters, a textbook now in its seventh edition, an edited book, more than \$1 million in grants, service as associate editor and editorial board member of multiple prominent behavior analytic journals, and extensive leadership service to the field (e.g., president of APA Division 25, NIH Study Section on Biobehavioral Regulation, Learning, and Ethology). His contributions have included empirical, conceptual, and methodological advances across an impressive range of specialties within the experimental analysis of behavior, including rule-governed behavior, aversive control, complex stimulus control, behavioral pharmacology, and learning and remembering. His work exemplifies the best of the benefits of translational research, taking a thoroughly behavior analytic approach to issues of broader interest in the behavioral, social, and biological sciences, for which he has been recognized as a Fellow in four different divisions of APA. Dr. Galizio's teaching and mentorship are also noteworthy, and have resulted in numerous awards and recognitions.

**Abstract:** This talk will provide a brief overview of procedures used in the behavioral pharmacology of learning and remembering with a focus on prescription drugs used to treat clients with intellectual disabilities. The talk will also provide a more detailed analysis of research using novel procedures that vary the number of stimuli to remember as well as the retention interval. We will briefly review findings from the animal laboratory on drugs that impair learning and memory as well as the search for "cognitive enhancers." Factors that have made it difficult to translate findings from the animal behavioral pharmacology laboratory to improvements in human learning and remembering will be discussed and we will consider the implications of these difficulties for the treatment of clients with intellectual disabilities.

Monday, May 28

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### #389 Symposium

8:00 am–8:50 am  
Marriott Marquis, Marina Ballroom D  
AAB/EAB; Applied Research

#### **The Assessment of Reinforcers for Shelter Dog Behavior**

Chair: Jonpaul D. Moschella (California State University, Fresno)  
Discussant: Erica N. Feuerbacher (Virginia Tech)

##### **Descriptive Analysis of Contingencies Maintaining Problem Behavior in Shelter Dogs**

JANISA GRISOM and Steven W. Payne (California State University, Fresno)

##### **The Assessment and Conditioning of Attention as a Reinforcer for Shelter Dog Behavior**

ALYSSA SALAZAR, Steven W. Payne, Sarah Orique, Martha Cisneros, Maria Salmeron, Cintya Fulgencio, and Sandra Alex Ruby (California State University, Fresno)

### #390 Symposium

8:00 am–8:50 am  
Manchester Grand Hyatt, Grand Hall D  
AUT/PCH; Service Delivery  
BACB CE Offered. CE Instructor: Elizabeth Meshes, M.S.

#### **Acceptance and Commitment Therapy and Applied Behavior Analysis: Investigations of Experiential Avoidance in Individuals With Autism Spectrum Disorder**

Chair: Elizabeth Meshes (The Chicago School for Professional Psychology, Los Angeles; CARD)

##### **Synthesizing Acceptance and Commitment Therapy and Delay Discounting: Implications for Applied Behavior Analysis**

ELIZABETH MESHES (The Chicago School of Professional Psychology, Los Angeles; CARD) and Jonathan J. Tarbox (University of Southern California; FirstSteps for Kids)

##### **Acceptance and Commitment Training's Effect on Negative Thoughts: Changing the Verbal Self Statements and Physiological Responses of Adolescents and Young Adults With Autism**

JESSICA M. HINMAN (Southern Illinois University Carbondale) and Ruth Anne Rehfeldt (Southern Illinois University)

##### **Effects of Defusion and Deictic Frames Interactions on the Development of Self-As-Context in Individuals With Autism**

SEBASTIAN GARCIA-ZAMBRANO (Southern Illinois University Carbondale) and Ruth Anne Rehfeldt (Southern Illinois University)

### #391 Symposium

8:00 am–8:50 am  
Manchester Grand Hyatt, Seaport Ballroom G  
AUT/VRB; Service Delivery  
BACB CE Offered. CE Instructor: Autumn N. McKeel, Ph.D.

#### **Training Strategies to Enhance the Implementation of Promoting the Emergence of Advanced Knowledge (PEAK) Relational Training System**

Chair: Kyle E Rowsey (University of Southern Mississippi)

##### **Targeting Staff Treatment Integrity of the PEAK Relational Training System Using Behavioral Skills Training**

ADAM DELINE HAHS and James Jarynowski (Arizona State University)

##### **Improving Selection of Training Stimuli in Advanced PEAK-DT Programs With Multiple Exemplars**

SETH W. WHITING, Marcel Kirberg, Molly M. Conway, and Daniel Abraham Moreno (Central Michigan University)

##### **The Effects of Paraprofessional Implementation of PEAK Relational Training System: Equivalence and Transformation Modules in an Autism Classroom**

AUTUMN N. MCKEEL and Kari Smith (Aurora University)

### #392 Symposium

8:00 am–8:50 am  
Manchester Grand Hyatt, Seaport Ballroom H  
AUT; Service Delivery  
BACB CE Offered. CE Instructor: Christina M. King, Ph.D.

#### **Analyses of Equivalence-Based Instruction Using Three Different Training Structures**

Chair: Colleen Yorlets (RCS Behavioral & Educational Consulting; Simmons College)

#### **Emergent Coin Relations and Stimulus Generalization Following Conditional Discrimination Training**

MEGAN BREault, Christina M. King, and Colleen Yorlets (RCS Learning Center; Simmons College) and Russell W. Maguire (Simmons College)

#### **Categorization and the Emergence of Selection and Topography-Based Verbal and Non-Verbal Behavior**

CHRISTINA M. KING, Colleen Yorlets, and Megan Breault (RCS Learning Center; Simmons College); Lauren Donovan and Jessica Byrne (RCS Learning Center); and Russell W. Maguire (Simmons College)

#### **Comparison of an Errorless Learning to a Trial-and-Error Protocol on Equivalence Class Formation**

Russell W. Maguire (Simmons College) and Megan Breault, COLLEEN YORLETS, and Christina M. King (RCS Learning Center; Simmons College)

### #393 Symposium

8:00 am–8:50 am  
Manchester Grand Hyatt, Harbor Ballroom AB  
EDC/PRA; Service Delivery  
BACB CE Offered. CE Instructor: Youjia Hua, Ph.D.

#### **Improve Learning Outcomes of Children With Autism in China**

Chair: Youjia Hua (The University of Virginia)  
Discussant: David L. Lee (Penn State)

##### **Improve Early Intensive Behavioral Intervention Procedural Integrity Using Distance Learning Technologies for Teachers in China**

JING ZHU (University of Iowa)

##### **Comparing Error-Correction Procedures in Early Behavioral Intervention for Children With Autism in China**

CHENGAN YUAN (The University of Iowa) and Youjia Hua (University of Virginia)

### #394 Symposium

8:00 am–8:50 am  
Marriott Marquis, Marina Ballroom F  
OBM/AUT; Service Delivery  
BACB CE Offered. CE Instructor: Daniel B. Sundberg, Ph.D.

#### **Organizational Behavior Management and Beyond: Case Studies in Organizational Behavior Management**

Chair: Daniel B. Sundberg (Kendrick Realty, Inc)

##### **Behavior Analysis in Real Estate? A Case Study in Organizational Behavior Management**

DANIEL B. SUNDBERG (ABA Technologies) and Lisa M Sickman (Kendrick Realty, Inc.)

##### **Increasing Contract Fulfillment Using Organizational Behavior Management and Behavioral Systems Analysis**

MARI R. UEDA-TAO and Brenda J. Terzich Garland (Applied Behavior Consultants, Inc.) and Daniel B. Sundberg (ABA Technologies)

##### **A Behavior Analytic Understanding of the Change Management Protocol Awareness, Desire, Knowledge, Ability, and Reinforcement**

AIMEE PACK (ACES)

### #395 Symposium

8:00 am–8:50 am  
Marriott Marquis, Marina Ballroom E  
OBM/PRA; Service Delivery  
BACB CE Offered. CE Instructor: Donald M. Stenhoff, Ph.D.

#### **Clinical and Educational Applications and Analyses of Behavioral Skills Training for Increasing Staff Effectiveness**

Chair: Donald M. Stenhoff (Arizona State University)

##### **Improving Staff Involvement During Recess Through Behavioral Skills Training**

Elizabeth Singer, Donald M. Stenhoff, and SHRAVYA SRINIVAS SANAGALA (Arizona State University)

##### **Promoting Data-Based Decision-Making Skills With Behavioral Staff Using Behavioral Skills Training**

ELIZABETH SINGER and Donald M. Stenhoff (Arizona State University)

##### **A Component Analysis of Behavioral Skills Training on Staff Implementation of Discrete-Trial Teaching**

CHRISTINE HERRERA, Donald M. Stenhoff, and Adam DeLine Hahs (Arizona State University)

### #396 Paper Session

8:00 am–8:50 am  
Marriott Marquis, San Diego Ballroom A  
PCH

#### Setting Standards: Guidelines for Treatment Effects and Publishing

Chair: Matthew Tincani (Temple University)

##### Publishing ABA Research That Does Not Demonstrate Experimental Control: Rationale, Considerations, and Tentative Guidelines (Applied Research)

Matthew Tincani (Temple University) and JASON TRAVERS (The University of Kansas)

##### Standard Setting in Determining the Effectiveness of Treatment (Theory)

Ray Brogan and NELLY DIXON (Kaplan University)

### #397 Panel Discussion

#### Ethics

8:00 am–8:50 am  
Manchester Grand Hyatt, Seaport Ballroom B  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: Paula Ribeiro Braga Kenyon, Ph.D.

#### Crossing the Borders With Behavior Analysis: Barriers Encountered by Our Workforce When Interacting With Different Cultures

Chair: Shawn E Kenyon (Palm Springs Unified School District; Northeastern University)

PAULA RIBEIRO BRAGA KENYON (Trumpet Behavioral Health)

ZACHARY C. BIRD (Perkins School for the Blind)

### #398 Panel Discussion

#### Ethics

8:00 am–8:50 am  
Manchester Grand Hyatt, Seaport Ballroom DE  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: Jon S. Bailey, Ph.D.

#### Ethicists Deconstruct Unethical Conduct

Chair: Jon S. Bailey (Florida State University)

THOMAS L. ZANE (The University of Kansas)

MARY JANE WEISS (Endicott College)

JON S. BAILEY (Florida State University)

### #399 Invited Presenter

#### Recorded

8:00 am–8:50 am  
Marriott Marquis, Grand Ballroom 7-9  
PRA  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Carl V. Binder, Ph.D.

#### Don Baer Lecture: Simple Is Better: Helping Ordinary People Apply Behavior Science

Chair: Robert K. Ross (Beacon ABA Services)

CARL V. BINDER (The Performance Thinking Network, LLC)



Dr. Carl Binder is CEO of The Performance Thinking Network, LLC, where he develops performance consultants, leaders and managers in organizations worldwide. Starting in 1970 as a student with B.F. Skinner at Harvard, he worked for ten years in B.H. Barrett's Behavior Prosthesis Lab, conducting laboratory and classroom research and training teachers. An early contributor to Precision Teaching, he was mentored by Ogden Lindsley and Eric Haughton. In 1982, he founded his first consulting firm, Precision Teaching and Management Systems, Inc., and became active in the International Society for Performance Improvement (ISPI) where his mentors included Tom Gilbert, Joe Harless, Robert Horn and Donald Tosti. He founded Product Knowledge Systems, Inc., a Boston consulting firm specializing in sales enablement for Global 1000 companies. Carl is currently known for Six Boxes Performance Thinking, a plain English viral approach to organizational performance improvement. APA Division 25 honored Carl with the Fred S. Keller Award (2004), ISPI recognized his contributions to performance improvement with Honorary Lifetime Membership (2009) and the Thomas F. Gilbert Award (2012), and the OBM Network gave him its Lifetime Achievement Award (2015). Contact Carl at carlbinder@sixboxes.com and learn more about his work at [www.sixboxes.com](http://www.sixboxes.com) and [www.fluency.org](http://www.fluency.org).

**Abstract:** As with scientists and technicians in many fields, we applied behavior scientists use precise language and we value our language highly. In addition, we often value detail and complexity because

they illustrate the depth of our analysis of behavior and of the variables that influence it. But when we attempt to engage clients, parents, colleagues in other disciplines, and others not schooled in our science, our language and the complexity of our analyses and models often become barriers. We must not be simplistic in our communication with others, but we need to learn how to be simple. We can accelerate our impact by using language, models, and concepts that make sense to ordinary people and are relatively intuitive for them. We want people to “get it,” and simplicity can help. Carl Binder has spent the 47 years since he first studied with B.F. Skinner learning from masters in the field of behavior science and performance engineering, and attempting to pass on what he learns to others. He has consulted with, trained and coached educators, parents, clients, business people, training and process professionals, and others not schooled in behavior science. In this lecture he will trace a path from Skinner's elegant measurement technology through his own work in precision teaching, behavioral fluency, sales and marketing enablement, organizational performance consulting, leadership and management, and talent development with examples of how simplicity and plain language have enabled “viral” diffusion of models and methods in organizations and communities. Key takeaways will include the forewarning that things get complicated before they get simple, and that we need to develop intermediate vocabularies that link our science with the vocabularies and experience of ordinary people who can benefit from what we can provide.

### #400 Panel Discussion

8:00 am–8:50 am  
Manchester Grand Hyatt, Seaport Ballroom A  
PRA; Service Delivery

#### At the Intersection of the Company and the Code

Chair: Mary Rosswurm (LittleStar ABA Therapy)

DANIEL UNUMB (National Autism Law Center)

MICHELE TRIVEDI (The ARC of Indiana)

MARY ROSSWURM (LittleStar ABA Therapy)

### #401 Symposium

8:00 am–9:50 am  
Manchester Grand Hyatt, Grand Hall C  
AUT/DDA; Applied Research  
BACB CE Offered. CE Instructor: Jeffrey H. Tiger, M.A.

#### Functional Communication Training

Chair: Katie Lichtblau (University of Nebraska Medical Center's Munroe-Meyer Institute)

Discussant: Jeffrey H. Tiger (University of Wisconsin - Milwaukee)

##### An Evaluation of the Variables Controlling Responding Within Multiple Schedule Arrangements

ELIANA MARIA PIZARRO (University of Florida)

##### The Clinical Utility of Treatment Chaining: Differential Reinforcement of Compliance and Functional Communication Training

WILLIAM SULLIVAN, Nicole M. DeRosa, and Henry S. Roane (Upstate Medical University)

##### Prevalence of Resurgence of Destructive Behavior When Thinning Reinforcement Schedules During Functional Communication Training

ADAM M. BRIGGS, Wayne W. Fisher, Brian D. Greer, and Ryan Kimball (University of Nebraska Medical Center, Munroe-Meyer Institute)

##### Systematic Changes in Preference for Schedule-Thinning Arrangements as a Function of Relative Reinforcement Density

JESSICA AKERS (Baylor University) and Adam M. Briggs, Brian D. Greer, Wayne W. Fisher, and Billie Retzlaff (University of Nebraska Medical Center's Munroe-Meyer Institute)

### #402 Symposium

8:00 am–9:50 am  
Manchester Grand Hyatt, Coronado Ballroom DE  
DEV/PRA; Service Delivery  
BACB CE Offered. CE Instructor: Michele D. Wallace, M.S.

#### Everyone Grows Up: What is the Role of Behavior Analysts in the Transition to Adulthood?

Chair: Benjamin Thomas Heimann (Center for Applied Behavior Analysis)

Discussant: Michele D. Wallace (California State University, Los Angeles; Center for Applied Behavior Analysis)

##### Have We Forgotten About the Aging Population of Individuals With Behavior Problems? Review of the Last 20 Years

MICHAEL C. PETERS (Pepperdine University; Center for Applied Behavior Analysis) and Alexis Munoz and Michele D. Wallace (California State University, Los Angeles; Center for Applied Behavior Analysis)

**Changes Are Happening for Adult-Based Behavioral Services: Are We Ready?**  
Stephanie A. Etie, RACHEL TAYLOR, and Jennifer Lynn Hammond (Center for Applied Behavior Analysis)

**When the Going Gets Tough: Are BCBAs Receiving the Necessary Supports for Treating In-Home Severe Problem Behavior?**  
RICHARD COLOMBO (Center for Applied Behavior Analysis; The Chicago School of Professional Psychology) and Rachel Taylor (Center for Applied Behavior Analysis)

**Growing Pains Beyond 21: Aging Out of Behavioral Services**  
HIEN THI MAO, Benjamin Thomas Heimann, and Jennifer Lynn Hammond (Center for Applied Behavior Analysis)

#### #403 Symposium

8:00 am–9:50 am  
Marriott Marquis, Rancho Santa Fe 1-3  
EAB/CSS; Service Delivery

**Behavioral Economics and Consumer Behavior Analysis for Everyone: Understanding Distracted Driving, Fuel Purchasing, and Medication Adherence**  
Chair: Jonathan E. Friedel (National Institute for Occupational Safety and Health)  
Discussant: Amy Odum (Utah State University)

**Texting While Driving as Impulsive Choice: A Behavioral Economic Approach**  
YUSUKE HAYASHI (Penn State Hazleton), Jonathan E. Friedel and Anne M. Foreman (National Institute for Occupational Safety and Health), and Oliver Wirth (National Institute for Occupational Safety and Health; Centers for Disease Control and Prevention)

**A Discrete Choice Experiment of Factors That Influence Texting While Driving**  
ANNE M. FOREMAN and Jonathan E. Friedel (National Institute for Occupational Safety and Health), Oliver Wirth (National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention), and Yusuke Hayashi (Penn State Hazleton)

**Left-Digit Pricing Effects on Fuel Demand: Implications for Empirical Public Policy**  
Brett Gelino, Derek D. Reed, and ALLYSON RAE SALZER (The University of Kansas) and Steven R. Hursh (Institutes for Behavior Resources, Inc.)

**Modeling Medication Choice in Multiple Sclerosis Patients**  
DAVID P. JARMOLOWICZ and Derek D. Reed (The University of Kansas) and Jared M. Bruce (University of Missouri-Kansas City)

#### #404 Symposium

8:00 am–9:50 am  
Marriott Marquis, San Diego Ballroom C  
EAB/VRB; Basic Research  
BACB CE Offered. CE Instructor: Danielle LaFrance, M.S.

**Naming and Stimulus Class Formation in Children and Adults**  
Chair: Danielle LaFrance (H.O.P.E. Consulting, LLC; Endicott College - Institute for Behavioral Studies)  
Discussant: Carol Pilgrim (University of North Carolina Wilmington)

**Transfer From Listener to Speaker Versus Transfer From Speaker to Listener**  
HANNE AUGLAND, Tonje Eidshaug, Svein Eikeseth, and Sigmund Eldevik (Oslo and Akershus University College of Applied Sciences)

**The Role of Naming in Equivalence Class Formation**  
GURO DUNVOLL and Erik Arntzen (Oslo and Akershus University College)

**The Role of Irrelevant, Class-Consistent, and Class-Inconsistent Intraverbals on the Establishment of Equivalence Classes**  
Amanda Chastain, SVEA LOVE, Shannon Luoma, Caio F. Miguel (California State University, Sacramento)

**Effects of Training Sequence on Stimulus Class Formation via Intraverbal Naming**  
REAGAN ELAINE COX, James R. Mellor, Courtney McKeon, and Anna I. Petursdottir (Texas Christian University)

#### #405 Symposium

8:00 am–9:50 am  
Manchester Grand Hyatt, Harbor Ballroom HI  
EDC/EAB; Basic Research  
BACB CE Offered. CE Instructor: Amy J. Henley, Ph.D.

**Using Laboratory Models to Evaluate Topics of Applied Importance: Incentives, Feedback, Prevention, and Choice**  
Chair: Amy J. Henley (Western New England University)  
Discussant: Claire C. St. Peter (West Virginia University)

**Parametric Analysis of Reinforcer Probability and Delay on Incentive Efficacy: A Behavioral Economic Demand Curve Analysis**  
AMY J. HENLEY (Western New England University) and Florence D. DiGennaro Reed (The University of Kansas)

**Examining of the Effects of Feedback Accuracy and Frequency on Task Acquisition**  
DENYS BRAND, Matthew Novak, Florence D. DiGennaro Reed, Samara Tortolero, Alison Fowler, and Jinny Yu (The University of Kansas)

**Further Evaluation of the Prevention of Problem Behavior Using a Laboratory Model**  
Tara A. Fahmie and ELIZABETH HERNANDEZ (California State University, Northridge), Anne C. Macaskill (Victoria University of Wellington), and Ellie Kazemi (California State University, Northridge)

**Conditioning Preferences for Choice-Making Opportunities Through Histories of Differential Reinforcer Quality and Magnitude**  
MELISSA DRIFKE (May Institute), Jeffrey H. Tiger and Margaret Rachel Gifford (University of Wisconsin - Milwaukee)

#### #406 Symposium

8:00 am–9:50 am  
Manchester Grand Hyatt, Seaport Ballroom C  
PRA/EDC; Applied Research  
BACB CE Offered. CE Instructor: Grant Gautreaux, Ph.D.

**See-Do; Hear-Do; We-Do; I-Do: The Acquisition of Untaught Responses in Social and Non-Social Contexts**  
Chair: Mary A. Johnson (The Touchstone Center; St. Lillian Academy)  
Discussant: Angie Moran (The Touchstone Center)

**Observational Learning: Acquisition and Utility**  
GRANT GAUTREAUX and Derek Jacob Shanman (Nicholls State University), Carmen Vara-Napier (St. Lillian Academy), and Dolleen-Day Keohane (Nicholls State University)

**A Comparative Analysis of Imitation and Emulation Tasks and the Identification of Co-Requisites for Emulation**  
TRICIA CLEMENT and Paula G. White (The Touchstone Center), Natalie Leow-Dyke (Jigsaw CABAS School), and Grant Gautreaux (Nicholls State University)

**Establishing Emulation and Improving Outcomes**  
Katherine M. Matthews and Eli T. Newcomb (The Faison Center) and CHRISTOPHER MORGAN (Florida Institute of Technology)

**The Identification and Establishment of Reinforcement for Collaboration in Elementary Students**  
LAURA DARCY (Nicholls State University) and R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

#### #407 Paper Session

8:00 am–9:50 am  
Manchester Grand Hyatt, Harbor Ballroom C  
TBA

**Behavior Analysts in the Making**  
Chair: Ana Carolina Sella (Universidade Federal de Alagoas)

**Poser Applied: User-Friendly CGI for Generating Ethical Visual Exemplars in Teaching Applied Behaviour Analysis (Theory)**  
MICHAEL KEENAN (Ulster University) and Lee Cadieux (Arts and Humanities Research Institute; Ulster University)

**Linking the Dimensions of ABA to Commonly Used Criterion-Referenced Assessments (Theory)**  
KRISTEN LENA PADILLA-MAINOR and Abby Hodges (Baylor University)

**A Proposed Model to Teach Basic Behavior Analytic Concepts and Principles to Different Bachelor's Degrees** (Theory)  
ANA CAROLINA SELLA, Jackeline Santos, and Daniela Mendonça Ribeiro (Universidade Federal de Alagoas)

**Identifying and Responding to Psychological Distress in Behavior Analysts in Training: Strategies for Professors and Supervisees** (Service Delivery)  
EMILY M. LUND and Michele R. Traub (St. Cloud State University) and Timothy A. Slocum (Utah State University)

#### #408 Paper Session

8:00 am–9:50 am  
Manchester Grand Hyatt, Grand Hall B  
VRB

**Theoretical Approaches to Complex Verbal Behavior**  
Chair: Robert Dlouhy (Western Michigan University)

**English Clauses as Relational Autoclitics of Order** (Theory)  
ROBERT DLOUHY (Western Michigan University)

**Producing and Responding to Ambiguous Verbal Stimuli: From Cold Reading to Tarot Cards** (Theory)  
THOM RATKOS (Berry College)

**Private Events, Self-Knowledge and Rule-Governed Behavior: Skinner's Legacy and Interacting With the Own Behavior** (Applied Research)  
CARMEN LUCIANO SORIANO (University Almería, Spain)

#### #409 Panel Discussion

9:00 am–9:50 am  
Manchester Grand Hyatt, Coronado Ballroom AB  
CBM; Applied Research  
BACB CE Offered. CE Instructor: Gretchen A. Dittrich, Ph.D.

**Behavioral Medicine SIG of ABAI Presents: Beginning a Line of Research in Behavioral Medicine**  
Chair: Jessica R. Mias (Simmons College)

GRETCHEN A. DITTRICH (Simmons College)  
SANDY JIN (California State University, Northridge)  
KYLAN S. TURNER (Simmons College)

#### #410 Symposium

9:00 am–9:50 am  
Manchester Grand Hyatt, Harbor Ballroom AB  
DDA; Applied Research  
BACB CE Offered. CE Instructor: Scott S. Hall, Ph.D.

**Problem Behavior and Fragile X Syndrome: Does Diagnosis Matter?**  
Chair: Scott S. Hall (Stanford University)

**Descriptive Assessment of Problem Behaviors Exhibited by Boys With Fragile X Syndrome**  
TOBIAS BRITTON, Kat Monlux, and Scott S. Hall (Stanford University)

**In-Home Functional Analyses With Boys Diagnosed With Fragile X Syndrome**  
KAT MONLUX and Scott S. Hall (Stanford University)

**Telehealth Function-Based Treatment of Problem Behaviors for Boys With Fragile X Syndrome**  
ARLETTE BUJANDA and Joy Pollard (Stanford University)

#### #411 Symposium

9:00 am–9:50 am  
Manchester Grand Hyatt, Grand Hall A  
DDA/AUT  
BACB CE Offered. CE Instructor: Louis P. Hagopian, Ph.D.

**Approaches to Integrating Research and Practice in Applied Settings**  
Chair: Patricia F. Kurtz (Kennedy Krieger Institute)

**Applied Research at Alpine Learning Group: Maintaining Productivity in a Non-University Setting**  
BRIDGET A. TAYLOR and Jaime DeQuinzio (Alpine Learning Group)

**Integrating Research and Practice at the New England Center for Children**  
WILLIAM H. AHEARN (New England Center for Children)

**Integrating Research and Clinical Service at The Kennedy Krieger Institute's Neurobehavioral Programs**  
LOUIS P. HAGOPIAN and Patricia F. Kurtz (Kennedy Krieger Institute)

#### #412 Symposium

9:00 am–9:50 am  
Marriott Marquis, San Diego Ballroom A  
EAB

**Extinction: The Devil is in the Details**  
Chair: Brian R. Katz (West Virginia University)

**An Analysis of the Extinction-Induced Response Burst**  
BRIAN R. KATZ and Kennon Andy Lattal (West Virginia University)

**Repetition and Variability of Operant Behavior in Extinction After Continuous Reinforcement**  
IVER H. IVERSEN (University of North Florida)

**Higher Response Rates Are More Resistant to Change When the Response-Reinforcer Dependency Is Removed**  
JAMES E. COOK (University of Mississippi Medical Center) and Kennon Andy Lattal (West Virginia University)

#### #413 Panel Discussion

9:00 am–9:50 am  
Marriott Marquis, Marina Ballroom E  
OBM; Service Delivery  
BACB CE Offered. CE Instructor: Todd A. Ward, Ph.D.

**Designing Purpose-Driven Organizations With 21st Century Technologies: How We Can Live More Connected Lives**  
Chair: Angela Joyce Cathey (ENSO Group, LLC; bSci21 Media, LLC)

JESSICA M. GRAHAM (Bosch)  
TODD A. WARD (bSci21 Media, LLC; ENSO Group, LLC)  
GARETH I. HOLMAN (OpenTeam, LLC)

#### #414 Paper Session

9:00 am–9:50 am  
Marriott Marquis, Marina Ballroom F  
OBM

**An Overview of Social Comparison Feedback: Conceptual Foundations and Recent Results**  
Chair: Yngvi F. Einarsson (Western Michigan University)

**Social Comparison Feedback: Conceptual and Component Analyses** (Applied Research)  
YNGVI F. EINARSSON and Alyce M. Dickinson (Western Michigan University)

**The Effects of Social Comparison Feedback Under Hourly Pay and Incentive Pay: A Series of Studies** (Applied Research)  
JACOB SCHIPPER, Yngvi F. Einarsson, and Alyce M. Dickinson (Western Michigan University)

#### #415 Paper Session

9:00 am–9:50 am  
Marriott Marquis, Grand Ballroom 10-13  
PGH

**Progressive Freethinking Between Disciplines**  
Chair: Øystein Vogt (Oslo and Akershus University College of Applied Sciences)

**Behavior Analysis, Neuroscience and Mainstream Cognitive Psychology as Separate Explanatory Sub-Fields in a Modern Synthesis for Psychology** (Theory)  
ØYSTEIN VOGT and Per Holth (Oslo and Akershus University College of Applied Sciences)

**B. F. Skinner's Involvement in the American Humanist Association in the 1970s: An Important and Forgotten Piece of Our History** (Theory)  
BOBBY NEWMAN (Proud Moments)

## #416 Symposium

9:00 am–9:50 am  
Manchester Grand Hyatt, Seaport Ballroom A  
PRA/CBM; Applied Research  
BACB CE Offered. CE Instructor: Sarah E. Bloom, Ph.D.

### Clinical Applications of Functional Analysis Methodology

Chair: Joseph Michael Lambert (Vanderbilt University)  
Discussant: Sarah E. Bloom (University of South Florida)

#### Collateral Effects of Dexamethylphenidate on Non-Targeted Behavior During Functional Analyses of Disruptive Behavior

JESSICA TORELLI ROANE, Joseph Michael Lambert, Rachel Francis, Catherine Picou, Marissa Mastel, Cecelia O'Flaherty, Ellen Vandelaar, and Nealetta Houchins-Juarez (Vanderbilt University)

#### When You Need More Time: Modified Functional Analysis of Low-Rate Challenging Behavior

KATHARINE GUTSHALL (Melmark, Inc.)

## #417 Symposium

9:00 am–9:50 am  
Manchester Grand Hyatt, Seaport Ballroom B  
PRA/AUT; Theory  
BACB CE Offered. CE Instructor: Mary Jane Weiss, Ph.D.

### Staff Training for Behavioral Interventions for Children With Autism: Molecular and Molar Models

Chair: John James McEachin (Autism Partnership Foundation)  
Discussant: Mary Jane Weiss (Endicott College)

#### Using the Teaching Interaction Procedure to Train Staff on an ABA-Based Technique

DANA REDICAN and Julia Ferguson (Autism Partnership Foundation), Joseph H. Cihon (Autism Partnership Foundation; Endicott College), and Justin B. Leaf, Ronald Leaf and John James McEachin (Autism Partnership Foundation)

#### Advancing Training in Autism Intervention Through a Comprehensive Internship: CABA

JUSTIN B. LEAF (Autism Partnership Foundation); Joseph H. Cihon (Autism Partnership Foundation; Endicott College); and Jeremy Andrew Leaf, Leticia Palos-Rafuse, John Rafuse, Ronald Leaf, and John James McEachin (Autism Partnership Foundation)

## #418 Invited Presenter

Recorded

9:00 am–9:50 am  
Marriott Marquis, San Diego Ballroom B  
SCI  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Stuart A. Vyse, Other

### Plotting a New Course: A Presidential Address Fantasy

Chair: Derek D. Reed (The University of Kansas)

STUART A. VYSE (Independent Scholar)



Stuart Vyse received BA and MA degrees in English Literature at Southern Illinois University, and MA and Ph.D. degrees in psychology from the University of Rhode Island. He was a visiting scholar at Harvard University, where he worked in the pigeon laboratory, then under the supervision of Richard Herrnstein. The majority of his teaching career was spent at Connecticut College, where he was Joanne Toor Cummings' 50 Professor of Psychology. He is author of *Believing in Magic: The Psychology of Superstition* (2014/1997), which won the William James Book Award of the American Psychological Association, and *Going Broke: Why Americans Can't Hold on to Their Money* (2nd edition forthcoming in 2018). His research interests are in decision-making, behavioral economics, philosophy, and belief in the paranormal. His essays and opinion pieces have appeared in the *Observer*, *Medium*, *The Atlantic*, *Huffington Post*, and *Tablet*. As an expert on superstition and irrational behavior, he has been quoted in many news outlets, including the *New York Times*, the *Washington Post*, *New Statesman*, *Vox*, and the *Los Angeles Times*, and he has appeared on *CBS Sunday Morning* (twice), *CNN International*, the *PBS Newshour*, and *NPR's Science Friday*. He is a Fellow of the Committee for Skeptical Inquiry, and he writes the "Behavior & Belief" column for *Skeptical Inquirer* magazine, where he is a contributing editor.

**Abstract:** With behavior analytic laboratories closing and many of the second generation of scientists reaching retirement age, basic behavior analysis is at a crossroads. The applied area is strong, because behavioral methods have achieved recognition as the treatment of choice for autism spectrum disorders and because professional certification programs and state regulatory requirements have further solidified applied behavior analysis as an established therapy. But the future of the basic area

is unclear. Furthermore, because basic science provides much of the theoretical underpinning for the applied area, the future positioning of the applied area as an academic discipline is also somewhat uncertain. Constructed as an imaginary presidential address, this presentation will offer an assessment of the current status of the wider field of behavioral science and make suggestions for the future role of behavior analysis within that wider field. In "Changing Course," a recent essay in *The Behavior Analyst* (Vyse, 2013), I outlined personal reasons for turning my attentions away from the field of behavior analysis. The current presentation will take a different tack, imagining a new course for basic behavioral analysis (with implications for the applied area) that might help ensure the field's continued contribution to behavioral science. Among the topics considered will be: (a) the role of theory in behavioral science, (b) the limitations of a field so tightly bound to a distinct set of research methodologies, (c) future directions for graduate training, (d) the role of ABAL, and (e) the prospect of behavior analytic contributions in as yet unexplored areas. Basic behavior analysis is not alone in facing existential challenges. The "reproducibility crisis" has had profound effects on psychology and other social and biological sciences. At this moment of flux, there are new opportunities for innovation and collaboration that could strengthen our field.

## #419 B. F. Skinner Lecture Series

9:00 am–9:50 am  
Marriott Marquis, Grand Ballroom 7-9  
TBA  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Gabrielle T. Lee, Ph.D.

### ABA Training in China: Issues and Challenges Through the Lens of Special Education

Chair: Gabrielle T. Lee (Chongqing Normal University)

MIAN WANG (University of California, Santa Barbara)



Dr. Wang is a professor in the Special Education, Disability and Risk Studies (SPEDR) Program at the Gevirtz Graduate School of Education at the University of California, Santa Barbara (UCSB). He is currently the Emphasis Leader of the SPEDR program. He is also the founding director of the Pacific Rim Center for Research on Special Education and Disability as well as the director of the McEnroe Reading and Language Arts Clinic at UCSB. Dr. Wang received his first Ph.D. in applied developmental psychology from the University of Patras in Greece and thereafter obtained another Ph.D. in Special Education with an emphasis on family and disability policy from the University of Kansas in USA. His research interests concern: atypical child development, child and family outcomes of early intervention and early childhood services, family-professional partnership, family support, positive behavior support in cultural context, teacher education for inclusive education, international inclusion policy and practices, and disability policy. He has published over 60 journal articles, book chapters and books regarding the above topics. Dr. Wang is the recipient of the 2009 Early Career Award from the American Association on Intellectual and Developmental Disabilities. He has served as the co-editor of the *Journal of International Special Needs Education* and the guest associate editor of the *Journal of Positive Behavioral Interventions*. He is currently serving as the associate editor of *Remedial and Special Education*, and *Journal of Policy and Practice for Intellectual Disabilities*, and is also serving in the editorial board of multiple journals.

**Abstract:** Despite growing interests in the applied behavioral analysis (ABA) training from different constituents, China is still in a great demand for training more qualified behavioral analysts and other clinical professionals who can deliver effective ABA based interventions to Chinese children with special needs. Applications of ABA to children with ASD were first introduced to China in 1990s primarily through Chinese parents and parent-run organizations. Not until the dawn of 21st century had the first ABA delegation to China from ABAL taken place. Interests from the different constituent groups (e.g., professionals in the medical field, parents of children with ASD, professionals in various clinical or rehabilitation settings for children with ASD, and special education school teachers etc.), towards ABA kept permeating since. Yet the status quo and outcomes of ABA training in China are unsatisfactory and of most concern. In this presentation, I will provide a historical review of the trends and issues surrounding the ABA training in China through the lens of special education. Based on my interactions with a few Chinese universities over the last decade regarding ABA training to university faculty and students, I will discuss the key issues and challenges. Suggestions for improvement of ABA training in China will also be discussed.

## #420 Symposium

9:00 am–10:50 am  
Marriott Marquis, Marina Ballroom D  
AAB; Applied Research  
BACB CE Offered. CE Instructor: Christy A. Alligood, Ph.D.

### What'll It Be?: Assessing the Preferences of Nonhuman Animals in Applied Settings

Chair: Kristen Lee Morris (Rollins College)  
Discussant: Meagan K. Gregory (Kennedy Krieger Institute)



### Development and Validation of a Reinforcer Preference Assessment for African Lions

CHRISTY A. ALLIGOOD and Angela Miller (Disney's Animal Kingdom)

### An Application of the Paired-Stimulus Preference Assessment to Black Vultures

Kristen Lee Morris and SARAH SLOCUM FREEMAN (Rollins College)

### Determining Preference of Enrichment Stimuli: What to Ask, Who to Ask, and How

TERRI M. BRIGHT and Julia Touhey (MSPCA Angell)

### Predicting Reinforcement Effects in Dogs: Remember the Effect of the Human

VALERI FARMER-DOUGAN, Jennifer Gavin, and Antonia Berenbaum (Illinois State University)

## #421 Symposium

9:00 am–10:50 am

Manchester Grand Hyatt, Seaport Ballroom G

AUT/DDA; Applied Research

BACB CE Offered. CE Instructor: Seth B. Clark, M.A.

### Further Examination of Response Blocking and Redirection to Reduce Automatically Maintained Problem Behavior

Chair: Seth B. Clark (Marcus Autism Center)

Discussant: John T. Rapp (Auburn University)

### Reducing Public Masturbation in Individuals With Autism Spectrum Disorder: An Assessment of Overcorrection and Response Blocking

Jonathan Priehs, Adelyn Kishbaugh (New England Center for Children), HALEY STEINHAUSER (New England Center for Children; Western New England University), and Catia Cividini-Motta and William H. Ahearn (New England Center for Children)

### Using Precursor Assessment to Inform Treatment of Pica Maintained by Automatic Reinforcement

LISA RETTIG, Jennifer N. Fritz, Kelsey Campbell, Sarah Williams, Leah Smith, and Kyle Dawson (University of Houston-Clear Lake)

### Evaluating a Prompted Engagement and Response Blocking Competing Stimulus Assessment With Children With Automatically Reinforced Self-Injurious Behavior

ALYSSA FISHER (Kennedy Krieger Institute), Louis P. Hagopian and Jennifer R. Zarcone (Johns Hopkins School of Medicine; Kennedy Krieger Institute), Erica Lozy (Louisiana State University), Griffin Rooker (Johns Hopkins School of Medicine; Kennedy Krieger Institute), Christopher M Dillon (Kennedy Krieger Institute; University of Maryland, Baltimore County), and Alexander Rodolfo Arevalo (Kennedy Krieger Institute)

### Increasing the Ecological Validity of Treatment for Pica: An Evaluation of Differential Reinforcement

SETH B. CLARK (Marcus Autism Center) and Colin S. Muething and Nathan Call (Marcus Autism Center; Emory University School of Medicine)

## #422 Symposium

## Supervision

9:00 am–10:50 am

Manchester Grand Hyatt, Grand Hall D

AUT/OBM; Applied Research

BACB CE Offered. CE Instructor: Aimee Giles, Ph.D.

### Considerations in Maintenance and Generalization Following Behavior Skills Training for Behavior Intervention and Teaching Procedures

Chair: Aimee Giles (University of South Wales)

Discussant: Sharon A. Reeve (Caldwell University)

### Using Self-Monitoring to Increase Procedural Integrity of Caregiver-Implemented Three-Step Prompting

CHANNING LANGLINAIS, Dorothea C. Lerman, and Jennifer Agnes Reece (University of Houston-Clear Lake)

### Increasing Active Engagement Using Behavioral Skills Training and In-Situ Feedback

John Falligant (Auburn University), SACHA T. PENCE (Drake University), and Nadratu Nuhu (Auburn University)

### Using Behavior Skills Training and Multiple Exemplar Training to Teach Novice Therapists to Implement Mand Training

AIMEE GILES, Mary Bain, Olga Moran, and Amy Owens (University of South Wales)

### Training School Personnel to Use Incidental Teaching to Target Verbal Behavior

Sacha T. Pence (Drake University), Kimberlee Danielle Krubinski (The Arc of Jefferson County), Brian Joseph Toner (Glenwood Behavioral Health), and DORIS ADAMS HILL (Auburn University Center for Disability Research and Service)

## #423 Symposium

9:00 am–10:50 am

Marriott Marquis, Marina Ballroom G

CSS/DDA; Service Delivery

BACB CE Offered. CE Instructor: Robin Arnall, M.S.

### Shaping Procedures in Sports Topographies: TAGteach™ and Other Behavior Analytic Approaches to Increase Performance

Chair: Susan D. Flynn (The Chicago School of Professional Psychology)

Discussant: Julie S. Vargas (B. F. Skinner Foundation)

### Using TAGteach™ Methods to Teach Novel Dance Movements to Typically Developing Children

Robin Arnall (The Chicago School of Professional Psychology, The Arc of the Ozarks) and Annette Griffith, Susan D. Flynn, and KRYSTLE LEE CURLEY (The Chicago School for Professional Psychology)

### Using TAGteach™ for Increasing Skill Acquisition of Dance Movements for a Child With Multiple Diagnoses

ROBIN ARNALL (The Chicago School of Professional Psychology; The Arc of the Ozarks) and Annette Griffith and Susan D. Flynn (The Chicago School of Professional Psychology)

### Let's Go Under! Teaching Water Safety Skills Using a Behavioral Treatment Package

MELISSA HUNSINGER HARRIS, Kimberly Levy, and Susan Ainsleigh (Bay Path University)

### Effects of TAGteach™ Strategies and Video-Modeling and Feedback on Golf Skills in Experienced Golfers

LAURIE BONAVIDA, Annette Griffith, and Susan D. Flynn (The Chicago School of Professional Psychology)

## #424 Symposium

9:00 am–10:50 am

Manchester Grand Hyatt, Seaport Ballroom DE

PRA/DDA; Applied Research

BACB CE Offered. CE Instructor: Jennifer N. Haddock, Ph.D.

### Novel Applications of Preference and Reinforcer Assessment Methodologies

Chair: Jennifer N. Haddock (Johns Hopkins School of Medicine; Kennedy Krieger Institute)

Discussant: Henry S. Roane (Upstate Medical University)

### Assessing Preference for Types of Social Interaction

SAMUEL L. MORRIS (University of Florida; Florida Autism Center) and Timothy R. Vollmer (University of Florida)

### The Displacement of Leisure Items by Edible Items in Preference Assessments: A Replication

DANIEL E CONINE and Timothy R. Vollmer (University of Florida)

### Comparison of Sensitivity to Changing Reinforcement Parameters in Individuals With Automatically and Socially Maintained Self-Injurious Behavior

ALEXANDER RODOLFO AREVALO (Kennedy Krieger Institute), Griffin Rooker (Kennedy Krieger Institute, Johns Hopkins School of Medicine), Nabil Mezhoudi (New England Center for Children), and Jennifer N. Haddock and Louis P. Hagopian (Kennedy Krieger Institute, Johns Hopkins School of Medicine)

### On the Relation Between Efficacy and Participant Preference for Behavioral Interventions

KISSEL JOSEPH GOLDMAN and Iser Guillermo DeLeon (University of Florida) and Catherine K. Martinez (Positive Behavior Supports)

## #425 Symposium

10:00 am–10:50 am

Manchester Grand Hyatt, Grand Hall C

AUT/EDC; Applied Research

BACB CE Offered. CE Instructor: Amin Duff Lotfizadeh, Ph.D.

### Evaluating the Outcomes of Low-Intensity Behavior Interventions

Chair: Paula Pompa-Craven (Easterseals Southern California)

### Moderate Effects of Low-Intensity Behavioral Interventions

AMIN DUFF LOTFIZADEH (Easterseals Southern California/CSULA)

### Evaluating the Inter-Rater Reliability of the VB-MAPP

KHRISTLE LAUREN MONTALLANA (Easterseals Southern California)

### Effects of Moderately Intensive Behavioral Intervention Provided Through a Community Based Service Model

SIGMUND ELDEVIK (Oslo and Akershus University College of Applied Sciences)

## #426 Invited Presenter

Recorded

10:00 am–10:50 am  
Marriott Marquis, Grand Ballroom 7-9  
CBM

PSY/BACB/QABA/NASP CE Offered. CE Instructor: Steven C. Hayes, Ph.D.

### Behavior Analysis and Evolution Science: Implications for Human Yearning

Chair: Amy Murrell (University of North Texas)

STEVEN C. HAYES (University of Nevada, Reno)



Dr. Hayes received his Ph.D. from West Virginia University and currently serves as professor in the behavior analysis program in the Department of Psychology at the University of Nevada, Reno. Dr. Hayes has a record of voluminous research and substantial impact, within behavior analysis and beyond, with 43 books and more than 600 publications. He is one of only three behavior analysts in the world with an h-index above 100 in Google Scholar ([www.webometrics.info/en/node/58](http://www.webometrics.info/en/node/58)). He is the principal developer of relational frame theory and acceptance and commitment therapy, highly influential behavior analytic approaches to language and cognition,

and evidence-based intervention, respectively, that have generated considerable research and achieved widespread adoption. Dr. Hayes's contributions to teaching and service have also been exemplary. He served as department chair at UNR, and with Linda Hayes launched the behavior analysis program there. Dr. Hayes has held many influential service (e.g., president of Division 25, the Association for Contextual Behavioral Science, and the Association for Behavioral and Cognitive Therapies) and editorial (e.g., associate editor of *Journal of Applied Behavior Analysis*) positions, and has received numerous awards for his work (e.g., the SABA Awards for International Dissemination of Behavior Analysis and the Impact of Science on Application, the APA Don Hake Award, and the Lifetime Achievement Award from ABCT). His contributions span philosophical, methodological, basic, and applied domains with remarkable breadth and depth.

**Abstract:** Skinner argued that behavior analysis was part of the larger field of evolutionary approaches. Advances in evolution science and in a contextual behavioral account of human language suggest that human beings have common motivations that needed to be taking into account when dealing with possible reinforcers for human behavior. In this talk I will argue that a small set of typical human yearnings emerge from this way of thinking, and surprisingly, that these connect behavioral thinking to some ideas often seen as oppositional to behavioral thinking.

## #427 Symposium

10:00 am–10:50 am  
Manchester Grand Hyatt, Harbor Ballroom AB  
DDA/VRB; Applied Research

### Procedures for Conditioning Stimuli as Automatic Reinforcers

Chair: Alec Bernstein (The University of Kansas)

#### A Comparison of Conditioning Procedures for Establishing Vocalizations as Conditioned Automatic Reinforcers

KELLEY L. HARRISON, Ashley Romero, Marcella Hangen, and Pamela L. Neidert (The University of Kansas)

#### Increasing Preference for Physical Activity Among Sedentary Adults Using a Pairing Procedure

SARAH A. KRCHNAVEK HARRISON, Bethany R. Raiff, and Maureen B Kelly (Rowan University)

#### Examining Stimulus-Stimulus Pairing Procedures: From SSP to Direct Reinforcement

MICHAEL HEIBERGER (Western New England University), Rachel Schweon (New England Center for Children; Simmons College), and William H. Ahearn (New England Center for Children)

## #428 Symposium

10:00 am–10:50 am  
Manchester Grand Hyatt, Grand Hall A  
DDA/AUT; Applied Research  
BACB CE Offered. CE Instructor: Jacqueline Carrow, M.S.

### Teaching Essential Healthcare and Hygiene Routines to Individuals With Developmental Disabilities

Chair: Jacqueline Carrow (Caldwell University)

#### Teaching Feminine Hygiene Skills to Females With Autism Spectrum Disorder Prior to Menarche

ALLISON PARKER, Talia Crabb, Ruth M. DeBar, and Jason C. Vladescu (Caldwell University)

### Developing Tolerance for Hygiene Routines With an Adult Male With Escape Maintained Problem Behavior

CAITLIN FULTON, Margaret Rachel Gifford, and Jeffrey H. Tiger (University of Wisconsin - Milwaukee)

### Effects of Escape Extinction to Increase Child Compliance With Essential Healthcare Procedures

Kelley L. Harrison (The University of Kansas); Kimberley L. M. Zonneveld (Brock University); and Pamela L. Neidert, Alec Bernstein, and STEPHANIE M. GLAZE (The University of Kansas)

## #429 Invited Presenter

10:00 am–10:50 am  
Marriott Marquis, San Diego Ballroom B  
EAB  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Marcia Spetch, Ph.D.

### Playing it Safe or Taking a Risk: The Role of Extreme Outcomes in Risky Choice and Memory

Chair: Eric S. Murphy (University of Alaska Anchorage)

MARCIA SPETCH (University of Alberta)



Marcia Spetch is a professor in psychology at the University of Alberta, Canada. She obtained her Ph.D. from UBC 1981, was a postdoctoral fellowship at UCSD and an Assistant Professor at Dalhousie University prior to joining the University of Alberta in 1987. Her research spans many topics in behavior, learning and comparative cognition, including timing behavior, memory processes, spatial learning, navigation, choice behavior and gambling. Her lab studies are primarily conducted with pigeons and adult humans, but she has conducted collaborative research on ants, bees, fish, chickadees, rats, monkeys, apes, and human children. Her current research focuses primarily on

spatial navigation and risky choice behavior. She has received uninterrupted grant support throughout her career from NSERC (Canada) and her research on risky decision making has been funded by the Alberta Gambling Research Institute. She has published well over 100 research articles and several book chapters. She has been consulting editor for several journals, was associate editor for *Animal Learning & Behavior* and is currently co-editor of *Comparative Cognition and Behavior Reviews*. She has supervised many students and postdoctoral fellows and she has collaborated with numerous researchers from Canada, USA, UK, and Australia. She is a past president of the Comparative Cognition Society (CCS), recipient of the 2018 CCS Research Award, and in 2017 was inducted into the Royal Society of Canada.

**Abstract:** Life is full of choices between moderate-value rewards and risky higher-valued rewards (e.g., a decent restaurant that always has room versus a fabulous restaurant that is often full). One factor that influences risk preference is how these options are presented. When choices are described (common in behavioral economics), people are typically more risk seeking when choices involve losses (e.g., -\$20 vs a 50/50 chance of -\$40) than when they involve gains (e.g., +\$20 vs. a 50/50 chance of +\$40). In contrast, if outcomes are learned through experience (typical in operant research), people tend to be more risk seeking for relative gains than for relative losses. We proposed an extreme-outcome hypothesis, in which the best and worst outcomes have more impact than moderate outcomes on experience-based choices and on self-reported memory. In several studies, we have shown that outcomes at the ends of a distribution are weighted more, leading to biases in choice behavior and over-estimations in memory; moreover, these effects on choice and memory are correlated. The effects are also context dependent—outcomes are overweighted only when they are the best or worst outcomes in the current context. The fluidity of risky choice has implications for understanding risky behaviors such as gambling.

## #430 Symposium

10:00 am–10:50 am  
Marriott Marquis, Marina Ballroom E  
OBM/TBA; Service Delivery  
BACB CE Offered. CE Instructor: Lindsey Sneed, M.S.

### Clinical Hours and Assessment Recommendation Tool: Standardizing the Assessment Process in a Large Applied Behavior Analysis Organization

Chair: Brianna Fitchett (Easterseals Bay Area)  
Discussant: Nna Rudnick (Easterseals Bay Area)

### Clinical Hours and Assessment Recommendation Tool: Standardizing Curriculum-Based Assessments

KALINA STOGSDILL (Easterseals Bay Area)

### Clinical Hours and Assessment Recommendation Tool: Standardizing Treatment Hour Recommendations

LINDSEY SNEED (Easterseals Bay Area)

#431 Symposium

10:00 am–10:50 am  
Marriott Marquis, Marina Ballroom F  
OBM/EAB; Service Delivery

**Advances of the Operant Paradigm in the Field of Behavioral Economics**  
Chair: Gordon R. Foxall (Cardiff University)

**Temporal Discounting in Consumer and Legal Settings**  
JORGE OLIVEIRA-CASTRO, Rogerio Pinheiro, Rafaela Marques, and Ana Silva (University of Brasilia)

**Effect of the Induction of Emotional States on the Alcohol Reinforcer Value:A Behavioral Economic Approach**  
PAULO SERGIO DILLON SOARES FILHO, Jessica Nino, Lizeth Munoz, and Laura Castelbranco (University of San Buenaventura)

**Can Behavioral Analysis Contribute to Public Policy Planning?**  
ANA CAROLINA TROUSDELL FRANCESCHINI (Reed College)

#432 Paper Session

10:00 am–10:50 am  
Marriott Marquis, Rancho Santa Fe 1-3  
PCH

**Historical and Conceptual Changes in Methodological and Radical Behaviorism**  
Chair: Christoffer K. Eilifsen (Oslo and Akershus University College)

**The Historical and Conceptual Development of Research on Mediated Generalization** (Theory)  
CHRISTOFFER K. EILIFSEN and Erik Arntzen (Oslo and Akershus University College)

**Conceptual Changes in Skinner’s Behaviorism** (Theory)  
KRISTJAN GUDMUNDSSON (Reykjavik University)

#433 Panel Discussion Student Committee Event

10:00 am–10:50 am  
Manchester Grand Hyatt, Seaport Ballroom B  
PRA; Service Delivery

**A Beginners Guide to Working Within Brain Injury Rehabilitation**  
Chair: Christina M. Peters (University of Nevada, Reno)  
JENNIFER DANGELA (Rainbow Rehabilitation Centers, Inc.)  
MEGAN R. HEINICKE (California State University, Sacramento)  
CHRIS M. SCHAUB (ReMed)

#434 Panel Discussion

10:00 am–10:50 am  
Manchester Grand Hyatt, Harbor Ballroom C  
TBA; Applied Research  
BACB CE Offered. CE Instructor: Douglas E. Kostewicz, Ph.D.

**Dinosaurs of Behavior Analysis: Interval Time-Sampling, Interobserver Agreement, and Linear Graphs**  
Chair: Jessica E. Frieder (Western Michigan University)  
DOUGLAS E. KOSTEWICZ (University of Pittsburgh)  
RICHARD M. KUBINA (Penn State)  
DONNY NEWSOME (Fit Learning)

#435 Symposium

10:00 am–10:50 am  
Manchester Grand Hyatt, Grand Hall B  
VRB/EAB; Service Delivery  
BACB CE Offered. CE Instructor: William F. Potter, Ph.D.

**Technology and Verbal Behavior**  
Chair: William F. Potter (California State University, Stanislaus)

**Speech to Text Recognition and Other Technologies for Behavior Analysts**  
WILLIAM F. POTTER (California State University, Stanislaus)

**Application of Technology for Behavior Analysis**  
SHANNON AUDRAIN BIANCHI (California State University, Stanislaus)

**Eye-Trackers and Behavior Analysis**  
RYAN N. REDNER (Southern Illinois University, Carbondale)

#436 Symposium

10:00 am–11:50 am  
Manchester Grand Hyatt, Seaport Ballroom F  
AUT/PRA; Service Delivery  
BACB CE Offered. CE Instructor: Yaniz C. Padilla Dalmau, M.Ed.

**Diversity in Research: Linguistic Variables in the Assessment and Treatment of Challenging Behavior, Recruitment and Retention of Diverse Participants, and Bilingual Learners With Autism Spectrum Disorder**  
Chair: Christine Drew (University of Oregon)  
Discussant: Yaniz C. Padilla Dalmau (Seattle Children’s Hospital)

**Impact of Language on Behavior Assessment and Intervention Outcomes**  
JESSICA EMILY GRABER and Leslie Neely (University of Texas at San Antonio), S. Shanun Kunnavatana (independent researcher), and Katherine Cantrell (University of Texas at San Antonio)

**Evaluation of Language Preference on Skill Acquisition**  
KATHERINE CANTRELL and Leslie Neely (University of Texas at San Antonio), S. Shanun Kunnavatana (independent researcher), and Kyra Hastings (University of Texas at San Antonio)

**Recruitment and Retention of Ethnically Diverse Participants in Autism Intervention Research**  
ALLAINA DOUGLAS, Christine Drew, Wendy A. Machalicek, Rebecca Crowe, and Lindsay Glugatch (University of Oregon)

**Understanding the Linguistic Needs of Diverse Individuals With Autism Spectrum Disorder: Some Comments on the Research Literature and Suggestions for Clinicians**  
WAN HAN NATALY LIM and Mark O’Reilly (University of Texas at Austin), Jeffrey S. Sigafoos (Victoria University of Wellington), and Giulio Lancioni (University of Bari)

#437 Symposium

10:00 am–11:50 am  
Manchester Grand Hyatt, Coronado Ballroom AB  
CBM; Applied Research  
BACB/QABA/NASP CE Offered. CE Instructor: Javier Virues Ortega, M.S.

**Recent Advances in the Assessment and Treatment of Pediatric Feeding Problems**  
Chair: Robin K. Landa (Western New England University)  
Discussant: Javier Virues Ortega (The University of Auckland)

**Decreasing Resistance to Change in the Form of Food Selectivity in Children With Autism Spectrum Disorders**  
JAIME CROWLEY, Kathryn M. Peterson, Cathleen C. Piazza, and Wayne W. Fisher (University of Nebraska Medical Center’s Munroe-Meyer Institute)

**The Prevalence of Extinction Bursts in the Treatment of Pediatric Food Refusal**  
JULIA N. WOODS (Kennedy Krieger Institute) and Carrie S. W. Borrero (Johns Hopkins University School of Medicine; Kennedy Krieger Institute)

**Assessment and Treatment of Pediatric Food Selectivity via Choice and Shaping With Synthesized Reinforcers**  
HOLLY GOVER, Kelsey Ruppel, Gregory P. Hanley, and Robin K. Landa (Western New England University) and Juliana Marcus (New England Center for Children)

**Treatment of Severe Food Selectivity in Children With Autism Spectrum Disorder**  
KATHRYN HOLMAN STUBBS and William G. Sharp (Marcus Autism Center)

#438 Symposium

10:00 am–11:50 am  
Manchester Grand Hyatt, Coronado Ballroom DE  
DEV; Applied Research  
BACB CE Offered. CE Instructor: Joanne K. Robbins, Ph.D.

**Advances in Behavior Analysis for Reading, Writing, and Arithmetic**  
Chair: Jennifer Weber (Teachers College, Columbia University)  
Discussant: Joanne K. Robbins (Morningside Academy)

**The Effects of a Behavioral Momentum Blending Intervention on the Accuracy of Textual and Spelling Responses Emitted by Preschool Students With Blending Difficulties**  
KATHARINE CAMERON (Teachers College, Columbia University) and R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

**The Establishment of Conditioned Reinforcement for Math in Pre-Kindergarten Students**  
EMMY NERLANDY MAURILUS (Teachers College Columbia University) and R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

**The Effects of A Writer Immersion Procedure on the Emergence of Functional Writing Repertoires for Middle and High School Students With Disabilities**

KATHERINE M. MATTHEWS (The Faison Center) and Jennifer Weber (Teachers College, Columbia University)

**A STEM Writer Immersion Package and Middle School Students Math Algorithms**

CAROLINE MARY LOUISE CROSBIE (Columbia University, Teachers College) and R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

#### #439 Symposium

10:00 am–11:50 am  
Manchester Grand Hyatt, Seaport Ballroom C  
PRA/DDA: Applied Research  
BACB CE Offered. CE Instructor: Joshua Jessel, Ph.D.

**Continuing Toward the Functional Analysis of Challenging Behavior**

Chair: Michael F. Dorsey (Endicott College)

Discussant: Joshua Jessel (Queens College)

**Novel Interpretations and Future Directions of the Interview Informed Synthesized Contingency**

LESLEY A. SHAWLER (Endicott College), Amanda Coffey (Behavior Network, Inc.; Endicott College), and Michael F. Dorsey (Endicott College)

**Identifying Preferred Break Environments for Individuals With Escape-Maintained Problem Behavior**

NATALIE CASTELLUCCIO and Cammarie Johnson (New England Center for Children; Western New England University)

**Interview Informed, Synthesized Contingency Analysis: A Look at Social Validity, Generalization, and Maintenance**

GABRIELLE MORRIS (Behavior Network, Inc.); Amanda Coffey, Lesley A. Shawler, and Michael F. Dorsey (Endicott College); and Maggie Nye (Behavior Network, Inc.)

Interview Informed, Synthesized Contingency Analysis: A Replication and Extension With Adults  
AMANDA COFFEY, Lesley A. Shawler, and Michael F. Dorsey (Endicott College) and Maggie Nye (Behavior Network Inc.)

#### #440 Paper Session

10:00 am–11:50 am  
Manchester Grand Hyatt, Seaport Ballroom A  
PRA

**Ethical Issues in Treatment**

Chair: Neal Shipley (The Chicago School of Professional Psychology, Online)

**Making Applied Ethical Decisions: Do Behavior Analysts Have More Objective Measures Than a Moral Compass?** (Service Delivery)

NEAL SHIPLEY (The Chicago School of Professional Psychology, Online; PlayDate Behavioral Interventions)

**The Ethics of Addressing Non-Evidence-Based Therapies in the United States and International Jurisdictions** (Service Delivery)

ANGELA CAPUANO (University of Michigan), Kim Killu (University of Michigan - Dearborn), and Rosemary A. Condillac (Brock University)

**Applications of an Individualized Levels System in a School Setting** (Applied Research)

NICOLE CONNOR MOORE and Megan B. Boucher (The Ivymount School)

**Enhancing Quality of Life Outcomes for Individuals Across a Lifespan** (Service Delivery)

TAHRA JOLENE CESSNA and Tracy Smith-Kong (Positive Behavior Supports Corporation)

#### #441 Symposium

11:00 am–11:50 am  
Marriott Marquis, Marina Ballroom D  
AAB; Applied Research  
BACB CE Offered. CE Instructor: Erica N. Feuerbacher, Ph.D.

**Evaluating and Enhancing Sociability in Shelter Dogs Using Behavior Analytic Techniques**

Chair: Carla H. Lagorio (University of Wisconsin-Eau Claire)

**Procedural Differences Affect Canine Sociability Behaviors**

KELSEA MARIE BROWN (Texas Tech University), Erica N. Feuerbacher (Virginia Tech), and Alexandra Protopopova (Texas Tech University)

**A Multi-Site Assessment of a Meet-and-Greet Intervention to Increase Adoption Rates in Dogs**

ALEXANDRA PROTOPOPOVA and Nathaniel Hall (Texas Tech University)

**Preference for Different Human Interactions and Different Humans in Shelter Dogs**

ERICA N. FEUERBACHER (Virginia Tech) and Clive Wynne (Arizona State University)

#### #442 Panel Discussion

#### Ethics

11:00 am–11:50 am  
Manchester Grand Hyatt, Grand Hall D  
AUT; Service Delivery  
BACB CE Offered. CE Instructor: Cailey Rodgers, M.A.

**“RAISE”ing Up Adults With Autism in the Workplace**

Chair: Cailey Rodgers (Global Autism Project; Clinical Supervisor)

PHILIP COOK (Global Autism Project)

RUSTY HORRIG-ROHAN (Global Autism Project)

JEN FISHER (Global Autism Project; RAISE)

#### #443 Symposium

11:00 am–11:50 am  
Manchester Grand Hyatt, Seaport Ballroom H  
AUT/VRB; Service Delivery  
BACB CE Offered. CE Instructor: Cassandra M Gayman, M.S.

**Play With Me! Evaluations of the Use of Script Training and Lag Schedules to Establish Play**

**Behaviors and Social Interactions in Children With Autism**

Chair: Cassandra M Gayman (Translational Technologies International)

**The Use of Script Training to Promote Coordinated Social Interactions Among Pairs of Children With Autism**

CASSONDRA M GAYMAN (Translational Technologies International); Sarah Frampton (May Institute); Dianna Shippee Walters, Brittany Lee Bartlett, Taylor Thompson, Sandra Shirk, and Devorah Story (Marcus Autism Center); and M. Alice Shillingsburg (May Institute)

**Promoting Generalization of Varied Play Behavior With Children With Autism**

BETHANY P. CONTRERAS YOUNG (University of Missouri), Thomas S. Higbee, Annie Galizio, Azure Pellegrino, Lorraine A Becerra, and Amy Heaps (Utah State University)

**An Evaluation of the Effectiveness of Textual and Auditory Presentation of Scripts to Children With Autism Spectrum Disorder**

LORRAINE A BECERRA and Thomas S. Higbee (Utah State University), Kristen Kelley (Trumpet Behavioral Health), and Stephanie Cousin (Utah State University)

#### #444 Symposium

11:00 am–11:50 am  
Marriott Marquis, Marina Ballroom G  
CSS/PCH; Theory  
BACB CE Offered. CE Instructor: Ali A. Mahamat, M.A.

**Racism, Bias, and Behavior Analysis**

Chair: Elizabeth Hughes Fong (Saint Joseph's University; Multicultural Alliance of Behavior Analysts)  
Discussant: Ali A. Mahamat (The Chicago School of Professional Psychology)

**Shaped Racism**

KATHERINE J. SAINT (Fox Valley Autism; The Chicago School of Professional Psychology)

**Racism, Relational Frame Theory, and the Application for Society**

KOZUE MATSUDA (Children Center Inc)

## #445 Invited Presenter

11:00 am–11:50 am  
Manchester Grand Hyatt, Seaport Ballroom DE  
DDA  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Maria G. Valdovinos, Ph.D.

### The Elephant in the Room: Addressing Psychotropic Medications When Assessing Behavior

Chair: Eric Boelter (Seattle Children's Autism Center)

MARIA G. VALDOVINOS (Drake University)



Maria Valdovinos, Ph.D., BCBA-D, is a professor in the Department of Psychology and Neuroscience at Drake University. She received her doctorate in Developmental and Child Psychology from the University of Kansas and completed a post-doctoral fellowship at Vanderbilt University's Kennedy Center for Research on Human Development. Prior to beginning her studies in Kansas, Dr. Valdovinos worked in residential and day treatment settings with adults diagnosed with intellectual and developmental disabilities. Her experiences in these settings lead to her interest in evaluating the pharmacological treatment of challenging behavior, research which has received federal funding. Dr. Valdovinos is a Fellow of the American Association on Intellectual and Developmental Disabilities and a member of the Board of Directors for the Association of Professional Behavior Analysts.

**Abstract:** Psychotropic medications are commonly prescribed to adults with intellectual and developmental disabilities who engage in problem behavior. This presentation will provide a behavior analytic conceptualization of medication effects and review the results of a study that evaluated the extent to which changes in psychotropic medications altered functional relations between problem behavior and the environment for adults with intellectual and developmental disabilities. Research findings suggest continued surveillance of behavior function when using psychotropic medication to address problem behavior. Further suggestions for assessing psychotropic medication impact will be shared.

## #446 Symposium

11:00 am–11:50 am  
Manchester Grand Hyatt, Grand Hall A  
DDA/AUT; Applied Research  
BACB CE Offered. CE Instructor: Jennifer N. Fritz, Ph.D.

### Risk Reduction Strategies During Assessment and Treatment of Problem Behavior

Chair: Jennifer N. Fritz (University of Houston-Clear Lake)

#### A Comparison of Methods for Identifying Precursors to Problem Behavior

Jennifer N. Fritz, Kathryn Shepard, KYLE DAWSON, Leah Smith, Kelsey Campbell, and Adriana Marsiglia (University of Houston-Clear Lake)

#### A Decision-Making Model for Reducing Risk During Functional Analysis Procedures

GABRIELLE VEGA, Richard G. Smith, and Kathleen Ann Bayliss (University of North Texas)

#### Latency as Dependent Measure to Reduce Risk During Assessment and Treatment of Problem Behavior

KELSEY CAMPBELL, Jennifer N. Fritz, Leah Smith, and Kyle Dawson (University of Houston-Clear Lake)

## #447 Panel Discussion

11:00 am–11:50 am  
Marriott Marquis, San Diego Ballroom A  
PCH; Service Delivery  
BACB CE Offered. CE Instructor: Michelle P. Kelly, Ph.D.

### The Trials and Tribulations of the International Growth of a Science

Chair: Michelle P. Kelly (Emirates College for Advanced Education)

KAROLA DILLENBURGER (Queen's University Belfast)  
SMITA AWASTHI (Behavior Momentum India)  
CLODAGH MARY MURRAY (National University of Ireland Galway)

## #448 Paper Session

11:00 am–11:50 am  
Marriott Marquis, Grand Ballroom 10-13  
PCH

### Aesthetics, Animations, and Action!

Chair: Francis Mechner (The Mechner Foundation)

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### Aesthetics and the Biological Roots of Non-Primary Reinforcers (Theory)

FRANCIS MECHNER (The Mechner Foundation)

### Animating the Evolution of the Skinner Box: Challenges in Visualizing Scientific Method (Theory)

THEODORE KENNEDY

## #449 B. F. Skinner Lecture Series

11:00 am–11:50 am  
Marriott Marquis, Grand Ballroom 7-9  
SCI  
BACB/PSY/QABA CE Offered. CE Instructor: William Stoops, Ph.D.

### Leveraging Olfaction to Study Innate Behavior in the Mouse

Chair: William Stoops (University of Kentucky)

LISA STOWERS (The Scripps Research Institute)



Dr. Lisa Stowers is a professor of neuroscience at The Scripps Research Institute. She studies the ligands, neurons, and brain nuclei that initiate social behavior using molecular genetics and genomics; her work is determining the rules that generate the information coding of neuronal networks.

**Abstract:** The neural code and mechanisms that underlie the generation of behavior has been difficult to crack. Innate behaviors such as aggression, fear, and mating may pose a tractable model because they are highly conserved across evolution, their proper regulation and display is essential for fitness, and some of the essential circuit, amygdala and hypothalamus, are known. However, the identity of the precise neurons and logic of the circuits that generate these innate behaviors remains largely unknown and therefore unstudied. In the mouse, all of these essential behaviors can be robustly initiated by olfactory cues. We have identified specific sensory ligands that now enable us to precisely stimulate and identify the neural mechanisms that generate behavior. We are creating and assessing novel tools to be able to identify and manipulate the circuits that generate behavior. In addition, we are studying how the sensory information elicits variable responses depending on state, gender, or the complexity of the environment.

## #450 Panel Discussion

11:00 am–11:50 am  
Manchester Grand Hyatt, Harbor Ballroom C  
TBA; Applied Research

### A Panel Discussion of the Mentoring Program at the Behavior Analysis Program in the Department of Pediatrics at the University of Iowa

Chair: Jennifer J. McComas (University of Minnesota)

ANDREW W. GARDNER (University of Arizona)  
KELLY M. SCHIELTZ (The University of Missouri)  
GREGORY K. REED (Howard University)

## #451 Symposium

11:00 am–12:50 pm  
Manchester Grand Hyatt, Grand Hall B  
AUT; Applied Research  
BACB CE Offered. CE Instructor: Samantha Bergmann, M.A.

### Assessing Procedural Variations to Evaluate Efficacy and Efficiency of Conditional Discrimination Interventions

Chair: Samantha Bergmann (University of Wisconsin - Milwaukee)  
Discussant: Einar T. Ingvarsson (Virginia Institute of Autism)

#### Evaluating the Efficacy and Efficiency of Auditory Discrimination Procedures: A Translational Study With Two Typically Developing Children

SAMANTHA BERGMANN, Tiffany Kodak, and Gabriella Rachal Van Den Elzen (University of Wisconsin - Milwaukee); Terra Cliett (University of North Texas); and Raven Wood and Hannah Doyle (University of Wisconsin - Milwaukee)

#### Effects of Error Correction Trials on Receptive Label Acquisition Under Two Stimulus Presentation Arrangements

PROVIDENCE GEE (Baylor University), Kiley Hiatt (Baylor University) and Bailey Devine and Anna I. Petursdottir (Texas Christian University)

**Effects of Stimulus Presentation Order During Auditory-Visual Conditional Discrimination Training for Children With Autism Spectrum Disorder**

JULIE CUBICCIOTTI, Jason C. Vladescu, and Kenneth F. Reeve (Caldwell University); Regina A. Carroll (West Virginia University); and Lauren K. Schnell (Caldwell University)

**A Comparison Between Two Discrimination Training Procedures to Teach Simple and Complex Skills**

BRITTANY MARIE DISANTI, Svein Eikeseth, and Sigmund Eldevik (Oslo and Akershus University College of Applied Sciences)

**#452 Symposium**

11:00 am–12:50 pm

Manchester Grand Hyatt, Seaport Ballroom G

AUT/DDA; Applied Research

BACB CE Offered. CE Instructor: Christopher Manente, Ph.D.

**Differential Reinforcement as an Adjunctive Treatment Component for Interventions Employing Response Interruption and Redirection**

Chair: Robert W. Isenhower (Douglass Developmental Disabilities Center; Rutgers University)

Discussant: Christopher Manente (Rutgers Center for Adult Autism Services, Rutgers University)

**An Evaluation of RIRD, DRA, and RIRD Plus DRA on Levels of Stereotypy and Appropriate Play**

Catia Cividini-Motta, Anna Garcia, Cynthia P. Livingston, and HANNAH LYNN MACNAUL (University of South Florida)

**Teaching a Functionally Equivalent Response With a Competing Item and Response Interruption and Redirection to Reduce Pica**

JACQUELINE SMITH, Rachel Mislavsky, Caitlin Kehoe, Denise McNair, and Molly Vigneri (Rutgers University; Douglass Developmental Disabilities Center) and Robert LaRue (Rutgers University)

**Differential Reinforcement of Incompatible Behavior to Reduce Food Stealing for an Adult With Autism**

JENNA BUDGE (Rutgers University), James Maraventano and Efrat Kemp (Douglass Developmental Disabilities Center), and Robert LaRue (Rutgers University)

**Assessment and Treatment of Ritualistic Behaviors in Adults With Autism**

JAMES MARAVENTANO (Douglass Developmental Disabilities Center), Jenna Budge (Rutgers University), Efrat Kemp (Douglass Developmental Disabilities Center), and Robert LaRue (Rutgers University)

**#453 Symposium**

11:00 am–12:50 pm

Manchester Grand Hyatt, Grand Hall C

AUT; Applied Research

BACB CE Offered. CE Instructor: Linda A. LeBlanc, M.S.

**Teaching Children Skills that Promote Safety and Healthy Living**

Chair: Amber R. Paden (University of Nebraska Medical Center's Munroe-Meyer Institute)

Discussant: Linda A. LeBlanc (LeBlanc Behavioral Consulting LLC)

**Using Behavior Skills Training to Teach Abduction Prevention Skills to Children With Autism**

MEGAN ASHLEY LEVESQUE, Jessica Niemeier, and Nicole M. Rodriguez (University of Nebraska Medical Center's Munroe-Meyer Institute)

**Effects of Video Modeling and Visual Feedback on Handwashing in Preschool-Age Children**

RACHEL JESS (The University of Kansas), Claudia L. Dozier (The University of Kansas), Elizabeth Foley (The University of Kansas), Daniela Garcia (The University of Kansas)

**Using Behavioral Skills Training and Equivalence-Based Instruction to Teach Children Safe Responding to Dangerous Stimuli**

ANTONIA GIANNAKAKOS, Jason C. Vladescu, April N. Kisamore, Kenneth F. Reeve, and Daniel Mark Fienup (Columbia University)

**A Video Modeling Approach to Train Abduction Prevention Skills**

JONATHAN PRIEHS and William H. Ahearn (New England Center for Children)

**#454 Symposium**

11:00 am–12:50 pm

Manchester Grand Hyatt, Harbor Ballroom AB

DDA; Applied Research

BACB CE Offered. CE Instructor: Jennifer L. Cook, M.S.

**Evaluating Skill Sets Across a Variety of Populations**

Chair: Kimberly Crosland (University of South Florida)

Discussant: Claudia L. Dozier (The University of Kansas)

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**Further Evaluation of a Practitioner Model for Increasing Eye Contact in Children With Autism**

JENNIFER L. COOK (University of South Florida; Monarch House); John T. Rapp (Auburn University); and Raluca Nuta, Carissa Balagot, Kayla Crouchman, Claire Jenkins, Sidrah Karim, and Chelsea Watters-Wybrew (Monarch House)

**Descriptive Analyses for Eye Contact During Social Interactions**

NADRATU NUHU, John T. Rapp, Anna Kate Edgemon, Amanda Niedfeld, and Jodi Coon (Auburn University)

**Using a MotivAider to Increase Behavior-Specific Praise From Staff in a Residential Facility**

Marissa A. Novotny, KIMBERLY CROSLAND, and Darienne Boyden (University of South Florida)

**Teaching Culinary Skills Using Video Modeling to Individuals With Traumatic Brain Injury**

SARAH CASTRO, Kimberly Crosland, and Jessica Moore (University of South Florida)

**#455 Symposium**

11:00 am–12:50 pm

Marriott Marquis, San Diego Ballroom B

EAB/AAB; Basic Research

**Persistence of Operant Responding: Some Basic and Translational Results**

Chair: Kenneth David Madrigal-Alcaraz (Universidad de Guadalajara (CEIC))

Discussant: Andrew R. Craig (University of Nebraska Medical Center)

**Effects of Context Change in the Presence and Absence of Differential Reinforcement: Basic and Translational Investigations**

MADELEINE DIANE KEEVY (University of Nebraska Medical Center), John Bai (University of Auckland), and Christopher A. Podlesnik (Florida Institute of Technology)

**Resistance to Change and the Alternation of Multiple-Schedule Components**

RAQUEL MOREIRA ALÓ and Felipe Marques de Oliveira Rodrigues (Universidade de Brasília)

**The Effects of Quality and Delay of Reinforcement in Resistance to Extinction**

KENNETH DAVID MADRIGAL ALCARAZ, Cinthia Hernandez, and Carlos Javier Flores Aguirre (Universidad de Guadalajara)

**Response-Reinforcer Dependency, Response Rates and Resistance to Change: Further Experimental Analyses**

Teixeira Teixeira and CARLOS CANÇADO (Universidade de Brasília)

**#456 Symposium**

11:00 am–12:50 pm

Marriott Marquis, Rancho Santa Fe 1-3

EAB; Service Delivery

BACB CE Offered. CE Instructor: Mikhail Koffarnus, M.S.

**Behavioral Economics: Novel Applications to Basic and Applied Research**

Chair: Abigail Blackman (The University of Kansas)

Discussant: Mikhail Koffarnus (Virginia Tech Carilion Research Institute)

**An Experimental Evaluation of Cooperation and Productivity in a Simulated Group Work Task**

MATTHEW NOVAK and Florence D. DiGennaro Reed (The University of Kansas), Amy J. Henley (Western New England University), and Peter G. Roma (National Aeronautics and Space Administration; Institutes for Behavior Resources)

**A Behavioral Economic Assessment of Print and Screen Media Consumption in Preschool Children**

GIDEON NAUDE, Derek D. Reed, Christopher Cintron, and Matthew Novak (The University of Kansas)

**On Sunk Cost and Alcohol Use**

STEFANIE S. STANCATO, Michael Sofis, Shea M. Lemley, and David P. Jarmolowicz (The University of Kansas)

**Discounting of Delayed Treatment Outcomes by Parents of Children With Problem Behavior or Skill Deficits**

NATHAN CALL and Mindy C. Scheithauer (Emory University School of Medicine; Marcus Autism Center), Scott Gillespie (Emory University School of Medicine), and Sarah Wymer and Shannon K. Hewett (Marcus Autism Center)



#### #457 Symposium

11:00 am–12:50 pm  
Marriott Marquis, San Diego Ballroom C  
EAB/EDC

##### **Stimulus Equivalence: From Conceptual Issues to Translational Research**

Chair: Erik Arntzen (Oslo and Akershus University College)  
Discussant: Paula Ribeiro Braga Kenyon (Trumpet Behavioral Health)

##### **Can Sidman's Theory Provide an Alternative Interpretation of the Differential Outcomes Effect?**

MANISH VAIDYA (University of North Texas)

##### **The Inclusion of Reflexivity Test Trials in Stimulus Equivalence Research**

HANNA STEINUNN STEINGRIMSDOTTIR and Erik Arntzen (Oslo and Akershus University College)

##### **Nodality and the Graded Strengths of Transitive and Equivalence Relations**

LEIF ALBRIGHT (Caldwell University), Lanny Fields (Queens College, City University of New York), and Kenneth F. Reeve, Sharon A. Reeve, and April N. Kisamore (Caldwell University)

##### **Generalization of an ABA Intervention: A Systematic Generalized Equivalence Class Strategy**

LANNY FIELDS (Queens College, City University of New York), Kenneth F. Reeve (Caldwell University)

#### #458 Symposium

11:00 am–12:50 pm  
Manchester Grand Hyatt, Harbor Ballroom HI  
EDC/TBA; Service Delivery  
BACB CE Offered. CE Instructor: Kathryn Glodowski, Ph.D.

##### **Promoting College Student Engagement and Success: An Overview of Tried-and-True Teaching Strategies**

Chair: Kathryn Glodowski (Pennsylvania State University - Harrisburg)  
Discussant: Tim McLaughlin (Gonzaga University)

##### **Evidence-Based Recommendations for Programming Quizzes to Improve College Student Behavior**

KATHRYN GLODOWSKI (Pennsylvania State University - Harrisburg), Rachel H. Thompson (Western New England University), and Ashley Asuncion (Pennsylvania State University - Harrisburg)

##### **SAFMEDS Instruction Combined with Precision Teaching, an Alternative to Quizzes: Modeling Data Collection and Analysis**

WILLIAM J. SWEENEY and Monica Karen Iverson (University of South Dakota)

##### **Within Course Activities for College Students Aimed to Engage and Increase Data-Based Decision Making**

JENNIFER NEYMAN and Kimberly P. Weber (Gonzaga University)

##### **Promoting Active Student Responding: Examples of Individual and Group Active Engagement in a Post-Secondary Setting**

KIM KILLU (University of Michigan - Dearborn)

#### #459 Symposium

11:00 am–12:50 pm  
Marriott Marquis, Marina Ballroom F  
OBM/EAB; Service Delivery

##### **The Behavioral Economics of Health and Technology**

Chair: Valdimar Sigurdsson (Reykjavik University)  
Discussant: Asle Fagerström (Westerdals Oslo School of Arts, Communication and Technology)

##### **An Overview of Behavioral Economics of Health**

GORDON R. FOXALL (Cardiff University)

##### **Nudging Healthy Food Consumption With Smart Carts**

VALDIMAR SIGURDSSON (Reykjavik University), Nils Larsen (UIT-The Arctic University of Norway), Asle Fagerström (Westerdals Oslo School of Arts, Communication and Technology), and Niklas Eriksson (Arcada University of Applied Sciences)

##### **Online Healthy Food Experiments: Capturing Complexity Using Choice-Based Conjoint Analysis**

VISHNU MENON and Valdimar Sigurdsson (Reykjavik University) and Asle Fagerström (Westerdals Oslo School of Arts, Communication and Technology)

##### **The Relative Impact of Internet of Things Based Information When Shopping Grocery**

ASLE FAGERSTRØM (Westerdals Oslo School of Arts, Communication and Technology), Niklas Eriksson (Arcada University of Applied Sciences), and Valdimar Sigurdsson (Reykjavik University)

#### #460 Symposium

11:00 am–12:50 pm  
Marriott Marquis, Marina Ballroom E  
OBM/PRA; Applied Research  
BACB CE Offered. CE Instructor: David A. Wilder, Ph.D.

##### **Novel Applications of Behavior Analytic Training Procedures**

Chair: Denys Brand (The University of Kansas)  
Discussant: David A. Wilder (Florida Institute of Technology)

##### **Enhancing the Fidelity of In-Home Training by Novice Trainers Using Pyramidal Behavioral Skills Training**

TYLER ERATH, Florence D. DiGennaro Reed, Hunter Sundermeyer, Denys Brand, Matthew Harbison, and Matthew Novak (The University of Kansas)

##### **Increasing Healthy Behavioral Practices in Residential and Day Programs for Adults With Intellectual and Developmental Disabilities**

BERTILDE U KAMANA, Claudia L. Dozier, Ali Markowitz, Nicole Kanaman, Stephanie M. Glaze, Kelley L. Harrison, Alec Bernstein, and Marcella Hangen (The University of Kansas)

##### **An Evaluation of Generic and Program-Specific Treatment Integrity for Behavioral Skills Training**

MEGHAN SILVA, Brittany Ann Juban, Ryan J. Martin, Whitney L. Kleinert, and Cynthia M. Anderson (May Institute)

##### **Training Registered Behavioral Technicians to Implement Naturalistic Behavioral Interventions**

KACIE MCGARRY and Emily Crochet (The Scott Center for Autism Treatment, Florida Institute of Technology), Ivy M. Chong Crane (May Institute), and Corina Jimenez-Gomez (The Scott Center for Autism Treatment, Florida Institute of Technology)

#### #461 Symposium

11:00 am–12:50 pm  
Manchester Grand Hyatt, Seaport Ballroom B  
PRA/AUT; Service Delivery  
BACB CE Offered. CE Instructor: Gina Green, Ph.D.

##### **On the Longevity of Behavioral Intervention**

Chair: Louis Paul Alexander Busch (Centre for Addiction and Mental Health)  
Discussant: Gina Green (Association of Professional Behavior Analysts)

##### **Programming the Maintenance of Parent-Behavior Interventions**

ERIC V. LARSSON (Lovaas Institute Midwest), Louis Paul Alexander Busch (Centre for Addiction and Mental Health), and Sara Snow (St. Cloud State University)

##### **Trends in Maintenance and the Functional Stability of Functional Analysis Based Treatments**

SARA SNOW and Michele R. Traub (St. Cloud State University)

##### **Life-Threatening Pica at 5-Years Post Intervention**

LOUIS PAUL ALEXANDER BUSCH (Centre for Addiction and Mental Health), Valdeep Saini (Upstate Medical University), Carobeth Zorzos (Dalton Associates), and Olanrewaju Duyile (Florida Institute of Technology)

##### **Promoting Generalization and Maintenance of Mediator Skills**

MAURICE FELDMAN (Brock University)

#### #462 Paper Session

12:00 pm–12:20 pm  
Marriott Marquis, Marina Ballroom D  
AAB

##### **The Influence of Kitten Training and Socialization Classes on the Kitten-Human Bond**

Chair: Kristyn Vitale Shreve (Oregon State University)

##### **The Influence of Kitten Training and Socialization Classes on the Kitten-Human Bond (Applied Research)**

KRISTYN VITALE SHREVE (Oregon State University), Monique Udell (Oregon State University)

#### #463 Symposium

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Seaport Ballroom F  
AUT/PRA; Applied Research  
BACB CE Offered. CE Instructor: Julie Koudys, Ph.D.

##### **Vocal Behaviour During Transition From PECS to a Speech Generating Device: Impact of Teaching Strategies and Voice Output**

Chair: Lori Frost (Pyramid Educational Consultants)  
Discussant: Andy Bondy (Pyramid Educational Consultants, Inc.)

##### **Transition from PECS to PECS IV App: Impact of the Voice Output Feature on Vocal Behaviour**

JULIE KOUDYS and Krysten Elizabeth Thompson (Brock University)

##### **An Adapted Alternating Treatments Comparison of Two Interventions for Teaching Speech-Generating Device Use: Impact on Vocal Behaviour**

KRYSTEN ELIZABETH THOMPSON and Julie Koudys (Brock University)

#### #464 Symposium

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Seaport Ballroom H  
AUT/VRB; Applied Research  
BACB CE Offered. CE Instructor: Nicole Pantano, M.A.

##### **Teaching Mands for Information, Prepositions, and Perspective Taking to Children With Autism Spectrum Disorder**

Chair: Nicole Pantano (Caldwell University)

##### **Using Behavior Chain Interruption Strategy to Teach Adolescents With Autism to Mand for Information**

NICOLE PANTANO, Brielle Sheridan, and Sharon A. Reeve (Caldwell University); Danielle L. Gureghian (Garden Academy); and April N. Kisamore (Caldwell University)

##### **Training and Transfer of Control of Prepositions as Mands and Tacts**

SAMANTHA KLASEK, Tiffany Kodak, and Brittany Benitez (University of Wisconsin - Milwaukee); Shaji Haq and Gabriella Ulloa (Trumpet Behavioral Health); Ella M Gorgan (University of Wisconsin - Milwaukee); Gabriella Rachal Van Den Elzen (University of Wisconsin); and Sophie Knutson (University of Wisconsin - Milwaukee)

##### **Teaching Perspective Taking Skills to Children With Autism**

CALEB STANLEY, Mark R. Dixon, Becky Barron, Dana Paliliunas, and Jordan Belisle (Southern Illinois University)

#### #465 Symposium

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Grand Hall D  
AUT/PRA

##### **Research and Implications of a Behavioral Perspective of Rigidity, Grit, and Perspective Taking**

Chair: William Root (Southern Illinois University, Carbondale)

##### **Let's Loosen Up: Research Review and Behavioral Conceptual Analysis of Flexibility in Autism**

ALEXANDRA LITTLE (University of Southern California; Learning and Behavioral Center), Jonathan J. Tarbox (University of Southern California; FirstSteps for Kids), and Evelyn R. Gould (FirstSteps for Kids, Inc.)

##### **True Grit: Conceptual Analysis and Review of Research on Grit**

DAMION BIRL (University of Southern California; Autism Behavior Interventions) and Jonathan J. Tarbox (University of Southern California; FirstSteps for Kids)

##### **Perspective-Taking and Multiple Exemplars in Adults With Autism Spectrum Disorder**

NATALIA BAIRES and Ruth Anne Rehfeldt (Southern Illinois University)

#### #466 Symposium

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Grand Hall A  
AUT/PRA; Service Delivery  
BACB CE Offered. CE Instructor: Lynne Levato, Ph.D.

##### **Keeping What Works and Looking to Improve: Early Intervention in Autism Spectrum Disorder**

Chair: Lynne Levato (University of Rochester Medical Center)

##### **Sustainability of Early Intensive Behavioral Intervention for Children With Autism Spectrum Disorder in a Community Setting**

CHANTI FRITZSCHING WATERS and Mila A. Amerine Dickens (Central Valley Autism Project, Inc.) and Sally Thurston, Xiang Lu, and Tristram Smith (University of Rochester Medical Center)

##### **Preliminary Comparison of Two Models of Low-Intensity Behavior Analytic Intervention for Preschool Children With Autism**

Mary Louise E. Kerwin, Michelle Ennis Soreth, and VICTOR CHIN (Rowan University); Vincent Joseph Carbone (Carbone Clinic); and Tristram Smith (University of Rochester Medical Center)

##### **Randomized Trial of Early Intervention for Spoken Communication in Autism Spectrum Disorder**

Tristram Smith (University of Rochester Medical Center), Connie Kasari (University of California, Los Angeles), Rebecca Landa (Kennedy Krieger Institute), DANIEL W. MRUZEK (University of Rochester Medical Center), Stephanie Shire (University of Oregon), Wendy Shih (University of California Los Angeles), Dana Herman (Kennedy Krieger Institute), and Damla Senturk (University of California Los Angeles)

#### #467 Invited Presenter

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Coronado Ballroom AB  
CBM  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Robert Stromer, Ph.D.

##### **Become a Better Practitioner by Being Your Own Best Behavior Therapist**

Chair: Amy Murrell (University of North Texas)

ROBERT STROMER (George Brown College)



During the first 3.5 decades of his career, Robert was a school psychologist, educational consultant and program coordinator, mental health clinician, university teacher, and researcher. Published accounts of his work are mostly about research on stimulus control and derived performances in humans. He served on the editorial boards of the *Journal of the Experimental Analysis of Behavior* and *The Behavior Analyst*, and was both a board member and an associate editor for the *Journal of Applied Behavior Analysis*. For the last 12 years, Robert's been teaching in George Brown College's behavioral science programs for undergraduates: he also supervised services for a classroom of children with autism. In areas of personal and professional development, his current interests concern matters of medical and health care, self-management, treatment adherence, behavior therapy, and today's mindfulness-based therapies and self-help practices. He maintains an ambitious program of self-experimentation on matters of health and wellness, coaches others in such practices, and pursues advanced studies and teacher certifications in mindfulness meditation and compassion. Going forward he hopes to share lessons learned from self-help investigations with college students, parents, and colleagues, and with peers who are enjoying old age as best they can.

**Abstract:** Learning to be “your own best therapist” may be essential to becoming a competent and joyful practitioner. An informed self-care repertoire often leads to satisfying ways to manage stress and deal with emotional issues; and, importantly, it prepares the practitioner to help other analysts take care of themselves and their clients. To accomplish such results, we suggest a self-care approach that draws from basic learning principles and self-management strategies, combined with the values, attitudes, and practices of mindfulness meditation. Using this approach, I'll describe how I revamped my daily life for a more satisfying and productive existence. Initially, the aim was to address health and emotional issues; later, the focus turned to maintenance and elaboration of skills learned. My procedures targeted both public and private events and included: direct and indirect measures, journaling, formal and informal practices, and social networking. Recent variants of the program use neurofeedback and experience sampling technologies to monitor and evaluate formal and informal practices, respectively. The outcomes have been remarkably satisfying, “cusp like” in nature, and impactful across several key personal values: health and wellness, relationships, professional and personal growth. Colleagues have conducted similar investigations and achieved satisfying results. College students have responded favorably to a program designed expressly for emerging adults, and selected graduates are being groomed as peer facilitators in the program. Our hope is to offer the program college-wide to help address growing concerns about students' health and wellness.

#### #468 Panel Discussion

12:00 pm–12:50 pm  
Marriott Marquis, Marina Ballroom G  
CSS; Service Delivery  
BACB CE Offered. CE Instructor: Julia H. Fiebig, Ph.D.

##### **The Role of Behavior Analysis in the Climate Change Crisis**

Chair: Meagan Perkins (University of Louisiana at Lafayette)

JULIA H. FIEBIG (Ball State University; ABA Global Initiatives LLC)  
MOLLI LUKE (Behavior Analyst Certification Board)  
MOLLY BENSON (Hawaii Association for Behavior Analysis; North Carolina Association for Behavior Analysis; Massachusetts Association for Behavior Analysis)

#### #469 Symposium

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Coronado Ballroom DE  
DEV/TBA; Service Delivery  
BACB CE Offered. CE Instructor: Jessica Singer-Dudek, Ph.D.

##### **School-Based Systems and Procedures for Addressing Early Childhood Development and Anxiety Disorders**

Chair: Jessica Singer-Dudek (Teachers College, Columbia University)

##### **School-Based Prevention and Intervention Programs for Anxiety Disorders: Current Issues, Future Directions, and Evidence-Based Interventions**

CELAL PERIHAN and Mack D. Burke (Texas A&M University)

##### **Teacher as a Scientist: Application of Protocol for Analysis of Student's Learning and Teaching Decisions Making as a Tool for Advancement of Novice Teachers**

Nirvana Pistoljevic (EDUS; CABAS and Teachers College, Columbia University), Stanislava Majusevic (EDUS), and JESSICA SINGER-DUDEK (Teachers College, Columbia University)

##### **Developing Early Detection and Intervention Systems for a Country: How Behavioral Science Can Help**

NIRVANA PISTOLJEVIC (EDUS; CABAS and Teachers College, Columbia University) and Eldin Dzanko (EDUS)

#### #470 Paper Session

12:00 pm–12:50 pm  
Marriott Marquis, San Diego Ballroom A  
PCH

##### **International History and Trends**

Chair: Kinga Wolos-Zachmeier (The ABRITE Organization)

##### **The Behavior of Behavior Analysts Around the World: The Example of Poland (Theory)**

KINGA WOLOS-ZACHMEIER (The ABRITE Organization) and Przemyslaw Babel (Jagiellonian University, Institute of Psychology)

##### **Tobacco Abuse: A Systematic Review of Behavioral Experimental Studies Over the 1960s to the 2010s (Applied Research)**

FERNANDA CASTANHO CALIXTO, Fernando Tofoli Neto, and Maria de Jesus Dutra Dutra dos Reis (Universidade Federal de São Carlos) and Roberto Banaco (Pontificia Universidade Católica de São Paulo)

#### #471 Panel Discussion

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Seaport Ballroom A  
PRA; Service Delivery

##### **Ethical Expansion: Ethical Challenges Involved in Broader Application and Dissemination of Behavior Analysis**

Chair: Jonah David McManus (University of Louisiana in Lafayette)

MICHELE R. TRAUB (St. Cloud State University)  
NANETTE L. PERRIN (LifeShare USA)  
CHERYL J. DAVIS (7 Dimensions Consulting; SupervisorABA)

#### #472 Panel Discussion

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Seaport Ballroom C  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: Gianna Biscontini, M.A.

##### **BehaviorPreneur: Creating Value and Differentiating Your Business**

Chair: Gianna Biscontini (Biscontini Behavior)

PAULO AGUIRRA GAMEIRO (Bx+)  
GIANNA BISCONTINI (Biscontini Behavior)  
ANDRES CHAVEZ (BehaviorMe, Inc.)

#### #473 B. F. Skinner Lecture Series

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Seaport Ballroom DE  
PRA  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: John M. Guercio, Ph.D.

##### **Angry Love and Ruthless Compassion: Repairing Attachments in Early Childhood**

Chair: John M. Guercio (Benchmark Human Services)

STEPHEN ZWOLAK (LUME Institute)



Stephen P. Zwolak is the founder and CEO of LUME Institute and Executive Director of University City Children's Center, LUME's lab school. Steve has more than 45 years experience working in the field of early childhood. He is recognized for leading the conversation on the impact and future of early childhood education in St. Louis and beyond. His years as a classroom teacher, a leader in various educational arenas, and a student of children, drove him to develop the LUME Approach, for which there is growing evidence of closing the racial and socioeconomic achievement gap. The LUME Approach brings together theoretical, observational,

and neuroscientific research that affirms that the emotional development of children is critical to academic success and lifelong positive outcomes. As a young teacher, Steve studied at the St. Louis Psychoanalytic Institute, an educational center for which he now periodically serves as an instructor for others in child- and family-serving professions. In 2015, he received the American Psychoanalytic Association Educational Achievement Award. Today, Steve is recognized for his visionary thinking and entrepreneurial ability to create, enhance, and expand programs and develop infrastructure. He develops curricula which includes understanding the importance of children's sexual development and addressing angry love with ruthless compassion in the classroom and home. As a speaker and educator known for his warm demeanor, Steve skillfully challenges and motivates teachers to develop reflective practices in their daily relationships with children and families and to be prepared to administer therapeutic triage using a multi-disciplinary approach.

**Abstract:** What can you do to support children who are aggressive and disruptive? Through an interactive Prezi presentation, paired with case studies, research, and a group discussion, participants will explore Adverse Childhood Experiences, attachment, temperament, emotional milestones, expulsion, and early childhood mental health consultation.

#### #474 Invited Panel

**Recorded**

12:00 pm–12:50 pm  
Marriott Marquis, Grand Ballroom 7-9  
SCI; Theory  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Claire C. St. Peter, Ph.D.

##### **Has "Translational Research" Been Lost in Translation?**

Chair: Claire C. St. Peter (West Virginia University)

ISER GUILLERMO DELEON (University of Florida)  
MICHAEL PERONE (West Virginia University)  
ANNA I. PETURSDOTTIR (Texas Christian University)



Iser DeLeon earned his Ph.D. at the University of Florida, where he is now professor in the Department of Psychology. Recent prior positions include associate professor of psychiatry at the Johns Hopkins University School of Medicine and director of Research Development for the Department of Behavioral Psychology at the Kennedy Krieger Institute in Baltimore, MD. Dr. DeLeon is also the current President of the Board of Directors of the Behavior Analyst Certification Board. He has previously served as associate editor for both the *Journal of Applied Behavior Analysis* and the *Journal of the Experimental Analysis of Behavior* as well as on the editorial board for several other journals in behavior analysis. His research has focused on assessment and treatment

of aberrant behavior in persons with neurodevelopmental disorders, identification of preferences and determinants of choice, and translation of basic behavioral processes towards enhancing therapeutic and instructional outcomes.



Michael Perone earned his PhD in 1981 at the University of Wisconsin-Milwaukee. He was an assistant professor at the University of North Carolina at Wilmington before joining the faculty at West Virginia University in 1984, where he is a professor of psychology and an associate dean. Much of his current research is concerned with developing laboratory models of behavioral processes involved in problem behavior such as failures of self-control. He has served the field of behavior analysis as an associate editor of the *Journal of the Experimental Analysis of Behavior* and as president of ABAI. He currently serves as Coordinator of the ABAI Accreditation Board.



Anna Ingeborg Petursdottir received her Ph.D. from Western Michigan University under the supervision of James E. Carr. She is currently a tenured associate professor at Texas Christian University (TCU), where she teaches undergraduate and graduate courses and supervises Ph.D. students in Experimental Psychology. She also holds an appointment as a part-time lecturer at Reykjavik University in Iceland. Anna's research encompasses both basic and applied interests and focuses primarily on verbal behavior acquisition and the relationship between verbal behavior and derived stimulus relations. Her work has been published in the *Journal of Applied Behavior Analysis (JABA)*, the *Journal of the Experimental Analysis of Behavior (JEAB)* and *The Analysis of Verbal Behavior (TAVB)*, among other journals. Anna is a previous editor of *TAVB*, a previous associate editor of *JABA*, and a current associate editor of *JEAB*. She is also a past coordinator of ABAI's Publication Board and a past president of the Texas Association for Behavior Analysis.

**Abstract:** This panel discussion will provide a dialog on the potential schism between basic and applied behavior analysis. Panelists will discuss their experiences in the conduct of translational research that informs basic process or applied technologies. Panelists will also share their interpretations on what constitutes "translational" research, the role of translational research in bridging divides between basic and applied sciences, and how researchers might arrange translational research programs in ways that advance both basic and applied science. Finally, panelists will suggest potential fruitful avenues for future translational research.

#### #475 Panel Discussion

12:00 pm–12:50 pm  
Manchester Grand Hyatt, Harbor Ballroom C  
TBA; Service Delivery  
BACB CE Offered. CE Instructor: Rocio Rosales, Ph.D.

**Yes We Can: Women's Perspectives on Surviving and Thriving in Academia**  
Chair: Emily Kennison Sandoz (University of Louisiana at Lafayette)

ADEL C. NAJDOWSKI (Pepperdine University)  
ALYSSA N. WILSON (Saint Louis University)  
ROCIO ROSALES (University of Massachusetts Lowell)

#### #476 Poster Session

1:00 pm–3:00 pm  
Marriott Marquis, Grand Ballroom 1-6  
EAB  
Chair: Eric S. Murphy (University of Alaska Anchorage)

*Discussant: Zachary H. Morford (Koan School)*

- 1. The Effect of Switching from Intermitent to Continuous Reinforcement on Extinction of Behavior** (Basic Research) KATHRYN M. POTOCZAK and Katya Nolder (Shippensburg University)
- 2. The Role of Reinforcement Rates in Behavioral History Effects for White Leghorn Chicks' Key-Peck Responding** (Basic Research) TATSUHIRO NAKAMURA and Tetsumi Moriyama (Tohoku University)
- 3. Serotonin 6 Receptor Antagonist BGC 20791 Reduces Repetitive Behaviors in BTBR Mouse Model of Autism Spectrum Disorder** (AUT; Basic Research) REBEKAH ROSEMARY POSADAS, Sophie Peterson, Alma Pahua, Armando Hernandez, and Dionisio Amodeo (California State University, San Bernardino)
- 4. Cooperative Responding in Rats Maintained by Fixed- and Variable-Ratio Schedules** (Basic Research) LUCAS COUTO DE CARVALHO (Oslo and Akershus University College); Leticia Santos, Alceu Regaço, Thiago Braga, Rafael da Silva, and Deisy De Souza (Universidade Federal de São Carlos); and Ingunn Sandaker (Oslo and Akershus University College of Applied Sciences)
- 5. Effects of Delaying Reinforcement From Earn and Collect Responses in Food Accumulation** (PRA; Basic Research) CARLOS ALEXIS PEREZ HERRERA and Carlos A. Bruner (Universidad Nacional Autónoma de México)

**6. Interrelationship Between Attacker Pigeons' Extinction-Induced Attack and Their Target Pigeons' Pecking Towards the Attackers** (Basic Research) TAKASHI SAKUMA (Tohoku University)

**7. Ethanol Consumption in Rats Engendered by Negative Incentive Shifts in Food Reward** (BPN; Basic Research) KAYCE MCCLELLAN HOPPER, Leslie Sawyer, Ellie Cutright, and Chad M. Galuska (College of Charleston)

**8. Old Pigeons, New Tricks** (Basic Research) Tonya Paige Blosser, DANIEL BELL-GARRISON, and Kennon Andy Lattal (West Virginia University)

**10. Imitation in Pigeons** (AAB; Basic Research) KAYLA EICHSTEDT, Brian R. Katz, and Kennon Andy Lattal (West Virginia University)

*Discussant: Brian R. Katz (West Virginia University)*

**11. Social Enrichment Enhances Habituation to an Open-Field, but not to Positive Reinforcers** (Basic Research) KATHLEEN ROBIN MCNEALY, Gwen Lupfer-Johnson, Cassandra Anderson, and Eric S. Murphy (University of Alaska Anchorage)

**12. Comparison of a Prototype Remote Monitoring System to Conventional Video Observations for Rat Drinking Behavior** (PCH; Basic Research) HEATHER NALL and Derek Zelmer (University of South Carolina Aiken)

**13. Did Electro-Mechanical Tape Readers Undermine the Unpredictability of Variable-Interval Schedules: A Digital Analog Comparison of Variable-Interval Methodology** (AAB; Basic Research) NAOMI EVANS, Mark P. Reilly, and Eric James French (Central Michigan University)

**14. Effects of Delay of Reinforcement on Resistance to Change and Resurgence** (Basic Research) RAFAEL MACEDO and Carlos Cançado (Universidade de Brasília)

**15. Delay of Reinforcement, Response Rates and Resistance to Change** (Basic Research) LUCIANA PINHEIRO MARIN and Carlos Cançado (Universidade de Brasília)

**16. Investigation of Resurgence Across Mand Topography Proficiency** (AUT; Applied Research) ANDREA RAMIREZ-CRISTÓFORO, Cayenne Shpall, Terry S. Falcomata, and Fabiola Vargas Londoño (University of Texas at Austin)

**17. Response-Produced Contextual Cues in an ABA Renewal Procedure in Rats** (Basic Research) RODRIGO BENAVIDES and Rogelio Escobar (Universidad Nacional Autónoma de México)

**18. The Effects of Alternative-Reinforcer Magnitude on Resurgence: A Modified Replication of Craig et al. (2017)** (Basic Research) ROB J. GOODHUE, Carlos Lopez, Mary Elizabeth Hunter, and Jesus Rosales-Ruiz (University of North Texas)

**19. Resurgence of Observing Responses** (Basic Research) MATTHEW KLOCKE (West Virginia University), Catalina Serrano (Universidade de São Paulo), and Anthony Oliver and Kennon Andy Lattal (West Virginia University)

**20. Behavioral Contrast and Resurgence in Multiple and Concurrent Schedules** (Basic Research) ANTHONY OLIVER and Kennon Andy Lattal (West Virginia University)

*Discussant: Agustín Jaime Negrete (Universidad Autónoma de Baja California)*

**21. Resurgence, Behavioral Variability, and Probability of Reinforcement in Humans** (Basic Research) SHUN FUJIMAKI and Takayuki Sakagami (Keio University)

**22. Reinforcing Variability as a Method to Train Difficult Responses: An Experiment Using Computer Games** (AUT; Basic Research) JOCELYN HANSSON and Allen Neuringer (Reed College)

**23. The Effects of Response Effort on Spontaneous and Reinforced Variability** (Basic Research) LAUREN PALMATEER, Andrew Nuzzolilli, and Jonathan W. Pinkston (Western New England University)

**24. The Effects of Ratio and Interval Schedules on the Location Variability of Pecking Responses in Pigeons** (Basic Research) MASANORI KONO (Meisei University; Teikyo University)

**25. Behavioral Contrast Sensitivity in Zebrafish (Danio rerio)** (Basic Research) KAZUCHIKA MANABE (Nihon University)

**26. Building Bridges Between Behavior Analysis and Evolutionary Biology Through Experimentation** (BPN; Basic Research) LUIZ HENRIQUE SANTANA (University of São Paulo)

**27. Effects of Antennae Clipping on Side Preference of the Madagascar Hissing Cockroach** (Basic Research) ALEXANDRA VACHA, Hanna Pederson, Luke Andrew Whitehouse, Emma Elliott, and Paul Thomas Andronis (Northern Michigan University)

**28. Escape Response of the Madagascar Hissing Cockroach to Butane Combustion** (Basic Research) ERIN ELIZABETH WYLIE and Paul Thomas Andronis (Northern Michigan University)

**29. The Effects of Food Deprivation as an Establishing Operation on Madagascar Hissing Cockroaches** (Basic Research) ERIN ELIZABETH WYLIE, Luke Andrew Whitehouse, Monica Jones, and Paul Thomas Andronis (Northern Michigan University)

## #477 Poster Session

1:00 pm–3:00 pm  
Marriott Marquis, Grand Ballroom 1-6  
EDC

Chair: Scott P. Ardoin (UGA Center for Autism and Behavioral Education Research)

*Discussant: Laura J. Hall (San Diego State University)*

**30. Influencing Student On-Task and Off-Task Behavior by Changing a Paraprofessional's Praise Rate in the Classroom** (DDA; Service Delivery) AMANDA LYNN THORNTON, Kimberly Peck, and Jessica E. Frieder (Western Michigan University)

**31. Pilot Study: Does Exercise Participation Enhance On-Task Behavior and Task Completion in Preschool Children?** (PRA; Service Delivery) JACQUELYN M. MACDONALD, Helen Consiglio, and Catherine Fuller (Regis College)

**32. Utilizing a Self-Monitoring Behavior Package in an Early Intervention Classroom: An Implementation of a Group Self & Match System** (DDA; Service Delivery) LUCY AINSMAN and George Roy Mayer (Retired; San Diego State University)

**33. Reducing Disruptive Classroom Behavior by Reconditioning Classroom as a Reinforcer: A Single-Case Study** (AUT; Applied Research) TSZ CHING NG and Tracy Yip (The Children's Institute of Hong Kong)

**34. Outcomes in Instruction Informed by Promoting the Emergence of Advanced Knowledge Versus a Non-Behavior Analytic Approach** (AUT; Service Delivery) KORTNIE COTTER FISHER, Jenna Conrad, Robert Gulick, and Franki Krugger (Achievement Center)

**35. Searching for Correlations Between Fluency Building Activities and State Testing Performance** (Service Delivery) Justin Halton, JILL HUNT, and Michelle Harrington (Judge Rotenberg Educational Center)

**36. The Impact of a Paper-Based Math Facts Curriculum on Math Fluency** (Service Delivery) JILL HUNT, Justin Halton, and Michelle Harrington (Judge Rotenberg Educational Center)

**37. Curriculum Redesign: Applying Behavior Analytic Strategies to Curriculum** (PRA; Service Delivery) JESSICA MCQUESTON (University of Wisconsin-Madison)

**38. Increasing Compliance and Reducing Challenging Behaviors Using Antecedent Interventions (Multi-Element Design)** (AUT; Service Delivery) JESSICA DOMINESEY (Erie 2 BOCES) and Carol Shaw and Brianna Betker (The Summit Center)

*Discussant: Bryan J. Blair (Endicott College)*

**39. A Case Study in Helping a Student Decrease Verbal Perseverations** (AUT; Service Delivery) ROSEMARIE GRIFFIN (ABA SPEECH LLC) and Carolline A. Turnbull (KidsLink Neurobehavioral Center)

**40. Collecting Reliable Data: Using a Training Module to Teach Interventionists' Effective Data Collection Practices** (Service Delivery) ROLANDA R. MAEZ (University of New Mexico)

**41. Effects of Behavioral Skills Training on Teacher Candidates' Use of a Communication Strategy** (Service Delivery) BROOKS VOSTAL and Alicia Mrachko (Bowling Green State University)

**42. Analysis of the Effects of Catalyst Electronic Data System on ABA Teachers' Data Entry Duration** (OBM; Service Delivery) TARA OLIVIA LOUGHREY, Jessica Dunn, Lindsey Jorgensen, Alessandra Ramirez, Maria Soto, Diana Lozano, and Tiffany Morhaim (The Victory Center for Autism and Related Disabilities)

**43. An Evaluation of the Use of a Remote Bug-In-Ear Device to Facilitate In-Situ Teacher Training** (AUT; Service Delivery) Kimberly Martell and JAMIE GAITHER (Ball State University), Leah Nellis (Indiana University at Kokomo), and Nichole Weakley (Ball State University)

**44. A Review and Meta-Analysis of Safety Skills Training in Applied Behavior Analysis** (Applied Research) JAMES E. KING (SEEK Education; University of Nevada, Reno), Michele D. Wallace (California State University, Los Angeles), and Linda J. Parrott Hayes (University of Nevada, Reno)

**45. Decreasing Escape-Maintained Problem Behavior and Increasing Skill Acquisition Using a Time-In Light Procedure** (AUT; Service Delivery) BENJAMIN HOUSTON HATLEY, Sarah M. Richling, and Miranda Merrill (Auburn University)

**46. Coercive Interactions and Academic Performance in School-Age Children** (EAB; Applied Research) MARIA GARCIA, Negrete Jaime Negrete, Pedro Fernandez, and Enrique Berra (Universidad Autónoma de Baja California)

**47. A Review of the Literature Pertaining to the Functions of Noncompliance** (Applied Research) HANNAH MARIE MAROSE and Kevin P. Klatt (University of Wisconsin-Eau Claire)

*Discussant: Benjamin N. Witts (St. Cloud State University)*

**48. Socially Significant Impact of Multi-Component Treatment Package for Adolescent With Mental Health Diagnoses** (Service Delivery) PAULETTE CLARK (Nashoba Regional School District; Family Perspectives, Inc.)

**49. Multiple-Tact Training and the Emergence of Categorization and Listener Behavior in Children With Autism** (VRB; Applied Research) DANIELA MENDONÇA RIBEIRO (Universidade Federal de Alagoas; Instituto Nacional de Ciência e Tecnologia sobre Comportamento, Cognição e Ensino), Rayssa Cavalcante and Ana Carolina Carolina Sella (Universidade Federal de Alagoas), and Caio F. Miguel (California State University, Sacramento)

**50. A Comparison of Two Methods for Teaching Tacts to Children with Autism Spectrum Disorder** (VRB; Applied Research) Rafaela de Melo Franco and Pedro Gomes (Universidade Federal de Alagoas), DANIELA MENDONÇA RIBEIRO (Universidade Federal de Alagoas; Instituto Nacional de Ciência e Tecnologia sobre Comportamento, Cognição e Ensino), and Ana Carolina Carolina Sella (Universidade Federal de Alagoas)

**51. Effects of a Prompt Hierarchy on Motor Imitation of Non-Imitative Children With Autism** (VRB; Applied Research) ANA CAROLINA CAROLINA SELLA, Rebeca Cavalcante, and Sayonara Gomes (Universidade Federal de Alagoas) and Daniela Mendonça Ribeiro (Universidade Federal de Alagoas; Instituto Nacional de Ciência e Tecnologia sobre Comportamento, Cognição e Ensino)

**52. The Effects of Self-Management Plus Token System on On-Task Behavior for a Junior-High School Student With Learning Disability** (Applied Research) Ching-yi Ou, WENCHU SUN, and Hua Feng (National ChangHua University of Education)

**53. A Comparative Study of Diagnostic Factor and Working Memory of Children With ADHD, ADHD At-Risk, and Normal Using Active Game Task With Robot** (EAB; Applied Research) YUNHEE SHIN (BK21Plus Student; Graduated School of Special Education, Daegu University), Hyo-Shin Lee (Department of Early Childhood Special Education, Daegu University), Sungbum Kim (Institute of Special Education & Rehabilitation Research Center, Daegu University), and EunJi Jeong (BK21Plus Student; Graduated School of Special Education, Daegu University)

**54. Improving Musical Performance With Precision Teaching** (Applied Research) MICHELLE NELSON, Dayna Beddick, and Leasha Barry (University of West Florida)

**55. Functional Analysis as an Emerging Practice in Israel: Prevalence and Limitations** (AUT; Applied Research) AVNER FRAIDLIN (David Yellin Academic College; Western Michigan University), Shiri Ayzvazo (David Yellin Academic College), Ronit Kankazil-Maimon (Matia Holon Azur), and Dana Charlap (Matya Hefer-Sharon)

**56. The Effectiveness of an Adapted Direct Instruction Mathematics Strategy Using Counters on Adding Negative Integers for a Female With a Learning Disability in a High School Resource Room** (DDA; Applied Research) JENNIFER M. NEYMAN, Calle Sullivan, Kathleen Ruff, and Kimberly P. Weber (Gonzaga University)

## #478 Poster Session

1:00 pm–3:00 pm  
Marriott Marquis, Grand Ballroom 1-6  
TBA

Chair: Scott A. Miller (University of Nebraska Medical Center)

*Discussant: Rocio Rosales (University of Massachusetts Lowell)*

**57. A Hybrid Model of Behavior Consultation and Professional Development for Building Capacity Across School Teams** (EDC; Service Delivery) AISLYNN KISER, John E. Staubitz, William Martin, Michelle Mahoney Hopton, Lauren A. Weaver, and A. Pablo Juarez (Vanderbilt University Medical Center, TRIAD)

**58. Using Goldfish to Teach Learning in Behavior Analysis** (AAB; Service Delivery) MARISSA STIUSO and Lindsay Renee Mehrkam (Monmouth University)

**59. Teaching Behavior Technicians to Create Single-Case Designs Using GraphPad Prism** (Applied Research) MALIKA JADE MCPHETERS, Daniel R. Mitteer, Kayla Rechelle Randall, Brian D. Greer, Adam M. Briggs, Wayne W. Fisher, and Victoria Cohrs (University of Nebraska Medical Center's Munroe-Meyer Institute)

**60. Improving Caregiver Procedural Integrity With the Implementation of Mand Training in the Home Setting** (CSS; Service Delivery) KATRIN TELIN and Jana Bauerova (ABA Centrum; Global Autism Project) and Jacob Sadavoy (Global Autism Project)

**61. Evaluating Functional Analysis and Choice Analysis Outcomes of Students Through a Challenging Behavior Training Project** (Applied Research) JAYME MEWS and Brenda J. Bassingthwaite (The University of Iowa Children's Hospital)



**62. Utilizing Behavior Skills Training to Teach Skill Acquisition Programs in an Adult Residential Facility** (PRA; Applied Research) Javid Rahaman and VICTOR CHIN (Bancroft)

**63. Can Recording Procedural Integrity of a Behavioral Procedure Result in Gaining Implementation Skills?** (AUT; Applied Research) DIANA PEREZ, Ellie Kazemi, and Brianna Herrera (California State University, Northridge)

**64. Teacher-Conducted Trial-Based Functional Analysis** (AUT; Applied Research) KRISTIN LEFEVRE (Melmark; Temple University), Matthew Tincani (Temple University), and Elizabeth Dayton (Melmark)

**65. Training Public School Educators to Teach Children With Autism** (AUT; Applied Research) WILLIAM J. CALDERHEAD and Jordan Kulaga (Sam Houston State University)

**66. Challenging Concepts and Terms as Viewed by Students in an Applied Behavior Analysis Preparation Program** (EDC; Theory) KEREN ENGLANDER, Racheli Mazor, Shay Menashe Shir, Nitzan Ram, and Eitan Eldar (Kibbutzim College)

#### #479 Poster Session

1:00 pm–3:00 pm

Marriott Marquis, Grand Ballroom 1-6

OBM

Chair: Guy S. Bruce (Appealing Solutions, LLC)

*Discussant: Byron J. Wine (The Faison Center)*

**67. How Organizational Behavior Management is Being Implemented in the Workplace: The Future** (PRA; Basic Research) JASPREET JAGPAL (Center for Autism and Related Disorders; One World Therapy; The Chicago School of Professional Psychology)

**68. Toward a “Warm and Fuzzy” Behavior Analysis: Granular, Behavioral Application of the Cube One Framework** (PRA; Applied Research) RICHARD KOPELMAN (Baruch College) and David Prottas (Adelphi University)

**69. Decreasing Phone Use Using Public Displays of Data and an Incentive** (Applied Research) HAILEY DIOGUARDI and Scott Singleton (University of Central Oklahoma)

**70. Stickers as Reinforcers for Credit Card Sign-Ups in a Retail Store** (Applied Research) SAMANTHA KNOWLES, Emmie Hebert, and Karen Kate Kellum (University of Mississippi)

**71. Using Goldiamond’s Constructional Questionnaire to Conduct a Needs Assessment Within an Organization** (Service Delivery) JESSICA WINNE and Melinda Sota (University of North Texas)

**72. The Effects of Two Different Types of Variable Message Signs on the Reduction of Vehicle Speed** (PRA; Applied Research) LIM SUNG JUN, Jidong Lee, Han kyu Park, Kwangsu Moon, and Shezeen Oah (Chung Ang University)

**73. The Effects of Education, Self-Monitoring With Goal Setting, and Social Comparison Feedback on Safety-Related Behaviors of Bus Drivers** (PRA; Applied Research) GaEun Roh, HAN KYU PARK, Kwangsu Moon, Lim Sung Jun, and Shezeen Oah (Chung-Ang University)

**74. Evaluating Simulations in Behavior Science: Measuring Complex Behavior in the Human Operant Chamber of the Future** (Theory) Steven Anbro, Alison Szarko, SOL MARTINE NILSEN, Ramona Houmanfar, Laura Crosswell, and Luka Starmer (University of Nevada, Reno) and Amber Marie Maraccini (Renown Health)

**75. Can the Concept of Metacontingency and the Performance Matrix Inform One Another?** (PCH; Theory) April M. Becker (The University of North Texas; The University of Texas Southwestern Medical Center) and YUKA KOREMURA (Ballast; Keio University)

**76. Statistical Analysis for the Changing Criterion Design** (Applied Research) STEVIE ANN COLLINI and Bradley E. Huitema (Western Michigan University)

#### #480 Poster Session

1:00 pm–3:00 pm

Marriott Marquis, Grand Ballroom 1-6

CBM

Chair: Casey Mckoy Irwin (COFC)

*Discussant: Steven Merahn (Centria Healthcare)*

**77. An Evidence-Informed Checklist to Evaluate Medication Impacts During Behavioural Treatment** (AUT; Applied Research) ALISON COX and Catherine A. N. Pryor (Pryor, Linder and Associates)

**78. Evidence Briefing on Behavioural Stabilization Services for Individuals With Intellectual or Developmental Disabilities** (Service Delivery) DANIEL FOIDART, Hannah Curtis, Lindsay McCombe, Toby L. Martin, and Beverley Temple (University of Manitoba)

**79. Behavioral Dentistry: A Literature Review** (PRA; Applied Research) CATHERINE MCHUGH, Kimberley L. M. Zonneveld, and Adam Carter (Brock University)

**80. Contingency Management Versus Feedback Alone: A Comparison of Treatments for Smoking Cessation** (Applied Research) KATHRYN M. POTOZAK, Josephine Dress, and Mallory Patterson (Shippensburg University)

**81. Effects of Parent-Child Interaction Therapy on Problem Behavior Maintained by Different Functional Variables** (Applied Research) BENJAMIN HOUSTON HATLEY and Nadratu Nuhu (Auburn University), Sacha T. Pence (Drake University), and Allison Cotter and Elizabeth Brestan-Knight (Auburn University)

**82. Taking ABA to “Mainstream” Users: Robustly “Harnessing the ‘Gifts’” of ADD/ADHD by Systematically Using the “Antecedent/Behavior/Consequence” Paradigm Within an Applied Behavioral Medicine Framework** (PRA; Service Delivery) RICHARD COOK (The Pennsylvania State University)

**83. Medication Management: Compliance, Side Effects, and Symptoms** (BPN; Service Delivery) ELIZABETH PEREZ (Pyles and Associates)

*Discussant: Cory Stanton (University of Nevada, Reno)*

**84. Psychiatric Medication Reduction With Dually-Diagnosed Adults** (BPN; Service Delivery) VICTORYA JEWETT (Pyles and Associates)

**85. A Large-Scale Project to Improve Tolerance of Medical and Dental Routines in Adults With Disabilities: Challenges, Strategies and Some Preliminary Success Stories** (OBM; Applied Research) AUDREY H. SHIVERS, Richard G. Smith, Joshua Kinser, Kathleen Ann Bayliss, Carla M. Smith, and Katy Atcheson (University of North Texas)

**86. Pediatric Radiation Oncology With Movie Induced Sedation Effect** (OBM; Applied Research) MARIA JOSE OTERO and Manish Vaidya (University of North Texas)

**87. Behavior Analysis and Technology: An Alternative Approach to Recovery From Knee Surgery** (OBM; Applied Research) BRENNAN PATRICK ARMISHAW, Russell Silguero, and Manish Vaidya (University of North Texas)

**88. Physical Activity and Headache: Disability and Diagnostic Differences** (Applied Research) TRACY PROTTI, Daniel Rogers, and Todd Smitherman (University of Mississippi)

**89. Agreement Between Functional Assessment Methodologies: A Comparison of Best Practices in a Time-Sensitive Outpatient Setting, With Typically-Developing Children** (Applied Research) JOELLE KRANTZ and Susan K. Perkins-Parks (Kennedy Krieger Institute) and Danielle Tarver Alexander (Johns Hopkins University, Kennedy Krieger Institute)

**90. Discriminating Sensory Over-Responsivity and Misophonia, a Conditioned Aversive Reflex Disorder** (AUT; Applied Research) THOMAS H. DOZIER (Misophonia Institute)

#### #481 Poster Session

1:00 pm–3:00 pm

Marriott Marquis, Grand Ballroom 1-6

PRA

Chair: Noelle Neault

*Discussant: Cheryl A. Young-Pelton (Montana State University in Billings)*

**91. Crisis of Professional Identity and Power Play: Inhibitory Implications on Competent Practice** (TBA; Service Delivery) BOSEDE ASIKHIA and Usifo Edward Asikhia (International Training Center for Applied Behavior Analysis)

**92. A Comparison of Procedures for Evaluating Generalization Following Matrix Training** (AUT; Applied Research) CHRISTINE PERRY, Victoria Sadler, Paulo Guilhardi, and Robert K. Ross (Beacon ABA Services)

**93. Use of Descriptive Assessment and its Correspondence to Functional Analysis: A Systematic Review** (Theory) Bethany P. Contreras Young (University of Missouri), SAVANNAH TATE (University of Missouri Thompson Center for Autism and Neurodevelopmental Disorders), Mattina Davenport (University of Missouri-Columbia), and Aqdas Haider and Alexander C. Schalla (University of Missouri)

**94. Learning Statistical Language: Self-Paced, Learning Modules for Behavior Analysis to Communicate on Interdisciplinary Teams** (Service Delivery) ABBY LEWIS (Teachers College, Columbia University) and Tom Buqo (Hofstra University)



**95. An Evaluation of Problem Behavior During the Paired Stimulus Preference Assessment** (Applied Research) CHRISTINA SIMMONS (Rowan University), Jessica Akers (Baylor University), and Wayne W. Fisher (University of Nebraska Medical Center's Munroe-Meyer Institute)

**96. Treating Aggression in a School Setting: Embedding an Individualized Levels System Into a Tolerance Training Treatment Evaluation** (Service Delivery) SAVANNAH TATE (University of Missouri Thompson Center for Autism and Neurodevelopmental Disorders) and Nealetta Houchins-Juarez, Bailey Copeland, and Joseph Michael Lambert (Vanderbilt University)

**97. Evaluating a Treatment Package to Teach Parents to Implement Pediatric Feeding Interventions** (AUT; Applied Research) ASHLEY ANDERSEN and Beverly Nichols (California State University, Northridge), Megan D. Aclan (Aclan Behavioral Services), and Debra Berry Malmberg (California State University, Northridge)

**98. Analysis of Graphical Displays Toward Effective Behavior Assessment** (TBA; Applied Research) DANA MARIE SZYMANSKI, Javid Rahaman, Kellie P. Goldberg, and Victor Chin (Bancroft)

**99. The Effects of Antecedents and Consequences on Accurate Identification of Function of Problem Behavior by Direct Service Staff With Less Than One Year of ABA Experience** (AUT; Applied Research) SUE A. RAPOZA-HOULE RAPOZA, Paulo Guilhardi, and Robert K. Ross (Beacon ABA Services)

**100. Evaluating the Effectiveness of the Picture Exchange Communication System Protocol With Children Under the Age of Three** (AUT; Applied Research) ALICEN CUTTING, Scott Thomas, Brooke Hyland Littleton, and Robert K. Ross (Beacon ABA Services)

*Discussant: Gordon Bourland (Trinity Behavioral Associates)*

**101. Comparison of Therapist-Fed Versus Caregiver-Fed Functional Analysis Outcomes in Children With a Pediatric Feeding Disorder** (EAB; Applied Research) JASON R. ZELENY, Vivian F. Ibanez, Caitlin A. Kirkwood, and Cathleen C. Piazza (University of Nebraska Medical Center's Munroe-Meyer Institute)

**102. Tolerance Training With Contingency-Based Progressive Delay as Treatment for Aggression** (Service Delivery) JESSICA LEE PARANCZAK, Nealetta Houchins-Juarez, and Joseph Michael Lambert (Vanderbilt University)

**103. A Comparison of Self Versus Caregiver Feeding in the Treatment of Food Selectivity** (Applied Research) KAYLA DIANE BRACHBILL, Erica Jowett Hirst, Rachel Minkel, Megan Tolan, and Samantha Lee Smock (Southern Illinois University, Carbondale)

**104. Effects of Self-Management Class and Exercise Class on Improving Impulsivity Among College Students** (EDC; Applied Research) SEUNG-AH LEE and Sunghyun Cho (Yonsei University)

**105. Using Precision Teaching to Increase Rate of Speech in a Child With Autism** (AUT; Service Delivery) HANNAH LAVIANA (ABC Group Hawaii) and Kyle Machos (Autism Behavior Consulting Group)

**106. Parent on Board Training Model: Front Loading Parent Training** (TBA; Service Delivery) KAT BUCHANAN-MILLER (Sacramento Autism Services; ABA Without Borders; Addiction Recovery Institute)

**107. The Effects of a 40-Hour Registered Behavior Technician Training Program on the Implementation of Behavior Reduction Procedures** (AUT; Applied Research) Taylor Seidler, Kristen Green, DERRICK GRIME, and Patrick M. Ghezzi (University of Nevada, Reno)

**108. The Effects of Mastery Criteria on Skill Maintenance** (Applied Research) MONIQUE BARNETT and Erica Jowett Hirst (Southern Illinois University, Carbondale)

**109. The Effects of an Online 40-Hour Registered Behavior Technician Training Program on the Acquisition of Discrete Trial Teaching** (AUT; Applied Research) Kristen Green, Taylor Seidler, MATTHEW CHRISTOPHER PETERSON, and Patrick M. Ghezzi (University of Nevada, Reno)

**110. A Case Study of Toilet Training a Child With Autism and Abnormal Genitalia** (AUT; Service Delivery) KYLE MACHOS (Behavior Autism Consulting Group) and Hannah Laviana (ABC Group Hawaii)

**111. The Effectiveness of Using a Visual Board and Reinforcement During Feeding Therapy** (DEV; Applied Research) KATARZYNA M. BABIK (University of Social Sciences and Humanities)

#### #482 Poster Session

1:00 pm–3:00 pm  
Marriott Marquis, Pacific Ballroom

VRB  
Chair: Einar T. Ingvarsson (Virginia Institute of Autism)

*Discussant: Andresa De Souza (Marcus Autism Center, Emory University)*

**1. Matrix Training to Promote Recombinative Generalization in Children With Autism Using a Speech Generating Device** (AUT; Applied Research) VIDESHA MARYA, Heidi Morgan, and Thomas

Travers (Marcus Autism Center); Garet S. Edwards (Marcus Autism Center; Emory University School of Medicine), and Sarah Frampton and M. Alice Shillingsburg (May Institute)

**2. Teaching Verbal Behavior through an Augmentative and Alternative Communication Device: A Case Study** (DDA; Service Delivery) MOLLY QUINN and Ann M. Baloski (BehaviorWorks ABA)

**4. Improving Verbal Outputs in Two 6-Year-Old Boys With Autism From Being Non-Vocal to Vocal Using Skinners' Analysis of Verbal Behavior** (AUT; Service Delivery) Maira Rifat and MEERA RAMANI (ABA India)

**5. Using Textual Prompts as a Means to Increase Intra-Verbal Repertoire of Children Diagnosed With Autism Spectrum Disorder** (AUT; Service Delivery) AVANTIKA SHARMA and Meera Ramani (ABA India)

**6. Emergence of First Instances of Speech in Non-Vocal Children With Autism: The Effect of Early Versus Later Addition of Intraverbal Training** (AUT; Service Delivery) SMITA AWASTHI (Behavior Momentum India) and Karola Dillenburger (Queen's University Belfast)

**7. Essential for Living: Evaluating Its Use to Increase Functional Communication, Reduce Aggression, and Reduce Self-Injury** (AUT; Applied Research) Reginald Ponio and AMANDA KARPIEN (Centria Health Care)

**8. Teaching Students With Autism Spectrum Disorder to Respond to Irony: A Clinical Evaluation and Molecular Analysis** (AUT; Service Delivery) DANIELE RIZZI, Alessandro Dibari, and Erica Scandurra (Associazione ALBA Onlus - Pescara)

**9. Style of Psychological Explanation and Perception of Explanation as Scientific by Non-Psychologists** (Service Delivery) IVAN CHISTYAKOV (National Research University Higher School of Economics) and Andrey Bystrov (Moscow State University of Psychology and Education)

**10. The Effects of Varying Verbal Stimuli on Cooperative Responding** (EAB; Basic Research) ELIZABETH GHEZZI and Ramona Houmanfar (University of Nevada, Reno)

#### #483 Poster Session

1:00 pm–3:00 pm  
Marriott Marquis, Pacific Ballroom

DDA  
Chair: M. Alice Shillingsburg (May Institute)

*Discussant: Shannon Ward (New England Center for Children; Western New England University)*

**11. Modifications to Behavioral Interventions for Individuals With Visual Impairment** (Applied Research) ALEXA CECELIA KALMBACH (Kennedy Krieger Institute; University of Maryland Baltimore County), Nicole Lynn Hausman (Kennedy Krieger Institute; The Johns Hopkins University School of Medicine; University of Maryland Baltimore County), Molly K. Bednar (Kennedy Krieger Institute)

**12. Crisis of Identification: Are You Working With an Individual Who is Deafblind?** (PRA; Service Delivery) GENEVIEVE FRANCOEUR-ANDERSON (University of Northern Colorado; National Leadership Consortium on Sensory Disabilities)

**13. A Meta-Analysis of Single Case Research Evaluating Functional Assessment-Based Treatments for Individuals With Down Syndrome** (PRA; Applied Research) BLAKE HANSEN, Kaylee Christensen, and Christian Sabey (Brigham Young University)

**14. A Review on the Application of Functional Analysis Methodology to Tic Behaviors** (PRA; Applied Research) KISSEL JOSEPH GOLDMAN and Iser Guillermo DeLeon (University of Florida)

**15. Exposure-Based Behavioral Intervention for Treatment of Obsessive Compulsive Behaviors in a Preschooler With Intellectual Disability** (EDC; Applied Research) EMILY GUERTIN and Tricia Corinne Vause (Brock University), Heather Jaksic (Brock University; University of Manitoba), and Jan Frijters and Maurice Feldman (Brock University)

**16. A Component Analysis of Behavioural Skills Training for Teaching Motor Skills** (Applied Research) SARAH DAVIS, Kendra Thomson, and Maureen Connolly (Brock University)

**17. Behavioral Assessment and Treatment of Severe Problem Behaviors in an Adolescent With Smith-Lemli-Opitz Syndrome** (CBM; Applied Research) EMILY NESS, Julia T. O'Connor, and Nicholas Ramazon (Kennedy Krieger Institute)

**18. Differential Reinforcement of Other Behavior With an Adult With Smith-Magenis Syndrome** (CSS; Applied Research) TANYA HOUGH (Elwyn New Jersey; Kaplan University) and Edward Cumella, Jessica Tischner, and Natasha Chung (Kaplan University)

**19. Teaching Money Management Skills to a 65-Year-Old Adult With a Developmental Disability** (PRA; Service Delivery) KIMBERLY SALDANHA and Melissa Sweet (Centre for Behaviour Health Sciences, Mackenzie Health)

**20. The Gradual Reduction of Problem Behavior of an Adult in a Residential Setting** (Service Delivery) JIM HAESSEN and Bailey Scherbak (Monarch House)

**21. Alternative Systems of Analysis Toward Identifying Variables Maintaining Problem Behavior in an Adult Residential Setting** (PRA; Applied Research) JAVID RAHAMAN, Daniel Edward Locke, and Kellie P. Goldberg (Bancroft)

**22. Self-Management of Vocational Skills for Individuals With Significant Disabilities: A Review of the Literature** (Applied Research) MARY BARCZAK (The Ohio State University)

**23. The Effects of Individualized PBS on Classroom Disruptive Behaviors of Students With Intellectual Disabilities in a Special School** (EDC; Applied Research) EUNHEE PAIK, Sangmin Han, HyukSang Kwon, and Junggi Kim (Kongju National University) and Hyouja Lee (Korea National University of Transportation)

*Discussant: Tobias Britton (Stanford University)*

**24. Writing Interventions for Students With Intellectual and Developmental Disabilities: A Meta-Analysis** (EDC; Basic Research) DEREK B. RODGERS and Lanqi Wang (University of Iowa)

**25. Evaluation of Individualized Levels Systems With Contingent Preferred Outings for the Treatment of Severe Problem Behavior** (AUT; Applied Research) MOLLY K BEDNAR and Nicole Lynn Hausman (Kennedy Krieger Institute), SungWoo Kahng (University of Missouri), and Louis P. Hagopian (Kennedy Krieger Institute)

**26. The Effects of a Paragraph-Writing Intervention for Secondary Students With Intellectual and Developmental Disabilities** (EDC; Applied Research) DEREK RODGERS, Shawn M. Datchuk, and Lanqi Wang (University of Iowa)

**27. The Effects of Positive Behavior Support on Behaviors and Attitude of Young Children and a Young Child With Developmental Delay in an Inclusive Classroom** (EAB; Applied Research) EUNHEE PAIK (Korean Association of Behavior Analysis; Kongju National University), Byoung In Lee and So Young Kwon (Dankook University, Yong In Ci, Kyoung-Ki Do), and Young Hee Seo (Kongju National University)

**28. Demonstrating Behavior Plan Effectiveness: Low Treatment Integrity as Treatment Reversal** (PRA; Applied Research) DANIEL EDWARD LOCKE, Javid Rahaman, Kellie P. Goldberg, and Victor Chin (Bancroft)

**29. School-Based Behavioral Interventions Targeting Challenging Behaviors of Adolescents With Developmental Disabilities: A 20-Year Review** (AUT; Applied Research) MARIE DAVID, Mandy J. Rispoli, So Yeon Kim, Catharine Lory, and Emily Gregori (Purdue University)

**30. An Analysis of Group Sizes Within Interdependent Group Contingencies on Goal Achievement** (CSS; Applied Research) IMRAN A. KHAN (ABA of Illinois)

**31. A Review of Different Procedures to Establish Self-Control and Delay Tolerance in Children** (EAB; Theory) ALMA LÓPEZ and Silvia Morales Chaine (National Autonomous University of Mexico)

**32. Choice-Making Interventions to Reduce Challenging Behavior for Individuals With Intellectual and Developmental Disabilities: A Review of the Literature** (Applied Research) PROVIDENCE GEE and Tonya Nichole Davis (Baylor University)

**33. Making Organic Colours Made From Natural Flowers for Holi Spring Festival** (CSS; Service Delivery) SANGEETA JAIN and Kiran Kaushal (SOREM; Global Autism Project), Jacob Sadavoy (Global Autism Project)

**34. How Long is Long Enough? A Quantitative Review of Functional Analysis Duration on Assessment Outcomes** (AUT; Theory) PENNY GILLIOTTE (University of Southern California; Center for Applied Behavior Analysis), So Ra Kang and Jonathan J. Tarbox (University of Southern California; FirstSteps for Kids), and Adel C. Najdowski (Pepperdine University)

**35. Efficacy of Paraprofessional Implemented Video Prompting to Teach Vocational Skills** (EDC; Applied Research) RACHEL SEAMAN (Emory University)

**36. Towards a Technology of Behavioral Intensity: A Systematic Review** (AUT; Theory) Leslie Neely (University of Texas at San Antonio), Jessica Emily Graber (The University of Iowa), and Laurel Boshoff, Brandi Skrobanek, and KYRA HASTINGS (University of Texas at San Antonio)

#### #484 Poster Session

1:00 pm–3:00 pm  
Marriott Marquis, Pacific Ballroom  
AUT

Chair: Tiffany Kodak (University of Wisconsin - Milwaukee)

*Discussant: Ruth M. DeBar (Caldwell University)*

**37. Evaluating the Use of a Stimulus Fading Procedure to Increase Compliance With Personal**

**Grooming Routines in Children With Autism** (Applied Research) MAYCEE EARL, Amber R. Paden, and Megan Ashley Levesque (University of Nebraska Medical Center's Munroe-Meyer Institute); Claire Turbes (University of Nebraska Omaha; University of Nebraska Medical Center); and Wayne W. Fisher (University of Nebraska Medical Center's Munroe-Meyer Institute)

**38. A Comparison of Findings for Functional Analyses Versus Brief Assessments of Motivation Conducted via Telehealth** (PRA; Applied Research) LAUREN WITHHART and Nathan Call (Marcus Autism Center), Matthew O'Brien (The University of Iowa), Dorothea C. Lerman (University of Houston-Clear Lake), Wendy K. Berg (The University of Iowa), Todd G. Kopelman (The University of Iowa Hospitals and Clinics), Loukia Tsami (University of Houston-Clear Lake), and Colin S. Muething (Marcus Autism Center)

**39. Using Conditional Compound Schedules for Teaching Discriminated Minding to Children With Autism** (DDA; Applied Research) NATASHA CHAMBERLAIN, Adam M. Briggs, Brian D. Greer, Wayne W. Fisher, and Billie Retzlaff (University of Nebraska Medical Center's Munroe-Meyer Institute)

**41. Assessment and Treatment of Idiosyncratic and Automatically Maintained Bruxism** (Applied Research) ASHLEY BAGWELL, Terry S. Falcomata, Andrea Ramirez-Cristoforo, Fabiola Vargas Londoño, Cayenne Shpall, and Raechal Ferguson (The University of Texas at Austin)

**42. Teaching Children With Autism to Abstract Opposing Tactile Properties** (Applied Research) AYLA SCHMICK, Quincy Huff, Caleb Stanley, and Mark R. Dixon (Southern Illinois University)

**43. An Evaluation of Auditory-Visual Conditional Discrimination Teaching Procedures and the Emergence of Tacts** (Applied Research) TIEARRA JOHNSON and Billie Retzlaff (University of Nebraska Medical Center's Munroe-Meyer Institute), Jessica Akers (Baylor University), Ami J. Kaminski (Butterfly Effects), Andresa De Souza (Marcus Autism Center, Emory University), and Wayne W. Fisher (University of Nebraska Medical Center's Munroe-Meyer Institute)

**44. A Comparison of Video Modeling and Least-to-Most Prompting for Establishing Play Sequences** (EDC; Service Delivery) KARA LACROIX, Monica Fuller, and Rachelle de Saint Phalle (The Autism Community Therapists, LLC)

**45. Evaluating the Applicability of the Avoidance and Fusion Questionnaire for Youth to Children and Adolescents With Autism** (Applied Research) CALEB STANLEY, Jordan Belisle, Dana Paliliunas, Ayla Schmick, and Mark R. Dixon (Southern Illinois University)

**46. An Analysis of Toilet-Training Procedures Recommended for Children With Autism Spectrum Disorder** (Applied Research) BRANDON C. PEREZ (University of Florida), Janelle Kirstie Bacotti (Florida Autism Center), and Kerri P. Peters and Timothy R. Vollmer (University of Florida)

**47. An Extension of Multiple Schedules to Proloquo2Go™ on the iPad®** (Applied Research) Brandon C. Perez (University of Florida), JANELLE KIRSTIE BACOTTI (Florida Autism Center) and Eliana Maria Pizarro, Kerri P. Peters, and Timothy R. Vollmer (University of Florida)

*Discussant: Regina A. Carroll (West Virginia University)*

**48. Evaluating the Use of Contingent Reinforcement Versus a Stimulus Fading Hierarchy to Increase Compliance With Oral Hygiene Routines in Children With Autism** (Applied Research) CLAIRE TURBES, Megan Ashley Levesque, Amber R. Paden, and Wayne W. Fisher (University of Nebraska Medical Center's Munroe-Meyer Institute)

**49. Assessing Food Selectivity and Mealtime Problem Behavior in Children With Autism Using Caregiver Input** (Applied Research) JULIANA MARCUS (New England Center for Children; Western New England University); Gregory P. Hanley, Holly Gover, and Kelsey Ruppel (Western New England University); and Kyle Sears and Christine Ann Warner (New England Center for Children; Western New England University)

**50. The Effect of Picture Cues on Transitioning Compliance From High-P to Low-P With a 10-Year-Old Vocal-Verbal Boy With Autism** (PRA; Applied Research) SMITA AWASTHI and Sridhar Aravamudhan (Behavior Momentum India)

**51. The Effects of Presenting Video-Based Instructional Antecedents on the Acquisition and Generalization of Discrimination Skills by a Child With Autism** (EDC; Applied Research) CARLY EBY (New England Center for Children) and Elizabeth Demarchi (Vinfen)

**52. Increasing Young Children's Compliance With Essential-Routine Procedures** (DDA; Applied Research) REGHANN MUNNO, Kimberley L. M. Zonneveld, Adam Carter, Jacqueline Pachis, Talia Maria Ennett, Nancy Leathen, and Catherine McHugh (Brock University)

**53. Using iPads to Help Enhance the Learning and Life-Skills of Children With Autism Spectrum Disorders: Selecting Apps That Incorporate Behavior Analytic Principles** (PRA; Service Delivery) LENWOOD GIBSON JR. (Queens College, City University of New York) and Jessica D. Rodriguez-Gibson (Quality Services for the Autism Community)

**54. Teaching Child With Autism Spectrum Disorder Concept of Cause and Effect (CBM; Applied Research)** KAREN NOHELY and Jennifer Lewis (Center for Autism and Related Disorders)

**55. A Comparison of Treatment Duration Following Brief Versus Extended Functional Assessment in a Randomized Clinical Trial (PRA; Applied Research)** SARAH JACQUELINE FRANTZ and Matthew O'Brien (The University of Iowa; Stead Family Children's Hospital), Wendy K. Berg (The University of Iowa), Todd G. Kopelman (The University of Iowa Hospitals and Clinics; Stead Family Children's Hospital), Nathan Call (Marcus Autism Center; Children's Healthcare of Atlanta; Emory University School of Medicine), Dorothea C. Lerman (University of Houston-Clear Lake), Lauren Withhart (Marcus Autism Center), and Loukia Tsami (University of Houston-Clear Lake)

**56. Training Parents to Effectively Implement the Promoting the Emergence of Advanced Knowledge Relational Training System: Parent Fidelity and Child Progress (Applied Research)** KAITLYN LEEANN MASTON, Becky Barron, Dana Paliliunas, and Mark R. Dixon (Southern Illinois University)

**57. How are Robots Used in Treatment of Autism Spectrum Disorder? (Service Delivery)** VICTOR RAMIREZ, Christina Melanie Saez, and Ellie Kazemi (California State University, Northridge)

*Discussant: Sacha T. Pence (Drake University)*

**58. Teaching Complex Skills of Opposition Using Arbitrary Stimuli and Emojis to Children With Autism (VRB; Applied Research)** BECKY BARRON, Victoria Booth, Kaitlyn LeeAnn Maston, Dana Paliliunas, and Mark R. Dixon (Southern Illinois University)

**59. The Emergence of Secondary Targets and Equivalence Classes During Group Instruction (DDA; Applied Research)** CHRISTOPHER A. TULLIS (Georgia State University), Sarah Frampton (May Institute, Inc.), Kayla Greene (Marcus Autism Center; Georgia State University), and Caitlin H. Delfs (Village Autism Center)

**60. Teaching Conditional Discrimination Using Novel Stimuli (PRA; Applied Research)** SHUSHMA VASHIST, Smita Awasthi, and Sridhar Aravamudhan (Behavior Momentum India)

**61. Measurement of Responsive and Initiated Joint Attention for Two Children With Autism via Telehealth (DEV; Applied Research)** JACLYN GUNDERSON, Jessica J. Simacek, Adele F. Dimian, and Joe Reichle (University of Minnesota)

**62. Prompt Dependency in Group Learning: Transferring Stimulus Control From Therapist to Teacher (Service Delivery)** KELLY BOYLAN, Leah Renee Lefever, and Kiel Rotarius (Play Connections Autism Intervention Center); Amber I. Crane (private practice); and Emilie Jane Erickson (Play Connections Autism Intervention Center)

**63. A Pilot Model for Increasing Access to Services: Embedding Autism Spectrum Disorder Diagnosis and Applied Behavior Analysis Within the Medical Home (CBM; Service Delivery)** LAUREN A. WEAVER, Jeffrey Hine, Alacia Stainbrook, A. Pablo Juárez, and Ashley Vogel (Vanderbilt University Medical Center TRIAD)

**64. Simultaneous Presentation to Decrease Packing (Applied Research)** HEATHER WHIPPLE (Kennedy Krieger Institute; University of Southern Mississippi) and Ryan Scherr and Alison Kozlowski (Kennedy Krieger Institute)

**65. An Evaluation of a Token Economy to Increase the Duration of Prosthetic Compliance (Applied Research)** AMANDA GILL and Jennifer Quigley (Melmark, PA)

**66. A Participatory Action Research Project on Family Needs: Experiences of Formal and Informal Support Services Available Among Zambian Families of Children With Autism Spectrum Disorders: Pilot Study (CSS; Service Delivery)** JOACKIM NYONI (University of Cape Town)

**67. Examining Social Communication of Children With Autism Across Race and Ethnicity (PRA; Applied Research)** MARIE MARTINEZ (Vanderbilt University Medical Center; Treatment and Research Institute for Autism Spectrum Disorders); Alacia Stainbrook (Vanderbilt University Medical Center; Vanderbilt Kennedy Center; Treatment and Research Institute for Autism Spectrum Disorders); and Mary Fleck, McKenzie Leigh Woods, A. Pablo Juárez, and Zachary Warren (Vanderbilt University Medical Center; Treatment and Research Institute for Autism Spectrum Disorders)

**68. Establishing Foundational Non-Arbitrary Frames of Distinction in Children With Autism (VRB; Applied Research)** LAUREN MICHELE LANG and Tanya Stoeklen (Southern Illinois University, Carbondale), Nola Schultz (ABA of Illinois), Jordan Belisle (Southern Illinois University), Karen R. Harper (ABA of Illinois), Caleb Stanley (Southern Illinois University), and Imran Kahn (ABA of Illinois)

*Discussant: Jack Scott (Florida Atlantic University)*

**69. Between Group Evaluation of Comprehensive Promoting the Emergence of Advanced Knowledge Relational Training of Children With Autism: Comparison to Low-Dosage Verbal Behavior Instruction (VRB; Applied Research)** TANYA STOEKLEN and Lauren Michele Lang (Southern Illinois University, Carbondale), Nola Schultz (ABA of Illinois), Jordan Belisle (Southern Illinois University), Karen R. Harper and Imran Kahn (ABA of Illinois), and Caleb Stanley (Southern Illinois University)

**70. Legal Institutions, the Law, and Applied Behavior Analysis: The Lessons of Autism (PRA; Service Delivery)** DANIEL UNUMB (National Autism Law Center; Autism Legal Resource Center LLC)

**71. A Peer-Mediated Social Network to Increase Social Interactions for a Student With Autism Using Augmentative Communication (EDC; Applied Research)** MARISSA LETTERMAN, McKenzie Bacon, Michael Jarvis, Linda G. Garrison-Kane, Megan A. Boyle, and David Goodwin (Missouri State University)

**72. Assessing Barriers for Families of Children With Autism Receiving ABA Treatment Using the Behavior Analysis Training System Checklist (CBM; Applied Research)** KAITLYN LEEANN MASTON and Jordan Belisle (Southern Illinois University), Lauren Michele Lang (Southern Illinois University, Carbondale), Karen R. Harper and Imran Kahn (ABA of Illinois), and Mark R. Dixon (Southern Illinois University)

**73. Promoting School Readiness Skills Through Video Modeling Intervention Using iPad in Preschool Children With Autism Spectrum Disorder (EDC; Applied Research)** YUKA ISHIZUKA (University of Tsukuba) and Natsumi Ishikawa and Jun'ichi Yamamoto (Keio University)

**74. Derived Relational Responding Throughout the Course of Early Intensive Behavior Intervention Treatment: A Preliminary Investigation (DEV; Applied Research)** EMILY DANIELLE SPURLOCK, Staheli Meyer, Vanessa Willmoth, Stephanie Harootunian, and Patrick M. Ghezzi (University of Nevada, Reno)

**75. Teaching Discriminated-Use of a Tablet Device for Leisure and Educational Activities With Children With Autism (Applied Research)** Audrey N. Hoffmann (Johnson State College) and Tyra P. Sellers, Jason Lee, Stephanie Mattson, and SETH WALKER (Utah State University)

**76. The Effects of Adult Contingent Vocal Imitation on the Vocal and Imitative Behavior of a Young Child With Autism (DDA; Applied Research)** Staheli Meyer, TAYLOR SEIDLER, Vanessa Willmoth, and Patrick M. Ghezzi (University of Nevada, Reno)

**77. A Parametric Analysis of the Percentile Schedule: Increasing Frequencies of Pre-Academic Behavior (EDC; Applied Research)** ALEX NIETO, Vanessa Willmoth, Staheli Meyer, and Patrick M. Ghezzi (University of Nevada, Reno)

**78. Identifying Factors Contributing to Poor Accuracy and Reliability in Data Collection of Verbal Behavior (VRB; Applied Research)** JACQUELINE LOGAN, Victor Chin, Michelle Ennis Soreth, and Mary Louise E. Kerwin (Rowan University)

*Discussant: Robert LaRue (Rutgers University)*

**80. Improving the Fluency of Parents of Children With Autism While Conducting Discrete Trials (EDC; Applied Research)** ADRIANO A. BARBOZA (Federal University of Pará; National Institute of Science and Technology on Behavior, Cognition and Teaching), Danielle Gemaque (Amazon University), Jade Rodrigues (Federal University of Pará), and Romariz Barros (Federal University of Pará; National Institute of Science and Technology on Behavior, Cognition and Teaching)

**81. Caregiver Implementation of Treatments for Pica and Other Disruptive Behaviors in a Child With Autism (Applied Research)** VALORI N. BERENDS, Eric Boelter, Yaniz C. Padilla Dalmau, Amber Persons-Geer, Mariana Carbonell, and Anna Levin (Seattle Children's Hospital and The Autism Center)

**82. Club '57: Applied Behavior Analysis and Acceptance and Commitment Therapy for Individuals With Autism Spectrum Disorder (VRB; Service Delivery)** JESSICA M. HINMAN (Southern Illinois University, Carbondale), Sebastian Garcia Zambrano (Southern Illinois University), William Root, Natalia Baires, and Daniel Ray Grisham (Southern Illinois University, Carbondale); Victoria Diane Hutchinson (Southern Illinois University); Molly Ann Lamb (Southern Illinois University, Carbondale); and Ruth Anne Rehfeldt (Southern Illinois University)

**83. Teaching Chaining Procedures Effectively: A Literature Review (Applied Research)** VAHE ESMAEILI, Lance Dayandayan, Ellie Kazemi, and Ernesto Beltran (California State University, Northridge)

**84. An Analysis and Treatment of Pica in Individuals With Autism Spectrum Disorder (Applied Research)** Brandon C. Perez (University of Florida), ARLEEN M. RUIZCALDERON (Florida Autism Center), Sarah Slocum Freeman (Rollins College), and Kerri P. Peters and Timothy R. Vollmer (University of Florida)

**85. An Evaluation of Variables Affecting Group Responding in Children With Autism Spectrum Disorder (Applied Research)** Katie Nicholson, SANDHYA RAJAGOPAL, Kristin M. Albert, Ashley Felde, and Michael Passage (Florida Institute of Technology)

**86. Issues on Online Research of the App-Based Intervention Program (Applied Research)** SIYUNG CHIN, Eun Sun Chung, and Kyong-Mee Chung (Yonsei University)

**87. Decreasing Aberrant Behavior and Increasing Functional Skills in a Young Girl Impacted by Autism (Service Delivery)** PAIGE BOYDSTON (Integrated Behavioral Technologies, Inc.) and Linda S. Heitzman-Powell (Integrated Behavioral Technologies, Inc.; The University of Kansas Medical Center)



**88. Evaluation of an Intervention to Teach Children With Autism to Answer Yes-No Preferential Questions** (VRB; Applied Research) SERINA ANDO (Building Blocks Behavior Consulting), Yearin Kim (Simon Fraser University), and Parbinder Bains (Building Blocks Behavior Consulting)

**89. Wait, Do That Again!: Increasing Social Skills in Adults With Autism via Observational Learning** (PRA; Applied Research) NATALIA BAIRES, Jessica M. Hinman, Sebastian Garcia Zambrano, India Pauly Hertel, and Ruth Anne Rehfeldt (Southern Illinois University, Carbondale)

*Discussant: TBA*

**90. Wisconsin Promise Tele-Behavioral Consultation to Decrease Challenging Behavior in Adolescents With Developmental Disabilities** (DDA; Applied Research) CHRISTINE DREW, Wendy A. Machalicek, and Qi Wei (University of Oregon), and Ellie C. Hartman (University of Wisconsin-Stout)

**91. The Treatment of Vocal Stereotypy and Parental Adherence** (CBM; Applied Research) SABRINA KELLY and Melissa Engasser (The Bedrock Clinic & Research Center, Inc.)

**92. Teacher and Parent Choice in Autism Interventions** (Service Delivery) KARA DURGIN, Morgan Zymnis, Mia Daniels, Emis Hande Hakkoymaz, and Kimberly A. Schreck (Pennsylvania State University Harrisburg)

**93. Effects of Peer Mediated Reinforcement on Social Interactions** (Applied Research) JENNIFER HILGER and Janean Jarvis (Play Connections)

**94. Using Sufficient Exemplar Training to Facilitate Generalized Responding of Two-Term Labeling** (DDA; Applied Research) KRISTINE SAFARYAN (Lovaas Institute) and Sigmund Eldevik (Oslo and Akershus University College of Applied Sciences)

**95. Increasing Direct Care Staff Trial Counts: A Comparison of Group Versus Individual Graphical Feedback** (OBM; Service Delivery) SABRINA D. DANESHVAR, Michele Stone, Amanda Johnstone, and Tiffany Hays (Autism Spectrum Therapies)

**96. An Analysis of Parent-Child Interactions in Children With Autism, Children With Down Syndrome, and Typically Developing Children** (DDA; Applied Research) Ashley Cameron, Emanuel Mason, Karin Lifter, and LAURA L. DUDLEY (Northeastern University)

**97. Teaching Children With Autism to Recall Short Stories: A Replication and Extension** (VRB; Applied Research) CINDY CAHILL (Florida Autism Center); Daniel E. Conine, Timothy R. Vollmer, and Lisa Guerrero (University of Florida); Erica Jones (Florida Autism Center); and Tina Smith-Bonahue (University of Florida)

**98. Response Interruption and Redirection of Vocal Stereotypy: A Home-Based Replication** (Service Delivery) CAITLIN SHEA FICHTNER (ABA of Wisconsin, LLC)

**99. Caregiver Implemented Toilet Training for Children With Autism Spectrum Disorder** (EAB; Applied Research) YUNYI TSAI (Marcus Autism Center; Children's Healthcare of Atlanta), Colin S. Muething and Joanna Lomas Mevers (Marcus Autism Center; Children's Healthcare of Atlanta; Emory University School of Medicine), Jennifer M. Hodnett (University of South Florida), and Clarissa Martin (Marcus Autism Center; Children's Healthcare of Atlanta)

*Discussant: Brittany Ann Juban (May Institute)*

**100. An Evaluation of Differential Reinforcement Without Extinction to Decrease Severe Problem Behavior** (Applied Research) ALYSSA JEAN CLARK, Laura A. Hanratty, Miranda Fogg, and Christopher Tamburrino (Elms College)

**101. Parent and Therapist Perceptions of Brief Versus Extended Behavior Assessments for Children With Autism** (PRA; Applied Research) KENZIE MARIE MILLER, Matthew O'Brien, and Wendy K. Berg (The University of Iowa); Nathan Call (Marcus Autism Center); Dorothea C. Lerman and Loukia Tsami (University of Houston-Clear Lake); Lauren Withhart (Marcus Autism Center); and Pei Huang (The University of Iowa)

**102. Habit Reversal Training to Treat Skin Picking of an Individual With Autism and Intellectual Disability** (Applied Research) GEORGE MILLER (Kennedy Krieger Institute), Anna Ryan (Kennedy Krieger Institute; Johns Hopkins School of Medicine), and John M. Huete (Kennedy Krieger Institute)

**103. A Descriptive Assessment of Functional Analysis Methodology at a Behavior Analytic School for Individuals With Autism** (Applied Research) JACQUELYN LANPHEAR (New England Center for Children; Western New England University)

**104. Evaluating the Efficacy of Reinforcer Variation and Choice to Teach Academic Skills Without the Use of Extinction** (Applied Research) MIRANDA FOGG, Laura A. Hanratty, Alyssa Jean Clark, and Christopher Tamburrino (Elms College)

**105. Assessing Visual Acuity to Determine the Size of Academic and Communication Stimuli** (Service Delivery) JASMEEN KAUR (Kennedy Krieger Institute); Cara L. Phillips (Kennedy Krieger Institute, Johns Hopkins University School of Medicine); and Lindsey Gilbert, Mary Hughes, and Allen Porter (Kennedy Krieger Institute)

**106. Assessment and Treatment of Bruxism** (Applied Research) AMANDA RILL, Carrie S. W. Borrero, and Aaron D. Lesser (Kennedy Krieger Institute)

**107. Idiosyncratic Functions of Problem Behavior: Dropping and Elopement Maintained by Access to Pica** (DDA; Service Delivery) BO KIM, Samantha Hardesty, and Usai Bah (Kennedy Krieger Institute) and Lynn G. Bowman (Kennedy Krieger Institute, Johns Hopkins University School of Medicine)

**108. Assessing Client Acceptability of Interventions** (DDA; Service Delivery) LINDSEY GILBERT, Molly K. Bednar, Melissa Theodore, and Nicole Lynn Hausman (Kennedy Krieger Institute)

**109. The Effects of Behavior Skills Training on Staff Implementation of a Chaining Procedure to Teach Meal Preparation Skills** (Applied Research) Jenna Berenson, Taisiya Lozanov, Anya K. Silver, and CLARE PENNY (Quality Services for the Autism Community)

**110. Michigan Medicaid Applied Behavior Analysis Services and Systems: Building Infrastructure and Overcoming Challenges in a Managed Care System** (PRA; Service Delivery) BRIANNA ELSASSER and Morgan VanDenBerg (State of Michigan)

*Discussant: Mary Ellen McDonald (Hofstra University)*

**111. Use of Curriculum Assessments and Skill Acquisition Programs in Public Schools for Children With Autism Spectrum Disorder** (EDC; Service Delivery) MEAGHEN SHAVER and Kim Trudeau-Craig (Centre for Behavioural Studies, St. Lawrence College)

**112. Decreasing Problem Behavior During Haircuts Using Graduated Exposure and Differential Reinforcement** (DDA; Service Delivery) MARISA E. MCKEE, Samantha Bergmann, Gabriella Rachal Van Den Elzen, Brittany Benitez, Mary Halbur, Samantha Klasek, Jessi Reidy, and Tiffany Kodak (University of Wisconsin - Milwaukee)

**113. Enhancing Reinforcer Competition: An Analysis of the Effects of Competing Stimuli and Blocking Procedures on Stereotypy** (EDC; Applied Research) JOHN A. J. WRIGHT, Jennifer Graboyes Camblin, and Eli T. Newcomb (The Faison Center)

**114. Shaping of Complete Eating Behaviors in Children With Autism: Considering the Effect of the "Half-Full Method" in Home and School Facilities** (DDA; Applied Research) YUMIKO SASADA and Kenji Okuda (Academy of Behavioral Coaching)

**115. Feasibility and Usability of Brief Telehealth Parent-Directed Treatment Training Package** (DDA; Applied Research) CHELSEA HARDT, Leslie Neely, Katherine Cantrell, and Kyra Hastings (University of Texas at San Antonio)

**116. The Effects of a Lag 5 Schedule of Reinforcement on Response Variability in Toy Play of Children With Autism** (Applied Research) SADIE L. LOVETT (Central Washington University) and Holly L. Sutton (Catholic Charities)

**117. Comparing Preference For and Skill Acquisition In Competitive and Cooperative Teaching Conditions** (DEV; Applied Research) CARISSA BASILE, Tara A. Fahmie, Elizabeth Hernandez, Sean Vincent Christensen (California State University, Northridge); Allison Rose Bickelman (Autism Behavior Intervention; Endicott College); and Roxanna Diaz (California State University, Northridge)

**118. Improvement in Communication Skills of Children With Autism Spectrum Disorders Comparing Communication Versus Social Play Focused Caregiver Training Curricula** (Service Delivery) ASHLEY VOGEL, Mary Morton, Alacia Stainbrook, A. Pablo Juárez, and Zachary Warren (Vanderbilt University Medical Center's Treatment and Research Institute for Autism Spectrum Disorders)

**119. A Comparison of Group and One-to-One Instructional Arrangements With Students With Autism** (EDC; Applied Research) ASHLY VOORDE (Sonya Ansari Center for Autism) and Britany Melton (Endicott College; Sonya Ansari Center for Autism)

**120. Skill Acquisition and Preference of Adolescents With Autism Spectrum Disorder Across Two Video Modeling Procedures** (Applied Research) ANLARA MCKENZIE (University of Maryland, Baltimore County; Kennedy Krieger Institute), Jolene R. Sy (University of Maryland, Baltimore County), Nicole Lynn Hausman and, Carrie S. W. Borrero (Kennedy Krieger Institute), and Phillip Orchowit (University of Maryland, Baltimore County; Kennedy Krieger Institute)

**121. Teaching Auditory Conditional Discrimination to Children With Autism With Limited Repertoires** (Applied Research) JESSICA NIEMEIER, Nicole M. Rodriguez, and Amber R. Paden (University of Nebraska Medical Center's Munroe-Meyer Institute)

*Discussant: Gladys Williams (CIEL, SPAIN)*

**122. Toilet Training Through Doll Simulation** (Applied Research) AMBER JOHNSON, Jessica Niemeier, Nicole M. Rodriguez, and Brian D. Greer (University of Nebraska Medical Center's Munroe-Meyer Institute)

**123. A Comparison of Functional Analyses Used in an Applied Setting in a Young Child With Autism** (Service Delivery) ASHLEY AHLERS and Christina Gallagher (Bierman ABA Autism Center)

**124. Further Comparisons of Synthesized and Individual Reinforcement Contingencies During Functional Analysis** (Applied Research) TODD M. OWEN (University of Nebraska Medical Center) and Brian D. Greer, Wayne W. Fisher, Daniel R. Mitteer, Adam M. Briggs, and Andrew Sodawasser (University of Nebraska Medical Center)

**125. Multiple Schedules and Thinning With One S-Delta Period** (DDA; Applied Research) SARA BETH TUNG, Mindy Christine Scheithauer, Colin S. Muething, and Joanna Lomas Mevers (Marcus Autism Center)

**126. A Comparison of Trial Arrangement Procedures in Children With Autism** (VRB; Applied Research) AMELIA DRESSEL, Katie Nicholson, Sandhya Rajagopal, Kristin M. Albert, Ashley Felde, Michael Passage, and Tamara L. Pawich (Scott Center for Autism Treatment, Florida Institute of Technology)

**127. Evaluation of a Self-Initiation Toileting Protocol** (DDA; Applied Research) LAURA SUZANNA COLEMAN, Kristina Gerencser, and Joanna Lomas Mevers (Marcus Autism Center)

**128. An Evaluation of Prevalence for Children Diagnosed With Autism Spectrum Disorder and Pediatric Food Refusal** (CBM; Applied Research) CAITLYN BROOKE MALONE (University of Maryland Baltimore County; Kennedy Krieger Institute) and Carrie S. W. Borrero (Kennedy Krieger Institute)

**129. A Clinical Evaluation of Instructional Efficiency to Guide Programming Decisions** (VRB; Applied Research) KRISTIN M. ALBERT, Sandhya Rajagopal, Katie Nicholson, Tanja Ramirez-Schwartz, Amelia Dressel, Kayce Nagel, and Katherine Haggerty (Scott Center for Autism Treatment, Florida Institute of Technology)

**130. Adapting a Multiple-Schedule Reinforcer Assessment to Test Effects of Potential Punishers** (DDA; Applied Research) ALLISON HAWKINS, Catherine Kishel, Jasmine Grey, Kimberly Soman, and Robert W. Isenhower (Douglass Developmental Disabilities Center, Rutgers University)

*Discussant: Brittany DiSanti (Oslo and Akershus University College)*

**131. The Effects of Frequency of Reinforcer Access on Preference for Response-Reinforcer Arrangements** (Applied Research) SMILY KUMAR, Erin Conant, John Claude Ward-Horner, and Joseph M. Vedora (Evergreen Center)

**132. Exposure and Response Prevention for a Child With Asperger's Syndrome and Obsessive Compulsive Disorder** (DEV; Basic Research) AMANDA ADRAGNA (Hofstra University)

**133. A Quality Review of Interventions for Vocal Stereotypy of Individuals With Autism Spectrum Disorder** (Applied Research) DANNI WANG, Rose A. Mason, and Catharine Lory (Purdue University)

**134. The Effects of Functional Communication Training on Teaching Denial Tolerance for Attention Maintained Problem Behavior** (Service Delivery) PAOLA ROMERO (Continuum Behavioral Health)

**135. Decreasing Food Selectivity in Children Diagnosed With Autism Using Video Modeling and Role Play** (Service Delivery) LAUREN MCALLEN (Florida Institute of Technology; B.E.S.T Services Inc.) and Chris Krebs (Florida Institute of Technology)

**136. Utilizing Delayed Response Cost to Decrease Automatic Vocal Stereotypy in Children With Autism Spectrum Disorders** (Applied Research) BRETT JONES, Mackenzie Boon, and Kathleen Blackburn Franke (Kennedy Krieger Institute, Johns Hopkins School of Medicine) and Steven Lindauer (Kennedy Krieger Institute)

**137. Random Sampling Affects Background Probability Calculations in Descriptive Assessments** (Applied Research) RANDI LAYNE MAHONEY and Jason C. Bourret (New England Center for Children)

**138. Utilizing Differential Reinforcement of Alternative Behavior and Extinction to Reducing Tantrums and Repetitive Manding in a 3-Year-Old With Autism Spectrum Disorder** (DDA; Applied Research) BAHIJAH D. SHEIBANEE (Bedrock Clinic & Research Center)

**139. Developing Self-Evaluation Method for Speech Rate of Children With Autism Spectrum Disorder** (Applied Research) NOZOMI YOSHIDA and Koji Takeuchi (Meisei University)

**140. The Effect of Discrimination Training on Clothes Suitable for Room Temperature in Autism Spectrum Disorder Children With Intellectual Disabilities** (Applied Research) MAKOTO ITO and Koji Takeuchi (Meisei University)

**141. Quantifying Synchronization During Early Behavioral Intervention Program: Preliminary Study With Inter-Trial Interval and Inter-Response Time** (DDA; Basic Research) SATORU SEKINE and Jun'ichi Yamamoto (Keio University)

**142. Online to Offline Services for Children With Autism Spectrum Disorder in China** (EDC; Service Delivery) FRANK YU (CCABA) and Shu-Hwei (Sue) Ke (University of Nevada, Reno)

**143. Effects of Pressession Tangible Access on Subsequent Tangible Conditions in a Functional Analysis** (PRA; Applied Research) MARY MCDERMOTT (Endicott College) and Art Glenn Dowdy (Temple University)

## #485 Symposium

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Seaport Ballroom H  
AUT; Applied Research  
BACB/QABA CE Offered. CE Instructor: Jennifer L. Beers, Ph.D.

### Outside the Box: Novel Approaches to Reducing Challenging Behavior in Children With Autism

Chair: Jennifer L. Beers (The Chicago School, Los Angeles)  
Discussant: Adel C. Najdowski (Pepperdine University)

#### Comparing the Effects of a Single, Repeated Song and Varied, Repeating and Nonrepeating Songs on Vocal Stereotypy

KAYLA WELLS and Jennifer L. Beers (The Chicago School, Los Angeles)

#### The Effects of a Habit Reversal Treatment Package to Treat Stuttering and Motor Tics Across Children With Autism

VALERIE R. ROGERS and Hannah Prados (The ABRITE Organization)

## #486 Symposium

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Grand Hall D  
AUT/CSS; Service Delivery

### Preparing for Adulthood: What Can be Done to Best Prepare Individuals and Their Families on the Autism Spectrum Disorder for the Adult World?

Chair: Marianne L. Bernaldo (Xcite Steps, LLC)  
Discussant: Bonnie Kraemer (San Diego State University)

#### Insurance-Funded Applied Behavior Analysis Services for Adolescents: How Can We Prepare Them for Adulthood?

Marianne L. Bernaldo and MEGAN LEDOUX (Xcite Steps, LLC)

#### Preparing for the Fall: Educating Parents on Transition and Adult Services for Individuals on the Autism Spectrum

MARIANNE L. BERNALDO, Darryn Robinson, and Stephanie Lopez (Xcite Steps, LLC)

## #487 Paper Session

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Coronado Ballroom DE  
CBM

### Behavior Analysts Do That? Using ABA to Address Relationship Issues in Couples, Colleagues, and Collaborators

Chair: Steven Merahn (Centria Healthcare, Child Insights, LLC)

#### Yes We Can! Using ABA to Treat Couples

(Service Delivery)  
SHARON ESTILL OLDER (Adapt Behavioral Services)

#### ABA in the Healthcare Ecosystem: Relationships With the Pediatric Community

(Service Delivery)  
STEVEN MERAHN (Centria Autism Services), James Macon (Centria Healthcare)

## #488 Symposium

3:00 pm–3:50 pm  
Marriott Marquis, Marina Ballroom G  
CSS/TBA; Applied Research  
BACB CE Offered. CE Instructor: Emily Boshkoff, M.A.

### SASSI-R: Promoting Sustainable Ethical Practices for International Centres

Chair: Michelle L. Zube (Caldwell University)  
Discussant: Emily Boshkoff (Global Autism Project)

#### The Site Assessment Survey for Sustainable Interventions: Revised

CASSIE HARDEN (Global Autism Project)

#### The Site Assessment Survey for Sustainable Interventions: Revised

JACOB SADOVOY (Global Autism Project)

**#489 Panel Discussion****Student Committee Event**

3:00 pm–3:50 pm  
 Marriott Marquis, Marina Ballroom D  
 CSS; Applied Research  
 BACB CE Offered. CE Instructor: Jovonnie L. Esquiedo-Leal, M.A.

**Interdisciplinary Collaboration in Behavior Analysis**

Chair: Jovonnie L. Esquiedo-Leal (University of Nevada, Reno)

RAMONA HOUMANFAR (University of Nevada, Reno)  
 MELISSA PATRICIA PIASECKI (University of Nevada, Reno Med)  
 LAURA CROSSWELL (University of Nevada, Reno)

**#490 B. F. Skinner Lecture Series****Recorded**

3:00 pm–3:50 pm  
 Marriott Marquis, Grand Ballroom 7-9  
 DEV  
 BACB/PSY/QABA CE Offered. CE Instructor: R. Douglas Greer, Ph.D.

**The Bidirectional Operant as Behavioral Metamorphosis**

Chair: R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

PETER POHL (Child Psychology Practice Garmisch, Germany)



Born in post-war Germany, Peter Pohl spent ten very formative years (from 5 to 15) growing up in Long Beach, CA, then returned to Germany and received his Ph.D. in clinical child psychology from the University of Munich. Subsequent clinical research (acquired aphasia in children) at the Children's Center in Munich and comparative experimental research (functional asymmetry of the auditory system in baboons) at the University of Washington's Regional Primate Research Center in Seattle followed. A position as assistant professor of clinical neuropsychology was carried out at the University of Bielefeld, Germany. Experimental and clinical publications on various aspects of language acquisition in international journals document a longstanding professional interest in this field. A combination of child psychology practitioner and English teacher in a gymnasium in bicultural Brixen (South Tyrol), Italy were followed by a business occupation in organizational psychology for international corporations in Vienna, Austria. Peter founded the Child Psychology Practice Garmisch in the Bavarian Alps in 1997, and maintains collaborative R&D primarily in the field of verbal behavior development with various universities and enterprises in Europe, China, and the US.

**Abstract:** Despite the excellent work carried out on the subject, from an outsider's perspective one could argue that the bidirectional operant has not been explicitly appreciated for what would seem to be its most valuable asset, namely as a manifestation of a new class of operant behavior. What distinguishes this higher-order operant, as it is called, from simple operant behavior and what constitutes its bi-directionality? These questions are addressed in an attempt to understand verbal behavior acquisition from a developmental and evolutionary perspective. Comparative data are reported which support the view that the bidirectional operant is an exemplar of extreme life-stage modularity during acquisition of verbal behavior and may be functionally homologous to the biological phenomenon of complete metamorphosis. The presentation concludes with a consideration of the potential relevance of operant bi-directionality as a behavioral phenotype which underlies the accelerated transformation of learning in a world unhinged.

**#491 Paper Session**

3:00 pm–3:50 pm  
 Marriott Marquis, San Diego Ballroom C  
 EAB

**Stimulus Control in Humans**

Chair: Camilo Hurtado-Parrado (Konrad Lorenz Fundación Universitaria)

**Conditional Discrimination and Aversive Control (Basic Research)**

CAMILO HURTADO-PARRADO, Julian Cifuentes, Lucia Medina, and Mónica Arias-Higuera (Konrad Lorenz Fundación Universitaria)

**How to Become a Better Learner? A Study of Learning Transfer Across Different Visual Properties of Stimuli (Basic Research)**

MARGOT BERTOLINO and Vinca Riviere (University of Lille)

**#492 Symposium**

3:00 pm–3:50 pm  
 Manchester Grand Hyatt, Harbor Ballroom G  
 EDC/CBM; Service Delivery  
 BACB CE Offered. CE Instructor: Nicole Domonchuk, Ed.D.

**Expanding Behavioral Skills Training: Application With Adolescents With Autism, Care Partners of Individuals With Cognitive Loss, and College Professors**

Chair: Nicole Domonchuk (Lambton College)

**Transitioning Adolescents With Autism Spectrum Disorder: Life Prep Course**

MEAGHEN SHAVER (St. Lawrence College) and Andrea Roblin-Hanson (Hotel Dieu Hospital, Division of Child and Adolescent Psychiatry)

**Supporting College Faculty to Adopt New Teaching Practices With Behavioral Skills Training**

NICOLE DOMONCHUK (Lambton College)

**Training Family Care Partners of Older Adults With Cognitive Loss: What Happened to Skills?**

RACHEL VANPUTTEN, Claudia Drossel, and Thomas J. Waltz (Eastern Michigan University)

**#493 Symposium**

3:00 pm–3:50 pm  
 Manchester Grand Hyatt, Harbor Ballroom HI  
 EDC/AUT; Service Delivery  
 BACB CE Offered. CE Instructor: Catherine Horton, M.S.

**Worldwide Application of The Pyramid Approach to Education: A FUNCTIONal Approach to ABA in Classrooms**

Chair: Anne Overcash (Pyramid Educational Consultants, Inc.)

Discussant: Robert D. Holdsambeck (Calaba)

**Pyramid Certified Classrooms: Overview and Outcomes of The Pyramid Approach and Certification Model**

CATHERINE HORTON (Pyramid Educational Consultants)

**International Applications of the Pyramid Approach to Education**

DONNA MARIE BANZHOF (Pyramid Educational Consultants, Inc.; Pyramid Group Management Services Corporation)

**#494 Panel Discussion****Student Committee Event**

3:00 pm–3:50 pm  
 Marriott Marquis, Marina Ballroom F  
 OBM; Theory

**Women in OBM**

Chair: Kathryn M. Roose (University of Nevada, Reno)

ALICIA M. ALVERO (Queens College, City University of New York)

DARNELL LATTAL (Context Management)

LORI H. LUDWIG (Performance Blueprints, Inc.)

**#495 Symposium****Supervision**

3:00 pm–3:50 pm  
 Marriott Marquis, Marina Ballroom E  
 OBM/AUT; Service Delivery  
 BACB CE Offered. CE Instructor: Meghan Herron, M.S.

**Breaking Away From Basic: Practical Approaches to Staff Training**

Chair and discussant: Heidi Eilers (Easterseals Southern California)

**The Use of a Conditioned Reinforcer to Increase Accuracy of Clinical Skills**

MEGHAN HERRON and Amin Duff Lotfizadeh (Easterseals Southern California) and Alan D. Poling (Western Michigan University)

**Effects of Lottery-Based Incentive Versus Feedback on Submission of Daily Session Data on Web-Based Data System**

AGUSTIN JIMENEZ and Joshua Trevino (TOTAL Programs)



## #496 Invited Presenter

3:00 pm–3:50 pm  
Marriott Marquis, San Diego Ballroom B  
PCH  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Julio C. De Rose, Ph.D.

### **Transfer and Transformation of Stimulus Functions in Cultural Phenomena: Attitudes, Values, and Aesthetic Responses**

Chair: David C. Palmer (Smith College)

JULIO C. DE ROSE (Universidade Federal de São Carlos)



Julio de Rose received his Ph.D. at the University of São Paulo, Brazil, in 1981, and was a postdoctoral Fulbright fellow at the Eunice Kennedy Shriver Center for Mental Retardation. He is now professor of psychology at the Federal University of São Carlos and research director of the Brazilian National Institute of Science and Technology on Behavior, Cognition and Teaching, of which he is one of the founders. He is the author and co-author of more than 130 articles and chapters on experimental, applied, and conceptual behavior analysis, and has served in the editorial boards of several international journals in the field of behavior analysis.

**Abstract:** Stimulus functions are transferred or transformed across relational networks. Studies in our laboratory, for instance, have shown that evaluative functions of meaningful stimuli, such as facial emotional expressions, transfer to abstract stimuli equivalent to them. These abstract stimuli become symbols of the emotional expressions. However, stimuli related by opposition to happy facial expressions are subsequently rated as sad. This has been confirmed with several measurement procedures, such as Semantic Differential ratings, IRAP, Semantic Priming, and Event-Related Potentials. The influential cultural anthropologist Clifford Geertz has characterized cultures as sets of symbolic devices that control behavior. Transfer and transformation of stimulus functions across relational networks may be the foundation of a behavioral account of how symbolic devices control behavior. In this presentation we will focus on cultural phenomena such as attitudes, values, and aesthetic responses, interpreting them on the basis of transformation of evaluative, consequential and discriminative functions in complex stimulus networks. Thus, the concept of attitude, in mainstream Psychology, although not precisely defined, points toward evaluative responses to stimuli. These evaluations may often originate in direct conditioning experiences with the stimuli. They may also be based on experience with stimuli related by equivalence or other types of relations. Similar analyses will be advanced for values and aesthetic responses. Skinner defined values in terms of reinforcers, and studies have confirmed that reinforcing (and punishing) functions are also transformed in relational networks, so that humans may value stimuli based on their experience with related stimuli. Works of art constitute complex packages of stimuli that participate in complex relational networks. Although responses to art may, to some extent, involve phylogenetic dispositions, personal histories will shape individual responses to a work of art.

## #497 Panel Discussion

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Seaport Ballroom B  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: Matthew Tincani, Ph.D.

### **Current Issues in Evidence-Based Practices for Adults with Intellectual and Developmental Disabilities**

Chair: Terence G. Blackwell (Chimes International Limited)

MATTHEW TINCANI (Temple University)  
LOIS MESZAROS (Chimes)  
VIVIAN A. ATTANASIO (Services for the Underserved)

## #498 Panel Discussion

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Seaport Ballroom A  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: Michele D. Wallace, Ph.D.

### **It's Not Just Kids With Autism: What About the Adult Population of Individuals With Developmental Disabilities Who Engage in Severe Problem Behavior?**

Chair: Jennifer Lynn Hammond (Center for Applied Behavior Analysis)

RACHEL TAYLOR (Center for Applied Behavior Analysis)  
TRAVIS BLEVINS (Behavior Services of the Rockies)  
MICHELE D. WALLACE (California State University, Los Angeles)

## #499 Symposium

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Seaport Ballroom C  
PRA/DDA; Service Delivery

### **Sexual Behavior Assessments and Sex Education**

Chair: Shane Spiker (New Architects)

#### **The Importance of Sexuality Education for Children With and Without Intellectual Disabilities: What Parents Think**

SORAH STEIN (Partnership for Behavior Change)

#### **Relationship Satisfaction Among Adults With Developmental and Intellectual Disabilities: Effects of Sexual Education**

ALLISON HERBERT (The Chicago School of Professional Psychology) and Fawna Stockwell (Upswing Advocates)

#### **Using Functional Assessments to Promote Healthy Sexual Behavior**

BARBARA GROSS (Empowered: A Center for Sexuality)

## #500 Symposium

3:00 pm–3:50 pm  
Manchester Grand Hyatt, Seaport Ballroom DE  
PRA/DDA; Service Delivery

### **Childhood Traumatic Stress: Collaboration and Training Opportunities for Behavior Analysts**

Chair: Chrystal Jansz Rieken (The Chicago School of Professional Psychology)

Discussant: Michael Gomez (Center for Superheroes Texas Tech University Health Sciences Center)

#### **Integrating ABA Service With Trauma-Informed Family Therapy: A Case Presentation and Discussion of Strategies**

KIMBERLY SHAMOUN (Behavioral Intervention Psychological Services PC) and Juliet Vogel (Zucker School of Medicine at Hofstra/Northwell)

#### **Childhood Trauma Training Opportunities for Behavior Analysts**

Chrystal Jansz Rieken, Annette Griffith, JESSICA CALIXTO, and Krystle Lee Curley (The Chicago School for Professional Psychology) and Michael Gomez (Center for Superheroes Texas Tech University Health Sciences Center)

## #501 Symposium

3:00 pm–4:50 pm  
Manchester Grand Hyatt, Seaport Ballroom F  
AUT/DDA; Applied Research  
BACB CE Offered. CE Instructor: Cynthia M. Anderson, Ph.D.

### **Using Randomized Controlled Trials in Behavior Analytic Research**

Chair: Colin S. Muething (Marcus Autism Center, Emory School of Medicine)

Discussant: Cynthia M. Anderson (May Institute)

#### **Prevent-Teach-Reinforce: A Randomized Control Trial in Family Settings**

MALENA ARGUMEDES (University of Sherbrooke) and Marc J. Lanovaz and Serge Larivée (Université de Montréal)

#### **Randomized Controlled Trial of a Comprehensive School-Based Intervention for Autism Spectrum Disorder**

RYAN J. MARTIN and Cynthia M. Anderson (May Institute), Tristram Smith (University of Rochester Medical Center), and Rose Iovannone (University of South Florida; Florida Mental Health)

#### **A Randomized Controlled Trial of an iOS-Based App for Toilet Training Children With Autism Spectrum Disorder**

Daniel W. Mruzek (University of Rochester Medical Center), Stephen McAleavey (University of Rochester), Whitney Loring (Vanderbilt University Medical Center), Eric Butter (Nationwide Children's Hospital), Tristram Smith (University of Rochester Medical Center), Erin McDonnell (Massachusetts General Hospital), LYNNE LEVATO (University of Rochester Medical Center), and Courtney A. Aponte (University of Rochester)

#### **A Pilot Randomized Controlled Trial of a Multidisciplinary Treatment for Encopresis in Children With Austin Spectrum Disorders**

JOANNA LOMAS MEYERS, Nathan Call, Kristina Gerencser, Mindy Christine Scheithauer, Sarah Miller, Colin S. Muething, and Shannon Kennedy Hewett (Marcus Autism Center) and Courtney McCracken (Emory School of Medicine)

## #502 Symposium

3:00 pm–4:50 pm

Manchester Grand Hyatt, Grand Hall B  
AUT/EDC; Service Delivery  
BACB/NASP CE Offered. CE Instructor: Michael Miklos, M.S.

### International Perspectives on Educational Interventions for Autism

Chair: Michael Miklos (Pennsylvania Training and Technical Assistance Network)  
Discussant: Rachel Kittenbrink (University of Pittsburgh)

#### Development of a Public School Program for Students With Autism in the Czech Republic

AMIRIS DIPUGLIA (Pennsylvania Training and Technical Assistance Network; Autism Initiative) and Michael Miklos (Pennsylvania Training and Technical Assistance Network)

#### Progress in Poland: Expanding Behavioral Interventions for Autism in School-Based Programs

MARTA SIEROCKA-ROGALA (Warsaw)

#### ABA and School-Based Autism Intervention: A Brief Comparison Between Two European Countries

FRANCESCA DEGLI ESPINOSA (private practice)

#### Training Staff to Deliver Effective Autism Services in the Republic of China: A Comparative Review

MICHAEL MIKLOS (Pennsylvania Training and Technical Assistance Network) and Rachel Kittenbrink (University of Pittsburgh)

## #503 Paper Session

3:00 pm–4:50 pm

Manchester Grand Hyatt, Seaport Ballroom G  
AUT

### Parent Participation and Training in Services for Children With Autism Spectrum Disorder

Chair: Linda S. Heitzman-Powell (The University of Kansas Medical Center)

#### Increasing Language Use in Parents of Children With Autism Spectrum Disorder (Applied Research)

CHRISTINE FLORENTINO HONSBARGER (Els for Autism Foundation) and Michael Brady and Rangasamy Ramasamy (Florida Atlantic University)

#### Evaluation of the Online and Applied System for Intervention Skills Training Program for Parents of Children With Autism (Service Delivery)

LINDA S. HEITZMAN-POWELL (The University of Kansas Medical Center) and Jay Furman Buzhardt (The University of Kansas, Juniper Gardens Children's Project)

#### The Early Intensive Behavioral Intervention Parental Self-Efficacy Scale: A New Tool for Parents and Practitioners (Service Delivery)

AARON BLOCHER-RUBIN (Arizona Autism United)

#### Guide to Implementing Parent Directed Treatment as an Intervention Technique for Autism Spectrum Disorders (Service Delivery)

MADHU SUNDARRAJAN and Jessica Franco (The University of Texas at Austin)

## #504 Symposium

3:00 pm–4:50 pm

Manchester Grand Hyatt, Coronado Ballroom AB  
CBM/AUT; Applied Research  
BACB CE Offered. CE Instructor: Vivian F Ibanez, M.A.

### Translational and Clinical Research on Relapse and Pediatric Feeding Disorders

Chair: Vivian F. Ibanez (University of Nebraska Medical Center's Munroe-Meyer Institute)

Discussant: Michael E. Kelley (The Scott Center for Autism Treatment, Florida Institute of Technology)

#### A Meta-Analysis of Functional Analysis Procedures and Outcomes in Pediatric Feeding Disorders

HENRY S. ROANE and Valdeep Saini (Upstate Medical University); Heather Kadey (The Kelberman Center; State University of New York Upstate Medical University); and Joshua Jessel, Julia Iannaccone, and Charlene Agnew (Queens College); and Katherine Paszek (Syracuse University)

#### A Comparison of a Function-Based Treatment to a Nonindicated Treatment in the Treatment of Inappropriate Mealtime Behavior

CAITLIN A. KIRKWOOD, Cathleen C. Piazza, Kathryn M. Peterson, and Vivian F. Ibanez (University of Nebraska Medical Center's Munroe-Meyer Institute)

#### A Translational Evaluation of Renewal of Inappropriate Mealtime Behavior

VIVIAN F. IBANEZ, Cathleen C. Piazza, and Kathryn M. Peterson (University of Nebraska Medical Center's Munroe-Meyer Institute)

### Assessing Multiple-Context Training to Mitigate Resurgence in Children Diagnosed With Autism Spectrum Disorder

STEPHANIE WATHEN, Ronald Clark, and Melinda Galbato (The Scott Center for Autism Treatment, Florida Institute of Technology); Cassie Maureen Vergason and Weizhi Wu (Florida Institute of Technology); and Christopher A. Podlesnik (The Scott Center for Autism Treatment, Florida Institute of Technology; The University of Auckland)

## #505 Symposium

3:00 pm–4:50 pm

Manchester Grand Hyatt, Harbor Ballroom AB  
DDA/EAB; Service Delivery  
BACB CE Offered. CE Instructor: Iser Guillermo DeLeon, Ph.D.

### Translational and Applied Studies on Schedules and Parameters of Reinforcement

Chair: Laura L. Grow (Garden Academy)

Discussant: Iser Guillermo DeLeon (University of Florida)

#### Effects of the Parameter of Reinforcement on Two Measures of Delay Discounting: A Comparison Between Hypothetical and Response-Based Procedures

MIKE HARMAN and Tiffany Kodak (University of Wisconsin - Milwaukee) and Todd L. McKechar (Jacksonville State University)

#### An Analysis of Conjugate Schedules of Reinforcement and Response Force

JOHN FALLIGANT, John T. Rapp, and Kristen Brogan (Auburn University) and Jonathan W. Pinkston (Western New England University)

#### Evaluating the Effects of Reinforcement Magnitude Using a Token Economy

KAITLYN DONOVAN, Ruth M. DeBar, and Jason C. Vladescu (Caldwell University) and Karen A. Toussaint (University of North Texas)

#### A Comparison of Differential Reinforcement, Nondifferential Reinforcement, and Extinction During Skill Acquisition

TYLA M. FREWING (University of British Columbia), Laura L. Grow (Garden Academy), Jennifer Vellenoweth (Semiahmoo Behaviour Analysts Inc.; St. Cloud State University), and Maria Turner (private practice)

## #506 Symposium

3:00 pm–4:50 pm

Marriott Marquis, San Diego Ballroom A  
EAB; Basic Research

### Experimental Analyses of Resistance to Change and Relapse

Chair: Carlos Cançado (Universidade de Brasília)

Discussant: Timothy A. Shahan (Utah State University)

#### Baseline Response Rates, Response-Reinforcer Dependency, and Resistance to Change

TEIXEIRA TEIXEIRA and Carlos Cançado (Universidade de Brasília)

#### Baseline Reinforcement Rate Increases Both Resistance to Extinction and Resurgence of Operant Behavior in Zebrafish

Toshikazu Kuroda and Yuto Mizutani (Aichi Gakuin University), Carlos Cançado (Universidade de Brasília), and CHRISTOPHER A. PODLESNIK (Florida Institute of Technology)

#### Within-Session Resurgence Procedures

AMANDA CALMON NOGUEIRA DA GAMA RODEGHERI and Josele Abreu Rodrigues (Universidade de Brasília)

#### Local Resurgence in a Free-Operant Psychophysical Procedure Following Repeated Exposure to Extended Probe Trials

JOHN BAI and Sarah Cowie (University of Auckland) and Christopher A. Podlesnik (Florida Institute of Technology)

## #507 Symposium

3:00 pm–4:50 pm

Marriott Marquis, Rancho Santa Fe 1-3  
EAB; Basic Research  
BACB CE Offered. CE Instructor: Timothy D. Hackenberg, Ph.D.

### Cooperation, Altruism, and Social Reinforcement: Current Trends in the Experimental Analysis of Social Behavior

Chair and discussant: Timothy D. Hackenberg (Reed College)

#### **Social Coordination in a Public Goods Game Setting With Rats**

Ana Carolina Trousdell Franceschini, Lauren Vanderhooft, Rachel Schulingkamp, Christina Heumann, Katelyn Gutowsky, and TIMOTHY D. HACKENBERG (Reed College)

#### **Cooperative Behavior as an Integrated Behavioral Unit: Differentiation of Temporal Patterns**

MARCELO BORGES HENRIQUES (Universidade Federal de Goiás, Regional Jataí), Lucas Codina Souza (Universidade Federal de Goiás), and João Claudio Todorov (Universidade de Brasília)

#### **Parameters of Social Discounting as a Metric of Altruistic Behavior**

RAUL AVILA, ALDO TOLEDO, and Jorge Fernandez (Universidad Nacional Autónoma de México)

#### **Social Stimuli and Relapse of Operant Behavior in Rats**

KAITLYN BROWNING and Timothy A. Shahan (Utah State University)

#### **#508 Symposium**

3:00 pm–4:50 pm

Marriott Marquis, Grand Ballroom 10-13

PCH/DDA: Service Delivery

BACB CE Offered. CE Instructor: Chata A. Dickson, Ph.D.

#### **A Complete Behavior Analyst: Remembering the Life and Work of Maria R. Ruiz (1950–2017)**

Chair: Chata A. Dickson (New England Center for Children; Western New England University)

Discussant: Cristina M. Whitehouse (Florida Autism Center)

#### **Pragmatic and Humanistic Values in the Education and Treatment of Individuals With Developmental Disabilities: Contributions and Lessons From Maria Ruiz**

CHATA A. DICKSON (New England Center for Children; Western New England University)

#### **Maria Ruiz's Contributions to the Science of Prejudice and Discrimination**

CHRISTINE M. TERRY (Private Practice)

#### **Revisiting the Alliance Between Feminism and Behavior Analysis: The Conceptual Work of Maria R. Ruiz**

MICHELLE ENNIS SORETH (Rowan University)

#### **Maria Ruiz and Her Legacy of Feminist Pedagogy at Rollins College**

KIMBERLY NIX BERENS (Fit Learning: New York)

#### **#509 Invited Presenter**

4:00 pm–4:50 pm

Manchester Grand Hyatt, Seaport Ballroom DE

AUT

PSY/BACB/QABA/NASP CE Offered. CE Instructor: Dorothea C. Lerman, Ph.D.

#### **Efficient, Cost-Effective Approaches for Disseminating ABA Methodologies Into Public School Classrooms Serving Students With Developmental Disabilities**

Chair: Tiffany Kodak (University of Wisconsin - Milwaukee)

DOROTHEA C. LERMAN (University of Houston-Clear Lake)



Dorothea Lerman is currently a professor of psychology at the University of Houston - Clear Lake, where she directs a master's program in behavior analysis and serves as director of the UHCL Center for Autism and Developmental Disabilities. She received her doctoral degree in psychology from the University of Florida in 1995, specializing in the experimental analysis of behavior. Her areas of expertise include autism, developmental disabilities, early intervention, functional analysis, teacher and parent training, and treatment of severe behavior disorders (e.g., aggression, self-injury). Dr. Lerman has published more than 80 research articles and chapters, served as editor-in-chief for the *Journal of Applied Behavior Analysis* and *Behavior Analysis in Practice* and has secured more than \$2 million in grants and contracts to support her work. She was the recipient of the 2007 Distinguished Contribution to Applied Behavioral Research Award and the 2001 B.F. Skinner Award for New Researchers, awarded by Division 25 of the American Psychological Association. She also was named a Fellow of the Association for Behavior Analysis-International in 2008. Dr. Lerman is a licensed psychologist and a board certified behavior analyst.

**Abstract:** The successful dissemination of ABA methodologies into public school classrooms requires efficient, low-cost staff training models. In this presentation, I will describe a line of research on an intensive, five-day training program for public school teachers and paraprofessionals that covers foundational skills in ABA. Highlights from a line of research spanning more than 20 years will be described, along with the implications of working with teachers and paraprofessionals in public school settings.

#### **#510 Symposium**

4:00 pm–4:50 pm

Marriott Marquis, Marina Ballroom G

CSS/PRA; Service Delivery

BACB CE Offered. CE Instructor: Susan M. Schneider, Ph.D.

#### **Fighting Climate Change Together: Successes and Opportunities for Behavior Analysis Principles in the Mainstream**

Chair: Susan M. Schneider (Root Solutions)

#### **Behavior Analysis Principles in Mainstream Sustainability: Getting There (Slowly)**

SUSAN M. SCHNEIDER (Root Solutions)

#### **Bringing Behavior Analysis Principles to Energy and Transportation Research**

ANGELA SANGUINETTI (University of California, Davis)

#### **Interdisciplinary Sustainability at Fresno State**

CRISS WILHITE and Beth Weinman (California State University, Fresno)

#### **#511 Paper Session**

4:00 pm–4:50 pm

Marriott Marquis, Marina Ballroom D

CSS

#### **Disabilities, Advocacy, and International Development**

Chair: Carmen R. Britton (UConn)

#### **Institutionalized Youth With Disabilities in the Philippines: Responsible Conduct and Sustainable Practice** (Service Delivery)

CARMEN R. BRITTON (University of Connecticut)

#### **An Evaluation of an Advocacy Training Tool for People With Disabilities (Applied Research)**

E. ZHANG and Glen W. White (The University of Kansas)

#### **#512 Paper Session**

4:00 pm–4:50 pm

Manchester Grand Hyatt, Coronado Ballroom DE

DEV

#### **Graphic Display and Analysis of Acquisition and Performance Behaviors**

Chair: Sal Ruiz (The Pennsylvania State University)

#### **BCBA Decision Making Using a Standardized Graphing Display to Determine Function of Challenging Behavior** (Applied Research)

SAL RUIZ (The Pennsylvania State University)

#### **Skill Learning and Expert Performance** (Theory)

PARSLA VINTERE (CHE Senior Psychological Services; Elaine Kaufman Cultural Center)

#### **#513 Symposium**

4:00 pm–4:50 pm

Manchester Grand Hyatt, Harbor Ballroom G

EDC/TBA; Theory

#### **How Behavior Analysis Can Save America's Failing Education System**

Chair: Joseph H. Cihon (Autism Partnership Foundation; Endicott College)

#### **The Effective Use of Mastery Learning, Fluency Training, and Self-Paced Learning**

Allison Rose Bickelman (Autism Behavior Intervention; Endicott College) and LORRAINE OTTE (Endicott College)

#### **Clear Expectations as the Steps to Success**

JESSLYN N. FARROS (Center for Applied Behavior Analysis; Endicott College)

#### **The Use of a Multi-Component Treatment Package to Increase Reading Fluency in Young Children**

JENNIFER LYNN HILTON and Mary Jane Weiss (Endicott College), Justin B. Leaf (Autism Partnership Foundation), and Thomas L. Zane (The University of Kansas)

## #514 Symposium

4:00 pm–4:50 pm  
Manchester Grand Hyatt, Harbor Ballroom HI  
EDC/PRA; Service Delivery

### Applied Behavior Analysis in Higher Education

Chair: Robert Shapiro (Fitchburg State University; Shapiro Educational & Behavioral Consultants)  
Discussant: Emily White (Behavior Analyst Certification Board)

#### Service Learning: Redesigning a University Course in Classroom Behavior Supports to Benefit Students and the Community

ROBERT SHAPIRO (Fitchburg State University; Shapiro Educational & Behavioral Consultants)

#### Executive Functioning Strategies to Reduce Procrastination in University Students

Laura Garofoli (Fitchburg State University) and ROBERT SHAPIRO (Fitchburg State University; Shapiro Educational & Behavioral Consultants)

## #515 Panel Discussion

4:00 pm–4:50 pm  
Marriott Marquis, Marina Ballroom F  
OBM; Service Delivery  
BACB CE Offered. CE Instructor: Todd A. Ward, Ph.D.

### Life as a Behavior Analytic Entrepreneur: Experiences of Founding Females

Chair: Todd A. Ward (bSci21Media; Divergent Startups; ENSO Group)

ANGELA JOYCE CATHEY (ENSO Group; bSci21Media)  
BARBARA R. BUCKLIN (OBM Consultant)  
LEAH MARIE FENNEMA (Collaborative ABA)

## #516 Symposium

### Supervision

4:00 pm–4:50 pm  
Marriott Marquis, Marina Ballroom E  
OBM; Applied Research  
BACB CE Offered. CE Instructor: Kristin M. Albert, M.Ed.

### Research on Organizational Behavior Management in Human Service Settings

Chair: Kristin M. Albert (Florida Institute of Technology; The Scott Center for Autism Treatment)

#### Literature Review: The Use of OBM Interventions to Improve Staff Performance in Human Service Settings

Nicole Gravina and Jamie Villacorta (Florida Institute of Technology); KRISTIN M. ALBERT (Florida Institute of Technology; The Scott Center for Autism Treatment); and Scott Michael Curry, Ronald Joseph Clark, and David A. Wilder (Florida Institute of Technology)

#### Organizational Behavior Management in Human Service Settings: A Survey of Clinical Behavior Analysts

Kristin M. Albert (The Scott Center for Autism Treatment, Florida Institute of Technology), Nicole Gravina (Florida Institute of Technology), Daniel B. Sundberg (ABA Technologies), and SCOTT MICHAEL CURRY and Noell Jankowski (Florida Institute of Technology)

#### The Effect of Performance Scorecards in an Early Intervention Clinic

DANIEL J. CYMBAL and Nicole Gravina (Florida Institute of Technology), Kavita Ramsahai (Florida Institute of Technology; JKP Analysts), and Joshua K. Pritchard (Southern Illinois University; JKP Analysts)

## #517 Invited Presenter

### Recorded

4:00 pm–4:50 pm  
Marriott Marquis, Grand Ballroom 7-9  
OTH  
PSY/BACB CE Offered. CE Instructor: Liliana Mayo, Ph.D.

### How is it Possible That in Peru People With Autism and Other Developmental Disorders Not Only Work, but Help to Reduce Poverty

Chair: Maria E. Malott (Association for Behavior Analysis International)

LILIANA MAYO (Centro Ann Sullivan del Peru)



Dr. Liliana Mayo received her doctoral training in the Department of Applied Behavior Science at the University of Kansas. She is the founder and executive director of Centro Ann Sullivan del Peru (CASP), in Lima, Peru, which serves more than 400 students with different abilities (especially those with the most severe limitations) and their families. Dr. Mayo is a professor of special education at the Universidad Peruana Cayetano Heredia and the Universidad Catolica, in Peru, and an Adjunct Faculty Member in the Department of Applied Behavior Sciences at the University

of Kansas. Also she is a member of the National Council of Education in Peru. She is the representative of CASP in the formal cooperative agreement between CASP and the Schiefelbusch Institute for Research in Life Span Studies at the University of Kansas, in the United States. Dr. Mayo has received numerous awards and recognitions due to her contributions to the development of successful practices that promote progress and full inclusion of people with different abilities in society through the high participation of parents in the School of Families, and the implementation of effective educational programs following a Functional Natural Curriculum. Among them are the Queen Sofia of Spain 1999, Award for Rehabilitation and Integration, the International Dissemination of Applied Behavior Analysis award in 2000, the Peruvian Government that is the Order 'El Sol del Peru' in the Commander Grade in 2007. She was honored by the government of Panama with the Order 'Maria Ossa de Amador' in the Grade of Grand Medal in 2012 and for the government of Dominican Republic, with 'Christopher Columbus' 'Heraldic Order' in 2014.

**Abstract:** How is it that the best businesses in Peru and even the Congress hire people with autism and developmental disorders, some who have worked for 22 years continuously? Because they have found that they are good workers, don't gossip, ask for more work, and are loyal to the business where they work. Centro Ann Sullivan del Peru (CASP) has more than 100 students working in 46 businesses; 60% of them have autism. All receive the same pay and benefits as other employees and are included in all social activities in their work places. Many help their families economically by paying for utilities like water and electricity, paying for the medication of their parents, or even starting the construction of their own home. CASP students/workers receive the same social benefits as all Peruvian workers. It is important that persons with developmental disorders, especially those from extreme poverty, work in a supported employment program because it leads to including them in all aspects of society and because it leads to poverty reduction.

## #518 Panel Discussion

### Student Committee Event

4:00 pm–4:50 pm  
Manchester Grand Hyatt, Seaport Ballroom C  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: Cody Morris, M.A.

### Trouble With Technology

Chair: Cody Morris (Western Michigan University)

CODY MORRIS (Western Michigan University)

DENICE RIOS (Western Michigan University)

REBECCA KOLB (Western Michigan University)

## #519 Symposium

### Ethics

4:00 pm–4:50 pm  
Manchester Grand Hyatt, Seaport Ballroom A  
PRA/TBA; Service Delivery  
BACB CE Offered. CE Instructor: Thomas R. Freeman, M.S.

### Ethics and Professionalism: She Said What?!

Chair: Thomas R. Freeman (ABA Technologies; Florida Institute of Technology)

#### Does the Golden Rule Apply to Our Field?

CHRISTI A. REED (ABA Technologies Inc.)

#### Ethics and Professionalism in Teaching and Disseminating

APRIL ROWLAND (ABA Technologies Inc)

#### The Final Frontier: Ethics and the Internet

COREY L. ROBERTSON (ABA Tech; Florida Institute of Technology)

## #520 B. F. Skinner Lecture Series

4:00 pm–4:50 pm  
Marriott Marquis, San Diego Ballroom B  
SCI  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Jennifer R. Zarcone, Ph.D.

### Towards Prevention of Chronic Challenging Behaviors in Neurodevelopmental Conditions

Chair: Jennifer R. Zarcone (Kennedy Krieger Institute)

JAMES W. BODFISH (Vanderbilt University School of Medicine)



Dr. Bodfish is a Professor at the Vanderbilt University School of Medicine. He has devoted his career exclusively to research, teaching, and clinical activities in the field of autism and developmental disabilities. His research has focused on the pathogenesis and treatment of autism and related conditions and has been published in a variety of journals including *The New England Journal of Medicine*, *Science*, *PLoS One*, *Journal of Autism and Developmental Disorders*, *Autism Research*, *the American Journal of Intellectual & Developmental Disabilities*, *the Journal of Pediatrics*, *Brain Behavior*

*Research*, and *Social Cognitive Affective Neuroscience*. His research has been continuously funded by NIH since 1992. His service activities have included: standing member of the NIH Childhood Psychopathology and Developmental Disabilities Study Section; associate editor of the *American Journal of Intellectual and Developmental Disabilities*; editor of *Autism: The International Journal of Research and Practice*, co-chair of the NC Institute of Medicine Developmental Disabilities Task Force, Governor-appointed member of the Council on Developmental Disabilities; NC Senate Appointee of the Legislative Study Commission on Autism Spectrum Disorders; expert consultant for the US Department of Justice Civil Rights Division, and faculty member of the International Congress on Movement Disorders.

**Abstract:** A subset of children with autism and related neurodevelopmental conditions develop persistent and clinically significant challenging behaviors like aggression and self-injury. Addressing this significant public health concern in an effective, practical, and scale-able manner has been one of the clear success stories of applied behavior analysis. Evidenced-based behavioral assessments and interventions effectively manage and treat a variety of challenging behaviors once they develop. However, this approach typically requires continued application of the intervention across a significant portion of the lifespan and as a result can be costly and resource-intensive. These potential limitations have motivated the start of a paradigm shift away from intervention and towards prevention. The search is on for malleable risk factors that occur early and that are associated with the persistence of challenging behaviors. In my talk I will describe our on-going program of research-to-practice activities in this area. First, I will discuss what is often taken as an overly simplistic “biology versus environment” dichotomy in this area. Instead of some form of subtyping, one could explore how behavior and underlying biology may change over time if the aberrant behavior persists. I will describe findings from our research that indicate that the persistence of challenging behaviors into adulthood can engender both behavioral and physiological changes—suggesting a potential interplay of biology and behavior that could conceivably drive treatment resistance over time. Next, I will describe on-going research focusing on isolating a set of pivotal child behaviors and parent-child interaction patterns early in development that are associated with emerging challenging behaviors in children with autism. These studies have focused on how language develops and interacts with early forms of aberrant behavior. Finally, I will describe our on-going research-to-practice work in this area that is focusing on developing and testing both home-based and a preschool-based approaches for preventing the development of challenging behaviors.

#### #521 Symposium

4:00 pm–5:50 pm  
Manchester Grand Hyatt, Grand Hall D  
AUT/DDA; Applied Research

##### Using Behavior Analytic Interventions to Address the Needs of Individuals With Autism Across the Lifespan

Chair: Emily Gregori (Purdue University)  
Discussant: Russell Lang (Texas State University-San Marcos)

##### The Effects of a Shared Reading Intervention on Narrative Story Comprehension and Task Engagement of Students With Autism Spectrum Disorder

SO YEON KIM, Mandy J. Rispoli, Catharine Lory, and Emily Gregori (Purdue University)

##### Peer-Mediated Intervention for Adolescents With Autism: Reducing Inappropriate Communication Acts in “Dominant Talkers”

AMANDA THOMAS and Linda Bambara (Lehigh University)

##### Increasing Question Asking Skills of College Females With Autism During Lunch Conversations With Peers: Impact of Covert Audio Coaching

ROSE A. MASON (Purdue University), Howard P. Wills (Juniper Gardens Children’s Project), Debra M. Kamps (Juniper Gardens Children’s Project, The University of Kansas), and Raia Rosenbloom (The University of Kansas)

##### Using Technology-Enabled Self-Monitoring to Improve the Work Performance of an Adult With Autism

Leslie Ann Bross (The University of Kansas), Howard P. Wills (Juniper Gardens Children’s Project), and Rose A. Mason and DANNI WANG (Purdue University)

#### #522 Symposium

4:00 pm–5:50 pm  
Manchester Grand Hyatt, Grand Hall C  
AUT/DEV; Service Delivery  
BACB CE Offered. CE Instructor: Martha Pelaez, M.S.

##### Operant Learning Procedures to Train Eye Contact, Vocalizations, Joint Attention, and Social Referencing in Young Children With Autism

Chair: Kat Monlux (Stanford University)  
Discussant: Martha Pelaez (Florida International University)

##### A Parent Training Model for Increasing Eye Contact Among Infants at Risk of Autism

JACQUELINE CARROW (Caldwell University), Martha Pelaez (Florida International University), Jonathan J. Tarbox (University of Southern California; FirstSteps for Kids), Hayley Neimy (Shabani Institute; Endicott College), and Kat Monlux (Stanford University)

##### Promoting Vocalizations in Infants at Risk of Autism via Parent Training and Social Reinforcement Procedures

HAYLEY NEIMY (Shabani Institute; Endicott College), Martha Pelaez (Florida International University), Jonathan J. Tarbox (University of Southern California; FirstSteps for Kids), Jacqueline Carrow (Caldwell University), and Kat Monlux (Stanford University)

##### Vocalizations and Joint Attention as a Function of Operant Learning Procedures in Neurotypical Infants

SUDHA RAMASWAMY (Mercy College), Martha Pelaez (Florida International University), Kat Monlux (Stanford University), Hayley Neimy (Shabani Institute; Endicott College), and Jacqueline Carrow (Caldwell University)

##### Increasing the Occurrence of Joint Attention Responses to Therapist-Initiated Bids Using Operant Learning Procedures in Children With Autism

NICOLE LUKE, Hanan Kulmiye, Cherisse Chin, and Molly Slater (Surrey Place Centre)

#### #523 Symposium

4:00 pm–5:50 pm  
Marriott Marquis, San Diego Ballroom C  
EAB/VRB; Basic Research

##### Stimulus Equivalence and Transfer of Functions: Basic and Translational Research

Chair: Julio C. De Rose (Universidade Federal de São Carlos)  
Discussant: Darlene E. Crone-Todd (Salem State University)

##### Class-Size Matters in Matching-to-Sample Performance But What About Eye-Movements?

STEFFEN HANSEN and Erik Arntzen (Oslo and Akershus University College)

##### Stimulus Equivalence and Transfer of Functions as Possible Bases of Aesthetic Experience

Alceu Regaço (Universidade Federal de São Carlos), MARCELO VITOR SILVEIRA (Universidade Federal do ABC), and Julio C. De Rose (Universidade Federal de São Carlos)

##### Transfer of Pain-Rating in a Five Point Likert Scale

JON MAGNUS EILERTSEN and Erik Arntzen (Oslo and Akershus University College)

##### Use of a Respondent-Type Training Procedure to Reduce Negative Racial Bias in Children

TÁHCITA MEDRADO MIZAEL, João Henrique de Almeida, and Julio C. De Rose (Universidade Federal de São Carlos)

#### #524 Symposium

4:00 pm–5:50 pm  
Manchester Grand Hyatt, Seaport Ballroom B  
EDC/AUT; Service Delivery  
BACB CE Offered. CE Instructor: Melanie Pellecchia, Ph.D.

##### Implementing Evidence-Based Practices for Autism in Public Schools: Barriers and Recommendations

Chair: Melanie Pellecchia (University of Pennsylvania)  
Discussant: David Mandell (University of Pennsylvania)

##### Examining Barriers to Implementation of Evidence-Based Practices in Schools Through the Eyes of Autism Support Teachers

DIANA COONEY, Zinnia Piotrowski, Max Seidman, Carolyn Cannuscio, and David Mandell (University of Pennsylvania)

##### Treatment Fidelity in a Randomized Clinical Trial of Classroom Pivotal Response Training

JANICE CHAN (University of California, San Diego), Allison B. Jobin (Rady Children’s Hospital San Diego), Jessica Suhrheinrich (University of California, San Diego), Sarah Reith (San Diego State University), and Aubyn Stahmer (University of California, Davis)

##### Paved With Good Intentions: The Challenges of Changing Teacher Behavior in Under-Resourced Schools

MELANIE PELLECCIA, Jessica Fishman, and David Mandell (University of Pennsylvania)

##### Recommendations for Behavior Analysts to Improve Consultation in Public Schools

ZINNIA PIOTROWSKI, Meghan Kane, and Briana Bronstein (University of Pennsylvania)

## #525 Panel Discussion

5:00 pm–5:50 pm  
Marriott Marquis, Marina Ballroom G  
CSS; Service Delivery  
BACB CE Offered. CE Instructor: Malika N. Pritchett, M.S.

### Face the Strange: The Role of Behavior Analysis in Promoting Civil Rights in America's Current Political Climate

REBECCA COPELL (University of Louisiana at Lafayette)  
SAMANTHA BUTLER (Visions ABA)  
MALIKA N. PRITCHETT (Positive Enlightenment)

## #526 Symposium

5:00 pm–5:50 pm  
Marriott Marquis, Marina Ballroom D  
CSS/PRA; Applied Research

### Sexual Behavior Delay Discounting Tasks and What They Can Teach Us

Chair: Jennifer Klapatch Totsch (National Louis University)  
Discussant: Jamine Dettmering (The Chicago School of Professional Psychology)

#### Sexy Time: Now, Later... Maybe?

ALBERT MALKIN (Southern Illinois University), Miriam Kim (ONTABA), Karl Gunnarsson (Southern Illinois University Carbondale), and Mark R. Dixon (Southern Illinois University)

## #527 Invited Presenter

5:00 pm–5:50 pm  
Manchester Grand Hyatt, Coronado Ballroom AB  
DEV  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Joanne K. Robbins, Ph.D.

### Why Children Need to Talk to Themselves: The Foundation of Reasoning and Questioning

Chair: R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

JOANNE K. ROBBINS (Morningside Academy)



Joanne Robbins is principal and associate director of Morningside Academy, Seattle, Washington, and co-founder of Partnerships for Educational Excellence and Research (PEER), International. Her contributions in program development, curriculum design, teaching, and supervision were initially guided by Susan Markle, Philip Tiemann, and Herb Walberg. As Principal at Morningside Academy for more than twenty years, she has participated with her colleague Kent Johnson, fine faculty and staff, and hundreds of children and their families in the creation, modification, implementation, and assessment of effective and efficient instruction. As Executive Director of PEER International, Joanne helped create an international team that assists numerous township primary schools and high schools in South Africa. She is the author of *Learn to Reason with TAPS: a Talk Aloud Problem Solving Approach*, which is being translated into Italian, Hebrew, Spanish, and Portuguese. She is co-author of *Fluent Thinking Skills: A Generative Approach*. A local community advocate, she served as co-chairperson of the Superintendent's Positive Climate and Discipline Advisory Committee for Seattle Public Schools.

**Abstract:** When we set out to educate the whole child, we must design academic goals, provide instruction in self-management and self-instruction, teach problem solving, and promote expansion of the child's community of reinforcers (Greer, 2002). Often overlooked, but essential to each of these facets of instruction is the use of self-dialogue. Children talk to themselves at an early age in environments that recruit problem solving; self-dialogue occurs naturally (Berk, 1994). However, in the school environment the effective use of self-dialogue, which is essential to the development of reasoning skills, must often be taught. This is particularly true for children with special needs. This presentation will describe the need, and effective procedures for establishing reasoning skills. Two strategies presented include Talk Aloud Problem Solving (TAPS) and Question Generating. When equipped with these repertoires learners can tackle a range of academic and social problems that may otherwise occasion avoidance. A healthy educational environment fosters talking out loud, provides challenging problems, and values self-instruction.

## #528 Symposium

5:00 pm–5:50 pm  
Marriott Marquis, San Diego Ballroom A  
EAB; Basic Research

### Some Current Directions in the Analysis of the Recurrence of Behavior

Chair: Michael Steele Yench (West Virginia University)

#### The Role of Immediate Reinforcement History on Resurgence

ANTHONY OLIVER and Kennon Andy Lattal (West Virginia University)

#### Effects of Instructions and Dense Versus Lean Alternative Reinforcement on Resurgence

HYPATIA A. BOLIVAR, David J. Cox, and Jesse Dallery (University of Florida)

#### Resurgence in a Multi-Response Task After Continuous Reinforcement in Between-Session and Within-Session Designs

MONICA VANDBAKK (Norwegian Association for Behavior Analysis; Oslo and Akershus University College) and Iver H. Iversen (University of North Florida)

## #529 Symposium

### Supervision

5:00 pm–5:50 pm  
Manchester Grand Hyatt, Harbor Ballroom G  
EDC; Service Delivery  
BACB CE Offered. CE Instructor: Len Levin, Ph.D.

### An Experimental Analysis of Effective Supervision: How to Increase Instructional Accuracy and Feedback During Teacher Training and Supervision

Chair: Lynn Yuan (Verbal Behavior Associates)  
Discussant: Len Levin (Coyne & Associates)

#### The Effects of Observing Others Versus Self-Observation on Teacher Accuracy in Presenting Learn Unit Instruction

ELIZABETH HOWARTH (Verbal Behavior Associates) and R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

#### The Effects of a Group Yoked-Contingency Intervention on Increasing the Amount of Teacher Performance Rate and Accuracy Scale Feedback From Clinical Managers During Direct Supervision Sessions

Matthew C. Howarth, Crystal Lo, and CATHERINE E. POPE (Verbal Behavior Associates)

## #530 Panel Discussion

5:00 pm–5:50 pm  
Marriott Marquis, Rancho Santa Fe 1-3  
PCH; Theory  
BACB CE Offered. CE Instructor: Kenya Velazquez, Ph.D.

### Level Up: A Further Analysis of Pokemon Go and "Gaming"

Chair: Sara Garbarini (David Gregory School)

KENYA VELAZQUEZ (Centro Altum)  
JESSICA FERNANDEZ (Fit Learning, Aptos)  
KALLE M. LAITINEN (Fit Learning, Aptos)

## #531 Panel Discussion

5:00 pm–5:50 pm  
Manchester Grand Hyatt, Seaport Ballroom DE  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: Noelle Neault, Ph.D.

### Diversity Training for Behavior Analysts

Chair: Noelle Neault (Simmons College)

CHRISTINA BAROSKY (Bierman ABA)  
ERIN ROTHERAM-FULLER (Arizona State University)  
HEATHER PAMULA NEAL (Bierman ABA)



**#532 Symposium****Ethics**

5:00 pm–5:50 pm  
 Manchester Grand Hyatt, Seaport Ballroom A  
 PRA; Service Delivery  
 BACB CE Offered. CE Instructor: Susan Wilczynski, Ph.D.

**Help! What To Do When Reality and the Ethical Code Conflict**  
 Chair: Susan Wilczynski (Ball State University)

**Help! What to do When Reality and the Ethical Code Conflict: Business Owners' Perspective**  
 ANN M. BALOSKI (BehaviorWorks ABA)

**Help! What To Do When Reality and the Ethical Code Conflict: Board Certified Behavior Analyst Perspective**  
 MOLLY QUINN (BehaviorWorks ABA)

**Help! What To Do When Reality and the Ethical Code Conflict: Registered Behavior Technician Perspective**  
 AMANDA HENDERSON (Ball State University)

**#533 Symposium**

5:00 pm–5:50 pm  
 Manchester Grand Hyatt, Seaport Ballroom C  
 PRA/AUT; Applied Research  
 BACB CE Offered. CE Instructor: Alyssa N. Wilson, Ph.D.

**Emerging Research on Acceptance and Commitment Therapy for Behavior Analysts**  
 Chair: Alyssa N. Wilson (Saint Louis University)  
 Discussant: Adam DeLine Hahs (Arizona State University)

**Using Acceptance and Commitment Therapy at School With Children and Adolescents With Autism and Emotional Challenges**  
 JAMIE DEVILLEZ, Alyssa N. Wilson, and Emily Dzugan (Saint Louis University)

**Interpreting Values as Choice Allocation, Hierarchical Verbal Relations, and a Pragmatic Tool for Intervention**  
 DANA PALILIUNAS, Jordan Belisle, and Mark R. Dixon (Southern Illinois University)

**#534 B. F. Skinner Lecture Series**

5:00 pm–5:50 pm  
 Marriott Marquis, San Diego Ballroom B  
 SCI  
 PSY/BACB/QABA/NASP CE Offered. CE Instructor: Cynthia J. Pietras, Ph.D.

**The Dragons of Inaction: Psychological Barriers that Limit Pro-Environmental Behavior**  
 Chair: Cynthia J. Pietras (Western Michigan University)

ROBERT GIFFORD (University of Victoria)



Robert Gifford is an environmental psychologist who is professor of psychology and Environmental Studies at the University of Victoria. He is a Fellow of the American Psychological Association, the Canadian Psychological Association, and the Association for Psychological Science, and is the recipient of career awards from the Environmental Design Research Association and Division 34 of APA, and for the International Advancement of Psychology from CPA. Professor Gifford is the author of over 140 refereed publications and book chapters, five editions of *Environmental Psychology: Principles and Practice* (5th edition 2014), and edited *Research Methods for Environmental Psychology* (2016). He was chief editor of the *Journal of Environmental Psychology* for 13 years and served as president of the Environmental Psychology division of the International Association of Applied Psychology, APA's Population and Environment Division, and CPA's environmental section. He is the founding director of the University of Victoria's Interdisciplinary Program in the Human Dimensions of Climate Change, and the lead author, British Columbia, for the forthcoming national report: *Canada in a Changing Climate: Advancing our Knowledge for Action*.

**Abstract:** Most people think climate change and sustainability as important problems, but too few individuals engage in mitigating behavior to stem destruction of the natural environment. Why is that? Structural barriers are part of the answer, but psychological barriers also impede behavioral choices that would facilitate climate change mitigation, adaptation, and environmental sustainability. Many individuals are engaged in some ameliorative action, but most could do more. They are hindered by seven categories of psychological barriers that include 40 particular barriers, known as the “dragons of inaction.” These include limited cognition, ideological worldviews, social constraints, sunk costs, discredence, perceived risks of change, tokenism, and rebound effects. Structural barriers must be removed wherever possible, but this is unlikely to be sufficient. Psychologists must work with other scientists, technical experts, and policymakers to help citizens overcome these psychological barriers.

**#535 Special Event****Recorded**

6:00 pm–6:50 pm  
 Marriott Marquis, Grand Ballroom 7-13  
 OTH  
 PSY/BACB/QABA/NASP CE Offered. CE Instructor: Mark A. Mattaini, Ph.D.

**Presidential Address: Out of the Lab: Shaping an Ecological Cultural Science**  
 Chair: Michael J. Dougher (University of New Mexico)

MARK A. MATTAINI (Jane Addams College of Social Work-University of Illinois at Chicago)



Mark Mattaini, DSW, ACSW, holds an emeritus appointment at Jane Addams College of Social Work, University of Illinois at Chicago (UIC), where he was previously director of the doctoral program. He has developed, implemented, and researched behavioral strategies for individual, family, organizational, community and policy level interventions in the US, Canada, and Latin America, increasingly emphasizing advocacy, accompaniment, and activism in recent years. Consistent with that emphasis, his recent scholarship has focused on nonviolent action supporting social justice, and behavioral systems science at the cultural level. He is a research affiliate

of the UIC Center for Research on Violence, and has chaired 25 dissertations related to responses to social issues. Most of his Ph.D. graduates are engaged in research and practice with marginalized populations, including those victimized by—and perpetrating—violence, and in developing evidence-guided supports for young people experiencing homelessness and social exclusion. Dr. Mattaini is author or editor of 13 books, two of the most recent being *Strategic Nonviolent Power: The Science of Satyagraha*, and *Leadership for Cultural Change: Managing Future Well-Being*, as well as numerous other publications. Editor of the interdisciplinary journal *Behavior and Social Issues*, Dr. Mattaini has served on the editorial boards of multiple journals in behavior analysis and social work. ABAI Convention Program Board Coordinator from 2013–2017, he has also been a long-time member of the Board of Planners for Behaviorists for Social Responsibility, the oldest ABAI SIG.

**Abstract:** Contemporary societies face critical, interlocking, “wicked” challenges, including economic inequities and marginalization, personal and collective violence, ethnic and religious struggles, degradation of “the commons,” and climate change. Since Skinner’s work in *Walden Two* and *Science and Human Behavior*, and especially since his *Selection by Consequences* in 1981, behavior science has explored the selection of cultural practices and processes, arguing that our science should offer unique potential for contributing to constructing just, satisfying, and sustainable societies. Cultural phenomena demonstrate high levels of complexity, however, while much of current cultural analytic scholarship by contrast remains relatively rudimentary. Current work typically is grounded in isolated laboratory experimentation structuring brief encounters with strangers, amputated from context and history; efforts to specify and negotiate consensus on terminology relying on analogues with operant processes; and post-hoc conceptual interpretations. We can do more (and different). Transdisciplinary work is crucially important for realistic intervention in cultural arenas, but our disciplinary partners also often operate from models that seriously oversimplify cultural processes (most public health interventions, for example, actually target individual behavior). Certainly a comprehensive and effective cultural science can only emerge within the natural science commitment that has always characterized behavior analytic science, grounded in contemporary selectionist frameworks, in partnership with other disciplines. There are however serious limitations in the standard formulations of our own and related sciences. Recent research argues that selection by consequences can account for only some, and in some cases the smaller part, of genetic, behavioral, and cultural changes. Recent advances in complexity science, dynamical systems theory (including self-organization and emergence processes), and non-Darwinian evolution can help, but behavior scientists have only begun to integrate such work. Most such advances have come at the basic level, with the exception of some recent organizational behavior management research. Something more is required to shape a cultural analytic science powerful and broad enough to address major societal challenges. In this presentation, the author will suggest that a framework integrating elements of the natural science of ecology and contemporary developments in systems science and complexity theories may be of particular value for expanding our science. Exemplars from recent field work, our own and that of others, will be presented within an ecological framework first outlined by Marston Bates, with particular attention to the potential of such a strategic direction to augment current behavioral systems science. Ecological science as outlined by Bates is highly recursive, integrating multiple transactional iterations of (a) rigorous observations of phenomenon of interest within their complex natural contexts, (b) the shaping of “conceptual schemes” emerging from those observations, tested against existing knowledge, and (c) (initially modest) experiments conducted under typical conditions in natural settings, designed in response to those observations and theoretical propositions, all (d) facilitated by the development of new measurement and analytic tools required throughout the cycle. Several such analytic tools and strategies, including statistical and neural network clustering, visual analyses including of dynamical systems, applications of matching and evolutionary dynamics, behavioral economics applications, and adequate preparation for use of rigorous statistical methods consistent with our science will be emphasized and integrated throughout.

### #535a Special Event

7:00 pm–8:30 pm  
Manchester Grand Hyatt, Seaport Ballroom DE

**Dialogue Session: Addressing Diversity and Respect in Behavior Analysis**

### #536 Special Event

8:00 pm–12:00 am  
Manchester Grand Hyatt, Grand Hall A

#### **ABAI Social**

Chair: Michael J. Dougher (University of New Mexico)

Join your friends and colleagues for one last night of music, dancing, celebration and shenanigans! Silliness will be encouraged as we bring back the annual photo booth and costumes!

## Local Attractions

### SHOPPING

#### **Gaslamp Quarter**

Shopping, dining, and nightlife with 1880s flair.  
[www.gaslamp.org](http://www.gaslamp.org)

#### **Old Town Market**

Unique stores, artwork, and free historic storytelling.  
[www.oldtownmarketsandiego.com](http://www.oldtownmarketsandiego.com)

#### **Seaport Village**

Diverse shops, restaurants, and outdoor entertainment.  
[www.oldtownmarketsandiego.com](http://www.oldtownmarketsandiego.com)

### MUSEUMS

#### **Maritime Museum of San Diego**

One of the world's finest collections of historic ships.  
<https://sdmaritime.org>

#### **Museum of Contemporary Art**

Large collection of art in two locations.  
[www.mcasd.org](http://www.mcasd.org)

#### **USS Midway Museum**

Climb-in aircraft, flight simulators, concerts, and fireworks.  
[www.midway.org](http://www.midway.org)

### PARKS

#### **Balboa Park**

Museums, gardens, the San Diego Zoo, and the Spanish Village Art Center, with live painting and classes.  
[www.balboapark.org](http://www.balboapark.org)

#### **San Diego Botanic Garden**

Four miles of garden trails.  
[www.sdbgarden.org](http://www.sdbgarden.org)

#### **Torrey Pines State Natural Reserve**

Coastal wilderness of pine forests and sandstone canyons with views of the Pacific Ocean.  
<https://torreypine.org>

### RESTAURANTS

#### **Puesto (~.2 miles away)**

Innovative, locally sourced Mexican cuisine. Open for lunch and dinner.  
[eatpuesto.com](http://eatpuesto.com)

#### **Café 222 (~.2 miles away)**

Quirky American cuisine; open for breakfast and lunch.  
<http://cafe222.com>

#### **Morton's The Steakhouse (~.3 miles away)**

Beef, fish, and seafood; open for dinner.  
[www.mortons.com/sandiego](http://www.mortons.com/sandiego)

#### **Richard Walker's Pancake House (~.3 miles away)**

Griddlecakes, crepes, omelets, and more; open for breakfast and lunch.  
<https://richardwalkers.com/locations/san-diego>

#### **San Diego Pier Café (~.7 miles away)**

Bay views; seafood; open for lunch and dinner.  
[www.piercafe.com](http://www.piercafe.com)

# SAVE THE DATE!

## SAN FRANCISCO



## 13th Annual Autism Conference

## January 18–20

## Hyatt Regency San Francisco

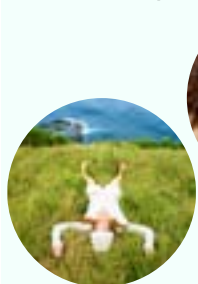
# How is Your QOWL?

## Positive Behavior Supports Corporation

PBS Corp. is the premier provider in delivering in-home ABA services. We provide individualized services for those with autism and related disabilities, children and adults, to assist with decreasing challenging behaviors and increasing appropriate behaviors and skill deficits. Our programs are designed to empower caregivers and others involved in the individuals' lives to support them within their natural routines so they can be successful and self-sufficient. We provide service across the states of California, Florida, Hawaii, Kansas, Maryland, Massachusetts, Michigan, New Jersey, North Carolina, Oregon, Texas, and Washington in home, school, and community environments.

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- No Non-Compete to Sign
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- Professional Advancements and Opportunities Lead Analyst
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- Ability to earn indirect hours paid by PBS Corp.



- Quality of work life bonuses
- Flexibility to work when and where you want
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- Custom built technology platform to ease work processes



#### ABA Student Benefits

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- Opportunities for professional development
- Technologically advanced client management system
- Paid weekly
- Analyst mentorship opportunities
- PBS sponsors first BACB board exam fee
- Provides ABA textbook for board exam preparation
- Supervision hours provided by certified analyst
- Organized study groups



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- Electronic Behavior Plan with Individualized Feedback Systems to develop highest quality plans
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The objective of this single track, one-day seminar is to provide an event catered to ABAI's practitioner membership that will provide training in an area considered to be cutting-edge by many researchers in applied behavior analysis today.

## **ACCEPTANCE AND COMMITMENT THERAPY FOR APPLIED BEHAVIOR ANALYSIS SEMINAR**

SAN DIEGO, CA

MAY 29, 2018

MANCHESTER GRAND HYATT SAN DIEGO





## Program Committee

Jonathan J. Tarbox

## Schedule

All sessions will take place in the Manchester Grand Hyatt, Harbor Ballroom ABC.

Time	Speaker
8:50 am–9:00 am	<b>Opening Remarks</b> Jonathan J. Tarbox
9:50 am–10:40 am	<b>Integrating ACT and its Underlying Model into Mainstream Behavior Analysis</b> Steven C. Hayes
11:00 am–11:50 am	<b>On the Role of Acceptance and Commitment Training for Adolescents and Adults With Developmental Disorders</b> Ruth Anne Rehfeldt
12:00 pm–1:00 pm	Break
1:00 pm–1:50 pm	<b>Acceptance and Commitment Therapy for Obsessive Compulsive and Related Disorders</b> Mike P. Twohig
2:00 pm–2:50 pm	<b>ACT for Children With Autism and the Caregivers That Support Them</b> Mark R. Dixon
3:00 pm–3:50 pm	<b>An Expansive View of Behavior Analysis</b> Anthony Biglan
4:00 pm–4:50 pm	<b>Panel Discussion on ACT Scope of Practice Within Mainstream Applied Behavior Analysis</b> Anthony Biglan, Mark R. Dixon, Steven C. Hayes, Ruth Anne Rehfeldt, and Michael P. Twohig
4:50 pm–5:00 pm	<b>Closing Remarks</b> Jonathan J. Tarbox

### # 1 Special Event

8:50 am–9:00 am  
Manchester Grand Hyatt, Harbor Ballroom ABC

#### Opening Remarks

Chair: Jonathan J. Tarbox (University of Southern California; FirstSteps for Kids)

Opening remarks from Program Chair Jonathan Tarbox.

### # 2 Invited Presenter

9:00 am–10:40 am  
Manchester Grand Hyatt, Harbor Ballroom ABC  
PSY/BACB/QABA/NASP CE Offered. CE Instructor: Steven C. Hayes, Ph.D.

#### Integrating ACT and its Underlying Model into Mainstream Behavior Analysis

Chair: Jonathan J. Tarbox (University of Southern California; FirstSteps for Kids)

STEVEN C. HAYES (University of Nevada, Reno)



Dr. Hayes received his Ph.D. from West Virginia University and currently serves as professor in the behavior analysis program in the Department of Psychology at the University of Nevada, Reno. Dr. Hayes has a record of voluminous research and substantial impact, within behavior analysis and beyond, with 43 books and more than 600 publications. He is one of only three behavior analysts in the world with an h-index above 100 in Google Scholar ([www.webometrics.info/en/node/58](http://www.webometrics.info/en/node/58)). He is the principal developer of relational frame theory and acceptance and commitment therapy, highly influential behavior analytic approaches to language and cognition, and evidence-based

intervention, respectively, that have generated considerable research and achieved widespread adoption. Dr. Hayes's contributions to teaching and service have also been exemplary. He served as department chair at UNR, and with Linda Hayes launched the behavior analysis program there. Dr. Hayes has held many influential service (e.g., president of Division 25, the Association for Contextual Behavioral Science, and the Association for Behavioral and Cognitive Therapies) and editorial (e.g., associate editor of *Journal of Applied Behavior Analysis*) positions, and has received numerous awards for his work (e.g., the SABA Awards for International Dissemination of Behavior Analysis and the Impact of Science on Application, the APA Don Hake Award, and the Lifetime Achievement Award from ABCT). His contributions span philosophical, methodological, basic, and applied domains with remarkable breadth and depth.

**Abstract:** Acceptance and Commitment Training (ACT) is a training-based version of a psychotherapeutic approach with the same acronym that is based on the assumptions, models, and principles of a contemporary off-shoot of mainstream behavior analysis: Contextual Behavioral Science (CBS). CBS can best be thought of as behavior analysis as it appears following the full integrations of Relational Frame Theory (RFT) into the set of behavioral principles used by behavior analysts to conduct functional analyses and to extend those into analytic-abstract theories within a domain. The present talk will briefly describe the history of ACT and its underlying applied and basic model. It is my general argument that literally everything in CBS is a direct extension of behavior analysis viewed as the scientific and professional tradition established by B. F. Skinner, that is, as a field that is functional and contextual in its assumptions, embracing evolution science as the umbrella covering the life sciences, and that is anti-mechanistic and reductionistic. Not everyone views behavior analysis in a way that is consistent with these Skinnerian ideas, but for those who do, I argue that there is no reason not to use ACT, RFT, and the underlying applied model of human behavioral functioning, the Psychological Flexibility Model, as a basis for behavior analytic research and practice. In this talk I will give a sense of the findings from the now vast set of studies on these topics (the number likely exceeds 2,000, depending on how the line is drawn). I will show that ACT and its underlying basic and applied model is already known to impact many of the key concerns faced by practicing behavior analysts, and I will argue that it allows behavior analysts to address the role of private events and verbal relations in ways that are non-mentalistic, understandable to others, helpful to outcomes, and within the scope of practice of BCBAa.

### # 3 Invited Presenter

11:00 am–11:50 am

Manchester Grand Hyatt, Harbor Ballroom ABC

PSY/BACB/QABA/NASP CE Offered. CE Instructor: Ruth Anne Rehfeldt, Ph.D.

#### On the Role of Acceptance and Commitment Training for Adolescents and Adults With Developmental Disorders

Chair: Thomas G. Szabo (Florida Institute of Technology)

RUTH ANNE REHFELDT (Southern Illinois University)



Dr. Ruth Anne Rehfeldt is a professor in the rehabilitation services undergraduate program and an affiliated faculty in the Behavior Analysis and Therapy program. She holds a Ph.D. (1998) and MA (1995) from the Behavior Analysis Program (in Psychology) at the University of Nevada, and a BA (1993) in psychology from the University of Puget Sound. She is also a Board Certified Behavior Analyst at the doctoral level. Dr. Rehfeldt has taught undergraduate and graduate courses in research methods, behavioral assessment, principles of behavior, introduction to behavior analysis, verbal behavior, and radical behaviorism. Dr. Rehfeldt has authored nearly 100 articles and book chapters, primarily in the areas of derived stimulus relations and verbal behavior. Dr. Rehfeldt has served as the editor of *The Psychological Record* for 12 years and has been an editorial board member for a number of behavior analytic journals over the years. She has co-edited one textbook with Yvonne Barnes-Holmes, entitled *Derived Relational Responding: Applications for Learners with Autism and Other Developmental Disabilities: A Progressive Guide to Change*, and is currently co-editing a textbook tentatively entitled, *Applied Behavior Analysis of Language and Cognition*, with Mitch Fryling, Jonathan Tarbox, and Linda Hayes.

**Abstract:** Behavior analysts receive little formal training for intervening with their clients' private, internal experiences, yet because many behavior analysts work with highly verbal clinical populations as well as parents and staff, there are good reasons that a technology for addressing internal experiences by these professionals is in order. This presentation will provide a justification for the implementation of Acceptance and Commitment Training with individuals with mild developmental disorders, including autism spectrum disorder and intellectual disability. This justification will extend to direct-care staff providing direct services to these populations. Highlighted will be recent research on the use of ACT in conjunction with interventions based on applied behavior analysis. Studies using components of ACT in conjunction with behavioral skills training will be discussed, as will studies that have evaluated the efficacy of components of ACT in increasing the engagement of direct care staff with their clients with severe developmental disorders. The presentation will underscore the importance of the discipline's adoption of ACT as a technology for intervening on private events and enhancing committed actions.

### # 4 Invited Presenter

1:00 pm–1:50 pm

Manchester Grand Hyatt, Harbor Ballroom ABC

PSY/BACB/QABA/NASP CE Offered. CE Instructor: Mike P. Twohig, Ph.D.

#### Acceptance and Commitment Therapy for Obsessive Compulsive and Related Disorders

Chair: Emily Kennison Sandoz (University of Louisiana at Lafayette)

MIKE P. TWOHIG (Utah State University)



Michael P. Twohig, Ph.D. is a licensed psychologist in the state of Utah and a Professor of Psychology at Utah State University. He received his BA and MS from the University of Wisconsin-Milwaukee, his Ph.D. from the University of Nevada, Reno, and completed his clinical internship at the University of British Columbia Hospital. He is past-President of the Association of Contextual Behavioral Science, the organization most associated with Acceptance and Commitment Therapy (ACT). His research focuses on the use of ACT across a variety of clinical presentations with an emphasis on obsessive compulsive and related disorders. He has published over 100 peer-reviewed articles and two books: *An ACT-Enhanced Behavior Therapy approach to the Treatment of Trichotillomania* (with Woods) and *ACT Verbatim for Depression and Anxiety* (with Hayes). His research has been funded through multiple sources including the National Institute of Mental Health.

**Abstract:** Effective treatments exist for obsessive compulsive and related disorders. Still, these interventions are not effective for all. A team of researchers has been looking at the effectiveness of acceptance and commitment therapy (ACT), alone or in conjunction with other traditional behavioral procedures, as a unified treatment for obsessive compulsive and related disorders. To date there have been multiple smaller studies and randomized clinical trials of ACT for obsessive compulsive disorder as well as excoriation disorder (skin picking), trichotillomania (hair pulling), and compulsive pornography viewing. This presentation will offer a specific conceptualization of obsessive compulsive and related disorders that focuses on their relationships to experiential avoidance and psychological inflexibility. The outcomes of pertinent studies will be covered. Finally, a few clinical examples of its use will be offered.

### # 5 Invited Presenter

2:00 pm–2:50 pm

Manchester Grand Hyatt, Harbor Ballroom ABC

PSY/BACB/QABA/NASP CE Offered. CE Instructor: Mark R. Dixon, Ph.D.

#### ACT for Children With Autism and the Caregivers That Support Them

Chair: John O'Neill (Contextual Behavioral Science Institute)

MARK R. DIXON (Southern Illinois University)



Dr. Mark R. Dixon, BCBA-D, is professor and coordinator of the Behavior Analysis and Therapy Program at Southern Illinois University. His interests include the study of complex verbal behavior, gambling addiction, and organizational behavior management. Mark has published 10 books and over 200 peer reviewed journal articles. He has served as editor of *Behavior Analysis in Practice* and *The Analysis of Verbal Behavior*, associate editor for *Journal of Applied Behavior Analysis* and *Journal of Organizational Behavior Management*, and a reviewer for over 20 non-behavioral journals. Dr. Dixon has generated over 2.5 million dollars in funding to infuse behavior analysis within local schools and treatment facilities, and create a behavioral therapy clinic for persons suffering from autism and related conditions. Mark's research and/or expert opinions have been featured in *Newsweek*, *Time*, *The New York Times*, National Public Radio, *This American Life*, *Bill Nye Saves the World*, a *New York Times* best seller, and regional affiliates of ABC, CBS, and PBS.

**Abstract:** Mark Dixon will take the attendees on a journey into the fascinating world of Acceptance and Commitment Therapy and how to apply it to children with autism as well as their caregivers. The presentation will showcase the data, treatments, and outcomes from a variety of research studies and trace the history of these data back to a tiny school in rural Illinois that did the unexpected 'rebuilt itself from the ground up with ACT serving as its foundational core. At this school, students and staff start each morning with group ACT activities and practice the therapeutic techniques throughout the entire school day. A growing number of replication sites have started, and the outcomes have been dramatic. Higher GPAs, better attendance, and a feeling of belonging in children that have struggled for years. Caregiver changes have included increased positive interactions with clients, improved accuracy in running ABA treatment programs, less reported work stress, and improved parental acceptance of their child's disability. Dr. Dixon will discuss all aspects of these amazingly novel applications for ACT, including parent, staff and administration buy-in, training for personnel, student progress monitoring, and clinical outcomes.

### # 6 Invited Presenter

3:00 pm–3:50 pm

Manchester Grand Hyatt, Harbor Ballroom ABC

PSY/BACB/QABA/NASP CE Offered. CE Instructor: Anthony Biglan, Ph.D.

#### An Expansive View of Behavior Analysis

Chair: Alyssa N. Wilson (Saint Louis University)

ANTHONY BIGLAN (Oregon Research Institute)



Anthony Biglan, Ph.D., is a Senior Scientist at Oregon Research Institute. He is the author of *The Nurture Effect: How the Science of Human Behavior Can Improve our Lives and Our World*. Dr. Biglan has been conducting research on the development and prevention of child and adolescent problem behavior for the past 30 years. His work has included studies of the risk and protective factors associated with tobacco, alcohol, and other drug use; high-risk sexual behavior; and antisocial behavior. He has conducted numerous experimental evaluations of interventions to prevent tobacco use both through school-based programs and community-wide interventions. And, he has evaluated interventions to prevent high-risk sexual behavior, antisocial behavior, and reading failure. In recent years, his work has shifted to more comprehensive interventions that have the potential to prevent the entire range of child and adolescent problems. He and colleagues at the Center for Advanced Study in the Behavioral Sciences published a book summarizing the epidemiology, cost, etiology, prevention, and treatment of youth with multiple problems (Biglan et al., 2004). He is a former president of the Society for Prevention Research. He was a member of the Institute of Medicine Committee on Prevention, which released its report in 2009 documenting numerous evidence-based preventive interventions that can prevent multiple problems. As a member of Oregon's Alcohol and Drug Policy Commission, he is helping to develop a strategic plan for implementing comprehensive evidence-based interventions throughout Oregon. Information about Dr. Biglan's publications can be found at [http://www.ori.org/scientists/anthony\\_biglan](http://www.ori.org/scientists/anthony_biglan).

**Abstract:** If our ultimate goal is contributing to the wellbeing of humans, we must achieve a behavioral science that is adequate to addressing the many important problems that threaten human wellbeing in the 21st Century. For this reason, we need a more expansive vision of behavior analysis. Skinner's original vision argued that a science of human behavior could account for and indeed, enable us to



influence every aspect of human behavior. However, to an extent, behavior analysts have tended to restrict their attention to theoretical and methodological principles that are clearly derived from behavior analysis. Research and practice that was not clearly labeled as “behavior analytic” has tended to be excluded from the repertoire of behavior analysts. Although behavior analysis has made great contributions in some areas, other areas have had little attention until recently. In this talk I will argue that the stance that would be most in keeping with Skinner’s vision of a science of human behavior that is adequate to addressing every aspect of human behavior, would be one in which behavior analysts embrace any empirical evidence about human behavior that is reliable and replicable, while at the same time focusing on how that evidence contributes to the goal of prediction and influence. Our question should be “Does it work?” not whether it is behavior analytic. This stance would bring into the purview of behavior analysts many areas of behavioral science that ironically would not exist without the seminal contribution of Skinner and other behavior analysts. Among these are clinical interventions, research on relational framing, behavioral medicine, and prevention science.

#### # 7 Invited Panel

---

4:00 pm–4:50 pm

Manchester Grand Hyatt, Harbor Ballroom ABC

PSY/BACB/QABA/NASP CE Offered. CE Instructor: Evelyn R. Gould, Ph.D.

#### **Panel Discussion on ACT Scope of Practice Within Mainstream Applied Behavior Analysis**

Chair: Evelyn R. Gould (FirstSteps for Kids, Inc.)

ANTHONY BIGLAN (Oregon Research Institute)

MARK R. DIXON (Southern Illinois University)

STEVEN C. HAYES (University of Nevada, Reno)

RUTH ANNE REHFELDT (Southern Illinois University)

MICHAEL P. TWOHIG (Utah State University)

**Abstract:** Acceptance and commitment therapy (ACT) was originally developed as a behavior analytic approach to psychotherapy, and is now supported by over 200 randomized controlled trials. However, over the last decade, interest in ACT has been spreading within mainstream applied behavior analysis (ABA). In addition, research on applications of ACT within ABA has been expanding dramatically in recent years, providing examples of how ACT can be practiced while also staying fully within the scope of practice of Board Certified Behavior Analysts (BCBAs). This panel discussion directly addresses the issue of scope of practice, with the aim of clarifying the boundaries of how ACT can be used within applied behavior analysis, as opposed to clinical psychology and other disciplines that require separate licensures to practice. The panel will be chaired by Dr. Evelyn Gould and the panelists include Drs. Tony Biglan, Mark Dixon, Steven Hayes, Ruth Anne Rehfeldt, and Michael Twohig. The panelists represent a wide range of past and current behavioral journal editors in chief, book authors, and leading researchers on ACT applications within ABA.

#### # 8 Special Event

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4:50 pm–5:00 pm

Manchester Grand Hyatt, Harbor Ballroom ABC

#### **Closing Remarks**

Chair: Jonathan J. Tarbox (University of Southern California; FirstSteps for Kids)

Closing remarks from Program Chair Jonathan Tarbox.

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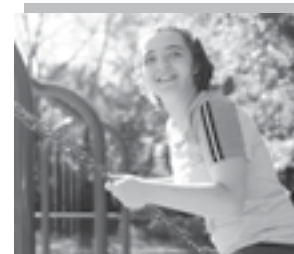
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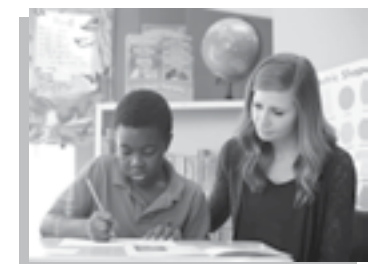
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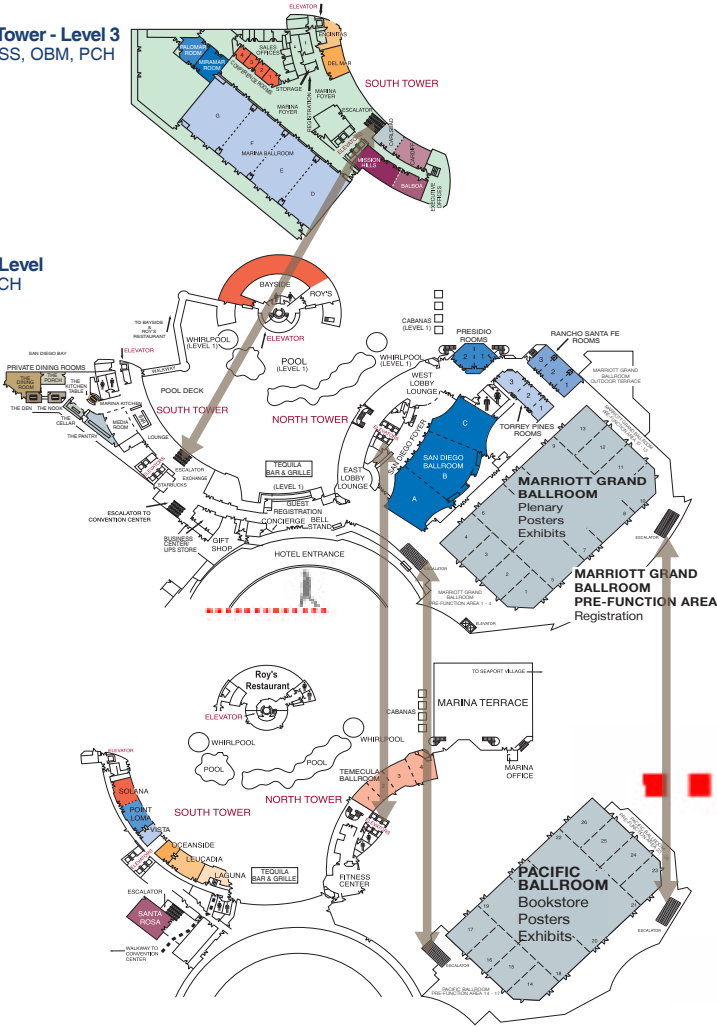
Hotels Map

Marriott Marquis

South Tower - Level 3  
AAB, CSS, OBM, PCH

Lobby Level  
EAB, PCH

Level 1



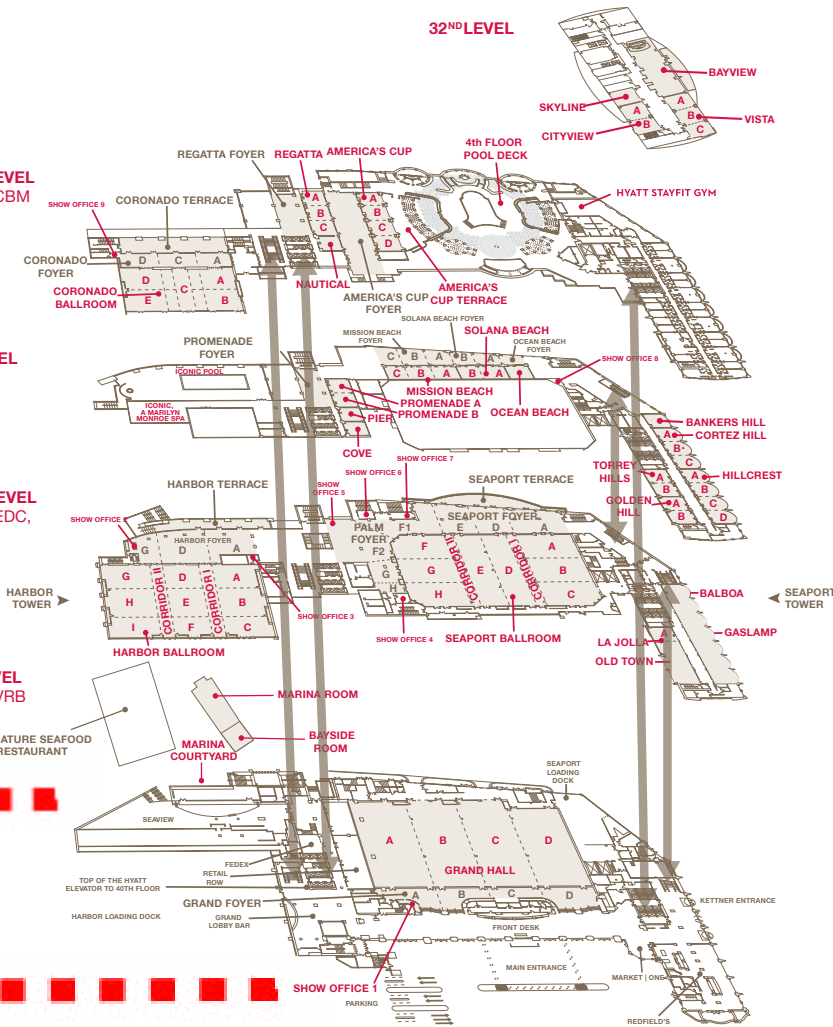
Manchester Grand Hyatt

FOURTH LEVEL  
DEV, EDC, CBM

THIRD LEVEL

SECOND LEVEL  
AUT, DDA, EDC,  
PRA, TBA

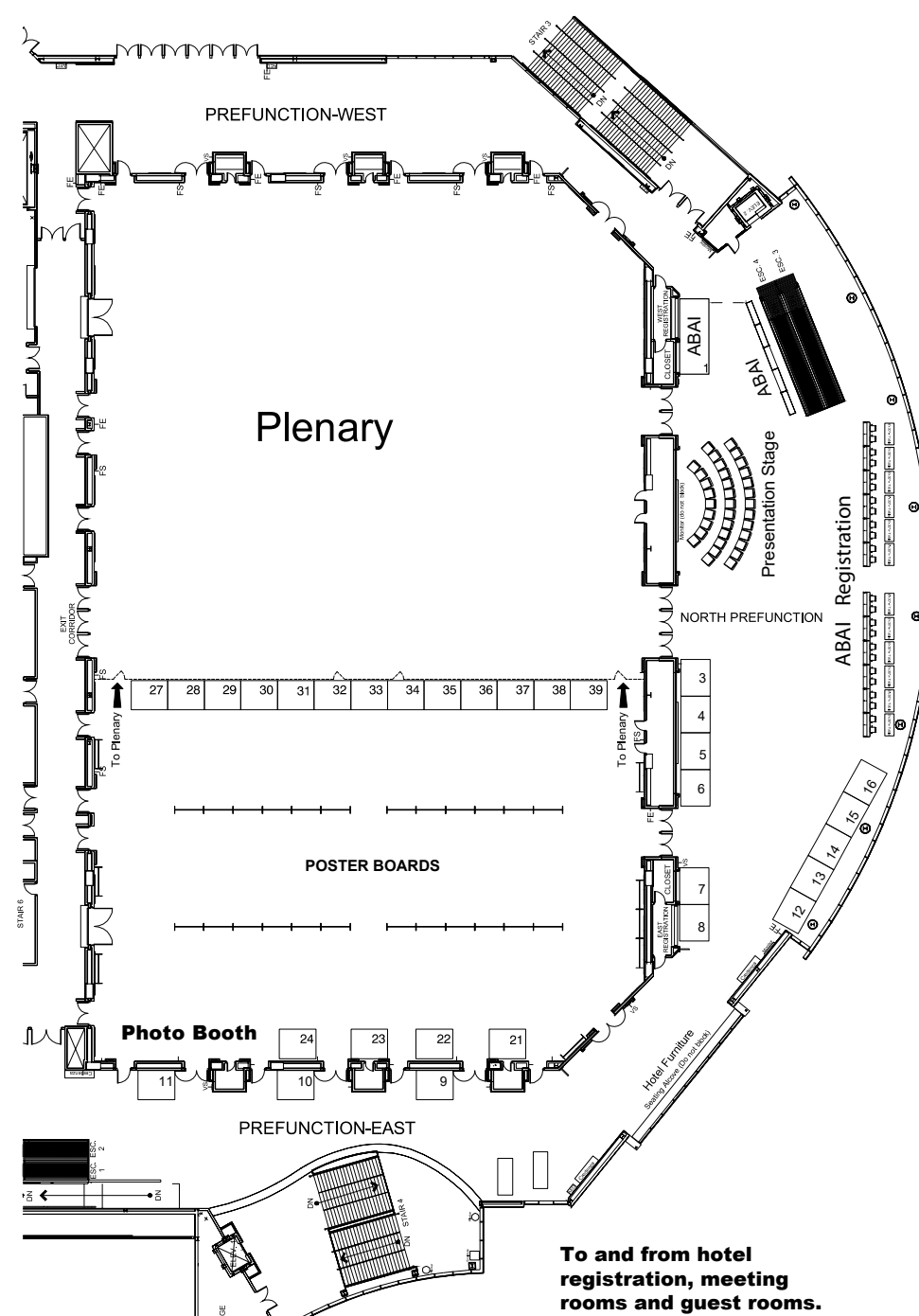
LOBBY LEVEL  
AUT, DDA, VRB



## 360



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Personal Planner

	Thursday	Friday	Saturday	Sunday	Monday
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