

# DENVER2017



43rd Annual Convention

Thursday, May 25 to  
Monday, May 29, 2017

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.





## MAKING PROFOUND, POSITIVE DIFFERENCES IN PEOPLE'S LIVES EVERY DAY.

### Join Our Team in Beautiful Northern California

It's an exciting time to join Easterseals Bay Area. We're an innovative and caring team who are helping to transform the industry and expand access to behavioral health services for individuals with developmental disabilities.

Easterseals Bay Area is a leader in providing comprehensive, evidence-based evaluation and treatment for individuals from birth through young adulthood, diagnosed with autism spectrum disorder (ASD).

### Open Clinical Positions

**Clinical Managers** – BCBA or Licensed individuals who provide behavior analytic services and program supervision for individuals with ASD. This includes the development of individualized ABA programs, and management of Program Supervisors and their direct reports.

**Program Supervisors** – Supervises ABA programs for individuals and assists in conducting assessments for clients with ASD, ages 14 months and older. The position also supervises a team of direct care staff.

**Assessor** - The Applied Behavior Analysis (ABA) Treatment Assessor conducts treatment assessments for clients determining ABA recommendations and intensity as well as orientating them into ESBA.

### Also Hiring

- Administration
- Information Technology
- Therapy Services
- Training
- Finance
- People and Performance
- Operations
- Research & Development

### Benefits

Full-time salaried positions/vacation & sick paid time off/paid holidays, medical/dental/vision insurance/403B retirement plan/ health savings account (HSA)/flex spending account (FSA)/tuition reimbursement/employee referral bonuses.

### Locations

Pleasant Hill, Fairfield, Hayward, San Jose, Santa Rosa, Dublin, Lakeport, Burlingame and Oakland



**SAVE THE DATE!**  
**5<sup>th</sup> Annual**  
**Michigan Autism Conference**

**Join us in Kalamazoo, MI**  
**Thursday October 12 & Friday 13**

**Featuring Keynote Speakers:**  
**Marjorie Charlopp-Christy, Ph.D**  
**Wayne Fuqua, Ph.D, BCBA-D**  
**Richard Kubina, Ph.D, BCBA-D**  
**Catherine Lord, Ph.D**  
**James Partington, Ph.D, BCBA-D**  
**Bridget Taylor, Psy.D, BCBA-D**

**Pre-Conference Workshops**  
**& Kick-Off Event**  
**Wednesday October 11**

**For more information regarding the conference,**  
**please visit:**  
**<http://www.michiganautismconference.org>**

ABAI  
DENVER

2017

43rd Annual Convention

# ABAI Student Committee Events Calendar

Friday 5/26

## Student Welcome Event

Make the most of your ABAI experience with an hour-long overview with tips, tricks, and a free ABAI 2017 Student Survival Kits. First come, first serve—don't be late!

6–7 pm ❖ Hyatt Regency ❖ Capital Ballroom 1–3

## ABAI Trivia Night

Join us for a fun night of trivia! Drop in any time for six rounds of trivia by leading researchers and academics in behavior analysis. Don't miss out on an opportunity to show off your skills and win prizes!

7–9 pm ❖ Hyatt Regency ❖ Capital Ballroom 1–3

## Student Committee Outreach Table

Applying to grad school? Recently accepted? Get tips, guides, and face-to-face support from people who have been through it all. The Student Committee will be on hand to answer all your pressing questions!

8–10 pm ❖ Convention Center ❖ Exhibit Hall D

Saturday 5/27



# Acknowledgements

## Program Board Coordinator

---

Mark A. Mattaini, DSW (Jane Addams College of Social Work, University of Illinois at Chicago)

## Program Committee Chair

---

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

## 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)

## Area Coordinators

---

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

**Autism (AUT):** Jessica Thomason-Sassi (The New England Center for Children), Nicole Heal (Margaret Murphy Center for Children), and Thomas Higbee (Utah State University)

**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):** Steven R. Lawyer (Idaho State University) and Jeannie Golden (East Carolina University)

**Community, Social, and Sustainability Issues (CSS):** Angela Sanguinetti (University of California, Davis) and Todd Ward (bSci21 Media, LLC)

**Developmental Disabilities (DDA):** Andrew W. Gardner (University of Arizona) and Eric Boelter (Seattle Children's Autism Center)

**Education (EDC):** Florence DiGennaro Reed (The University of Kansas) and Scott Ardoin (University of Georgia)

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

**Human Development (DEV):** Per Holth (The Behavioral Center, Oslo) and R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

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

**Philosophical, Conceptual, and Historical Issues (PCH):** Edward K. Morris (The University of Kansas) and Darlene Crone-Todd (Salem State University)

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

**Science (SCI):** M. Christopher Newland (Auburn University)

**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)

## Graphic Design and Layout

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Paul Sizer, production manager; David Marlatt, office associate; Nick Kuder, art director; Marena DeLeau and Kelsi Miller (Design Center, Gwen Frostic School of Art, Western Michigan University)

## Convention Planning and Assistance

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Aaron Barsy, Jennifer Burson, Lin Davis, William Dolak, Sarah Granlund, Jean Herbrandson, Holly Lee, Hadley Moore, Dale Power, Stephen Rafferty, Raiza Robles, Joseph Romeo, Paul Shafer, Majda Seuss, Eddie Soh, Laura Stephenson, and Andrew York (Association for Behavior Analysis International)

# **ABOUT THE PROGRAM**

The program contains the contributions of 1,916 participants from more than 45 countries:

98 Workshops

95 Papers

300 Panels & symposia

150 Expo posters

678 Posters

66 Business meetings

18 Reunions

42 Invited presentations

8 Tutorials

13 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 (2015–2018)**  
M. Jackson Marr, Ph.D.  
(Georgia Institute of Technology)



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



**Past President (2014–2017)**  
Maria Martha Hübner, Ph.D.  
(University of São Paulo)



**Experimental Representative  
(2014–2017)**  
Peter R. Killeen, Ph.D.  
(Arizona State University)



**International Representative  
(2014–2017)**  
Ingunn Sandaker, Ph.D.  
(Oslo and Akerhus University College  
of Applied Sciences)



**At-Large Representative  
(2016–2019)**  
Mark Galizio, Ph.D.  
(University of North Carolina Wilmington)



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



**Applied Representative  
(2015–2018)**  
Cynthia M. Anderson, Ph.D.  
(Appalachian State University)



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



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



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



**Past Student Representative  
(2014–2017)**  
Kenneth W. Jacobs, 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. Foss, Patrick C. Friman, Sigrid S. Glenn, Israel Goldiamond, Gina Green, Don F. Hake, Linda J. Parrott Hayes, William L. Heward, Philip N. Heline, 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.

# 43rd Annual Convention Schedule

## Thursday, May 25

11:00 am–12:45 pm	SQAB registration
12:00 pm–8:00 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 26

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–9:30 pm	SQAB posters

## Saturday, May 27

7:00 am–7:50 am	Business meetings
7:00 am–9:00 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–7:00 pm	OBM in Health and Human Services Conference
10:00 am–11:50 am	Sessions
11:00 am–3:00 pm	Exhibits open
12:00 pm–3:00 pm	Poster session
3:00 pm–5:00 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 posters

## Sunday, May 28

7:00 am–7:50 am	Business meetings
7:00 am–7:00 pm	Registration and bookstore open
8:00 am–10:00 am	Poster setup
8:00 am–11:50 am	Sessions
11:00 am–4:00 pm	Exhibits open
12:00 pm–3:00 pm	Poster session
12:30 pm–3:30 pm	Career fair
3:00 pm–6:50 pm	Sessions
7:00 pm–7:50 pm	Business meetings
8:00 pm–10:00 pm	Reunions and receptions

## Monday, May 29

7:00 am–7:50 am	ABAI Business Meeting
8:00 am–10:00 am	Poster setup
8:00 am–11:50 am	Sessions
8:00 am–6:00 pm	Registration and bookstore open
11:00 am–4:00 pm	Exhibits open
12:00 pm–3:00 pm	Poster session
3:00 pm–5:50 pm	Sessions
4:00 pm–7:00 pm	Exhibitor tear-down
6:00 pm–6:50 pm	Presidential Address
7:00 pm–7:50 pm	Business meetings
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

*Preconvention 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 2017 convention includes 8 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 180-minute sessions to discuss their work. Posters with odd numbers will be discussed during the first 90 minutes, even numbers the second 90 minutes. Presenters should set up their posters 8 am–10 am for the noon 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 3 pm–5 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  
DEV: Behavioral Development  
EAB: Experimental Analysis of Behavior  
EDC: Education  
OBM: Organizational Behavior Management  
OTH: Other

PCH: Philosophical, Conceptual, and Historical Issues  
PRA: Practice  
SCI: Science  
TBA: Teaching Behavior Analysis  
VRB: Verbal Behavior



# Registration

Exhibit Hall D  
Colorado Convention Center

## hours

<b>Thursday, May 25</b>	12:00 pm–8:00 pm
<b>Friday, May 26</b>	7:00 am–8:00 pm
<b>Saturday, May 27</b>	7:00 am–9:00 pm
<b>Sunday, May 28</b>	7:00 am–7:00 pm
<b>Monday, May 29</b>	8:00 am–6:00 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 ABAL member (and save on registration!)
- Register for upcoming ABAL conventions and conferences

### Name Badges

Name badges are required for entry into all ABAL events and presentation rooms, and for access to ABAL 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 43rd Annual Convention in Denver, CO—minus a \$79 cancellation fee—will be met provided they are made prior to midnight (EDT) May 1, 2017.

### Transfer Policy

Requests for registration transfers (attendee replacements) for the 43rd Annual Convention in Denver, CO, received by midnight (EDT) May 1, 2017, will be processed in the ABAL 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.

### Preconvention 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 ABAL in writing; ABAL 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, 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 program 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 63–67 and pages 75–83. To view detailed descriptions of all workshops, visit our online program at [www.abainternational.org/events/annual-2017](http://www.abainternational.org/events/annual-2017) and click "Workshops."

# Cancelations and Refunds

Registrants may cancel convention and workshop registration through May 1, 2017. A handling fee of \$79 per cancellation will be deducted from all refunds. Refunds will not be granted after May 1, 2017.

# 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 43rd Annual Convention in Denver, CO. The bookstore will be in the Exhibit Hall, Colorado Convention Center.

## Hours

<b>Thursday, May 25</b>	12:00 pm–8:00 pm
<b>Friday, May 26</b>	7:00 am–8:00 pm
<b>Saturday, May 27</b>	7:00 am–9:00 pm
<b>Sunday, May 28</b>	7:00 am–7:00 pm
<b>Monday, May 29</b>	8:00 am–6:00 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:

<b>Saturday, May 27</b>	12:00 pm–3:00 pm
<b>Sunday, May 28</b>	12:00 pm–3:00 pm
<b>Monday, May 29</b>	12:00 pm–3:00 pm

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!

## Book Categories

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

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

Visit the Learning Center online and browse all the offerings.

# learning center

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

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.

## **NOW AVAILABLE**

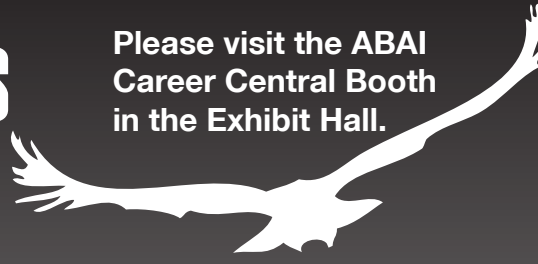


**You can also pre-purchase sessions from the 43rd Annual Convention at the Registration Desk today!**



# Employment Events

Please visit the ABAI  
Career Central Booth  
in the Exhibit Hall.



## Hybrid Career Fair

**When:** Sunday, May 28, 12:30–3:30 pm

**Where:** Exhibit Hall D (2nd floor), Colorado Convention Center

*(Check the convention app to keep updated on participating companies.)*

Visit the career fair hub in the exhibit hall! New for 2017—expect an expanded, interactive career fair. This area 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 speakers and activities in our new ABAI studio
- 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)

### **New feature: presentation stage and studio (in the exhibit hall near the bookstore)**

- FREE head shots
- FREE makeup touchups
- FREE presentations from professional recruiter Patrick Sorensen. (See the addendum and convention app for details and times.)

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

Patrick will hold two 20-minute sessions daily during exhibit hours on the presentation stage in the studio, discussing job search resources and techniques. He will also be available throughout the convention to work one on one with individuals seeking job search guidance as well as providers seeking consultation on the challenges they face in their ABA practices.



## 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 Committee has arranged for you to hear an incredible range of scholars.

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### Applied Animal Behavior

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#### **How Being a Visual Thinker Helped Me Understand Animals**

Temple Grandin (Colorado State University)  
Sunday, May 28, 9:00 am

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### Behavioral Development

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#### **The National Implementation and Evaluation of Parent Training in Norway**

Terje Ogden (Norwegian Center for Child Behavioral Development)  
Monday, May 29, 8:00 am

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### Behavioral Pharmacology and Neuroscience

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#### **Cannabis Use Disorder: Determining Mechanisms and Developing Interventions**

Joshua Anthony Lile (University of Kentucky)  
Monday, May 29, 4:00 pm

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### Clinical, Family, Behavioral Medicine

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#### **Treating Depression to Reduce Behavioral Risk Factors for Cardiovascular Disease: A Preventive Behavioral Medicine Perspective**

Matthew Whited (Eastern Carolina University)  
Sunday, May 28, 8:00 am

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### Community, Social, and Sustainability Issues

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#### **Disruption and the Impact of Creating a New Future and New Opportunities**

Amy Cosper (RadicalUpstarts)  
Monday, May 29, 11:00 am

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### Developmental Disabilities

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#### **Psychopharmacotherapy of Disruptive Behaviors in Intellectual and Developmental Disorders: Past, Present, and Future**

Bryan H. King (Weill Institute for Neurosciences, University of California San Francisco)  
Sunday, May 28, 4:00 pm

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### Education

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#### **Conjoint Behavioral Consultation: What Works, How It Works, and What It Means for Practice**

Susan M. Sheridan (University of Nebraska, Lincoln)  
Saturday, May 27, 4:00 pm

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### Experimental Analysis of Behavior

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#### **In Search of the Authentic Self**

Sheena S. Iyengar (Columbia Business School)  
Sunday, May 28, 4:00 pm

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### Organizational Behavior Management

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#### **Discipline Without Punishment**

Dick Grote (Grote Consulting Corporation)  
Saturday, May 27, 11:00 am

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### Other

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#### **Peering Into Skinner's Black Box: The Evolutionary Conserved Neurobiology of Operant Learning**

Björn Brembs (Universität Regensburg)  
Saturday, May 27, 3:00 pm

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### Philosophical, Conceptual, and Historical Issues

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#### **Toward a Behavioral Analysis of B. F. Skinner's Philosophical Discourse**

Michael T. Ghiselin (The University of Kansas)  
Monday, May 30, 11:00 am

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### Practice

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#### **Darwin, Diet, Disease, and Dollars**

Robert Lustig (University of California San Francisco)  
Saturday, May 27, 11:00 am

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### Science

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#### **Behavioral Economic Applications Reveal a Role for Dopamine in the Valuation of Negative Reinforcement**

Eric Oleson (University of Denver)  
Sunday, May 28, 5:00 pm

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#### **Intelligent Behaviour of Animals and Plants**

Alex Kacelnik (Oxford University)  
Sunday, May 28, 6:00 pm

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#### **Cannabis Dose-Effects Across Routes of Administration: Subjective, Performance, and Pharmacokinetic Differences**

Ryan Vandrey (Johns Hopkins University)  
Monday, May 29, 3:00 pm

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### Teaching Behavior Analysis

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#### **Teaching Principles of Behavior Analysis: An Evolving Model for Developing and Testing Knowledge and Skills**

Sandra S. Sundel (Sun Health Career Solutions, Inc.) and Martin Sundel (Sun Family Care)  
Sunday, May 28, 11:00 am

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### Verbal Behavior

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#### **The Social and Cognitive Foundations of Language Acquisition**

Paul Ibbotson (The Open University)  
Monday, May 29, 10:00 am

# Professional Development Series

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

## **A Guide to Getting Started in the Field of Pediatric Feeding Disorders**

PRA/CBM; Applied Research  
Chair: Amy Kate Rosenblum  
(Kennedy Krieger Institute; University of Maryland, Baltimore County)  
Saturday, May 27, 11:00 am–11:50 am  
Mile High Ballroom 2B (Convention Center)

CATHLEEN C. PIAZZA (University of Nebraska Medical Center's Munroe-Meyer Institute)  
VALERIE M. VOLKERT (Marcus Autism Center and Emory School of Medicine)  
CARRIE S. W. BORRERO (Kennedy Krieger Institute)

## **Strategies for Effective and Ethical Collaboration in the School Setting**

AUT/DEV; Service Delivery  
Chair: Joseph Hacker (McNeese State University)  
Saturday, May 27, 5:00 pm–5:50 pm  
Mile High Ballroom 3C (Convention Center)

ROBERT K. ROSS (Beacon ABA Services)  
KATHERINE COLLINS (Texas Tech University)  
RACHEL FREEDMAN (Bellingham Public Schools)

## **Expanding the Scope of Practice: Behavior Analysis and Medicine**

CBM/PRA; Service Delivery  
Chair: Brennan Patrick Armshaw (University of North Texas)  
Saturday, May 27, 5:00 pm–5:50 pm  
Capitol Ballroom 5-7 (Hyatt Regency)

MANISH VAIDYA (University of North Texas)  
KEITH D. ALLEN (University of Nebraska Medical Center's Munroe-Meyer Institute)  
ALISON COX (University of Manitoba)

## **The Language of Dissemination**

CBM/PRA; Service Delivery  
Chair: Ashlie Encinias (University of Nevada, Reno)  
Saturday, May 27, 5:00 pm–5:50 pm  
Mineral Hall A-C (Hyatt Regency)

PHILIP N. HINELINE (Temple University)  
KENT JOHNSON (Morningside Academy)  
MARK A. MATTAINI (Jane Addams College of Social Work, University of Illinois at Chicago)

## **OBM Inside—A Beginner's Guide to Organizational Behavior Management**

OBM; Service Delivery  
Chair: Shannon Biagi (Florida Tech; ABA Technologies, Inc.)  
Saturday, May 27, 5:00 pm–5:50 pm  
Granite (Hyatt Regency)

MANUEL RODRIGUEZ (ABA Technologies, Inc.)  
ADAM E. VENTURA (World Evolve, Inc.)  
AUTUMN KAUFMAN (Commonwealth Autism)

## **Novel Funding Sources for Training Behavior Analysts**

TBA/EDC; Service Delivery  
Chair: Rachel Seaman (The Ohio State University)  
Sunday, May 28, 5:00 pm–5:50 pm  
401/402 (Convention Center)

KEITH D. ALLEN (University of Nebraska Medical Center's Munroe-Meyer Institute)  
ERICK M. DUBUQUE (Behavior Analysis Accreditation Board)  
R. DOUGLAS GREER (Columbia University Teachers College and Graduate School of Arts and Sciences)

## **Dissemination: A Collaborative Effort**

CSS/PRA; Service Delivery  
Chair: Brittany Zey (University of Houston-Clear Lake)  
Sunday, May 28, 6:00 pm–6:50 pm  
Mineral Hall A-C (Hyatt Regency)

KENNON ANDY LATTAL (West Virginia University)  
RAYMOND G. MILTENBERGER (University of South Florida)  
PATRICK C. FRIMAN (University of Nebraska)

## **The Application of Applied Behavior Analysis in the General Education Setting: An Introduction to the Comprehensive Application of Behavior Analysis to Schooling Mode**

EDC; Applied Research  
Chair: Lara Gentilini (Teachers College, Columbia University)  
Sunday, May 28, 6:00 pm–6:50 pm  
405 (Convention Center)

JOANN PEREIRA DELGADO (Teachers College, Columbia University)  
JENNIFER WEBER (Teachers College, Columbia University)  
KIEVA SOFIA HRANCHUK (Scottsdale Children's Institute)

## **Navigating the Grant World as a Behavior Analyst**

TBA; Service Delivery  
Chair: Shea M. Lemley (The University of Kansas)  
Monday, May 29, 9:00 am–9:50 am  
304 (Convention Center)

DAVID P. WACKER (The University of Iowa)  
MATTHEW W. JOHNSON (Johns Hopkins University School of Medicine)  
WILLIAM J. MCILVANE (University of Massachusetts Medical School)

## **Applied Behavior Analysis Outside of Autism**

TBA/CSS; Applied Research  
Chair: Jennifer Lynn Mrljak (Western Michigan University)  
Monday, May 29, 10:00 am–10:50 am  
304 (Convention Center)

WILLIAM M. BAUM (University of California, Davis)  
RAYMOND G. MILTENBERGER (University of South Florida)  
RON VAN HOUTEN (Western Michigan University)

# Professional Development Series (continued)

## **The Importance of Philosophical Assumptions in Behavior Analysis: Applications for Researchers and Practitioners**

PCH/PRA; Theory  
Chair: William Root (Southern Illinois University Carbondale)  
Monday, May 29, 11:00 am–11:50 am  
Centennial Ballroom F/G (Hyatt Regency)

JAY MOORE (University of Wisconsin–Milwaukee)  
MITCH FRYLING (California State University, Los Angeles)  
DAVID C. PALMER (Smith College)

## **Translational Research: Implications and Future Directions**

EAB/DDA; Applied Research  
Chair: Ashley Marie Fuhrman (University of Nebraska Medical Center's Munroe-Meyer Institute)  
Monday, May 29, 5:00 pm–5:50 pm  
Centennial Ballroom A (Hyatt Regency)

WAYNE W. FISHER (University of Nebraska Medical Center's Munroe-Meyer Institute)  
F. CHARLES MACE (Nova Southeastern University)  
TONY NEVIN (The University of New Hampshire)

# 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 SIG**

Chair: Kathryn L. Kalafut (Antioch College)  
Sunday, May 28, 7:00 pm–7:50 pm  
301 (Convention Center)

### **Autism SIG**

Chair: Robert K. Ross (Beacon ABA Services)  
Sunday, May 28, 7:00 am–7:50 am  
405 (Convention Center)

### **Behavior Analysis and the Arts SIG**

Chair: Travis Thompson (University of Minnesota)  
Sunday, May 28, 7:00 am–7:50 am  
403/404 (Convention Center)

### **Behavior Analysis and Selectionist Robotics SIG**

Chair: Richard D. Weissman (Behavior Analysis)  
Monday, May 29, 7:00 pm–7:50 pm  
401/402 (Convention Center)

### **Behavior Analysis for Sustainable Societies SIG**

Chair: Julia H. Fiebig (ABA Global Initiatives; Ball State University)  
Saturday, May 27, 7:00 pm–7:50 pm  
401/402 (Convention Center)

### **Behavior Analysis and Technology SIG**

Chair: Zachary H. Morford (Koan School)  
Saturday, May 27, 7:00 pm–7:50 pm  
Mile High Ballroom 1E/F (Convention Center)

### **Behavioral Development SIG**

Chair: Patrice Marie Miller (Salem State University)  
Sunday, May 28, 7:00 pm–7:50 pm  
Mile High Ballroom 1E/F (Convention Center)

## **Female Leadership in Behavioral Science: Challenges, Opportunities and Future Directions**

PCH; Theory  
Chair: Christina M. Peters (University of Nevada, Reno)  
Monday, May 29, 5:00 pm–5:50 pm  
Centennial Ballroom F/G (Hyatt Regency)

LINDA J. PARROTT HAYES (University of Nevada, Reno)  
RAMONA HOUMANFAR (University of Nevada, Reno)  
CAROL PILGRIM (University of North Carolina Wilmington)

### **Behavioral Gerontology SIG**

Chair: Claudia Drossel (Eastern Michigan University)  
Monday, May 29, 7:00 pm–7:50 pm  
303 (Convention Center)

### **Behavioral Medicine SIG**

Chair: Gretchen A. Dittrich (Simmons College)  
Saturday, May 27, 7:00 pm–7:50 pm  
304 (Convention Center)

### **Behaviorists for Social Responsibility SIG**

Chair: Molli Luke (Behavior Analyst Certification Board)  
Sunday, May 28, 7:00 pm–7:50 pm  
403/404 (Convention Center)

### **Crime and Forensic SIG**

Chair: W. Joseph Wyatt (Marshall University)  
Sunday, May 28, 7:00 am–7:50 am  
Mile High Ballroom 1A/B (Convention Center)

### **Clinical SIG**

Chair: Thomas J. Waltz (Eastern Michigan University)  
Monday, May 29, 7:00 pm–7:50 pm  
304 (Convention Center)

### **Dissemination of Behavior Analysis SIG**

Chair: Megan Miller (Florida State University, Center for Autism and Related Disabilities; Navigation Behavioral Consulting)  
Sunday, May 28, 7:00 pm–7:50 pm  
Mile High Ballroom 2C (Convention Center)

### **Ethics and Behavior Analysis SIG**

Chair: Matthew T. Brodhead (Michigan State University)  
Saturday, May 27, 7:00 pm–7:50 pm  
406/407 (Convention Center)

**Experimental Analysis of Human Behavior SIG**  
Chair: J. Adam Bennett (Western Michigan University)  
Saturday, May 27, 7:00 pm–7:50 pm  
Mile High Ballroom 1C/D (Convention Center)

**Health, Sports, and Fitness SIG**  
Chair: Gabrielle Trapenberg Torres (Behavior Basics LLC)  
Sunday, May 28, 7:00 pm–7:50 pm  
304 (Convention Center)

**History of Behavior Analysis SIG**  
Chair: Edward K. Morris (The University of Kansas)  
Saturday, May 27, 7:00 am–7:50 am  
401/402 (Convention Center)

**Military and Veterans SIG**  
Chair: Kent A. Corso (NCR Behavioral Health, LLC)  
Saturday, May 27, 7:00 am–7:50 am  
406/407 (Convention Center)

**Multicultural Alliance of Behavior Analysts**  
Chair: Elizabeth Hughes Fong (Saint Joseph's University)  
Saturday, May 27, 7:00 pm–7:50 pm  
403/404 (Convention Center)

**Neuroscience SIG**  
Chair: Suzanne H. Mitchell (Oregon Health & Science University)  
Sunday, May 28, 7:00 pm–7:50 pm  
Mile High Ballroom 2A (Convention Center)

**Organizational Behavior Management Network and Journal of Organizational Behavior Management: Joint Meeting**  
Chair: Heather M. McGee (Western Michigan University; Organizational Behavior Management Network)  
Sunday, May 28, 7:00 pm–7:50 pm  
406/407 (Convention Center)

**Positive Behavior Support SIG**  
Chair: Rose Iovannone (University of South Florida; Florida Mental Health)  
Sunday, May 28, 7:00 am–7:50 am  
303 (Convention Center)

**Practitioner Issues in Behavior Analysis SIG**  
Chair: Michael Weinberg (Orlando Behavior Health Services, LLC; Amego, Inc.)  
Sunday, May 28, 7:00 pm–7:50 pm  
Mile High Ballroom 1A/B (Convention Center)

**Rehabilitation and Independent Living SIG**  
Chair: Chris Persel (Centre for Neuro Skills)  
Sunday, May 28, 7:00 pm–7:50 pm  
Mile High Ballroom 2B (Convention Center)

**Sexual Behavior: Research and Practice SIG**  
Chair: Worner Leland (Upswing Advocates)  
Saturday, May 27, 7:00 pm–7:50 pm  
Mile High Ballroom 3C (Convention Center)

**SIG Español**  
Chair: Mapy Chavez Cueto (Alcanzando, Inc.)  
Sunday, May 28, 7:00 pm–7:50 pm  
401/402 (Convention Center)

**Speech Pathology Applied Behavior Analysis SIG**  
Chair: Nikia Dower (Dower and Associates, Inc.)  
Saturday, May 27, 7:00 am–7:50 am  
403/404 (Convention Center)

**Teaching Behavior Analysis SIG**  
Chair: Kira Austin (Whitworth University)  
Saturday, May 27, 7:00 am–7:50 am  
405 (Convention Center)

**Theoretical, Philosophical, and Conceptual Issues SIG**  
Chair: William M. Baum (University of California, Davis)  
Saturday, May 27, 7:00 pm–7:50 pm  
Mile High Ballroom 3B (Convention Center)

**Translational Research SIG**  
Chair: Marlene J. Cohen (Brain Wave Learning Lab)  
Saturday, May 27, 7:00 pm–7:50 pm  
Mile High Ballroom 4E/F (Convention Center)

**Verbal Behavior SIG**  
Chair: Judah B. Axe (Simmons College)  
Sunday, May 28, 7:00 pm–7:50 pm  
405 (Convention Center)

## ABA Affiliated Chapters

**Behavior Analysis Association of Mississippi**  
Chair: Daniel L. Gadke (Mississippi State University)  
Sunday, May 28, 7:00 am–7:50 am  
302 (Convention Center)

**Georgia ABA**  
Chair: Mindy Christine Scheithauer (Marcus Autism Center)  
Monday, May 29, 7:00 pm–7:50 pm  
302 (Convention Center)

**Hawai'i ABA**  
Chair: Kristen E. Koba-Burdtt (Hawai'i Association for Behavior Analysis)  
Saturday, May 27, 7:00 pm–7:50 pm  
301 (Convention Center)

**Illinois ABA**  
Chair: Autumn N. McKeel (Aurora University)  
Sunday, May 28, 7:00 pm–7:50 pm  
Mile High Ballroom 1C/D (Convention Center)

**Louisiana Behavior Analysis Association**  
Chair: Derek Jacob Shanman (Nicholls State University)  
Saturday, May 27, 7:00 pm–7:50 pm  
Mile High Ballroom 4E/F (Convention Center)

**Nevada ABA**  
Chair: Jared A. Chase (Chrysalis, Inc.)  
Saturday, May 27, 7:00 pm–7:50 pm  
405 (Convention Center)

**New Hampshire ABA**  
Chair: Kim M. Kelly (The Institute of Professional Practice, Inc.)  
Monday, May 29, 7:00 pm–7:50 pm  
403/404 (Convention Center)

**New York State ABA**  
Chair: Frank R. Cicero (Seton Hall University)  
Sunday, May 28, 7:00 pm–7:50 pm  
303 (Convention Center)

**Oregon ABA**  
Chair: Melissa J. Gard (Building Bridges; Oregon Association of Behavior Analysis)  
Sunday, May 28, 7:00 pm–7:50 pm  
302 (Convention Center)

**Wisconsin ABA**  
Chair: Matthew E. Andrzejewski (University of Wisconsin-Whitewater)  
Sunday, May 28, 7:00 am–7:50 am  
401/402 (Convention Center)

## ABAI Boards and Committees

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### **ABAI Business Meeting**

Chair: M. Jackson Marr (Georgia Tech)  
Monday, May 29, 7:00 am–7:50 am  
301 (Convention Center)

### **ABAI Program Board**

Chair: Mark A. Mattaini (Jane Addams College of Social Work-University of Illinois at Chicago)  
Sunday, May 28, 7:00 am–7:50 am  
301 (Convention Center)

### **ABAI Science Board**

Chair: M. Christopher Newland (Auburn University)  
Saturday, May 27, 7:00 pm–7:50 pm  
Mile High Ballroom 3A (Convention Center)

### **ABAI Student Committee**

Chair: Christina M. Peters (University of Nevada, Reno)  
Saturday, May 27, 7:00 pm–7:50 pm  
Mile High Ballroom 1A/B (Convention Center)

### **The Behavior Analyst Editorial Board and Authors**

Chair: Donald A. Hantula (Temple University)  
Saturday, May 27, 7:00 pm–7:50 pm  
Mile High Ballroom 2A (Convention Center)

### **New Non-U.S. Program Accreditation**

Chair: Erick M. Dubuque (Behavior Analysis Accreditation Board)  
Sunday, May 28, 7:00 am–7:50 am  
Mile High Ballroom 4A/B (Convention Center)

### **New U.S. Program Accreditation**

Chair: Erick M. Dubuque (Behavior Analysis Accreditation Board)  
Saturday, May 27, 7:00 pm–7:50 pm  
Mile High Ballroom 4A/B (Convention Center)

## Other Business Meetings

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### **Association for Science in Autism Treatment: A Collaboration With Behavior Analysts in the Promotion of Science-Based Autism Treatment**

Chair: David A. Celiberti (Association for Science in Autism Treatment)  
Saturday, May 27, 7:00 am–7:50 am  
304 (Convention Center)

### **Behavior Analyst Certification Board: Approved Continuing Education**

Chair: Emily White (Behavior Analyst Certification Board)  
Saturday, May 27, 7:00 am–7:50 am  
Mile High Ballroom 1A/B (Convention Center)

### **Behavior Analyst Certification Board: Approved Course Sequences**

Chair: Emily White (Behavior Analyst Certification Board)  
Sunday, May 28, 7:00 am–7:50 am  
Mile High Ballroom 2C (Convention Center)

### **Board-Approved Applied Behavior Analysis Course Sequence in Mainland China**

Chair: Dorothy Xuan Zhang (George Mason University; The Chicago School of Professional Psychology; ABA Professional Committee of China Association of Rehabilitation of Disabled Persons)  
Sunday, May 28, 7:00 am–7:50 am  
Mile High Ballroom 3B (Convention Center)

### **Cambridge Center Exceptional Student Group**

Chair: Joshua K. Pritchard (Florida Institute of Technology)  
Saturday, May 27, 7:00 pm–7:50 pm  
Mile High Ballroom 2B (Convention Center)

### **Education and Treatment of Children Editorial Review Board**

Chair: Stephanie M. Peterson (Western Michigan University)  
Saturday, May 27, 7:00 am–7:50 am  
301 (Convention Center)

### **An Introduction to BACB Certification**

Chair: Emily White (Behavior Analyst Certification Board)  
Monday, May 29, 7:00 pm–7:50 pm  
301 (Convention Center)

### **Journal of Applied Behavior Analysis**

Chair: Robin K. Landa (Western New England University; Journal of Applied Behavior Analysis)  
Sunday, May 28, 7:00 am–7:50 am  
304 (Convention Center)

### **Journal of the Experimental Analysis of Behavior: Meeting for Authors, Prospective Authors, and Board Members**

Chair: Amy Odum (Utah State University)  
Saturday, May 27, 7:00 am–7:50 am  
Mile High Ballroom 4E/F (Convention Center)

### **Meeting for Those Interested in the Teaching From the Text: Principles of Behavior**

Chair: Gerald C. Mertens (St. Cloud State University)  
Saturday, May 27, 7:00 am–7:50 am  
Mile High Ballroom 1C/D (Convention Center)



ABAI exhibitors will be located in Exhibit Hall D of the Colorado Convention Center; 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 27	11:00 am–3:00 pm and 7:00 pm–10:00 pm
Sunday, May 28	11:00 am–4:00 pm
<i>Career Fair</i>	12:30 pm–3:30 pm
Monday, May 29	11:00 am–4:00 pm

Following are descriptions of some of the 2017 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.

**The ABRITE Organization**  
*Premier Exhibit Sponsor*



**Booth Number: 244**  
 749 37th Ave.  
 Santa Cruz, CA 95062 US  
 (881) 454-8530  
 ginger.raabe@abrite.org  
<http://www.abrite.org>

The ABRITE Organization is a provider of behavioral services for learners throughout Northern and Southern California. A team of three doctorate level clinicians leads the organization, each with their own clinical expertise and research. Underlining all services is the philosophy that we are a company that does not measure our value by financial prosperity, but instead by the progress of the learners we serve.

**ACES**  
*Premier Exhibit Sponsor*



**Booth Number: 424**  
 16782 Von Karmam Ave.  
 Irvine, CA 92606 US  
 (949) 560-7161  
 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.

**Achieve Beyond**

**Booth Number: 306**  
 538 Broadhollow Rd., Ste. 202  
 Melville, NY 11747 US  
 (631) 385-7780  
 mteague@achievebeyondusa.com  
<http://www.achievebeyondusa.com>

Achieve Beyond provides pediatric therapy and educational services to children, students, and families throughout the United States, including the greater Los Angeles, California area; Virginia/Maryland/DC area; the greater Dallas, Texas area; Long Island/New York City/Hudson Valley, New York region; Pennsylvania (particularly the Bucks, Montgomery, Delaware, and Philadelphia regions); Connecticut, including Fairfield and New Haven counties; and the state of New Jersey, central and northern regions. We offer coordination in initial evaluations, as well as follow-up sessions and provide services in the predominant language of the patients in both home and community settings. We have part-time as well as full-time positions available.

**ACI Learning Centers Inc.**

**Booth Number: 433 & 532**  
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.

**Advances Learning Center**  
*Premier Exhibit Sponsor*



**Booth Number: 520**  
51 Water St., Ste. 200  
Watertown, MA 02472 US  
(617) 923-7575  
erica.grzywacz@advancesonline.com  
<http://www.advancesonline.com>

Advances Learning Center (ALC) is a group of passionate professionals striving to set the standard for clinical excellence in the Boston area. Thrive at ALC with a manageable caseload, plenty of clinical support, and frequent professional development opportunities. We cover professional expenses, provide free CEs, and care about your work-life balance. Come visit our booth; better yet, join our team!

**Amvik Solutions**

**Booth Number: 336**  
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.

**Autism Curriculum Encyclopedia**

**Booth Number: 508**  
33 Turnpike Rd.  
Southborough MA 01772-2108 US  
(508) 658-7557  
stower@necc.org  
<http://www.acenecc.org>

The Autism Curriculum Encyclopedia® is the premier, ABA educational software system for learners with autism. The ACE® includes a challenging behavior module, multiple assessments, data entry, and automated graphing features as well as more than 1,900 customizable programs. This all in one solution for autism education also includes a direct data entry app for your iOS devices. Designed by the world-renowned New England Center for Children® the ACE utilizes the principles of applied behavior analysis to help you ensure maximum progress.

**Autism Home Support Services**  
*Premier Exhibit Sponsor*



**Booth Number: 514**  
55 Revere Dr., Ste. 120  
Northbrook IL 60062 US  
(224) 415-3194  
sjacobson@autismhomesupport.com  
<http://autismhomesupport.com/>

Autism Home Support Services is a leading provider of evidence-based applied behavior analysis therapy in Northern Illinois, Michigan, and Colorado. Our community of BCBA's, BCBA-Ds, and RBTs create measurable differences in children's overall development and long-term success. Our integrative, technology-supported approach includes skill development, behavior shaping, school consulting, and family support in home, center, community, and school settings. Come grow with us!

**Autism Learning Partners**  
*Premier Exhibit Sponsor*



**AUTISM  
LEARNING  
PARTNERS**  
MAKING PROGRESS POSSIBLE

**Booth Number: 206**

505 N Brand Blvd., Ste. 1000  
Glendale, CA 91203-3924 US  
(808) 541-6780  
KHaroian@autismlearningpartners.com  
<http://www.autismlearningpartners.com>

Autism Learning Partners is a full-service provider that specializes in the treatment of autism and other developmental disabilities. Our approach addresses the whole child by collaborating with doctors, therapists, schools, and specialists. Our goal is to work together to achieve the best possible outcome—PROGRESS!

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**Autism Partnership Foundation**

**Booth Number: 338**

200 Marina Dr.  
Seal Beach, CA 90740 US  
(619) 719-1962  
jcion@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.

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**Ball State University**  
*Premier Exhibit Sponsor*



B A L L S T A T E  
U N I V E R S I T Y

**Booth Number: 246**

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).

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**Bay Path University**

**Booth Number: 325**

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

Teachers and practitioners trained in evidence-based practices are in demand in school districts and educational settings nation-wide. The MS/EdS in Applied Behavior Analysis in applied behavior analysis from Bay Path University teaches students this valuable approach to instruction and management of challenging behaviors. This program was designed to prepare educators, clinicians, and practitioners to apply behavioral principles to instruction, treatment of problem behavior, and special learning and behavior challenges.

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**Beacon ABA Services**  
*Premier Exhibit Sponsor*



**Booth Number: 420 & 422**

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.

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**Behavior Analysis Accreditation Board**

**Booth Number: 418**  
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.

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**Behavior Analyst Certification Board**

**Booth Number: 415**  
8051 Shaffer Pkwy.  
Littleton, CO 80127-3762 US  
720 506-5433  
christine@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.

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**Behavior Development Solutions**

**Booth Number: 506**  
319 White Ave.  
Middlebury, CT 06762-2734 US  
(203) 263-0892  
lydia@behaviordevelopmentsolutions.com  
<http://www.behaviordevelopmentsolutions.com>

Behavior Development Solutions provides training products, services, and tools for behavior analysts. Our data driven CBA Learning Module Series is the premier BACB exam prep resource and is currently being used in universities around the world as a curriculum supplement. We also offer convenient, engaging distance learning CE courses and an online bookstore with over 150 titles.

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**Behavior Frontiers, LLC**

**Booth Number: 207**  
18726 S Western Ave., Ste. 405  
Los Angeles, CA 90248 US  
310 756-1927  
ablanco@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.

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**BehaviorMatch**

**Booth Number: 212**  
12485 SW 137th Ave., Ste. 301  
Miami, FL 33186 US  
(305) 846-9807  
humanresources@world-evolve.com

BehaviorMatch is a social networking website and app designed to match those in the behavior analysis community with professionals and consumers of services in an ethical and data-driven manner. Our data-based matching system allows for matching of consumers with companies/practitioners, practitioners with organizations, supervisors with supervisees, CEU trainings with attendees, conference presentation partners, students with graduate programs, and much more!

**Behavior Services of the Rockies**

**Booth Number: 425**  
 P.O. Box 271690  
 Louisville, CO 80027 US  
 720 837-2348  
 mail@bsotr.com  
 http://www.bsotr.com

Behavior Services of the Rockies is a group of dedicated behavior analytic practitioners located the Mountain West region of the United States. We strive to deliver the best quality behavior supports to improve the independence, inclusion, and overall quality of life for our clients by providing pragmatic, evidence-based treatment, consultation, and teaching based on the principles of applied behavior analysis. Our goal is to transfer and teach skills to clients and caregivers, and to develop top-rate practitioners to expand the availability of high quality services throughout the region.

**Behavior University**

**Booth Number: 313**  
 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 BCBA's 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 BCBA's and BCaBA's (ACE provider # OP-16-2658).

**Behavioral Innovations**

**Booth Number: 307**  
 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 Perspective Inc.**  
*Premier Exhibit Sponsor*


Behavioral Perspective Inc.

**Booth Number: 430**  
 452 N. Eola Rd., Ste. A  
 Aurora, IL 60502 US  
 (630) 999-0401  
 abegley@bpiaba.com  
 http://www.behavioralperspectiveaba.com

Behavioral Perspective Inc. was founded in 2010, to provide in-home ABA services for children with autism. Our mission is to provide quality ABA services to maximize independence and quality of life for individuals impacted by autism.

**Benchmark Human Services**

**Booth Number: 411**  
 8515 Bluffton Rd.  
 Ft. Wayne, IN 46809 US  
 (260) 744-6145  
 gsunbom@benchmarkhs.com  
 http://www.benchmarkhs.com

Benchmark Human Services specialized in solutions that reduce cost and increase quality for public agencies supporting people with disabilities and those with mental illness, including persons with extensive behavioral and medical needs, and forensic backgrounds. We also operate large-scale mobile crisis management systems for behavioral and psychiatric emergencies, and provide interim management of at-risk residential providers.

**Bierman ABA Autism Center****Booth Number: 213**

1025 E. 54th St.  
 Indianapolis, IN 46220 US  
 (317) 815-5501  
 holli@biermanaba.com  
<http://www.biermanaba.com>

We provide early intensive behavioral intervention services in a center-based setting to children with autism in Indiana and Massachusetts. Our early intensive behavior intervention programs are designed to help children learn skills across many different developmental domains.

**The Braff Group****Booth Number: 315**

1665 Washington Rd., Ste. 3  
 Pittsburg, PA 15228 US  
 (412) 283-0053  
 kcullen@thebraffgroup.com  
<http://www.thebraffgroup.com>

The Braff Group, ranked #1 by Thomson Reuters (2007–2015), is the leading Mergers and Acquisitions advisory firm with a team focused exclusively on behavioral healthcare. We provide sell-side only transaction services to the mental health, substance use disorders, eating disorders, autism services, intellectual or developmental disabilities, and acquired brain injury provider communities. Founded in 1998, the firm has completed more than 280 transactions.

**Butterfly Effects***Premier Exhibit Sponsor***Booth Number: 434**

500 Fairway Dr., Ste. 102  
 Deerfield Beach, FL 33441-1817 US  
 954 603-7885  
 john.jacobson@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.

**By Your Side Autism Therapy Services****Booth Number: 107**

1920 Thoreau Dr., Ste. 180  
 Schaumburg, IL 60173 US  
 847 496-5513  
 info@byyoursideac.com  
<http://www.byyoursideac.com>

By Your Side (BYS) Autism Therapy Services is a multidisciplinary provider to the autism community with a focus on the environments of in-home and center-based therapy. BYS offers ABA, occupational and speech therapy, and counseling services. Our centers were designed with rooms, representative of a home setting to provide a structured environment to generalize skills. We provide ABA services and parent coaching in the home that focus on daily living, leisure, communication skills, and behavior supports.

**Center for Autism and Related Disorders, Inc.***Premier Exhibit Sponsor***Booth Number: 319**

19019 Ventura Blvd.  
 Tarzana, CA 91356-3253 US  
 (818) 345-2345  
 rc2512@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

### Booth Number: 219 & 221

3425 Coffee Rd., Ste. 2C  
Modesto, CA 95355 US  
(209) 521-4791  
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.

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## CentralReach, LLC

*Premier Exhibit Sponsor*

## CentralReach

### Booth Number: 408 & 410

2745 E. Atlantic Blvd., Ste. 201  
Pompano Beach, FL 33062-4945 US  
(800) 939-5414  
brandon@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.

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## The Chicago School of Professional Psychology

*Premier Exhibit Sponsor*



### Booth Number: 326

325 N. Wells St., Ste. 400  
Chicago, IL 60654 US  
(312) 467-2530  
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.

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## ClinicSource Therapy Practice Management Software

*Premier Exhibit Sponsor*



### Booth Number: 432

2124 NE 123rd St., Ste. 218  
North Miami, FL 33181 US  
(786) 513-1663  
sales@clinicsource.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.

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## CodeMetro, Inc.

### Booth Number: 426 & 518

1333 S. Mayflower Ave., Ste. 350  
Monrovia, CA 91016-5276 US  
(877) 796-9883  
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.

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**Continuum Autism Spectrum Alliance****Booth Number: 321**

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.

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**The COR Behavioral Group****Booth Number: 225**

304 Harrington Ave., Ste. 2B  
New Jersey, NY 07624 US  
(201) 660-8270  
meghan@thecorgroup.org  
<http://www.corbehavioral.com>

The COR Behavioral Group develops programs designed for each child utilizing the principles of applied behavior analysis. Our comprehensive home, community, and school-based programs incorporate components of ABA and positive behavioral supports, which are proven to be effective in the acquisitions of skills across developmental domains. CBG provides services in New Jersey, New York, and St Louis, MO. We are approved by the New Jersey Department of Education to contract with public schools.

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**DataFinch Technologies**

*Premier Exhibit Sponsor*

**Booth Number: 530**

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

DataFinch Technologies is an Atlanta-based organization specializing in technology solutions for treating individuals with disabilities, as well as for providers and consumers of applied behavior analysis. DataFinch is the industry leader in solutions that integrate a variety of mobile and cloud-based data collection and management tools. For parents of individuals with special needs, for teachers of students with disabilities, and for schools and organizations that provide state-of-the-art behavioral interventions, DataFinch Technologies is the technology of choice for change.

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**Devereux Advanced Behavioral Health****Booth Number: 239**

444 Devereux Dr.  
Villanova, PA 19085 US  
(800) 345-1292  
bmelton2@devereux.org  
<http://www.devereux.org>

Devereux Advanced Behavioral Health, a leading national nonprofit provider of behavioral healthcare, combines evidence-based interventions with compassionate family engagement to change lives. We serve many of the most vulnerable members of society in areas of autism, intellectual and developmental disabilities, specialty mental health, and child welfare. We offer opportunities for BCBA and other professionals to work with individuals of all ages in residential and community-based settings.

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**DrOmnibus Sp. z o.o.****Booth Number: 314**

Al. Słowackiego 10/5  
Kraków, Poland 30-037  
+48 88 287 6846  
Agnieszka.braum@dromnibus.com  
<http://www.Dromnibus.com>

DrOmnibus creates modern multimedia tools that support the therapy and education of children with special education needs during preschool and early primary school, adjusted to their needs and capabilities. DrOmnibus inclusive education is a comprehensive tool based on applied behavior analysis that automatically analyzes each child's skill level and adjust the presented tasks accordingly.

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**Easter Seals Bay Area**

**Booth Number: 510**  
391 Taylor Blvd., Ste. 250  
Pleasant Hill, CA 94523-2288 US  
(925) 849-8992  
heidi.botello@esba.org  
<http://www.easterseals.com/bayarea/>

Easter Seals 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.

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**Easter Seals Autism Services South Carolina**

**Booth Number: 109**  
P.O. Box 5715  
Columbia, SC 29250 US  
(803) 466-9089  
dlewis@sc.easterseals.com  
<http://www.easterseals.com/southcarolina/>

Autism Services of South Carolina, founded by Easter Seals South Carolina, is proud to be an ABA service provider to children and families living with autism. Our staff offers more than 18 years of experience in designing and implementing ABA programs rooted in Skinner's analysis of verbal behavior. Our services are home and community based. We are excited to bring this experience to Autism Services of South Carolina and the families we serve.

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**Easter Seals Southern California**

**Booth Number: 524**  
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 an indispensable resource for individuals and families facing disability; providing services that make positive differences in people's lives. We provide a variety of services designed to help people live, learn, work, and play in their communities. Join us online as we work to change the way the world defines and views disabilities.

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**Eden II Programs**

**Booth Number: 222**  
15 Beach St.  
Staten Island, NY 10304 US  
(917) 722-3986  
center@eden2.org  
<http://www.eden2.org>

Eden II strives to provide the maximum help possible to the autism community through education, adult day programs, residential care, family support, respite, and a number of other services. While our diagnostic and outreach center offers several evidence-based clinical services with the goal of producing measurable improvements for individuals with autism, training opportunities for parents and other professionals are also available through our webinar program.

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**Engage Behavioral Health**

**Booth Number: 320**  
550 N. Reo St., Ste. 202  
Tampa, FL 33609 US  
(813) 374-2070  
BLEaghty@ebhealthgroup.com  
<http://www.engagebehavioralhealth.com>

Engage Behavioral Health is a leading provider of ABA therapy in Florida and Virginia for individuals with autism spectrum disorder, Down syndrome, and related special needs. Engage Behavioral Health provides services in clinic locations, homes, private schools, and/or community settings. Engage Behavioral Health also offers educational trainings and workshops for several families and companies.

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**Evergreen Center**

*Premier Exhibit Sponsor*



**EVERGREEN  
CENTER**

**Booth Number: 414**  
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.

**Florida Institute of Technology**

**Booth Number: 242**  
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.

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**Global Autism Project**

**Booth Number: 337**  
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.

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**Guiding Technologies Corporation**

**Booth Number: 323**  
2 Penn Center, 1500 JFK Blvd., Ste. 1825  
Philadelphia, PA 19102 US  
(267) 702-6762  
info@guidingtechnologies.com  
<http://www.guidingtechnologies.com>

From TAP to TRENDING: GAINS™ is the first haptic feedback guidance and analysis software program designed exclusively for ABA instruction management. GAINS™ replaces the binder, guiding and tracking ABA instruction in real-time with unprecedented detail and ease, recording each activity or trial with tactile input and unobtrusive audio response. GAINS™ automatically retrieves and evaluates client progress and staff management reporting with clearly designed charts.

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**Heartspring School**

**Booth Number: 232**  
8700 E. 29th St. N  
Wichita, KS 67226-2169 US  
(316) 634-8700  
kbaker@heartspring.org  
<http://www.heartspring.org>

Heartspring is a not-for-profit day and boarding school serving ages 5–21, from across the country. Heartspring serves students with developmental disabilities such as autism, speech and language impairments, vision and/or hearing impairments, cerebral palsy, and multiple disabilities. Most of the students have challenging behaviors that interfere with academic progress at school, as well as interfering with home life and community access.

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**Huntington Insurance**

*ABAI Partnered Member Benefit*

**Booth Number: 238**  
23 W Federal St.  
Youngstown, OH 44503-1411 US  
(866) 318-5028  
mail@insurance-abai.com  
<http://www.huntington.com>

Huntington Insurance, Inc. has partnered with ABAI to offer member pricing on professional liability insurance. This protection is needed by all professionals to guard individuals and companies from attorneys' errors, omissions, and lawsuits, and is separate from a standard general liability policy. An insurance policy is just the beginning; Huntington Insurance, Inc. agents take it a step further, passing along our knowledge of employee benefits and risk management to help you identify ways to lower risk. ABAI members receive a special discount. Stop by our booth for more information.

**Institute for Behavioral Training**

**Booth Number: 151**  
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.

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**The Institute of Professional Practice, Inc.**  
*Premier Exhibit Sponsor*



The Institute of  
Professional Practice, Inc.  
Mid-Atlantic Human Service Corporation  
*Individual Lives. Individual Solutions.*

**Booth Number: 331**  
P.O. Box 1249  
Montpelier, VT 05601-1249 US  
(603) 249-9553  
sfr frederickson@ippi.org  
<http://www.ippi.org>

The Institute of Professional Practice, Inc., is an innovative, multi-state nonprofit provider of residential, day, and educational services to people with disabilities and autism spectrum disorders. Established in the 1980s, the institute has an extensive history of providing evidence-based, effective treatments in the community to people of all ages with diverse diagnoses. Our breadth of services and experience in ABA provides many opportunities for those seeking professional experience/advancement.

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**Integrated Behavioral Technologies, Inc.**

**Booth Number: 211**  
1106 N 155th St., Ste. B  
Basehor, KS 66007 US  
(913) 662-7071  
katrinaostmeyer@ibt-inc.org  
<http://www.ibt-inc.org>

Integrated Behavioral Technologies 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.

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**Intercare Therapy**

**Booth Number: 231**  
4221 Wilshire Blvd., Ste. 300  
Los Angeles, CA 90010-3512 US  
(888) 428-3223  
careers@intercaretherapy.com  
<http://www.intercaretherapy.com>

Intercare Therapy is a leading provider of ABA therapy evidence-based services. We help children and young adults diagnosed with autism and related disorders overcome behavioral and communication challenges. For more than 30 years, our family-owned business has been guided by our founding principles of customization, communication, collaboration, and compassion. Together, we empower our client families with the tools to maintain success and thrive independently.

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**Invo HealthCare—Progressus Therapy**

**Booth Number: 318**  
2701 N. Rocky Point Dr., Ste. 650  
Tampa, FL 33607 US  
(800) 892-0640  
AEnglesbe@invo-progressus.com  
<http://www.invo-progressus.com>

Invo HealthCare—Progressus Therapy is one of the nation's leading behavioral health organizations. Together, we work with new graduates and seasoned professionals to drive positive outcomes for kids while providing clinicians the professional development, support, and resources they need to advance their careers.

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



**Booth Number: 419**  
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.

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**Kennedy Krieger Institute**

**Booth Number: 248**  
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.

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**The Learning Tree**

**Booth Number: 308**  
101 S. Dubois St.  
Tallahassee, AL 36078 US  
(334) 252-0025  
mwilliams@learning-tree.org  
<http://www.learning-tree.org>

Since 1983, The Learning Tree, Inc. has served children from across Alabama. More than 600 children ages 2–21, with developmental disabilities, including autism are served through three residential schools, three inclusive preschools, and a highly specialized day school. Each child is provided individualized instruction in a nurturing, supportive environment using applied behavior analysis principles. Schools are located in Anniston, Auburn, Jacksonville, Mobile, and Tallahassee, Alabama. Consultation and outreach services are also available for individuals, families, public schools, and other organizations.

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**The May Institute, Inc.**

**Booth Number: 526**  
41 Pacella Park Dr.  
Randolph, MA 02368-1755 US  
(781) 437-1280  
kleahy@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.

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**McNeese University**  
*Premier Exhibit Sponsor*



**Booth Number: 406**  
4205 Ryan St.  
Lake Charles, LA 70609 US  
(337) 562-4246  
kvincent@mcneese.edu  
[http://www.mcneese.edu/psychology/applied\\_behavior\\_analysis](http://www.mcneese.edu/psychology/applied_behavior_analysis)

McNeese State University's Master of Arts in Psychology Program with a concentration in applied behavior analysis is approved by the BACB and accredited by ABAI. The program is offered in online or on-campus formats. A Graduate Certificate Program is also available for individuals interested in adding the BCBA credential to their existing master's degree.

**Melmark Inc.****Booth Number: 330**

2600 Wayland Rd.  
 Berwyn, PA 19312-2307 US  
 (987) 654-4300  
 jharper@melmarkne.org  
<http://www.melmark.org>

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.

**The New England Center for Children***Premier Exhibit Sponsor*

The New England Center  
 for Children®  
*Autism Education and Research*

**Booth Number: 407**

33 Turnpike Rd.  
 Southborough, MA 01772-2108 US  
 (508) 658-7513  
 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.

**Nova Southeastern University/  
Mailman Segal Institute****Booth Number: 335**

3301 College Ave.  
 Davie, FL 33314-7721 US  
 (954) 262-7168  
 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/humandevlopment](http://www.nova.edu/humandevlopment).

**ObiGobi Learning Solutions****Booth Number: 210**

P.O. Box 5430  
 Lighthouse Point, FL 33074 US  
 (888) 463-5771  
 heather.morton@obigobi.com  
<http://www.obigobi.com>

ObiGobi Learning specializes in the delivery of high quality e-learning training solutions for behavior analysts. We provide continuing education units, staff training courses, and our 40-hour Registered Behavior Technician™ Course. Our courses are fully integrated into CentralReach's Learning Management System, which enables users to experience full course integration, gives the ability to auto assign courses, design your own courses/trainings, track progress, and much more!



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9197 W. 6th Ave., Ste. 1000  
Lakewood, CO 80215 US  
(303) 233-3122  
andrew.layne@pascohh.com  
<http://www.pascohh.com>

For over 20 years, PASCO has been providing industry-leading care, support, and advocacy programs for a broad range of clients with disabilities and their families. Now, we are turning our energy and resources to launch a behavioral services team, the likes of which has never been seen before. Like the rest of our programs, our behavioral services will be home-based, intensely client-centric, and consistently excellent.

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**Pathfinder Health Innovations**

**Booth Number: 522**  
7171 W 95th St., Ste. 150  
Overland Park, KS 66212 US  
877 972-8434  
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!

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

**Booth Number: 310**  
4767 New Broad St.  
Orlando, FL 32814 US  
(407) 415-5241  
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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**Portia International Inc.**

**Booth Number: 334**  
50 Steacie Dr.  
Kanata, ON K2K 2A9 Canada  
(855) 297-6431  
info@portiainternational.com  
<http://www.portiainternational.com>

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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**Professional Crisis Management Association, Inc.**

**Booth Number: 111**  
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.

**Quality Behavior Solutions, Inc.**

**Booth Number: 421**  
49 Plains St., Ste. 200  
North Attleboro, MA 02780 US  
(508) 630-6369  
pprudenlennox@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.

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**RCS Learning Center**

**Booth Number: 234**  
6 Strathmore Rd.  
Natick, MA 01760-2419 US  
(508) 650-5940  
cking@rcslearning.org  
<http://www.rcslearning.org>

RCS Learning Center, an affiliate of RCS Behavioral & Educational Consulting, is a private special education school. RCS provides the highest quality of individualized behavioral and educational services for children with autism spectrum disorders. RCS is currently in the process of building a new, state of the art facility in Framingham, MA, that is set to open for the 2017–2018 school year.

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**Relias Learning**

**Booth Number: 333**  
111 Corning Rd.  
Cary, NC 27518 US  
(919) 655-1800  
jmartin@reliaslearning.com  
<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.

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**SafeGuard Protection Apparel**

**Booth Number: 322**  
150 Stahl Rd.  
Getzville, NY 14068 US  
(716) 629-3444  
espangenthal@safeguardprotectiveapparel.com  
<http://www.safeguardprotectiveapparel.com>

SafeGuard Protective Apparel was designed by professionals with extensive experience working with individuals with significant behavioral and developmental disorders. Advanced Technology Armor® composite material throughout, with surgical grade stainless steel mesh reinforcement in the forearms, offers the following protection: Extremely bite resistant; ANSI level 5 cut resistance in forearms; level 4 in bicep, chest, and stomach; and highly abrasion resistant.

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**Seek Education Inc.**

**Booth Number: 412**  
9060 Huntington Dr.  
San Gabriel, CA 91775 US  
(626) 943-7772  
psanchez@seekeducation.org  
<http://www.seekeducation.org>

SEEK Education, Inc. 501(c) organization that is comprised of dedicated and experienced members who are committed in 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 (ABA), to produce learning environments with documented effectiveness and results. We are devoted, passionate, and experienced professionals who work closely with parents and communities to develop learning programs that are unique to each individual. SEEK Education provides treatment for all stages of development from early intervention to supported employment—so as an individual's needs change, SEEK Education is there every step of the way.

**The Shape of Behavior**  
Premier Exhibit Sponsor



**Booth Number: 409**  
12941 North Freeway, Ste. 750  
Houston, TX 77060 US  
(832) 358-2655  
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.

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**Simmons College Behavior Analysis Dept.**

**Booth Number: 236**  
300 The Fenway  
Boston, MA 02115 US  
(617) 521-2915  
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.

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**SKILLS Global**

**Booth Number: 332**  
6330 Variel Ave., Ste. 102  
Woodland Hills, CA 91367 US  
(877) 975-4559  
d.wiley@skillsglobal.com  
<https://www.skillsforautism.com>

SKILLS Global provides a comprehensive solution to create and implement customized treatment plans for individuals with autism spectrum disorder. Skills® for Autism includes assessment, curriculum, progress tracking, behavioral intervention plans and more, and has been scientifically validated by 10 published research studies. The Skills® mission is to help families affected by autism by providing affordable global access to the highest-quality ABA-based intervention in the world.

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**Spectacular Kids ABA Therapy & Consulting**

**Booth Number: 324**  
611 Rockmead Dr., Ste. 100  
Kingwood, Texas 77339 US  
(281) 713-8980  
dana@speckidsaba.com  
<http://www.speckidsaba.com>

Spectacular Kids ABA Therapy and Consulting is a clinic-based ABA program that provides intensive applied behavior analysis therapy to individuals between the ages of 1–10 with a diagnosis of autism or a related disorder. Speckids focuses on providing exceptional, individualized services with an emphasis on parent training and helping our clients reach their maximum potential!

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**The Skinner Movie—A Documentary Film Project**

**Booth Number: 250**  
2175 W. Stadium  
Ann Arbor, MI 48103 US  
(734) 424-3600  
kennedy.theodore@gmail.com

The Skinner Movie is a documentary film project by director Ted Kennedy, who has a background in experimental film and art. The film is about B. F. Skinner, uses footage from the B. F. Skinner Collection at the Harvard Film Archive, and is independently produced for release in 2018. Visit us to learn about the project and share your thoughts from within the ABA field.

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**Therapy and Beyond**  
Premier Exhibit Sponsor



**Booth Number: 327**  
2020 E. Hebron Pkwy, Ste. 100  
Carrollton, TX 75007 US  
(817) 209-8989  
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: 413**  
620 8th Ave., 38th Floor  
New York, NY 10018 US  
(703) 597-2542  
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!

**TotalABA**  
*Premier Exhibit Sponsor*



**Booth Number: 427**  
43200 Business Park Dr., Ste. 107  
Temecula, CA 92590 US  
(888) 836-9333  
Jsteele@inviscidsoftware.com  
<http://www.totalaba.com>

Our mission is to support groups that perform therapy for autistic and learning disabled children so that they can spend less time worrying about running their organizations. ABA and associated therapy is profoundly improving the lives of children with autism spectrum disorders and their families. We believe that therapists deserve the best software and services to enable them to work at peak performance and efficiency.

**Trumpet Behavioral Health**  
*Premier Exhibit Sponsor*



**Booth Number: 436 & 438**  
390 Union Blvd., Ste. 300  
Lakewood, CO 80228-6514 US  
(720) 466-8526  
larbogast@tbh.com  
<http://www.tbh.com>

Trumpet Behavioral Health provides ABA services for children and adults with special needs in homes, schools, and centers spanning 11 states and more than 30 centers. We have company-wide initiatives to implement best practices in clinical standards and to conduct applied research under the direction of Executive Director Linda LeBlanc.

**University of West Florida**

**Booth Number: 339**  
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.

**wePortal**

**Booth Number: 212**  
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**

**Booth Number: 214**  
P.O. Box 667540  
Miami, FL 33166 US  
(888) 501-8540  
resume@world-evolve.com  
<http://www.world-evolve.com>

At World Evolve, Inc. we believe that behavior analysis can change the world, and it is our purpose to execute that change. World Evolve is a behavioral organization with a mission to produce self-sustaining collaborative entities that improve behavior around the world. We welcome eager and passionate behavior analysts that are interested in bringing behavior analysis to new forefronts.

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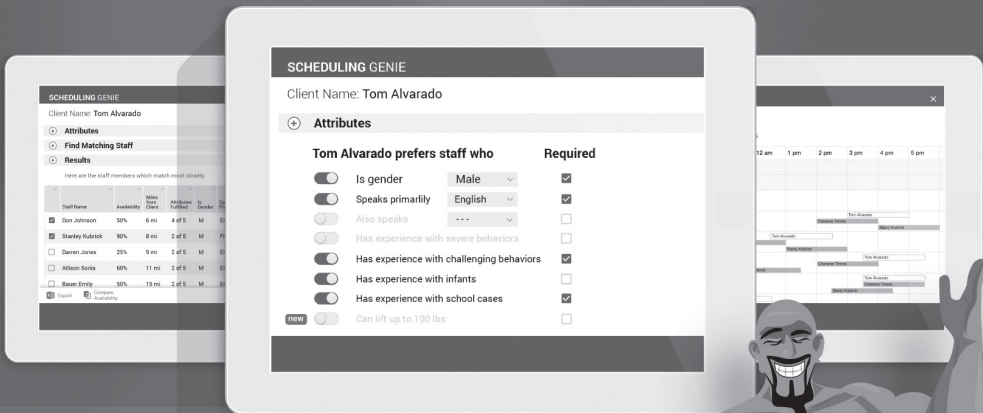


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Thursday, May 25

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 **Timothy Hackenberg (Reed College)**  
*To Free or Not to Free: Determinants of Social Release in Rats*

1:40 pm **Kazuchika Manabe (Nihon University)**  
*Interval Timing in Small Fish*

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

2:35 pm **Rebecca M. Rayburn-Reeves (Armstrong State University) and Muhammad A. Qadri and Robert G. Cook (Tufts University)**  
*Category Learning and Dynamic Cue Use by Pigeons in a Midsession Reversal Task*

3:15 pm **Jan Kubanek (Stanford University)**  
*Economic Maximization and the Matching Law Are Tied Through the Law of Diminishing Returns*

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

4:10 pm **Olga Lazareva, John McInerney, Tiffany Williams, and Joyce Yuen (Drake University)**  
*Implicit Relational Learning in a Multiple-Object Tracking Task*

4:50 pm **William J. McIlvane, Christophe J. Gerard, and William V. Dube (E. K. Shriver Center, University of Massachusetts Medical School)**  
*Algorithmic Analyses of Stimulus-Stimulus Relations: Some Current Directions and Illustrative Findings*

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

Friday, May 26

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

9:00 am **Leonard Green and Joel Myerson (Washington University in St. Louis)**  
*Delay Discounting: Rat, Pigeon, Human—Does it Matter?*

9:40 am **Kimberly Kirkpatrick (Kansas State University)**  
*Time-Based Interventions to Promote Self-Control*

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

10:40 am **Frank Grasso (Brooklyn College) and José E. Burgos (University of Guadalajara)**  
*Implications of Cephalopod Biomechanics for Studies of Octopus Learning, Memory and Behavior*

11:20 am **Robert Huber and Moira J. van Staaden (Bowling Green State University)**  
*Drug-Sensitive Reward in Crayfish: Exploring the Neural Basis of Addiction With Automated Learning Paradigms*

12:00 pm–1:30 pm **Lunch**

1:30 pm **Marco Vasconcelos (University of Aveiro)**  
*A Functional Analysis of Choice Behavior: Linking Ecology, Foraging, and Learning*

2:10 pm **Alex Kacelnik and Andrés Ojeda Laguna (University of Oxford)**  
*Reinforcement, Information and Choice*

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

3:10 pm **Nicky Clayton and Clive Wilkins (University of Cambridge)**  
*Conversations With and Without Words: Memory, Mental Time Travel and The Moustachio Quartet*

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**



Saturday, May 27: Hyatt Regency, Centennial Ballroom D

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**∫QAB Invited Preeminent Tutorials: From Basics to Contemporary Paradigms**

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- 10:00 am** **Erin B. Rasmussen (Idaho State University); chaired by Steven R. Lawyer**  
*Domain Effects, Obesity, and Delay Discounting*
- 11:00 am** *Panel Discussion on the Application Of Behavioral Economics To Obesity*  
**Gregory J. Madden (Utah State University)**  
**Matthew P. Normand (University of the Pacific)**  
**Raymond Miltenberger (University of South Florida)**  
**Chaired by M. Christopher Newland**
- 3:00 pm** **Derek D. Reed (The University of Kansas); chaired by Matthew W. Johnson**  
*Applying Operant Demand Analyses to Issues of Societal Importance*
- 4:00 pm** **Timothy A. Shahan (Utah State University); chaired by John (Tony) A. Nevin**  
*Relapse*
- 5:00 pm** *Panel Discussion on the Application of Theories of Relapse*  
**David P. Wacker (University of Iowa)**  
**Wayne W. Fisher (University of Nebraska Medical Center)**  
**Mary M. Sweeney (Johns Hopkins School of Medicine)**  
**Chaired by M. Christopher Newland**

Sunday, May 28: Hyatt Regency, Centennial Ballroom D

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- 9:00 am** **M. Christopher Newland (Auburn University) and Derek Pope (Virginia Tech Carilion Research Institute); chaired by Peter R. Killeen**  
*What's the Best Model for These Data? Information Theoretical Approaches to Inference as an Alternative to Hypothesis Testing*

*More information: <http://sqab.org>; Program Chair Chris Podlesnik at [cpodlesnik@fit.edu](mailto:cpodlesnik@fit.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).





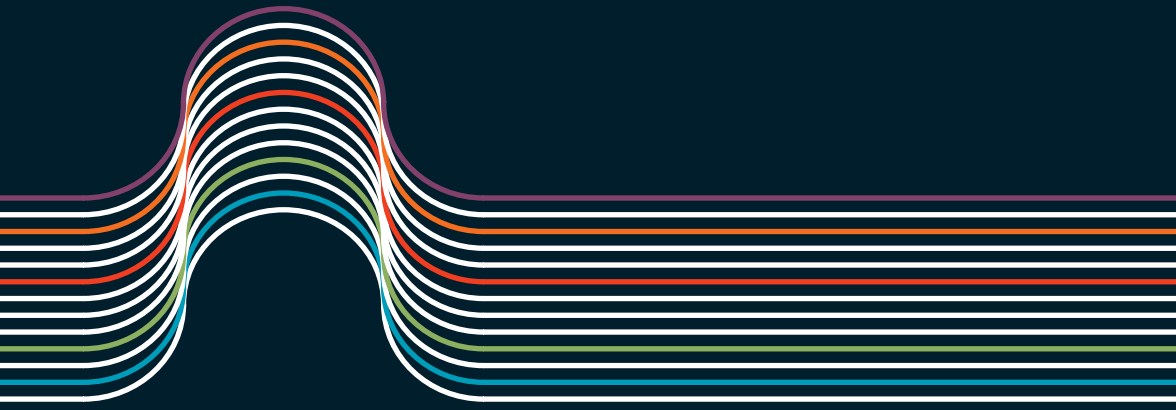


Join us for this one-day conference that will focus on best practices and relevant topics in organizational and behavior management. Attendees will have a unique opportunity to hear invited presentations from leaders in the OBM field.

***OBM***

***in HEALTH and  
HUMAN SERVICES***

***HYATT REGENCY DENVER  
DENVER, COLORADO  
FRIDAY, MAY 26, 2017***



## Program Committee

Donald A. Hantula (chair), Heather McGee, and Manny Rodriguez

## Schedule

All sessions will take place in the Hyatt Regency in Centennial Ballroom D.

Time	Speaker
9:00 am–9:50 am	Aubrey Daniels
9:50 am–10:40 am	Heather McGee
10:40 am–11:00 am	Break
11:00 am–11:50 am	Donald Hantula
11:50 am–12:40 pm	Nicholas Weatherly
12:40 pm–12:50 pm	Break
12:50 pm–1:40 pm	Brett DiNovi
1:40 pm–2:40 pm	Lunch break (attendees on their own)
2:40 pm–3:30 pm	Florence DiGennaro Reed
3:30 pm–4:20 pm	Mark Dixon
4:20 pm–4:40 pm	Break
4:40 pm–5:30 pm	Panel: Robin Catagnus, Jane Howard, Rita Gardner, Linda LeBlanc
5:30 pm–5:50 pm	Closing Remarks
5:50 pm–6:00 pm	Break
6:00 pm–7:00 pm	Organizational Showcase and Roundtable

## #1 Invited Presenter

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9:00 am–9:50 am  
Hyatt Regency, Centennial Ballroom D

### Why OBM?

AUBREY C. DANIELS (Aubrey Daniels and Associates)



Through the workshops, media, and consultations that Aubrey Daniels and Associates have designed, produced, and disseminated, thousands of organizational personnel now recognize the universality of behavioral principles and the breadth and power of applying benign, carefully crafted behavioral procedures. The managerial methods Dr. Daniels models and promotes rapidly generate positive, significant benefits, not just for small organizational segments like management or investors, but organization-wide. Touched by the teaching methods and practices of Aubrey Daniels and Associates' Performance Management, the working lives of personnel at all organizational levels have improved considerably.

**Abstract:** I discovered last year that many students studying behavior analysis think that the science is only about Autism or other forms of developmental disabilities. In reality BA is about behavior, no matter who is the behavior, where they live or where they work and what they do at work. My presentation will present BA applied to the workplace worldwide, some of the challenges we have encountered in the last 40 years of working with organizations around the world. Our company mission is simple: Change the way the world works. We have not done that yet but are on the trail. You can help.

## #2 Invited Presenter

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9:50 am–10:40 am  
Hyatt Regency, Centennial Ballroom D

### Using Behavioral Systems Analysis to Improve the Clinical, Administrative, and Supervision Functions in ABA Service Organizations

HEATHER M. MCGEE (Western Michigan University)



Heather M. McGee is an assistant professor of psychology and chair of the Industrial/Organizational Psychology program at Western Michigan University (WMU). She received her BS (1998), MA (2003), and PhD (2004) from WMU. Her applied and research interests lie in improving organizational performance through interventions based on comprehensive behavioral systems analysis, characteristics and arrangements of feedback and goal setting, behavior based safety, data collection integrity, and instructional technology. Dr. McGee is also a co-founder of, and performance consultant with, Performance Blueprints, a performance improvement consulting firm specializing in helping small businesses, non-profits, and human service settings by providing a variety of consulting and training services. Dr. McGee has designed, developed and implemented organizational performance solutions in a variety of industries and settings, including autism service providers, the pharmaceutical industry, education, and health and human services industries. These solutions have included performance-based instruction, performance management, behavioral systems changes, and lean sigma initiatives. Additionally, Dr. McGee is the Executive Director of the Organizational Behavior Management Network and serves on the editorial board of the *Journal of Organizational Behavior Management*.

**Abstract:** Continuously increasing demands for ABA services, ever changing and expanding licensure and insurance requirements, and demands for quality supervision provision can be overwhelming for even the most well run organization. However, when organizations fail to anticipate, understand, and balance these variables (and the many others impacting organizational performance), the results can be devastating. This workshop will introduce ways in which organizations can regain control over their systems. The focus of the workshop will be on critical system variables that leaders should identify, measure, and manage to ensure clients receive effective treatment, employees receive effective supervision, and organizations remain financially healthy.

### #3 Invited Presenter

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11:00 am–11:50 am  
Hyatt Regency, Centennial Ballroom D

#### Effective Supervision and Ethics

DONALD HANTULA (Temple University)



Donald Hantula is an associate professor of psychology and director of the Decision Laboratory at Temple University, associate editor of the *Journal of Organizational Behavior Management (JOBM)* and editor of *The Behavior Analyst*. His research includes behavior analysis, behavioral economics, human decision making in dynamic environments and technological applications. He has previously held positions as visiting scientist and program director for Decision, Risk, and Management Sciences at the National Science Foundation, in Occupational Health Promotion (Johns Hopkins Medical School), Human Resource Management (King's College), and Management Information Systems (St. Joseph's University) and visiting scholar at University of Nevada, Reno. His research has appeared in *American Psychologist*, *IEEE Transactions*, *JABA*, *JOBM*, *JAP*, *OB&HDP*, and his most recent book is *Consumer Behavior Analysis: (A)Rational Approach to Consumer Choice* (with Victoria Wells).

**Abstract:** Supervising providers of behavioral services effectively has both performance management and ethical implications. In a behavioral perspective, supervision is a reciprocal relationship in which each individual's behavior influences the other. Effective supervision includes careful task analyses, constructive feedback and goalsetting. Ethical supervision includes attention to individual dignity, collaborative problem solving, and correct and current representation of the underlying science.

### #4 Invited Presenter

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11:50 am–12:40 pm  
Hyatt Regency, Centennial Ballroom D



#### Building a Sustainable Clinical Safety Culture

NICHOLAS WEATHERLY (Aubrey Daniels International)

Dr. Nicholas Weatherly is a consultant with Aubrey Daniels International and is a Board Certified Behavior Analyst-Doctoral. Dr. Weatherly is President of the Georgia Association for Behavior Analysis and President-elect of the Association of Professional Behavior Analysts. He received his Ph.D. from Western Michigan University's Applied Behavior Analysis Program where his research and studies centered on performance management interventions, behavior-based safety, behavioral systems analysis, and programmed instruction. Prior to joining ADI, Dr. Weatherly spent 5 years as a university professor, conducting research and teaching courses across a variety of areas of experimental and applied behavior analysis. He has provided consultative services across a number of industries, specializing in organizational assessments, eLearning, and performance measurement systems.

Over the years, Dr. Weatherly has held advisory roles and served on the board of directors for a number of professional associations, advocacy groups, and service facilities including the New York State Association for Behavior Analysis, the Minnesota Northland Association for Behavior Analysis, and the Autism Treatment Association of Minnesota. He is the past president of the Kentucky Association for Behavior Analysis and was the first chair of the Kentucky Applied Behavior Analyst Licensing Board.

**Abstract:** Clinical settings, as with any organization, face their own set of unique challenges and opportunities. Whether you're a new clinician or a veteran leader there are going to be some habits you're trying to get rid of and new habits you're trying to build. Building safe, ethical, and practical habits in your particular clinical setting can lead to demonstrable value, and ensuring your management systems are sustainable and replicable can change your culture and impact growth. The purpose of this address is to discuss safety in the context of organizational culture and multi-level management solutions, while offering tips for sustainable clinical safety systems.

## #5 Invited Presenter

12:50 pm–1:40 pm  
Hyatt Regency, Centennial Ballroom D

### Six Critical Factors to Scale Your Organization With Quality

BRETT DINOVI (Brett DiNovi & Associates)



Brett is the founder and CEO of the largest award winning behavioral consultation group of its kind on the East Coast of the United States which deploys over 300 consultants throughout NJ, PA, NY, DE, and worldwide through the use of remote video consultation. He has the unique and distinguished experience of studying the principles of applied behavior analysis under the rigorous scrutiny of both Dr. Julie S. Vargas (formerly Skinner) and Dr. E. A. Vargas at West Virginia University's internationally recognized program. For the past 27 years, Brett has used behavior analytic principles to create large-scale change across school districts, fortune 500 companies using principles of organizational behavior management (OBM), and across individual learners. Brett has been an OBM consultant in Morgantown, WV, an instructor at West Virginia University, a guest lecturer at numerous universities, a speaker on multiple Comcast Newsmakers TV programs, an expert witness in due process hearings, has publications in the *Journal of Applied Behavior Analysis*, and has been in executive leadership positions across schools and residential programs nationwide. In addition to an award from *South Jersey Biz Magazine* for "Best Places to Work," and an award for "Best of Families" in *Suburban Magazine*, and the distinguished "Top Ranked U.S. Executives" award, Brett's proudest accomplishment is being a role model and father for his daughter and two stepchildren (one of whom has autism).

**Abstract:** Behavior analysts are often cogs in the wheels of organizations reporting to executives with a different perspective on how people should be managed using a medical or financial model of leadership. The actions of these organizations often directly contradict core empirically validated behavior analytic principles resulting in high rates of turnover, low employee engagement, and employee dissatisfaction.

Scientific evidence clearly demonstrates that people should not be motivated through fear, positive reinforcement should not only be delivered at annual performance reviews, employees and coaches require frequent reciprocal feedback, and goal setting with self-monitoring is a key factor driving peak employee performance. Why is it so difficult to put these principles into practice? What can supervisors do within their scope of influence if they are not the CEO? Why are consultants that are experts in the principles of applied behavior analysis teaching it but not doing it themselves or have no history of doing it?

These Organizational Behavior Management principles will be discussed to demonstrate how one organization translates the principles into leadership actions that have resulted in a turnover rate less than 3%, scaled growth and revenue that nearly doubles every year, and employee engagement providing meaningful work for more than 300 people.

## #6 Invited Presenter

2:40 pm–3:30 pm  
Hyatt Regency, Centennial Ballroom D

### Evidence-Based Performance Management: Applying Behavioral Science to Support Practitioners

FLORENCE 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:** Performance management involves the application of behavioral principles to manage the performance of staff. Despite serving as effective change agents for clients, behavior analysts often struggle with motivating and supporting the staff they supervise. This presentation will propose a three-term model for targeting staff behavior, describe evidence-based performance management procedures, and share experimental data and case studies supporting the effectiveness of a behavior analytic approach to staff training and professional development.



## #7 Invited Presenter

3:30 pm–4:20 pm

Hyatt Regency, Centennial Ballroom D

### Scaling Up Autism Intervention Programs With Organizational Behavior Management

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 operant behavior, gambling behavior, and organizational behavior. Mark has published 3 books and over 100 peer reviewed journal articles. He has served as associate editor for *Journal of Applied Behavior Analysis* and *Journal of Organizational Behavior Management*, the editor for the *Analysis of Gambling Behavior*, and a reviewer for over 20 nonbehavioral journals. Dr. Dixon has generated over 1.5 million dollars in funding to infuse behavior analysis within

local schools and treatment facilities, and create a behavioral therapy clinic for persons suffering from problem gambling or obesity. Mark's research and/or expert opinions have been featured in *Newsweek*, *Time*, *The New York Times*, *National Public Radio*, *This American Life*, a *New York Times* best seller, and regional affiliates of ABC, CBS, and PBS.

**Abstract:** Almost two decades of national credentialing of behavior analysts coupled with an exponential rise in the need for treatments of persons with autism, have resulted in organizational behavior analysts standing at the doorstep of endless opportunities by which to enhance these clinical practices. However, in order to truly succeed, OBM will need to be more contemporary than simple reinforcement contingencies, feedback delivery, and even behavioral skills training. This presentation will showcase a series of interventions which done just this - scale up the effectiveness of staff within such treatment programs, empower teachers within autism (and non-autism) classrooms in public schools to greater value their jobs, and develop system-wide interventions to promote sound financial and clinical practices. Together these studies suggest that a contemporary OBM which embodies a contemporary research-to-practice approach can have great utility within a variety of human service settings where client outcomes are just as important as the monetary bottom-line.

## #8 Invited Panel

4:40 pm–5:30 pm

Hyatt Regency, Centennial Ballroom D

### Scaling Up Autism Intervention Programs With Organizational Behavior Management

ROBYN CATAGNUS (The Chicago School of Professional Psychology)



Robyn M. Catagnus, Ed.D., BCBA-D, LBS, is a Board Certified Behavior Analyst at the doctoral level and has been teaching online since 2009. She has more than 20 years of experience and expertise in autism, behavior disorders, early intervention, special education, and positive behavior supports. As a consultant in home, residential, and educational settings, she clinically supervised cases, created staff trainings, conducted workshops, and presented professional development events. Dr. Catagnus has presented nationally at conferences on a variety of ABA topics and was the founder of Clarity Behavioral Consulting, a special education service agency that provided training,

support and supervision to school programs and parents of children with developmental disabilities in Pennsylvania, New Jersey, and Delaware. She built, developed and directed the respected, fast-growing private consulting firm from the ground up, consistently improving and expanding to a 60-employee operation before Clarity was purchased by the Pennhurst Group, LLC, where she served as interim VP of Business Development. Next, she served as the Vice President of Professional Services at an education technology company specializing in online curriculum and staff training for 500+ school districts serving children with autism. Her current appointment is Associate Professor and Chair of the Online campus of the Applied Behavior Analysis Department at The Chicago School of Professional Psychology. The Department offers an ABA Certificate, MS in ABA, and an innovative online Ph.D. in ABA.

Dr. Catagnus is a member of the Trustee of the Cambridge Center for Behavioral Studies, a reviewer for the APA journal *Behavior Analysis: Research and Practice*, "Diversity in Behavior Analysis" section, and a member of the editorial board for *The Behavior Analyst*, the flagship journal of ABAI. She is also the former founding president Multicultural Alliance of Behavior Analysts (MultiABA), a special interest group of ABAI. The purpose of MultiABA is to connect behavior analysts who have an interest or experience in serving multicultural/minority populations, whether they be ethnic, religious, geographic, or socio-economic by promoting the worldwide advancement of multicultural issues through ABA. Her professional interests include online instruction, international dissemination of behavior analysis, and clinical supervision of pre-service behavior analysts. Her research interests include remote clinical supervision, class-wide interventions, cultural competency in behavior analysis, online teaching and professional development, mindfulness for educators, and the intersection of positive psychology and behavior analysis.

## RITA GARDNER (Melmark)



Before being named President and CEO of Melmark in October 2015, Ms. Gardner served as Executive Director of Melmark New England, based in Andover, Massachusetts and founded in 1998 as a division of Melmark, Inc. Ms. Gardner, Frank L. Bird, Executive Vice President and Chief Clinical Officer, Peter J. Troy, Executive Vice President and Helena Maguire, Senior Director of School Services (currently Executive Director) led the development of Melmark New England, which offers approved school, after-school and residential programs, adult day and adult residential programs, public school consultation and family outreach services to more than 500 children and their families each year. In the role as Executive Director, Ms. Gardner focused on fiscal prudence, leading Melmark New England to become one of the most nationally acclaimed providers of behavior analytic services to children and adults with severe challenging behaviors.

Ms. Gardner earned her Master of Public Health degree from Boston University's School of Public Health in the School of Medicine majoring in Behavioral Sciences and Health Services Administration. She became a Board Certified Behavior Analyst (BCBA) in May 2002. Rita has devoted over 30 years of her professional career to the field of community-based services for children and adults with the diagnosis of autism spectrum disorders, acquired brain injuries, neurological disorders and severe challenging behaviors.

Ms. Gardner has been involved in the organization, design, development and implementation of over 50 community-based programs for children and adults. She has written articles for professional journals and made a number of presentations on topics including program expansion, organizational behavior management and transitioning students with brain injury back to the community.

Ms. Gardner has provided project consultation to the Pediatric Alliance for Coordinated Care (PACC), under the direction of the Chief of General Pediatrics at the Children's Hospital, Boston. In addition, Rita has provided organizational consultation to a program for children with Asperger's Syndrome at McLean Hospital and the Crossroads Center for Children, a school for children with autism.

Prior to her work at Children's Hospital, Rita directed the service center of Behavioral Health and Rehabilitative Services for The May Institute. The center serves children and adolescents with acquired brain injuries and includes residential services, a day school, school consultation and home-based family training.

Ms. Gardner's legislative advocacy efforts include involvement in the establishment of the Autism Medicaid Waiver through the Massachusetts Division of Autism. She also sits on advisory committees with the Massachusetts Advocates for Children (MAC) and Advocates for Autism of Massachusetts (AFAM). She is an Advisory Board member to Autism Speaks, a founding Board member of the national Council of Autism Service Providers (CASP). She is an appointed member of the Massachusetts Governor's Autism Commission. She serves as Treasurer of the Board for the Massachusetts Association of Approved Private School (MAAPS), which slates her for President of the Board in two years. Her most recent legislative involvement has been advocating for licensure of Board Certified Behavior Analysts in Massachusetts and the Massachusetts Autism Omnibus Bill.

## JANE HOWARD (Therapeutic Pathways; The Kendall Centers)



Jane Howard, Ph.D., is a board certified behavior analyst—doctoral level (BCBA-D) and a licensed psychologist (California). In 1996 Dr. Howard co-founded Therapeutic Pathways and The Kendall Centers and currently serves as their Chief Executive Officer. Located in California, these agencies currently provide behavior analytic treatment to pediatric and adolescent populations, including comprehensive, intensive intervention to more than 400 individuals diagnosed with autism spectrum disorder.

Dr. Howard is professor emeritus (psychology) at California State University, Stanislaus in Turlock, California, where she taught graduate courses in behavior analysis and child clinical psychology. While at the University she founded The Center for Direct Instruction, an on-campus clinic for children with a range of behavioral and academic needs. Dr. Howard co-authored the textbook *Human Behavior: Analysis and Application* with Ellen Reese. Her research has been published in peer-reviewed journals such as the *Journal of Applied Behavior Analysis*, *The Analysis of Verbal Behavior*, *Research in Developmental Disabilities*, and *Research in Autism Spectrum Disorders*. She is lead author on two widely cited outcome studies comparing different treatments for autism. Dr. Howard has made numerous presentations at international conferences in China, Italy, Sweden, Ireland, South Korea, Japan, Russia, Latvia, Romania, and Poland. Dr. Howard has also served on the Behavior Analyst Certification Board and is the Past President of its Board of Directors. She is also one of the founding members of The Council of Autism Service Providers and sits on its board.

LINDA A. LEBLANC (LeBlanc Behavioral Consulting)



Linda A. LeBlanc, Ph.D., BCBA-D, licensed psychologist is the president of LeBlanc Behavioral Consulting. She previously served as a professor at Claremont McKenna College, Western Michigan University and Auburn University and as the executive director of Trumpet Behavioral Health. She has published over 100 articles and book chapters on topics such as behavioral treatment of autism, technology-based behavioral interventions, behavioral gerontology, and systems development in human services. Dr. LeBlanc is an associate editor for *Behavior Analysis in Practice* and the literature review editor for *Education and Treatment of Children*. She has previously served as an associate editor for *The Analysis of Verbal Behavior* and the *Journal of Applied Behavior Analysis*. She is the 2016 recipient of the American Psychological Association Nathan H. Azrin Award for Distinguished Contribution in Applied Behavior Analysis.

**Abstract:** Organizational behavior management is celebrating decades of applied work across industries, countries, and performance challenges. From time to time, it's always a good idea to gather the perspective of the consumer of our work, namely the executives who sponsor, lead and own the outcomes of OBM efforts. We are honored to provide such a perspective by bringing executives from various human service organizations together to share their thoughts as consumers, practitioners, and leaders of OBM methodologies to make a positive difference in their organizations.

### #9 Organizational Showcase and Roundtable

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6:00 pm–7:00 pm

Hyatt Regency, Centennial Ballroom D

A unique part of our conference is our organizational showcase, where leaders of various human service organizations will discuss applications of OBM. Employee retention, training and development, service integrity, customer satisfaction, and growth are just a few business challenges these professionals have faced, and will come together to share their thoughts on OBM applied in human services. The organizations to be featured include:

- BACA
- PBS
- Melmark
- Easter Seals of Southern California AS
- Comprehensive Autism of Virginia
- DiNovi and Associates
- World Evolve
- Trumpet Behavioral Health
- Therapeutic Pathways

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Remember to visit the exhibitors listed in your exhibitor passport (see your welcome bag) and have each company square initialed. Submit your completed passports to the bookstore.

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Prize drawings at the bookstore will be on Saturday at 7 pm, Sunday at 3 pm; and Monday at 2:30 pm.



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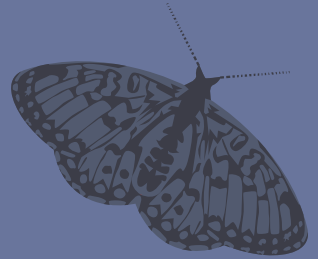


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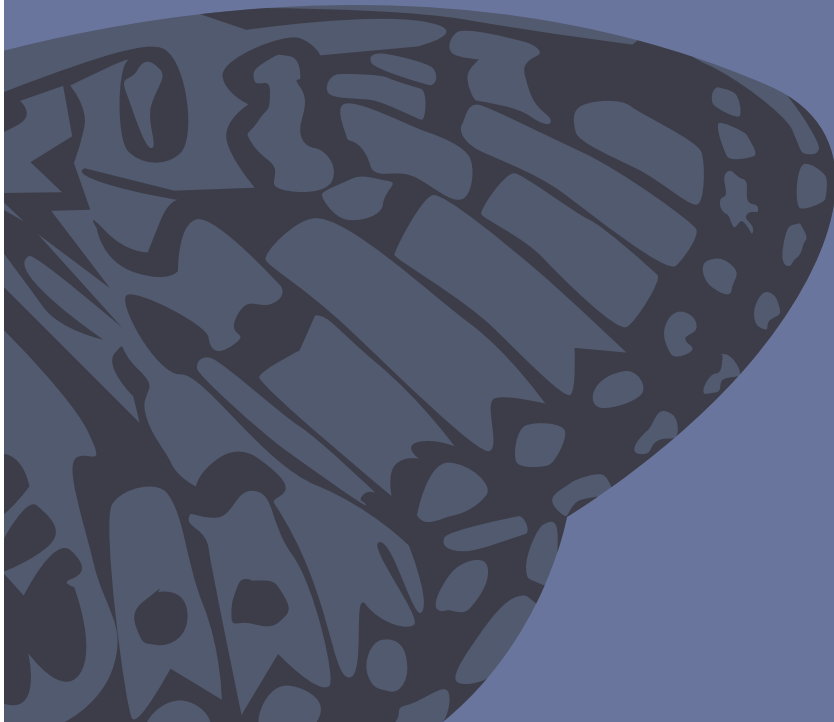
# DENVER2017



Thursday, May 25

Day Schedule

Workshops



# Hyatt Regency Denver; Thursday, 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	
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	Limestone																				

**LEGEND**

-  = Special and Invited Events
-  = B. F. Skinner Lecture Series
-  = ABAI Services
-  = Professional Development Series
-  = BACB CE
-  = PSY CE
-  = QABA CE
-  = Chairperson

Hyatt Regency Denver; Thursday, May 25

3 pm		4 pm		5 pm		6 pm		7 pm		8 pm		9 pm		10 pm		11 pm		Room	
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**Workshops #1-36**  
 Workshops will be assigned to rooms in May. Please check the online program at [www.abainternational.org/events/annual/workshops](http://www.abainternational.org/events/annual/workshops) to find the exact location for your workshop of choice.

# Colorado Convention Center; Thursday, 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	
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Exhibit Hall D																					

Registration and bookstore

Colorado Convention Center; Thursday, May 25

3 pm :00 :30	4 pm :00 :30	5 pm :00 :30	6 pm :00 :30	7 pm :00 :30	8 pm :00 :30	9 pm :00 :30	10 pm :00 :30	11 pm :00 :30	Room	
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									Four Seasons Ballroom 1	
									Four Seasons Ballroom 2	
									Four Seasons Ballroom 3	
									Four Seasons Ballroom 4	
Registration and bookstore									Exhibit Hall D	

**LEGEND**

-  = Special and Invited Events
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-  = ABAI Services
-  = Professional Development Series
- † = BACB CE
- ‡ = PSY CE
- § = QABA CE
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**Workshop #1** **CE: PSY/BACB; Ethics**

4:00 pm–7:00 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 #2** **CE: PSY/BACB**

4:00 pm–7:00 pm  
 AUT  
 CE Instructor: Catherine Horton, M.S.

**Hot Topics in Communication Intervention**  
 CATHERINE HORTON, LORI FROST, and JAIME WEDEL (Pyramid Educational Consultants)

**Audience:** 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 with communication training with children and adults with disabilities including ASD.

**Level:** Intermediate

**Workshop #3** **CE: BACB/PSY/QABA**

4:00 pm–7:00 pm  
 AUT  
 CE Instructor: Evelyn Amanda Boutot, Ph.D.

**Application of the Play and Language Program for Early Autism Intervention**

EVELYN AMANDA BOUTOT (Texas State University) and SAMUEL DIGANGI (Arizona State University)

**Audience:** BCaBAs and CBAs/BCBA-Ds working with infants, toddlers and/or preschoolers with autism spectrum disorder or other developmental disability or delay. Target audience are those whose responsibility it is to assess for initial program development and/or on-going progress monitoring.

**Level:** Basic

**Workshop #4** **CE: PSY/BACB**

4:00 pm–7:00 pm  
 AUT  
 CE Instructor: Bobbie Gallagher, M.A.

**Sexuality and Safety for Individuals With Autism Spectrum Disorder and Developmental Disabilities**

BOBBIE GALLAGHER (Autism Center for Educational Services; The Chicago School of Professional Psychology)

**Audience:** Intermediate to advanced CBAs are the appropriate audience. Those with experience working with adolescents and adults.

**Level:** Intermediate

**Workshop #5** **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, PAMELA NICHOLE PETERSON, BRIANNA RACHEL HOLOHAN, and CAROLYN WALKER (The New England Center for Children)

**Audience:** Intermediate

**Level:** Intermediate

**Workshop #6** **CE: PSY/BACB**

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

**Parent Training: One Size Does Not Fit All**  
 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.

**Level:** Intermediate

**Workshop #7** **CE: PSY/BACB**

4:00 pm–7:00 pm  
 AUT  
 CE Instructor: Robert K. Ross, Ed.D.

**Teaching Play Skills and Establishing Creativity in Children With Autism Spectrum Disorder**

ROBERT K. ROSS and JENNIFER SMITH (Beacon ABA Services)

**Audience:** Certified behavior analysts, graduate students, ABA practitioners

**Level:** Intermediate



<p><b>Workshop #8</b> <span style="float: right;"><b>CE: PSY/BACB</b></span></p> <p>4:00 pm–7:00 pm AUT CE Instructor: Jennifer Yakos, M.A.</p> <p><b>Rules to Live By: Teaching Rule-Governed Behavior to Individuals With Autism Spectrum Disorder</b> JENNIFER YAKOS and CECILIA KNIGHT (Institute for Behavioral Training)</p> <p><b>Audience:</b> This workshop is appropriate for BCBAs, BCaBAs, educators, therapists, administrators, and other professionals involved in the development and implementation of treatment for individuals with ASD.</p> <p><b>Level:</b> Intermediate</p>	<p><b>Workshop #13</b> <span style="float: right;"><b>CE: PSY/BACB</b></span></p> <p>4:00 pm–7:00 pm BPN CE Instructor: Elizabeth Dayton, M.S.</p> <p><b>Medication and Applied Behavior Analysis: Best When Taken Together</b> ANNA MARIE DIPIETRO and ELIZABETH DAYTON (Melmark), JENNIFER QUIGLEY (Melmark; The Chicago School of Professional Psychology), and TIMOTHY NIPE (Melmark; Endicott College)</p> <p><b>Audience:</b> The target audience for this workshop includes BCBAs, 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.</p> <p><b>Level:</b> Intermediate</p>
<p><b>Workshop #10</b> <span style="float: right;"><b>CE: PSY/BACB; Ethics</b></span></p> <p>4:00 pm–7:00 pm AUT CE Instructor: John C. Neill, Ph.D.</p> <p><b>Neurobehavioral Analysis of Epilepsy</b> JOHN C. NEILL (Long Island University)</p> <p><b>Audience:</b> Applied behavior analysts, special education teachers, psychologists and therapists who write behavior plans for individuals with developmental disabilities</p> <p><b>Level:</b> Intermediate</p>	<p><b>Workshop #14</b> <span style="float: right;"><b>CE: PSY/BACB</b></span></p> <p>4:00 pm–7:00 pm CBM CE Instructor: Jeannie A. Golden, Ph.D.</p> <p><b>Treating Children With Behavioral and Emotional Disorders: Integrating Emotional and Moral Behaviors to Promote Generalization</b> JEANNIE A. GOLDEN (East Carolina University)</p> <p><b>Audience:</b> Participants would include board certified behavior analysts, psychologists, counselors, health care providers, social workers and/or teachers who serve children with developmental disabilities or children who are typically-developing who have emotional difficulties and/or have been given psychiatric diagnoses.</p> <p><b>Level:</b> Intermediate</p>
<p><b>Workshop #11</b> <span style="float: right;"><b>CE: PSY/BACB</b></span></p> <p>4:00 pm–7:00 pm AUT CE Instructor: Laura Kenneally, Ed.D.</p> <p><b>How to Teach ABA Visually for Parents, Paras and RBTs to Implement and Maintain Home or School Programs</b> LAURA KENNEALLY (Advance Learning Center)</p> <p><b>Audience:</b> BCBAs, teachers, administrators, CST members</p> <p><b>Level:</b> Intermediate</p>	<p><b>Workshop #15</b> <span style="float: right;"><b>CE: BACB/PSY/QABA</b></span></p> <p>4:00 pm–7:00 pm CBM CE Instructor: Victoria Stout Kubal, M.S.</p> <p><b>Behavioral Relaxation: Training and Scale</b> VICTORIA STOUT KUBAL (California Consulting and Research Institute)</p> <p><b>Audience:</b> 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 disabilities; 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.</p> <p><b>Level:</b> Basic</p>
<p><b>Workshop #12</b> <span style="float: right;"><b>CE: PSY/BACB</b></span></p> <p>4:00 pm–7:00 pm AUT CE Instructor: John W. Esch, Ph.D.</p> <p><b>Recent Research on Emergent Behavior: How to Get Started</b> JOHN W. ESCH (Esch Behavior Consultants, LLC)</p> <p><b>Audience:</b> The workshop is designed for BCBAs, BCaBAs with experience in providing direct instruction to persons with an ASD diagnosis and for persons who are responsible for the supervision of others providing direct instruction.</p> <p><b>Level:</b> Intermediate</p>	

**Workshop #16** **CE: PSY/BACB**  
 4:00 pm–7:00 pm  
 CBM  
 CE Instructor: Michael P. Mozzoni, Ph.D.

**Brain Injury and ABA: Acquiring Skills to Manage Behavior**

MICHAEL P. MOZZONI (Mozzoni Associates LLC BCBA-Applied Neurobehavioral Services) and DIXIE D. EASTRIDGE (Learning Services Neurobehavioral Institute)

**Audience:** Intermediate Skill Level. Teachers, rehabilitation professionals and behavior analysts who wish to expand their scope of practice are strongly encouraged to attend.

**Level:** Intermediate

**Workshop #17** **CE: PSY/BACB**  
 4:00 pm–7:00 pm  
 CSS  
 CE Instructor: Molli Luke, Ph.D.

**The Matrix Project: Using Behavior Analysis to Promote Social Change**

MOLLI LUKE (Behavior Analyst Certification Board; Behaviorists for Social Responsibility), TRACI M. CIHON (University of North Texas; Behaviorists for Social Responsibility), MARK A. MATTAINI (Jane Addams College of Social Work-University of Illinois at Chicago; Behaviorists for Social Responsibility), RICHARD F. RAKOS (Cleveland State University; Behaviorists for Social Responsibility), HOLLY SENIUK (University of Nevada, Reno; Behaviorists for Social Responsibility), JOMELLA WATSON-THOMPSON (The University of Kansas; Behaviorists for Social Responsibility)

**Audience:** Graduate students, graduate level behavior analysts (BCBAs), and faculty members.

**Level:** Intermediate

**Workshop #18** **CE: BACB/PSY/QABA**  
 4:00 pm–7:00 pm  
 DDA  
 CE Instructor: Jeffrey Skowron, Ph.D.

**Learn to Play and Play to Learn: Integrating Verbal and Social Skills Instruction Into Common Play Activities**

JEFFREY SKOWRON and KELLEY HENRY (Beacon ABA Services, Inc.)

**Audience:** Intermediate

**Level:** Intermediate

**Workshop #19** **CE: BACB; Supervision**  
 4:00 pm–7:00 pm  
 EDC  
 CE Instructor: Thomas L. Sharpe, Jr., Ed.D.

**Using Applied Behavior Analysis in K–12 Teacher Supervision, Training, and Professional Evaluation: Practice and Hands-on Application of ObserverWare Software**

THOMAS L. SHARPE, JR. (Educational Consulting, Inc.; ABA Therapy Solutions, LLC) and JOHN KOPERWAS (Educational Consulting, Inc.)

**Audience:** K–12 lead teachers and administrators engaged in the ongoing supervision and evaluation of teachers on the job. Advanced graduate students and behavior analysts working in the area of professional teacher education in specific, and in the area of postsecondary training for professional competencies in general. Those working in postsecondary educational settings where focus is on the education, on-site training, and assessment of professional practice competencies, and who are challenged with how to teach, describe, and analyze highly interactive behavioral transactions that characterize education settings should find the workshop experience and complimentary materials particularly appealing to a wide range of professional training, assessment, and applied research applications.

**Level:** Intermediate

**Workshop #20** **CE: BACB**  
 4:00 pm–7:00 pm  
 EDC  
 CE Instructor: Fawna Stockwell, Ph.D.

**Never Too Late for Sex Ed: A Behavior Analytic Opportunity to Build Your Sexual Knowledge**

SARAH WORNER and FAWNA STOCKWELL (Upswing Advocates)

**Audience:** This workshop content is geared towards a general population audience and anyone who feels they may benefit from more comprehensive, behavior analytic sexual education; behavior analysts and other educators who have clients who may benefit from more comprehensive, behavior analytic sexual education; behavior analysts and other educators seeking behavior analytic content for sexual education.

**Level:** Basic

<p><b>Workshop #21</b>            <b>CE: PSY/BACB; Supervision</b></p> <p>4:00 pm–7:00 pm OBM CE Instructor: Guy S. Bruce, Ed.D.</p> <p><b>Part One: Effective Supervisors Do What It Takes! Improving Staff and Organizational Performance to Achieve Desired Client Outcomes</b> GUY S. BRUCE (Appealing Solutions, LLC)</p> <p><b>Audience:</b> This three-part workshop is for supervisors, staff trainers, program designers, and directors of schools and agencies serving people with learning difficulties. Attend this workshop to learn the skills needed to ensure that employees are effective in helping clients achieve their goals! Earn a total of 12 CEUs by completing all three parts. (You may use 3 of these to meet the new BACB requirement for supervisors.)</p> <p><b>Level:</b> Intermediate</p>	<p><b>Workshop #25</b>            <b>CE: PSY/BACB; Ethics</b></p> <p>4:00 pm–7:00 pm PRA CE Instructor: Michael Weinberg, Ph.D.</p> <p><b>Molecular Functional Analysis: Ethical and Legal Challenges and Potential Solutions</b> MICHAEL WEINBERG (Orlando Behavior Health Services, LLC; Amego, Inc.; BEST Consulting Services) and WILLIAM T. MARSH (Brevard Public Schools)</p> <p><b>Audience:</b> Intermediate to Advanced audience. Participants should have training and experience with use of at least descriptive assessment methods and awareness of prevailing functional analysis methodology such as analog conditions (i.e. Iwata et. al., 1982/1994).</p> <p><b>Level:</b> Intermediate</p>
<p><b>Workshop #22</b>            <b>CE: PSY/BACB; Ethics</b></p> <p>4:00 pm–7:00 pm OBM CE Instructor: Adam E. Ventura, M.S.</p> <p><b>Leadership in Behavior Analysis: How to Use Behavioral Science to Lead Ethically in Our Field</b> ADAM E. VENTURA (World Evolve, Inc.) and ASHLEY TUDOR (none)</p> <p><b>Audience:</b> Workshop target audience is ABA Managers, ABA business owners, ABA Supervisors, ABA program directors, ABA clinical directors, and ABA administrators.</p> <p><b>Level:</b> Intermediate</p>	<p><b>Workshop #26</b>            <b>CE: BACB/QABA</b></p> <p>4:00 pm–7:00 pm PRA CE Instructor: Cody Morris, M.A.</p> <p><b>A Practitioner's Guide to Building a Customized Electronic Data Collection System Using Microsoft Excel</b> CODY MORRIS, NEIL DEOCHAND, and NATHAN VANDERWEELE (Western Michigan University)</p> <p><b>Audience:</b> Any practitioner with a basic understanding of behavior analytic data collection procedures. Familiarity with Microsoft Excel is not required.</p> <p><b>Level:</b> Basic</p>
<p><b>Workshop #23</b>            <b>CE: PSY/BACB</b></p> <p>4:00 pm–7:00 pm PCH CE Instructor: Andy Bondy, Ph.D.</p> <p><b>Stimulus Control and its Relationship to Teaching, Prompting, Error Correction, and Errorless Learning</b> ANDY BONDY and ANTHONY CASTROGIOVANNI (Pyramid Educational Consultants, Inc.)</p> <p><b>Audience:</b> Anyone arranging lessons for a variety of learners in which prompts or shaping play a prominent role. This may include behavior analysts, speech/language pathologists, teachers or others involved with communication training with children and adults with disabilities including ASD.</p> <p><b>Level:</b> Intermediate</p>	<p><b>Workshop #27</b>            <b>CE: PSY/BACB; Ethics</b></p> <p>4:00 pm–7:00 pm PRA CE Instructor: Erica Jowett Hirst, Ph.D.</p> <p><b>A Practitioner's Guide to Clinical Decision Making</b> ERICA JOWETT HIRST (Southern Illinois University Carbondale)</p> <p><b>Audience:</b> The target audience is graduate students and new practitioners (less than 5 years experience).</p> <p><b>Level:</b> Intermediate</p>
<p><b>Workshop #24</b>            <b>CE: BACB/PSY/QABA; Ethics</b></p> <p>4:00 pm–7:00 pm PRA CE Instructor: Weihe Huang, Ph.D.</p> <p><b>Solving Ethical Dilemmas in the Practice of Applied Behavior Analysis</b> WEIHE HUANG (Creating Behavioral + Educational Momentum)</p> <p><b>Audience:</b> The workshop level is intermediate. The target audience of this workshop include BCBA-Ds, BCBAs, BCABAs, RBTs, and behavioral service providers.</p> <p><b>Level:</b> Intermediate</p>	<p><b>Workshop #28</b>            <b>CE: BACB/PSY/QABA</b></p> <p>4:00 pm–7:00 pm PRA CE Instructor: Joseph H. Cihon, M.S.</p> <p><b>A Progressive Approach to Discrete Trial Teaching: Some Current Guidelines</b> JUSTIN B. LEAF (Autism Partnership Foundation), JOSEPH H. CIHON (Autism Partnership Foundation; Endicott College), and RONALD LEAF, JOHN JAMES MCEACHIN, MITCHELL T. TAUBMAN, and JULIA FERGUSON (Autism Partnership Foundation)</p> <p><b>Audience:</b> Behavior analysts who have previous experience working with individuals diagnosed with autism or developmental disabilities and who have and have not implemented DTT.</p> <p><b>Level:</b> Basic</p>

**Workshop #29**      **CE: BACB/PSY/QABA; Ethics**

4:00 pm–7:00 pm  
PRA  
CE Instructor: Janet L. Montgomery, M.S.

**Marijuana, Client Abuse, and Coursework: Applying the Professional and Ethical Compliance Code for Behavior Analysts**

JANET L. MONTGOMERY, CHRISTI A. REED, and EMILY MEYER (ABA Technologies Inc.; Florida Institute of Technology)

**Audience:** This workshop is appropriate for practicing BCaBAs and BCBAAs at all levels interested in additional BACB Code Practice.

**Level:** Advanced

**Workshop #30**      **CE: BACB/PSY/QABA**

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

**Inner Behavior: Changing Thoughts, Feelings, and Urges**

ABIGAIL B. CALKIN (Calkin Consulting Center)

**Audience:** Psychologists, clinical behavior analysts, parents and teachers of regular or special education children, including those with behavior disorders.

**Level:** Intermediate

**Workshop #31**      **CE: BACB; Ethics**

4:00 pm–7:00 pm  
PRA  
CE Instructor: Misty Jones, M.A.

**The Business of Applied Behavior Analysis: Setting Up, Growing, and Maintaining Applied Behavior Analysis Businesses**

PETER STURMEY (The Graduate Center and Queens College, City University of New York), ADRIENNE FITZER (The Applied Behavior Analysis Center, Inc.), and MISTY JONES (Long Island ABA)

**Audience:** The target audience includes graduate level trainees in ABA and new practitioners considering or involved in setting up ABA businesses.

**Level:** Intermediate

**Workshop #32**      **CE: BACB**

4:00 pm–7:00 pm  
PRA  
CE Instructor: Annette Griffith, Ph.D.

**Basic Statistics for Behavior Analysts**

ANNETTE GRIFFITH, JACK SPEAR, and CHRYSYAL JANSZ RIEKEN (The Chicago School of Professional Psychology)

**Audience:** This workshop will be targeted towards clinicians, with BCaBA and BCBA certification.

**Level:** Basic

**Workshop #33**      **CE: PSY/BACB; Ethics**

4:00 pm–7:00 pm  
PRA  
CE Instructor: Noelle Neault, Ph.D.

**Incorporating Cultural Consideration Tactics into Applied Practice**

NOELLE NEAULT (Simmons College)

**Audience:** Intermediate

**Level:** Intermediate

**Workshop #34**      **CE: PSY/BACB**

4:00 pm–7:00 pm  
TBA  
CE Instructor: Monica Gilbert, M.S.

**Using Motivational Interviewing (MI) to Enhance Caregivers Cooperation and Application of Applied Behavior Analysis Interventions**

MONICA GILBERT (Crystal Minds New Beginning)

**Audience:** BCaBA, BCBA, graduate students and Licensed psychologist

**Level:** Basic

**Workshop #35**      **CE: PSY/BACB; Supervision**

4:00 pm–7:00 pm  
TBA  
CE Instructor: Dana R. Reinecke, Ph.D.

**Ethics and Technology in BACB Supervision: Safe and Effective Practices**

DANA R. REINECKE (Long Island University Post; SupervisorABA), CHERYL J. DAVIS (7 Dimensions Consulting; SupervisorABA)

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

**Level:** Advanced

**Workshop #36**      **CE: PSY/BACB**

4:00 pm–7:00 pm  
VRB  
CE Instructor: Vivian A. Attanasio, M.S.

**Verbal Behavior and Using VB Programming and Competency Checklists in Developing Communication Skills With Adults**

AMANDA DUVA, VIVIAN A. ATTANASIO, and AMY RACHEL BUKSZPAN (Services for the Underserved)

**Audience:** BCBAAs, BCaBAAs, RBTs and clinicians working with children and adults who demonstrate communication deficits.

**Level:** Basic





# DENVER2017



Friday, May 26

Day Schedule

Workshops

Sessions









## Colorado Convention Center; Friday, 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	
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	Mile High Ballroom 1CD																			
	Mile High Ballroom 1EF																			
	Mile High Ballroom 2A																			
	Mile High Ballroom 2B																			
	Mile High Ballroom 2C																			
	Mile High Ballroom 3A																			
	Mile High Ballroom 3B																			
	Mile High Ballroom 3C																			
	Mile High Ballroom 4AB																			
	Mile High Ballroom 4CD																			
	Mile High Ballroom 4EF																			
	Four Seasons Ballroom 1																			
	Four Seasons Ballroom 2																			
	Four Seasons Ballroom 3																			
	Four Seasons Ballroom 4																			
	Exhibit Hall D				Registration and bookstore															

# Colorado Convention Center; Friday, May 26

3 pm	4 pm	5 pm	6 pm	7 pm	8 pm	9 pm	10 pm	11 pm	Room		
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									Mile High Ballroom 3B		
									Mile High Ballroom 3C		
									Mile High Ballroom 4AB		
									Mile High Ballroom 4CD		
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									Four Seasons Ballroom 2		
									Four Seasons Ballroom 3		
									Four Seasons Ballroom 4		
Registration and bookstore										Exhibit Hall D	

**LEGEND**

- = Special and Invited Events
- = B. F. Skinner Lecture Series
- = ABAI Services
- = Professional Development Series
- † = BACB CE
- ‡ = PSY CE
- § = QABA CE
- Ch. = Chairperson

# Catalyst

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**DataFinch**  
TECHNOLOGIES

**Workshop #37****CE: PSY/BACB**

8:00 am–3:00 pm  
 AAB  
 CE Instructor: Susan G. Friedman, Ph.D.

**Expanding Our Reach: Applied Behavior Analysis Goes Bananas**

SUSAN G. FRIEDMAN (Utah State University) and  
 KENNETH T. RAMIREZ (John G. Shedd Aquarium)

**Audience:** This workshop is relevant to all attendees of ABA conference interested in animal applications of ABA.

**Level:** Basic**Workshop #38****CE: BACB/PSY/QABA; Ethics**

8:00 am–3:00 pm  
 AAB  
 CE Instructor: Lindsay Renee Mehrkam, Ph.D.

**Extending Behavior Analysis in Zoos and Aquariums**

LINDSAY RENEE MEHRKAM (Monmouth University), NICOLE R. DOREY (University of Florida), and EMILY INSALACO (Denver Zoo)

**Audience:** This workshop is designed for individuals interested in the application of behavior analytic principles in zoos and aquariums. Participants will learn how zoos develop and review training and enrichment programs using single-subject design methodology and individual-level analysis to facilitate husbandry goals for a variety of species. Participants will also learn how to successfully implement assessment and evaluation tools for husbandry strategies in zoological settings.

**Level:** Basic**Workshop #39****CE: PSY/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, DONNA MARIE BANZHOF, 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: PSY/BACB**

8:00 am–3:00 pm  
 AUT  
 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 (Chicago School of Professional Psychology; Bucks County Intermediate Unit) 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 #41****CE: PSY/BACB; Ethics**

8:00 am–3:00 pm  
 AUT  
 CE Instructor: Joshua Jessel, Ph.D.

**Developing an Effective Skill-Based Treatment Following a Safe and Efficient Functional Analysis Model**

JOSHUA JESSEL (Child Study Center) and MAHSHID  
 GHAEMMAGHAMI (University of the Pacific)

**Audience:** BCBA-Ds, BCBAs, 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:** Intermediate**Workshop #42****CE: PSY/BACB**

8:00 am–3:00 pm  
 AUT  
 CE Instructor: Jana M. Sarno, M.A.

**Towards Identifying, Shaping, and Maintaining Professional Soft Skills for Behavior-Analytic Practitioners**

JANA M. SARNO (Autism Home Support Services),  
 KATRINA OSTMEYER (Integrated Behavioral Technologies, Inc.), and LINDA S. HEITZMAN-  
 POWELL (The University of Kansas Medical Center)

**Audience:** BCBAs; Supervisors, Licensed Behavior Analysts, and BCaBAs

**Level:** Intermediate

Friday, May 26

<b>Workshop #43</b> 8:00 am–3:00 pm AUT CE Instructor: Ashley Rodman, M.S.	<b>CE: BACB/PSY/QABA</b>	<b>Workshop #47</b> 8:00 am–3:00 pm AUT CE Instructor: Nancy J. Champlin, M.A.	<b>CE: PSY/BACB</b>
<b>Running Effective Behavior Analytic Social Skills Groups</b> ASHLEY RODMAN, MEGHAN GLADU, FRANCES NIEVES SERRET, GINETTE WILSON BISHOP, and KATHERINE A. JOHNSON (Advances Learning Center)		<b>The Use of Behavioral Interventions to Teach Developmentally Appropriate Play Skills</b> NANCY J. CHAMPLIN and MELISSA SCHISLER (ACI Learning Centers)	
<b>Audience:</b> The intended audience includes Board Certified Behavior Analysts who train staff to run social skills groups; teachers, SLP's, behavioral instructors, or therapists who run social skills groups; school staff intending to implement social skills instruction as a part of their curriculum; and anyone currently running social skills groups or wishing to run them in the future.		<b>Audience:</b> Intermediate <b>Level:</b> Intermediate	
<b>Level:</b> Intermediate	<b>CE: PSY/BACB</b>	<b>Workshop #48</b> 8:00 am–3:00 pm AUT CE Instructor: Barbara E. Esch, Ph.D.	<b>CE: PSY/BACB</b>
<b>Workshop #44</b> 8:00 am–3:00 pm AUT CE Instructor: Mary Lynch Barbera, Ph.D.		<b>Developing Vocal Verbal Behavior: Foundation Skills and Target Selection for Early Speech Learners</b> BARBARA E. ESCH (Esch Behavior Consultants, LLC)	
<b>Using the VB-MAPP to Assess and Program for Early and Intermediate Learners With Autism</b> MARY LYNCH BARBERA (Barbera Behavior Consulting, LLC)		<b>Audience:</b> Intermediate Speech pathologists, behavior analysts, classroom teachers, program directors, clinicians, and anyone responsible for helping individuals acquire functional speech skills	
<b>Audience:</b> The primary audience for this workshop is BCBA's, licensed psychologists, and educators working in ABA settings with children with autism. Participants should have some familiarity with Skinner's analysis of verbal behavior, the elementary verbal operants and the VB-MAPP. BCaBAs, students, and parents with strong backgrounds in ABA/VB are also welcome.		<b>Level:</b> Intermediate	
<b>Level:</b> Intermediate	<b>CE: PSY/BACB</b>	<b>Workshop #49</b> 8:00 am–3:00 pm AUT CE Instructor: Sonja R. de Boer, Ph.D.	<b>CE: PSY/BACB</b>
<b>Workshop #45</b> 8:00 am–3:00 pm AUT CE Instructor: Matthew A. T. Lehman, M.S.		<b>Successful Inclusion Practices for Children With Autism Spectrum Disorder</b> SONJA R. DE BOER (Woodbury Autism Education and Research)	
<b>Developmentally Appropriate Applied Behavioral Analysis: How to Accelerate Progress</b> LAUREN ELDER, MATTHEW A.T. LEHMAN, and KAT CHAPMAN (ABA Behavior Therapies & Testing)		<b>Audience:</b> Educational Professionals (Inclusion Facilitators, Behavior Specialists, Special Education Teachers) and Behavior Analysts (BCaBA, BCBA) working with students with autism in both special education and general education school environments.	
<b>Audience:</b> BCBA's, BCaBAs, other treatment providers, agency owners		<b>Level:</b> Intermediate	
<b>Level:</b> Intermediate	<b>CE: PSY/BACB; Supervision</b>	<b>Workshop #50</b> 8:00 am–3:00 pm AUT CE Instructor: Andrew John Houvouras, M.A.	<b>CE: BACB</b>
<b>Workshop #46</b> 8:00 am–3:00 pm AUT CE Instructor: Richard M. Kubina, Ph.D.		<b>Putting the Fun Back Into Functional Assessment and Analyses: A Functional Assessment KIT (Knowledge, Information, Technology)</b> ANDREW JOHN HOUVOURAS (Brevard Public Schools)	
<b>Elevating Decision Making With the Standard Celeration Chart</b> RICHARD M. KUBINA (Penn State University)		<b>Audience:</b> The targeted audience are intermediate behavior analysts. Computers with MS Excel are necessary for this workshop.	
<b>Audience:</b> Basic		<b>Level:</b> Intermediate	
<b>Level:</b> Basic			

**Workshop #51****CE: PSY/BACB**

8:00 am–3:00 pm  
 CSS  
 CE Instructor: Anthony Biglan, Ph.D.

**Evolving More Nurturing Societies Through Behavioral Science**  
 ANTHONY BIGLAN (Oregon Research Institute)

**Audience:** The target audience for this workshop includes professionals, specifically, behavior analysts, healthcare providers, teachers, school administrators, and family therapists

**Level:** Intermediate

**Workshop #52****CE: PSY/BACB; Ethics**

8:00 am–3:00 pm  
 DDA  
 CE Instructor: Frank R. Cicero, Ph.D.

**Promoting Effective Behavioral Sexual Education and Instruction for Individuals With Developmental Disabilities and Autism Spectrum Disorder**

FRANK R. CICERO (Seton Hall University), SORAH STEIN (Partnership for Behavior Change)

**Audience:** The current workshop content is geared towards the following **Audience:** 1. Experienced behavior analysts who have a desire to learn how to apply behavioral principles and teaching methods to the subject of sexual behavior. 2. Educators and related service professionals who have a behavioral background and work with children with developmental issues that have needs in the area of sexuality. 3. Although not specifically geared towards parents and family members of individuals with needs, parents would be welcomed to attend.

**Level:** Intermediate

**Workshop #53****CE: PSY/BACB; Ethics**

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

**Special Education Law and the Practicing Behavior Analyst: Legal and Ethical Considerations**  
 MELISSA L. OLIVE (Applied Behavioral Strategies LLC)

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

**Level:** Intermediate

**Workshop #54****CE: PSY/BACB; Supervision**

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

**Part Two: Effective Supervisors Do What It Takes! Improving Staff and Organizational Performance to Achieve Desired Client Outcomes**  
 GUY S. BRUCE (Appealing Solutions, LLC)

**Audience:** This three-part workshop is for supervisors, staff trainers, program designers, and directors of schools and agencies serving people with learning difficulties. Attend this workshop to learn the skills needed to ensure that employees are effective in helping clients achieve their goals! Earn a total of 12 CEUs by completing all three parts. (You may use 3 of these to meet the new BACB requirement for supervisors.)

**Level:** Intermediate

**Workshop #55****CE: BACB; Supervision**

8:00 am–3:00 pm  
 PCH  
 CE Instructor: Celso Socorro Oliveira, Ph.D.

**Practicing Stimulus Equivalence Experiments With MTS Lab Software**  
 CELSO SOCORRO OLIVEIRA (Sao Paulo State University)

**Audience:** Undergraduate professors; teachers of disabled people who want to use stimulus equivalence as a tool

**Level:** Basic

**Workshop #56****CE: PSY/BACB; Supervision**

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

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

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

**Level:** Intermediate

**Workshop #57****CE: PSY/BACB; Supervision**

8:00 am–3:00 pm  
 PRA  
 CE Instructor: William Tim Courtney, M.S.

**Supervision Training for Supervisors of ABA Staff**  
 WILLIAM TIM COURTNEY and VINCENT LAMARCA (Little Star Center)

**Audience:** For BCBA practitioners who provide supervision to ABA staff (including Registered Behavior Technicians, paraprofessionals, teaching assistants, etc).

**Level:** Intermediate

Friday, May 26



**Workshop #58 CE: BACB/PSY/QABA; Supervision**

8:00 am–3:00 pm  
PRA  
CE Instructor: Thomas G. Szabo, Ph.D.

**Acceptance and Commitment Therapy for Behavior Analysts: Behavioral Flexibility Training Within Your Scope of Practice**

THOMAS G. SZABO (Florida Institute of Technology) and JONATHAN J. TARBOX (FirstSteps for Kids; University of Southern California)

**Audience:** This workshop does not require previous training in basic principles of learning or ACT. It is geared to be an introductory level workshop that anyone can attend. However, there is a significant amount of new material here that will be of value to those that are well trained in conceptual, experimental, applied research, and practice domains of the science. Therefore, we strongly encourage intermediate and advanced learners to attend.

**Level:** Basic

**Workshop #59 CE: PSY/BACB**

8:00 am–3:00 pm  
TBA  
CE Instructor: Jesus Rosales-Ruiz, Ph.D.

**PORTL: Your Portable Skinner Box for Teaching Behavioral Principles**

JESUS ROSALES-RUIZ (University of North Texas) and MARY ELIZABETH HUNTER (The Art and Science of Animal Training)

**Audience:** This workshop is designed for anyone who is interested in teaching others about basic behavioral principles and who is interested in teaching others about how to design and implement teaching programs. University professors will find the material useful for their undergraduate and graduate behavior classes. BCBAs and licensed psychologists will find the material useful for training practitioners and therapists.

**Level:** Intermediate

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

8:00 am–3:00 pm  
TBA  
CE Instructor: Alyssa N. Wilson, Ph.D.

**Getting the Most out of Supervision: Using Behavioral Techniques to Enhance Supervision**

ALYSSA N. WILSON and HEATHER LYNN LEWIS (Saint Louis University)

**Audience:** The nature of the workshop will be geared towards behavior analysts who have had minimal supervision experience. The content of the workshop will be focused on more intermediate and advanced topics often faced by supervisors, while attendees with little or advanced knowledge and/or experience with supervision will also be challenged to think outside of the box when it comes to delivering effective supervision.

**Level:** Basic

**Workshop #61****CE: PSY/BACB**

8:00 am–3:00 pm  
VRB  
CE Instructor: Susan Buttigieg, Ph.D.

**Verbal Behavior Development Protocols: The Foundations of Language Development From Imitation to Naming**

SUSAN BUTTIGIEG (Teachers College, Columbia University; Manhattanville College) and LIN DU (Teachers College, Columbia University)

**Audience:** The target audience for this workshop includes BACB certificants and licensed psychologists, behavior analysts, (BCaBAs, BCBAs, BCBA-Ds), speech therapists, supervisors, or paraprofessionals who are working with children with and without disabilities. Please note, participants should be well-versed in the vocabulary of the science of behavior, including basic verbal operants, probes, and trials.

**Level:** Intermediate

**Workshop #62 CE: PSY/BACB; Ethics**

4:00 pm–7:00 pm  
AAB  
CE Instructor: Alexandra Protopopova, Ph.D.

**Science at the Animal Shelter: Research Designs, Ethics, and Effective Collaborations With Animal Professionals**

ALEXANDRA PROTOPOPOVA (Texas Tech University), ERICA N. FEUERBACHER (Carroll College), and SHERRY WOODWARD (Best Friends)

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

**Level:** Basic

**Workshop #63 CE: PSY/BACB**

4:00 pm–7:00 pm  
AUT  
CE Instructor: Tyler Fovel, M.A.

**Ecological Assessment: The Missing Link in Successful Inclusion**

TYLER FOVEL (Strategic Alternatives)

**Audience:** Material is suitable for practitioners responsible for assessment and planning instruction for school-age students in school settings.

**Level:** Intermediate



<b>Workshop #64</b>	<b>CE: PSY/BACB</b>	<b>Workshop #68</b>	<b>CE: PSY/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: Glen O. Sallows, Ph.D.	
<b>From the Classroom to the Workforce: Teaching Vocational Skills to Individuals With an Autism Spectrum Disorder</b> JULIE S. WEISS and JULIENNE FAIRCHILD LEBLANC (The New England Center for Children)		<b>Very Young Infants Show Symptoms of Autism and Demonstrate Good Response to Intervention</b> TAMLYNN DIANNE GRAUPNER and GLEN O. SALLOWS (Wisconsin Early Autism Project)	
<b>Audience:</b> This workshop is targeted for BCBAS and educators working with children and adolescents with ASD with a focus on work readiness and teaching skills to improve employment outcomes.		<b>Audience:</b> Intermediate and advanced	
<b>Level:</b> Intermediate		<b>Level:</b> Intermediate	
<b>Workshop #65</b>	<b>CE: BACB/PSY/QABA</b>	<b>Workshop #69</b>	<b>CE: PSY/BACB</b>
4:00 pm–7:00 pm AUT CE Instructor: Paulo Guilhadi, Ph.D.		4:00 pm–7:00 pm AUT CE Instructor: Smita Awasthi, M.S.	
<b>An Interactive Visual Schedule: Establishing Social Initiation and Flexible Play</b> ASHLEY DOUGLAS, JENNIFER SMITH, and PAULO GUILHARDI (Beacon ABA Services Inc.)		<b>Improving Protocols to Overcome Error Patterns While Teaching Conditional Discriminations and Receptive Identification to Children With Autism</b> SRIDHAR ARAVAMUDHAN and SMITA AWASTHI (Behavior Momentum India)	
<b>Audience:</b> Certified behavior analysts, graduate students, ABA practitioners		<b>Audience:</b> BCBAs and BCaBAs with less than 3 years of clinical experience and behavior technicians	
<b>Level:</b> Intermediate		<b>Level:</b> Intermediate	
<b>Workshop #66</b>	<b>CE: BACB/PSY/QABA</b>	<b>Workshop #70</b>	<b>CE: PSY/BACB</b>
4:00 pm–7:00 pm AUT CE Instructor: Colleen DeMello, M.A.		4:00 pm–7:00 pm AUT CE Instructor: Meghan Clausen, M.S.	
<b>My BCBA is Amazing!</b> COLLEEN DEMELLO and LAURA BUNDA (Applied Behavioral Strategies)		<b>Conducting Functional Analyses in Applied Settings</b> STEPHANIE PHELAN, ASHLEY WILLIAMS, and MEGHAN VAN NOSTRAND (ABACS; Simmons College) and BRANDON HERSCOVITCH (ABACS)	
<b>Audience:</b> BCaBAs, BCBAs, Supervisors of BCBAs, Teachers		<b>Audience:</b> Behavior Analysts with background knowledge of functional analysis research, seeking to expand their repertoire in implementing functional analyses in applied settings.	
<b>Level:</b> Intermediate		<b>Level:</b> Intermediate	
<b>Workshop #67</b>	<b>CE: BACB/PSY/QABA</b>	<b>Workshop #71</b>	<b>CE: PSY/BACB</b>
4:00 pm–7:00 pm AUT CE Instructor: Vincent LaMarca, M.A.		4:00 pm–7:00 pm AUT CE Instructor: James W. Partington, Ph.D.	
<b>Solving the Receptive Language Puzzle: Pushing the Boundaries of Research and Practice</b> VINCENT LAMARCA (Little Star Center)		<b>Behavioral Strategies to Ensure Caregivers of Children and Adults With a Diagnosis of Autism Implement Effective Language-Based Teaching Interventions During Daily Activities</b> JAMES W. PARTINGTON (Partington Behavior Analysts)	
<b>Audience:</b> Behavior analysts who have previous experience working with individuals diagnosed with autism or developmental disability and who have implemented behaviorally based procedures to teach receptive language, 2016 FABA conference attendees who wanted more than my 1-hour presentation could offer, and curious individuals who typically hold strong views they like to post on social media.		<b>Audience:</b> Ph.D.s, BCBAs and BCaBAs who are currently supervising or implementing behavioral teaching interventions with individuals with autism.	
<b>Level:</b> Intermediate		<b>Level:</b> Intermediate	

<p><b>Workshop #72</b> <span style="float: right;"><b>CE: PSY/BACB</b></span></p> <hr/> <p>4:00 pm–7:00 pm AUT CE Instructor: Silva Orchanian, M.A.</p> <p><b>Human Sexuality and Relationship Training for Students and Autism in Applied Settings</b> SILVA ORCHANIAN, KIMBERLY L. DUHANYAN, and FREDDIE SCIBELLI (Melmark New England)</p> <p><b>Audience:</b> Intermediate</p> <p><b>Level:</b> Intermediate</p>	<p><b>Workshop #76</b> <span style="float: right;"><b>CE: BACB/PSY/QABA</b></span></p> <hr/> <p>4:00 pm–7:00 pm DDA CE Instructor: Patrick E. McGreevy, Ph.D.</p> <p><b>Teaching the Essential Eight Skills: Preparing Children With Developmental Disabilities, Including Autism, for the Rest of Their Lives</b> PATRICK E. MCGREEVY and TROY FRY (Patrick McGreevy and Associates)</p> <p><b>Audience:</b> This basic-level workshop is designed for practicing behavior analysts.</p> <p><b>Level:</b> Basic</p>
<p><b>Workshop #73</b> <span style="float: right;"><b>CE: PSY/BACB</b></span></p> <hr/> <p>4:00 pm–7:00 pm CBM CE Instructor: Jeannie A. Golden, Ph.D.</p> <p><b>Treating Children With Psychiatric Disorders: The Impact of Learning History on Diagnosis and Treatment</b> JEANNIE A. GOLDEN (East Carolina University)</p> <p><b>Audience:</b> Participants would include board certified behavior analysts, psychologists, counselors, health care providers, social workers and/or teachers who serve children with developmental disabilities or children who are typically-developing who have emotional difficulties and/or have been given psychiatric diagnoses.</p> <p><b>Level:</b> Intermediate</p>	<p><b>Workshop #77</b> <span style="float: right;"><b>CE: PSY/BACB</b></span></p> <hr/> <p>4:00 pm–7:00 pm EAB CE Instructor: Jeff Kupfer, Ph.D.</p> <p><b>Schedule-Induced Behaviors: Origins of Excessive Behaviors and Procedures to Minimize Their Influence</b> JEFF KUPFER (Learning Services Neurobehavioral Institute - West; Imagine Behavioral Health Services; Jeff Kupfer, PA) and RONALD F. ALLEN (Simmons College)</p> <p><b>Audience:</b> Advanced</p> <p><b>Level:</b> Advanced</p>
<p><b>Workshop #74</b> <span style="float: right;"><b>CE: PSY/BACB; Ethics</b></span></p> <hr/> <p>4:00 pm–7:00 pm CBM CE Instructor: Stephen Ray Flora, Ph.D.</p> <p><b>Behavior Analytic Training for Health, Life, Fitness, and Peak Personal Performances</b> STEPHEN RAY FLORA (Youngstown State University)</p> <p><b>Audience:</b> The target audience is board certified behavior analysts (BCBA), BCaBAs, psychologists, personal trainers, and others interested in learning to use behavior analytic procedures to promote healthy lifestyles, fitness, or to optimize elite performance. Professionals with a strong interest in behavioral medicine, or health and fitness will also benefit.</p> <p><b>Level:</b> Intermediate</p>	<p><b>Workshop #78</b> <span style="float: right;"><b>CE: PSY/BACB</b></span></p> <hr/> <p>4:00 pm–7:00 pm EDC CE Instructor: Sheila R. Alber-Morgan, Ph.D.</p> <p><b>Managing Young Children’s Behavior With GAMES: Group-Contingency Approaches for Managing Early-Childhood Settings</b> SHEILA R. ALBER-MORGAN and MARIA HELTON (The Ohio State University)</p> <p><b>Audience:</b> The target audience will be BCBA’s who provide consultative services to school districts.</p> <p><b>Level:</b> Intermediate</p>
<p><b>Workshop #75</b> <span style="float: right;"><b>CE: PSY</b></span></p> <hr/> <p>4:00 pm–7:00 pm CBM CE Instructor: Richard Cook, M.D.</p> <p><b>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</b> RICHARD COOK (Penn State University; Applied Behavioral Medicine Associates)</p> <p><b>Audience:</b> workshop level appropriate for clinicians who treat patients with ADHD, clinicians who have children with ADHD, and clinicians who themselves have ADHD irrespective of the attendees academic credentials or years of clinical practice.</p> <p><b>Level:</b> Basic</p>	<p><b>Workshop #80</b> <span style="float: right;"><b>CE: PSY/BACB; Supervision</b></span></p> <hr/> <p>4:00 pm–7:00 pm OBM CE Instructor: Guy S. Bruce, Ed.D.</p> <p><b>Part Three: Effective Supervisors Do What It Takes! Improving Staff and Organizational Performance to Achieve Desired Client Outcomes</b> GUY S. BRUCE (Appealing Solutions, LLC)</p> <p><b>Audience:</b> This three-part workshop is for supervisors, staff trainers, program designers, and directors of schools and agencies serving people with learning difficulties. Attend this workshop to learn the skills needed to ensure that employees are effective in helping clients achieve their goals! Earn a total of 12 CEUs by completing all three parts. (You may use 3 of these to meet the new BACB requirement for supervisors.)</p> <p><b>Level:</b> Intermediate</p>

**Workshop #81** **CE: PSY/BACB; Ethics**

4:00 pm–7:00 pm  
PCH  
CE Instructor: Kara Reagon, Ph.D.

**The Pulse of Behavior Analysis: Social Validity as a Process**

KARA REAGON (Beacon ABA Services of Connecticut), JUSTIN B. LEAF (Autism Partnership Foundation), JOSEPH H. CIHON (Autism Partnership Foundation; Endicott College), and JULIA FERGUSON (Autism Partnership)

**Audience:** Intermediate, new BCBAs, junior BCBAs (less than 5 years' experience), and young researchers

**Level:** Intermediate

**Workshop #82** **CE: BACB/PSY/QABA; Ethics**

4:00 pm–7:00 pm  
PRA  
CE Instructor: Amanda L. Little, Ph.D.

**The Professional and Ethical Compliance Code for Behavior Analysts: Bring Your Ethical Scenarios**

AMANDA L. LITTLE (The University of Texas at Austin; The Meadows Center) and NANETTE L. PERRIN (LifeShare Management Group)

**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 #83** **CE: BACB/QABA**

4:00 pm–7:00 pm  
PRA  
CE Instructor: Neil Deochand, M.S.

**Save Time in Microsoft Excel Automating Phase Change Lines and Labels, Selecting Date Ranges, and Creating Templates**

NEIL DEOCHAND and CODY MORRIS (Western Michigan University)

**Audience:** Board Certified Behavior Analysts (BCBAs), Board Certified Assistant Behavior Analysts (BCaBAs), those seeking behavioral certification, psychologists, and any health care providers who track behavioral data. This workshop is for those who have some basic knowledge regarding the use of Excel for creating graphical displays.

**Level:** Intermediate

**Workshop #84** **CE: BACB/QABA; Supervision**

4:00 pm–7:00 pm  
PRA  
CE Instructor: Thomas L. Sharpe, Jr., Ed.D.

**Software Tools for Direct Observation: Hands-On Learning of ObserverWare for Services Providers and Researchers**

THOMAS L. SHARPE, JR. (Educational Consulting, Inc.; ABA Therapy Solutions, LLC) and JOHN KOPERWAS (Educational Consulting, Inc.)

**Audience:** Direct services providers, graduate students, behavior analysts, CBA and related therapists working in a variety of applied and experimental settings who are interested in the interactive nature of behavior in situations where study of multiple behaviors and events, multiple participants, and changing setting variables are present. Those working in educational and social science settings and who are challenged with how to describe and analyze highly interactive behavioral transactions should find the workshop experience and complimentary software particularly appealing to a wide range of research and assessment applications.

**Level:** Intermediate

**Workshop #85** **CE: PSY/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 ELДАР (Kibbutzim College, Israel)

**Audience:** Behavior analysts, teachers, clinicians, psychologists, physical educators

**Level:** Intermediate

**Workshop #86** **CE: PSY/BACB; Supervision**

4:00 pm–7:00 pm  
PRA  
CE Instructor: Rachel N. S. Cavalari, Ph.D.

**Competency Building Through Performance Planning: Applications of ABA for the Development of Professional and Clinical Skills in Pre-Certification BCBA and BCaBA Trainees**

RACHEL N. S. CAVALARI (Institute for Child Development; Binghamton University)

**Audience:** This workshop is intended for BCBA and BCBA-D intermediate-level certificants who are developing their supervision skills in preparation for supervising pre-certification trainees.

**Level:** Intermediate

Friday, May 26

<p><b>Workshop #87</b>                      <b>CE: PSY/BACB; Ethics</b></p> <hr/> <p>4:00 pm–7:00 pm PRA CE Instructor: Richard Wayne Fuqua, Ph.D.</p> <p><b>Acting Out: Learning BACB Ethics and Problem-Solving Strategies Through Interactive Team-Based Learning</b> RICHARD WAYNE FUQUA (Western Michigan University) and JON S. BAILEY (Florida State University)</p> <p><b>Audience:</b> Intermediate level. This workshop assumes some familiarity with the Professional and Ethical Compliance Code for Behavior Analysis from the Behavior Analysis Certification Board.</p> <p><b>Level:</b> Intermediate</p>	<p><b>Workshop #91</b>                      <b>CE: BACB/PSY/QABA; Ethics</b></p> <hr/> <p>4:00 pm–7:00 pm PRA CE Instructor: Fawna Stockwell, Ph.D.</p> <p><b>Gender-Affirming Clinical Skills for Behavior Analysts: Looking Through the Lens of BACB Ethics</b> FAWNA STOCKWELL (Upswing Advocates; The Chicago School of Professional Psychology, Chicago Campus) and SARAH WORNER (Upswing Advocates)</p> <p><b>Audience:</b> <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 gender. Teachers, therapists, and other helping professionals are also welcome to attend.</p> <p><b>Level:</b> Basic</p>
<p><b>Workshop #88</b>                      <b>CE: PSY/BACB; Supervision</b></p> <hr/> <p>4:00 pm–7:00 pm PRA CE Instructor: William Tim Courtney, MA</p> <p><b>The Apprentice: An Innovative Approach to Meet the BACB’s Supervision Standards</b> WILLIAM TIM COURTNEY and MARY ROSSWURM (Little Star Center)</p> <p><b>Audience:</b> For BCBA practitioners who provide supervision under the Behavior Analysis Certification Board’s requirements.</p> <p><b>Level:</b> Intermediate</p>	<p><b>Workshop #92</b>                      <b>CE: PSY/BACB</b></p> <hr/> <p>4:00 pm–7:00 pm PRA CE Instructor: Barbara E. Esch, Ph.D.</p> <p><b>Troubleshooting Speech Programs</b> BARBARA E. ESCH (Esch Behavior Consultants, LLC)</p> <p><b>Audience:</b> Speech pathologists, behavior analysts, clinicians, program directors, and any others who are responsible for helping individuals learn to speak.</p> <p><b>Level:</b> Intermediate</p>
<p><b>Workshop #89</b>                      <b>CE: PSY/BACB; Supervision</b></p> <hr/> <p>4:00 pm–7:00 pm PRA CE Instructor: Melissa L. Olive, Ph.D.</p> <p><b>Ethical Issues in Training and Supervising RBTs, BCaBAs, and Candidates for the BCBA Credential</b> MELISSA L. OLIVE (Applied Behavioral Strategies LLC)</p> <p><b>Audience:</b> Practicing behavior analysts and supervisors of practicing behavior analysts</p> <p><b>Level:</b> Intermediate</p>	<p><b>Workshop #93</b>                      <b>CE: BACB</b></p> <hr/> <p>4:00 pm–7:00 pm PRA CE Instructor: Linda S. Heitzman-Powell, Ph.D.</p> <p><b>Treatment Goal Development for Insurance Approval</b> KATRINA OSTMEYER (Integrated Behavioral Technologies, Inc.), LINDA S. HEITZMAN-POWELL (The University of Kansas Medical Center), and MIKAYLA M MCHENRY (Integrated Behavioral Technologies, Inc.; Washburn University)</p> <p><b>Audience:</b> This workshop is designed for behavior analysts who work with third-party payers to provide ABA services to individuals diagnosed with autism.</p> <p><b>Level:</b> Intermediate</p>
<p><b>Workshop #90</b>                      <b>CE: PSY/BACB; Ethics</b></p> <hr/> <p>4:00 pm–7:00 pm PRA CE Instructor: Peter Sturmey, Ph.D.</p> <p><b>Aggressive and Violent Behavior: Behavioral Conceptualization, Prevention, and Treatment</b> PETER STURMEY (The Graduate Center and Queens College, City University of New York)</p> <p><b>Audience:</b> Intermediate including masters and doctoral level practitioners and teachers.</p> <p><b>Level:</b> Intermediate</p>	<p><b>Workshop #94</b>                      <b>CE: PSY/BACB</b></p> <hr/> <p>4:00 pm–7:00 pm TBA CE Instructor: Meera Ramani, M.S.</p> <p><b>Dealing With Adolescence Changes, Transition, and Teaching Adaptive Behavior</b> MEERA RAMANI (ABA India; Behaviour Enrichment Dubai)</p> <p><b>Audience:</b> Behavior analysts, BCBAs, BCaBAs, teachers, psychologists, speech therapists, social skills instructors and other professionals who work with individuals diagnosed with Autism Spectrum Disorder, specifically in the areas of social skill development.</p> <p><b>Level:</b> Intermediate</p>

**Workshop #95**      **CE: PSY/BACB; Supervision**

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

**Leading by Example: Keys to Effective Behavior Analytic Supervision**

JENNIFER YAKOS and CECILIA KNIGHT (Institute for Behavioral Training)

**Audience:** This workshop would be appropriate for BCBAs 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

**Workshop #96**      **CE: BACB/PSY/QABA; Ethics**

4:00 pm–7:00 pm  
TBA  
CE Instructor: Ken Winn, M.S.

**How to Engage in Ethical Practice When One’s Supervisor or Agency is Unethical**

TERESA CAMILLE KOLU (Cusp Emergence) and KEN WINN (Firefly Autism)

**Audience:** This workshop is intended for new practitioners as well as behavior analysts with many years of experience. Ethical behavior in practice can be a “slippery slope” and practitioners from every level might find this beneficial

**Level:** Intermediate

**Workshop #97**      **CE: PSY/BACB**

4:00 pm–7:00 pm  
VRB  
CE Instructor: Francesca Degli Espinosa, Ph.D.

**Teaching Children With Autism to Talk About Private Events: Establishing the Verbal Behavior of Emotions, Inferences, and Perspective Taking**

FRANCESCA DEGLI ESPINOSA (ABA Clinic, UK)

**Audience:** Behaviour analysts interested in teaching advanced verbal skills

**Level:** Advanced

**Workshop #98**      **CE: PSY/BACB**

4:00 pm–7:00 pm  
VRB  
CE Instructor: Richard E. Laitinen, Ph.D.

**The Acquisition of Behavioral Cusps as the Basics to Develop Language**

GLADYS WILLIAMS (CIEL, SPAIN), RICHARD E. LAITINEN (Personalized Accelerated Learning Systems), and SARA GARBARINI (David Gregory School)

**Audience:** Intermediate- junior BCBAs, BCBAs and BCBA-Ds

**Level:** Intermediate

**Workshop #99**      **CE: PSY/BACB**

4:00 pm–7:00 pm  
VRB  
CE Instructor: Timothy M. Weil, Ph.D.

**Derived Stimulus Relations: Stimulus Equivalence and RFT Explained?**

TIMOTHY M. WEIL (Tandem Behavioral Health & Wellness)

**Audience:** Target audience is basic and higher understanding of radical behavioral perspective and skinner’s operant conditioning model. No knowledge of RFT, Stimulus Equivalence, or derived stimulus relations is necessary as the function of this workshop is to kick off understanding. Those with moderate to advanced understanding of derived stimulus work are encouraged to participate as well.

**Level:** Basic

## #1 Special Event

---

2:00 pm–5:00 pm  
Hyatt Regency, Capitol Ballroom 1-3

### **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–5:00 pm  
Hyatt Regency, Capitol Ballroom 4

### **Closed Meeting: Special Interest Group Leadership Training**

Chair: M. Jackson Marr (Georgia Tech)

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 Special Event

---

6:00 pm–7:00 pm  
Hyatt Regency, Capitol Ballroom 1-3

### **Student Welcome Event**

Chair: Christina M. Peters (University of Nevada, Reno)

The ABAI Student Committee will be hosting a Special Welcome Event for current and future student members. During this one-hour session, Student Committee Members will review useful information and distribute materials to help you make the most 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 2017 Student Survival Kits will be available to attendees on a first come first serve basis so don't be late!

## #4 Special Event

---

7:00 pm–9:00 pm  
Hyatt Regency, Capitol Ballroom 1-3

### **ABAI Trivia Night**

Chair: Lorraine Becerra (Utah State University)

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 Denver. 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!

## #5 Special Event

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9:00 pm–10:30 pm  
Hyatt Regency, Capitol Ballroom 5-7

### **International Welcome Reception**

Chair: Ingunn Sandaker (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.



*Special thanks to The Center for Autism and Related Disorders (CARD) for co-sponsoring this reception. Please visit them in Exhibit Hall D of the Colorado Convention Center at Booth #319.*

# Behavior Analysis

M.S., ED.S., PH.D.



Dr. Ronald Allen, Ph.D, 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

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# SIMMONS COLLEGE





# DENVER2017



Saturday, May 27

Day Schedule

Business Meetings

Opening Event/SABA Awards

Sessions

Presidential Scholar Address

ABAI Expo





## Hyatt Regency Denver; Saturday, 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	
																		Centennial Ballroom A
#87 EAB Ch: Arntzen																		Centennial Ballroom B
																		Centennial Ballroom C
#71 EAB †† Reed		#96 EAB †† Shahan		#119 SCI †† Ch: Newland														Centennial Ballroom D
		#105 EAB † Ch: Smith																Centennial Ballroom E
#76 PCH Ch: Morris				#93 PCH Ch: Older														Centennial Ballroom F
																		Centennial Ballroom G
#67 AAB † Ch: Protopopova		#104 BPN † Ch: Sottile																Centennial Ballroom H
#70 CSS Ch: Sandaker		#95 CSS † Ch: Blumenthal		#111 CSS Ch: Encinias														Mineral Hall A
																		Mineral Hall B
																		Mineral Hall C
#74 OBM † Ch: Hodges		#98 OBM † Ch: Kavner																Mineral Hall D
																		Mineral Hall E
																		Mineral Hall F
																		Mineral Hall G
																		Agate A
																		Agate B
																		Agate C
#73 OBM † Ch: Warman				#116 OBM Ch: Blagi														Granite A
																		Granite B
																		Granite C
																		Quartz A
																		Quartz B
																		Capitol Ballroom 1
																		Capitol Ballroom 2
																		Capitol Ballroom 3
				#94 CBM †† Kolu														Capitol Ballroom 4
#84 CBM Ch: Miller		#109 CBM † Ch: Van Camp																Capitol Ballroom 5
#83 CBM † Ch: Volkert		#110 CBM Ch: Armshaw																Capitol Ballroom 6
																		Capitol Ballroom 7
																		Marble
																		Sandstone
																		Limestone

Level 3

Level 4

**LEGEND**

- = Special and Invited Events
- = B. F. Skinner Lecture Series
- = ABAI Services
- = Professional Development Series
- † = BACB CE
- ‡ = PSY CE
- § = QABA CE
- Ch. = Chairperson





## Colorado Convention Center; Saturday, 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	
<b>Street Level</b>	301			#7 Education & Trnmt of Child.						#15 Parents, Prof. & Stdnts.										
	302																			
	303																			
	304			#10 ASAT						#38 TBA Ch: Bassingthwaite †										
	401/402			#10a History of BA						#39 TBA Ch: Garza										
	403/404			#11 SPABA SIG						#36 EDC Ch: Dixon										
	405			#12 TBA SIG								#41 EDC Ch: Stride								
	406/407			#9 MillVet SIG						#22 EDC Ch: Sperry †		#46 EDC Ch: Dohert †								
	501																			
	502																			
	503																			
	504																			
	505																			
	506																			
	507																			
	602			Interview room																
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612			Interview room																	
<b>Ballroom Level</b>	Mile High Ballroom 1AB			#6 BACB Approved CE						#31 DDA Ch: Ghaemmaghami †										
	Mile High Ballroom 1CD			#8 Teaching Principles of Bhr.						#33 DDA Ch: Crabb										
	Mile High Ballroom 1EF											#49 PRA Ch: Peterson †								
	Mile High Ballroom 2A									#25 PRA Ch: Rodrigues †		#52 PRA Ch: Older								
	Mile High Ballroom 2B									#26 PRA Ch: Greenwald †		#51 PRA Ch: Rosenblum								
	Mile High Ballroom 2C									#24 PRA Ch: Nosik †		#50 PRA Ch: Ross †								
	Mile High Ballroom 3A									#40 VRB Ch: Heinicke †										
	Mile High Ballroom 3B									#17 AUT Ch: Cloud †\$		#42 AUT Ch: Eldevi †\$								
	Mile High Ballroom 3C									#28 AUT Ch: Cohen †										
	Mile High Ballroom 4AB									#16 AUT Ch: Ertel †		#43 AUT Ch: Betz †								
	Mile High Ballroom 4CD									#29 AUT Ch: Carroll †\$										
	Mile High Ballroom 4EF			#13 JEAB							#18 AUT Ch: Singer †		#44 AUT Ch: Molteni †\$							
	Four Seasons Ballroom 1																			
	Four Seasons Ballroom 2					#14 Opening Event and SABA Awards †\$					#32 DDA Ch: Kahn †									
	Four Seasons Ballroom 3																			
	Four Seasons Ballroom 4										#23 OBM Bördlein †		#53 PRA Lustig †							
Exhibit Hall D			Registration and bookstore																Poster Sessions #56-66	

Colorado Convention Center; Saturday, May 27

3 pm		4 pm		5 pm		6 pm		7 pm		8 pm		9 pm		10 pm		11 pm		Room	Street Level		
:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30				
								#137 Hawai'i ABA										301			
																		302			
																		303			
#80 TBA †\$ Ch: Greenberg		#100 TBA Ch: Labay †						#138 Bhvr. Med. SIG										304			
#79 TBA Ch: Schwartz †				#113 EDC Ch: Ardoin †				#127 BASS SIG										401/402			
#72 EDC Ch: Martella †\$				#112 EDC Ch: Delgado †				#128 Multicultural Alliance										403/404			
#89 EDC Ch: Johnson †				#115 EDC Ch: Anderson				#133 Nevada ABA										405			
#88 EDC Ch: Spooner †				#114 EDC Ch: Tomon †				#130 EBA SIG										406/407			
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								#131 Student Committee										Mile High Ballroom 1AB			
#85 DDA Ch: Muething †								#132 EAHB SIG										Mile High Ballroom 1CD			
#90 PRA Ch: Delmolino †				#120 VRB † Ch: Esquierdo-Leal				#135 BAT SIG										Mile High Ballroom 1EF			
#77 PRA Ch: Esch †	#106 PRA Ch: Zangrillo †							#136 <i>The Behavior Analyst</i>										Mile High Ballroom 2A			
#78 PRA Ch: Olive †	#99 PRA Ch: Spivey †			#117 PRA Ch: Moschella †				#123 Cambridge Ctr. ESG										Mile High Ballroom 2B			
#91 PRA Ch: Virues Ortega †				#118 PRA Ch: Kelly †														Mile High Ballroom 2C			
#92 VRB Ch: Pheilan †				#121 VRB † Ch: Shillingsburg				#124 Science Board										Mile High Ballroom 3A			
	#101 AUT Ch: Meyer							#126 TPC SIG										Mile High Ballroom 3B			
#82 AUT Ch Gayman †				#108 AUT Ch: Hacker				#129 SBRP SIG										Mile High Ballroom 3C			
	#103 AUT Ch: Laitinen †							#134 New U.S. Prgm Accred.										Mile High Ballroom 4AB			
#81 AUT Ch: Retzlaff †				#107 AUT Ch: Lorah †				#125 LaBAA										Mile High Ballroom 4CD			
#68 AUT †\$ Ch: Steinhaue	#102 AUT Ch: Carnett †							#126a Trans. Research SIG										Mile High Ballroom 4EF			
																		Four Seasons Ballroom 1			
#86 DDA Ch: Borrero †																		Four Seasons Ballroom 2			
#69 Ch: Travers †																		Four Seasons Ballroom 3			
#75 OTH Brems †	#97 EDC † Sheridan †																	Four Seasons Ballroom 4			
Registration and bookstore										Expo Posters #139-145										Exhibit Hall D	

**LEGEND**

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- ‡ = PSY CE
- \$ = QABA CE
- Ch. = Chairperson

Street Level

Ballroom Level





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# PARIS



**FRANCE** *Ninth International Conference*  
**14 NOVEMBER – 15 NOVEMBER 2017**

**PARIS MARRIOTT RIVE GAUCHE HOTEL  
& CONFERENCE CENTER**

## #6 Business Meeting

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7:00 am–7:50 am  
Convention Center Mile High Ballroom 1A/B

### **Behavior Analyst Certification Board, Approved Continuing Education**

Chair: Emily White (Behavior Analyst Certification Board)

This business meeting will review important developments related to the provision of continuing education (ACE providers). Current ACE providers or certificants interested in becoming ACE providers are encouraged to attend.

## #7 Business Meeting

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7:00 am–7:50 am  
Convention Center 301

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

Chair: Stephanie M. Peterson (Western Michigan University)

This is an open meeting for members of the *Education and Treatment of Children* editorial review board members or for individuals who have an interest in the journal (e.g., publishing in it, becoming involved with it). The annual report will be shared, and there will be discussion of upcoming issues for the journal.

## #8 Business Meeting

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7:00 am–7:50 am  
Convention Center Mile High Ballroom 1C/D

### **Business Meeting for Those Interested in the Teaching From the Text: Principles of Behavior**

Chair: Gerald C. Mertens (St. Cloud State University)

Users and friends of Malott and Shane's *Principles of Behavior, 7th Edition (PofB)*, join Dick Malott, Kelly Kohler, and many other users and friends of *PofB* for a discussion of issues related to the text, sharing of some teaching "gems," activities used in teaching text material, test questions to share, and other materials you are willing to share, problems encountered in teaching the text *PofB*, and suggestions ' or just come to enjoy the friendship of people who share an interest in teaching principles of behavior. The forthcoming 8th edition of *PofB* will be a major topic. Be there to help plan.

## #9 Business Meeting

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7:00 am–7:50 am  
Convention Center 406/407

### **Military and Veterans Special Interest Group**

Chair: Kent A. Corso (NCR Behavioral Health, LLC)

The Military and Veterans SIG is devoted to the application of behavior analysis to US and UK 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.

## #10 Business Meeting

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7:00 am–7:50 am  
Convention Center 304

### **Association for Science in Autism Treatment: A Collaboration With Behavior Analysts in the Promotion of Science-Based 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)



### **#10a Business Meeting**

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7:00 am–7:50 am  
Convention Center 401/402

#### **History of Behavior Analysis**

Chair: Edward K. Morris (The University of Kansas)

The purpose of the HoBA SIG Business Meeting is to review the SIG's 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 field's history), but primarily to develop strategic initiatives. At this year's 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 ABAL 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](http://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). ABAL members interested in the SIG's vision and mission and working on the foregoing initiatives and planning new ones are invited to attend.

### **#11 Business Meeting**

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7:00 am–7:50 am  
Convention Center 403/404

#### **Speech Pathology and Applied Behavior Analysis (SPABA) 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).

### **#12 Business Meeting**

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7:00 am–7:50 am  
Convention Center 405

#### **Teaching Behavior Analysis Special Interest Group Business Meeting**

Chair: Kira Austin (Whitworth University)

Teaching Behavior Analysis (TBA) purpose is to improve the teaching and learning of the principles and applications of behavior analysis in any setting in which those activities occur. The purpose of this meeting is to update members and potential members on the activities of the TBA SIG. We will set goals for the upcoming year and allow time for individuals to network. All are invited to attend. You do not have to be a member of the TBA SIG. Anyone interested in the teaching of behavior analysis in all environments is welcome.

### **#13 Business Meeting**

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7:00 am–7:50 am  
Convention Center Mile High Ballroom 4E/F

#### ***Journal of the Experimental Analysis of Behavior*: Meeting for Authors, Prospective Authors, and Board Members**

Chair: Amy Odum (Utah State University)

The *JEAB* annual report will be presented, followed by a discussion of editorial policies and issues. Authors and prospective authors are encouraged to attend. Questions and suggestions are encouraged.

## #14 Special Event

8:00 am–9:30 am

Convention Center Four Seasons Ballroom 2-4 (Plenary)

OTH

BACB/PSY/QABA CE Offered. CE Instructor: Martha Hübner, Ph.D.

### Opening Event and Society for the Advancement of Behavior Analysis Awards

Chair: Martha Hübner (University of São Paulo)

#### SABA Award for Distinguished Service to Behavior Analysis: Dr. Carol Pilgrim, University of North Carolina Wilmington (Basic Research)

CAROL PILGRIM (University of North Carolina Wilmington)



Dr. Carol Pilgrim is professor of psychology and associate dean of the College of Arts and Sciences at the University of North Carolina Wilmington. Dr. Pilgrim has contributed substantially to behavior analysis through her leadership, teaching, and research. She has served as president of its major organizations, including ABAI (as well as its Southeastern ABA chapter), the Society for the Advancement of Behavior Analysis, and Division 25 (Behavior Analysis) of the American Psychological Association. She also served as secretary of the Society for the Experimental Analysis of Behavior, and as a board member of that organization for 8 years. She has advanced the dissemination of behavior analysis and the vitality of its journals in her roles as chair of the Publication Board of ABAI, editor of *The Behavior Analyst*, co-editor of the *Experimental Analysis of Human Behavior Bulletin*, and associate editor of the *Journal of the Experimental Analysis of Behavior*. She has served on the board of directors of the Cambridge Center for Behavioral Studies and other organizations, and chaired numerous committees. Dr. Pilgrim is known, in addition, as a stellar teacher and mentor. She has been recognized with numerous awards, including the North Carolina Board of Governors Award for Excellence in Teaching and the ABAI Student Committee Outstanding Mentor of the Year Award. Dr. Pilgrim's research expertise and contributions traverse both basic experimental and applied behavior analysis. Her health related research has brought behavior analysis to the attention of scientists and practitioners in cancer prevention, and she is noted for her innovative work on the development and modification of relational stimulus control in children and adults.

**Abstract:** Skinner's 1945 treatise, "An Operational Analysis of Psychological Terms," established a defining and fundamental characteristic of radical behaviorism by emphasizing the necessity of understanding scientific verbal behavior in terms of the same principles applied to the understanding of any behavior—that is, in terms of its antecedents and consequences. Furthermore, his call for a functional analysis of any psychological concept was predicated on the position that only such an analysis would lead to more effective action with respect to the subject matter at issue. To the extent that "service" contributes to the survival of our discipline and world view, it follows that an examination of the conditions under which we speak of "service" may prove useful in our efforts to target and increase such activities. Thus, this talk will review some of the varied forms of professional activity that occasion service descriptions, with an eye toward creating and identifying opportunities, facilitating the professional actions needed, and consequating service efforts effectively.

#### SABA Award for International Dissemination of Behavior Analysis: The New England Center for Children (Basic Research)

VINCENT STRULLY (The New England Center for Children)



The New England  
Center for Children®

The New England Center for Children (NECC) is noted for its longstanding work to provide services, train providers and students, and establish programs across five continents. The reach and influence of NECC is significant, as demonstrated by the success of NECC Abu Dhabi in particular, and NECC's role in making inroads for behavior analysis in the Middle East. Both behavior analysts and leadership at NECC have worked for over four decades to establish and support individuals and service infrastructure from Canada to India, from the UK to Brazil, and many other areas. Its reach has been further extended through the online availability of the Autism Curriculum Encyclopedia.

**Abstract:** Vincent Strully Jr., CEO and Founder of The New England Center for Children (NECC®), is proud to accept the 2017 SABA Award for International Dissemination of Behavior Analysis on behalf of NECC. Despite the growing acceptance and demand for behavior analytic services, there are considerable challenges to developing sustainable models of service delivery internationally, including language barriers, differences in cultural practices, and funding considerations. Over the past 40 years, we have identified several components that are essential for the development of sustainable models of service delivery worldwide. Government funding and support are critical for success, as are training programs that provide local staff access to graduate-level instruction in behavior analysis. Also, NECC's development of the Autism Curriculum Encyclopedia (ACE®), an application providing an interactive interface containing assessment tools, lesson plans, teaching materials, and student performance reports for over 1,900 skills, has provided an effective and efficient curriculum necessary for delivering sustainable services.

Saturday, May 27

**SABA Award for Scientific Translation of Behavior Analysis: Dr. Anthony Biglan, Oregon Research Institute (Basic Research)**

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 [www.ori.org/scientists/anthony\\_biglan](http://www.ori.org/scientists/anthony_biglan).

**Abstract:** Behavior analysis has been foundational for a broad range of treatment and prevention interventions. However, there are reasons to believe that behavior analysts are not contributing to the improvement of societal wellbeing to the extent that B. F. Skinner envisioned in his seminal writings. In the past 2 years, I have spoken with hundreds of behavior analysts, many of whom expressed this kind of concern. I will summarize these concerns and suggest principles that might help behavior analysis as a field fulfill its promise to bring about unprecedented advances in human wellbeing. Specifically, I will suggest changing the criteria regarding what a behavior analysts should know from one that restricts our focus to practices and methods that are explicitly labeled as "behavior analytic" to one that encourages behavior analysts to embrace any empirical evidence or methods that contribute to human wellbeing, initiating much more empirical research on strategies for influencing climate change, and forging alliances with other areas of behavioral science.

**SABA Award for Enduring Programmatic Contributions in Behavior Analysis: Psychology Department at the University of North Carolina Wilmington (Applied Research)**

JULIAN KEITH (University of North Carolina Wilmington)



UNIVERSITY OF  
NORTH CAROLINA  
WILMINGTON

**Abstract:** Behavior analysis has been a significant focus of the Psychology Department at the University of North Carolina Wilmington since 1976. The department's contributions to the field can be measured in research, teaching, and service. The faculty have published hundreds of peer-reviewed journal articles, books and book chapters spanning the experimental analysis of behavior, applied behavior analysis, and translational research. Faculty and students closely collaborate on research, including: basic learning principles, choice, teaching, behavioral pharmacology, behavioral economics, stimulus control, memory span, contingency management, functional analysis, preference assessment, health behavior, animal behavior, and pediatric feeding. In addition to training countless undergraduate students in behavior analysis, the program has graduated 96 master's students who have completed a thesis with a behavior analytic focus, and will begin training Ph.D. students in behavior analysis in 2017. Faculty have served in leadership roles within ABAA and Div. 25 of APA, and various other national, state and regional organizations. They have served as editors or editorial board members for key journals such as *The Behavior Analyst*, *JEAB*, and *JABA*. The presentation will include a brief history of the department's contributions, as well as a description of its vision for the training of behavior analysts.

**#15 Special Event**

10:00 am–10:50 am  
Convention Center 301

**Parents, Professionals, and Students: Welcome to the ABAA Convention**

Chair: Kerry A. Conde (Maryhaven Center of Hope)

Parents and other caregivers of individuals with special needs as well as professionals and students are attending the ABAA convention in increasing numbers but may have questions about how to make the most of the experience. Furthermore, an event as large as ABAA may seem overwhelming to newcomers. Parents, professionals, and students who may be attending ABAA for the first time are encouraged to participate in this convention orientation. We will provide an overview of ABAA and its convention and highlight the types of events that parents, professionals, and students will encounter.

## #17 Symposium

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10:00 am–10:50 am  
Convention Center Mile High Ballroom 3B  
AUT/PRA; Applied Research  
BACB/QABA CE Offered. CE Instructor: Abby Hodges, M.Ed.

### **Treatment of Food Selectivity Among Individuals With Autism Spectrum Disorders**

Chair: Madison Cloud (Vanderbilt University; Baylor University)  
Discussant: John Borgen (Oregon Institute of Technology)

#### **Using Shaping to Increase Foods Consumed by Children With Autism**

ABBY HODGES and Tonya Nichole Davis, Madison Cloud (Vanderbilt University, Baylor University), and Laura Phipps and Regan Weston (Baylor University)

#### **Failure to Replicate Feeding Improvements With the High-Probability Instructional Sequence in Children With Autism**

BRYANT C. SILBAUGH (The University of Texas at Austin, Special Education Department) and Terry S. Falcomata and Samantha Brooke Swinnea (University of Texas at Austin)

## #18 Symposium

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10:00 am–10:50 am  
Convention Center Mile High Ballroom 4E/F  
AUT/PRA; Applied Research  
BACB CE Offered. CE Instructor: Leslie Singer, M.A.

### **Novel Interventions to Address Behaviors Maintained by Automatic Reinforcement**

Chair: Leslie Singer (University of South Florida)  
Discussant: Andrew L. Samaha (University of South Florida)

#### **Using Acoustical Guidance to Decrease Toe-Walking**

Ansley Catherine Hodges (Nemours Children's Hospital), Alison M. Betz (Florida Institute of Technology), Kristen Antia (Nemours Children's Hospital), David A. Wilder (Florida Institute of Technology), and JAMIE VILLACORTA (Nemours Children's Hospital)

#### **Functional Analysis and Treatment of Bruxism Using a Matched Stimulation Intervention**

Morgan N. Scarff (University of South Florida; AchieveAbility Therapy) and Kimberly Crosland and ROCKY HAYNES (University of South Florida)

## #19 Paper Session

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10:00 am–10:50 am  
Hyatt Regency, Capitol Ballroom 4  
CBM

### **Collaboration With and Contributions From the Medical Arena**

Chair: Daniele Ortu (University of North Texas)

#### **Using an Inter-Professional Education Model to Disseminate Information About ABA to Medical School Residents: Changing Perspectives About Working With Behavior Analysts (Service Delivery)**

KRISTA M. CLANCY and Michelle Fuhr (University Pediatricians Autism Center)

#### **Shifting the Threshold of Observability: Can Measuring Brain Responses Improve Our Understanding of Complex Human Behavior and Help Patients With Paralysis and Disorders of Consciousness? (Applied Research)**

DANIELE ORTU, April Linden, Owen James Adams, Brennan Patrick Armshaw, Sarah Sumner, Williams Adolfo Espericueta, and Erendira Morales (University of North Texas)

## #20 Symposium

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10:00 am–10:50 am  
Hyatt Regency, Mineral Hall A-C  
CSS; Service Delivery

### **You're Voting for WHO?! Examining Implicit Biases, Explicit Attitudes, and Voting Intentions**

Chair: Melissa Morgan Miller (University of Mississippi)

#### **Considering the Lesser of Two Perceived Evils: Comparing Implicit and Explicit Political Candidate Evaluations**

RYAN KIMBALL and Lisa Logterman (Southern Illinois University), Karen Kate Kellum (University of Mississippi), and Chad Drake (Southern Illinois University)

#### **Examining the Potential Role of Socioeconomic Status Biases on Perception of Political Candidates**

HUNTER KYLE SUDDUTH, Emmie Hebert, and Karen Kate Kellum (University of Mississippi) and Ryan Kimball and Chad Drake (Southern Illinois University)

#### **She Would Not Be My First Choice: Implicit Gender Biases and Political Perceptions**

KAIL H. SEYMOUR, Danette Abernathy, and Ryan Kimball (Southern Illinois University); Karen Kate Kellum (University of Mississippi); and Chad Drake (Southern Illinois University)

## #21 SQAB Tutorial

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10:00 am–10:50 am  
Hyatt Regency, Centennial Ballroom D  
EAB; Basic Research  
PSY/BACB CE Offered. CE Instructor: Erin B. Rasmussen, Ph.D.

### **Domain Effects, Obesity, and Delay Discounting**

Chair: Steven R. Lawyer (Idaho State University)

ERIN B. RASMUSSEN (Idaho State University)



Erin Rasmussen received her Ph.D. from Auburn University in the Experimental Analysis of Behavior with an emphasis in behavioral toxicology and pharmacology, under the direction of Dr. Chris Newland. She is currently a professor of psychology at Idaho State University. In her twelve years at Idaho State University, she helped build a new Ph.D. program in Experimental Psychology. She conducts translational research on the behavioral economics of obesity using humans and animal models. Her recent work has been published in such journals as *Physiology and Behavior*, *Experimental and Clinical Psychopharmacology*, *Behavioral Brain Research*, *Behavioral Pharmacology*, *Behavioural Processes*, *Behaviour Research & Therapy*, *Psychopharmacology*, *Appetite*, and *Health Psychology*. She was recently awarded a 3-year research grant from the National Institutes of Health to investigate delay discounting and obesity in food-insecure women. She currently serves as associate editor of *The Behavior Analyst* and just finished a term on the ABAI Science Board. She also served as past-president of Four Corners Association for Behavior Analysis and as the program chair for the Southeastern Association for Behavior Analysis.

**Abstract:** Delay discounting refers to a preference for smaller, sooner over larger, delayed outcome. Domain effects refer to a tendency for some outcomes to be more strongly discounted than others. We will review research that reports domain effects across a variety of special populations, but focus on an outcome that is one of the most steeply discounted food. Our laboratory, which examines delay discounting with obese rats and humans has uncovered a consistent pattern of domain-specific discounting effects with food as the outcome. In other words, the largest differences in obese and healthy-weight subjects tend to be with food or food-related outcomes. This domain-specific finding also has been shown in response to the treatment of mindful eating. Implications for using multiple relevant outcomes in discounting studies will be discussed. This presentation will also serve as an introduction to a panel discussion on the application of behavioral economics to obesity.

## #22 Symposium

**Ethics**

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10:00 am–10:50 am  
Convention Center 406/407  
EDC/AUT; Service Delivery  
BACB CE Offered. CE Instructor: Roz Prescott, M.A.

### **The Autism Explosion: Using Technology to Teach and Implement Applied Behavior Analysis and Best Practices to Multiple Team Members in Educational Settings**

Chair: Laurie Sperry (Yale School of Medicine; Regis University)

#### **Put Me in Coach: Using a Train the Trainer Model Approach to Promote Capacity Building and Effective Implementation of Best Practices in Educational Settings**

MARIA WILCOX (Rethink)

#### **Using Technology to Enhance Clinical Supervision and Training in Educational Settings**

JAMIE HUGHES-LIKA (ATAP)

#### **The Assistant Impact: Utilizing Technology and Applied Behavior Analysis Practices for Effective Development of Paraprofessionals Supporting Students With Autism in Educational Settings**

ROZ PRESCOTT (Rethink)

10:00 am–10:50 am  
Convention Center Four Seasons Ballroom 4  
OBM; Theory  
BACB CE Offered. CE Instructor: Christoph F. Bördlein, Ph.D.

**On Disseminating Behavior Analysis in an Anti-Behavioristic Environment: Behavior Based Safety in Germany. Why Radical Behaviorism is Essential for Organizational Behavior Management**  
Chair: Douglas A. Johnson (Western Michigan University)

CHRISTOPH F. BÖRDLEIN (University of Applied Sciences Wuerzburg)



Christoph Bördlein is a professor of behavioral social work, general and clinical psychology at the University of Applied Sciences Wuerzburg-Schweinfurt in Germany. He earned his doctorate in psychology from the University of Bamberg in 2001. He worked in an institution for the occupational rehabilitation of visually impaired and blind adults and served as head of the Department of Occupational Health Management and Psychosocial Care at the Federal Court of Auditors in Germany. He is a consultant for Behavior Based Safety and authored the first textbook on Behavior Based Safety in German (Verhaltensorientierte Arbeitssicherheit, 2015). Dr. Bördlein is also known for his engagement in critical thinking in the German Skeptic’s Society. He co-founded the German chapter of ABAI and serves on the board of the European Association for Behavior Analysis.

**Abstract:** Although it’s one of the biggest economies worldwide, in Germany Organizational Behavior Management (OBM), the application of behavior analysis to behavior in the workplace, is virtually nonexistent. The reasons for this situation are manifold; the nearly complete lack of research and teaching in behavior analysis being the most significant. The background for this situation is a total ignorance of radical behaviorism, the philosophy of the science of behavior. On the other hand, effective OBM applications like Behavior Based Safety (BBS) are attractive to German companies. Consultants without any background in behavior analysis try to bridge this market gap with half-baked or “cognitive” versions of these applications, ignoring their foundations in radical behaviorism. But one cannot have the success of OBM applications without consideration of radical behaviorism and basic behavioral principles. Christoph Bördlein describes his efforts to promote the scientific basis for Behavior Based Safety in an environment that lacks institutions and structures for behavior analysis.

**#24 Panel Discussion**

10:00 am–10:50 am  
Convention Center Mile High Ballroom 2C  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: James E. Carr, Ph.D.

**An Update on the Behavior Analyst Certification Board**  
Chair: Melissa R. Nosik (Behavior Analyst Certification Board)

JAMES E. CARR (Behavior Analyst Certification Board)  
ISER GUILLERMO DELEON (University of Florida)  
NEIL T. MARTIN (Behavior Analyst Certification Board)

**#25 Panel Discussion**

Ethics

10:00 am–10:50 am  
Convention Center Mile High Ballroom 2A  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: Adam E. Ventura, M.S.

**The Science of Startups: Tips for Starting and Running an Ethical Business in ABA**  
Chair: Manuel Rodriguez (ABA Technologies, Inc.)

ADAM E. VENTURA (World Evolve, Inc.)  
BRETT J. DINOVI (Brett DiNovi & Associates, LLC)  
ANDREA MACKEN (Comprehensive Autism Services)

Saturday, May 27

## #26 Panel Discussion

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10:00 am–10:50 am  
Convention Center Mile High Ballroom 2B  
PRA; Theory  
BACB CE Offered. CE Instructor: Ashley Eden Greenwald, Ph.D.

### **A Panel Discussion on Applied Behavior Analysis and Positive Behavior Support**

Chair: Ashley Eden Greenwald (University of Nevada, Reno)

ROSE IOVANNONE (University of South Florida; Florida Mental Health)  
REBECCA HARTZELL (University of Arizona)  
JODIE SORACCO (University of Nevada, Reno)

## #27 Symposium

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10:00 am–11:50 am  
Hyatt Regency, Centennial Ballroom H  
AAB/TBA; Applied Research

### **Unleashing Applied Animal Behavior: Dissemination of Behavioral Science Through Practice**

Chair: Janie Funk (University of Nevada, Reno)

Discussant: Christy A. Alligood (Disney's Animal Kingdom; Florida Institute of Technology)

#### **Training the Guide Dog: A “Nice!” Outlet for Dissemination**

JANIE FUNK and W. Larry Williams (University of Nevada, Reno)

#### **Behavior Management in Exotic Animal Care—The Welfare Connection**

KENNETH T. RAMIREZ (John G. Shedd Aquarium)

#### **Talk the Talk and Walk the Dog: Communicating With Pet Owners**

KENNON ANDY LATTAL (West Virginia University)

#### **Expanding Our Reach: ABA Goes Bananas**

SUSAN G. FRIEDMAN (Utah State University)

## #28 Symposium

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10:00 am–11:50 am  
Convention Center Mile High Ballroom 3C  
AUT/DEV;  
BACB CE Offered. CE Instructor: Jason Cohen, M.S.

### **An Evaluation of the Variables Related to the Arrangement and Outcomes of Conditioned Reinforcement Procedures**

Chair: Jason Cohen (University of North Texas)

Discussant: Svein Eikeseth (Oslo and Akershus University College of Applied Sciences)

#### **A Comparison of Two Pairing Procedures Aiming to Establish Neutral Stimuli as Conditioned Reinforcers for Rats' Behavior**

MONICA VANDBAKK (Norwegian Association for Behavior Analysis; Oslo and Akershus University College) and Per Holth (Oslo and Akershus University College of Applied Sciences)

#### **Social Reinforcers for Infant Behavior: Primary or Conditioned?**

MARTHA PELAEZ (Florida International University), Per Holth (Oslo and Akershus University College of Applied Sciences), and Katerina Monlux (Stanford University)

#### **A Sequential Analysis of Therapist and Child Social Behavior Following a Conditioned Reinforcement Procedure**

KRISTI CORTEZ, Karen A. Toussaint, and Richelle Elizabeth Hurtado (University of North Texas)

#### **The Effects of Conditioned Reinforcement for Reading on the Acquisition of Reading Repertoires**

COLLEEN CUMISKEY MOORE and R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

## #29 Symposium

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10:00 am–11:50 am  
Convention Center Mile High Ballroom 4C/D  
AUT; Applied Research  
BACB/QABA CE Offered. CE Instructor: Regina A. Carroll, Ph.D.

### **Enhancing the Efficiency of Instructional Procedures for Children With Autism Spectrum Disorders**

Chair: Regina A. Carroll (West Virginia University)

Discussant: Bridget A. Taylor (Alpine Learning Group)



**Comparing the Efficacy and Efficiency of Varying Task Interspersal Ratios**

SOPHIE KNUTSON, Tiffany Kodak, Dayna Costello, and Gabriella Van Den Elzen (University of Wisconsin–Milwaukee); Terra Cliett (University of North Texas); and Ella M. Gorgan, Mary Halbur, and Samantha Klasek (University of Wisconsin–Milwaukee)

**Embedding Secondary Tasks Into Demand and Play Contexts When Teaching Children With Autism Spectrum Disorder**

NATALIE RUTH JONES, Regina A. Carroll, Jessica Cheatham, and Hanah Conlan (West Virginia University)

**Examination of Acquisition, Generalization, and Maintenance of Skills Using Instructive Feedback for Children With Autism**

SHAJI HAQ (Trumpet Behavioral Health); Tiffany Kodak (University of Wisconsin–Milwaukee); Rachel Yosick, Brittany Lee Bartlett, and Taylor Thompson (Marcus Autism Center); Patricia Zemantic (University of Oregon); and M. Alice Shillingsburg (Marcus Autism Center; Emory University School of Medicine)

**Training Sufficient Exemplars When Teaching Expressive Labeling of Third Person Pronouns to Children With Autism Spectrum Disorder**

BETHANY HANSEN, Jamie Lee Cohen, Cassondra M. Gayman, and Whitney Trapp (Marcus Autism Center) and M. Alice Shillingsburg (Marcus Autism Center, Emory University School of Medicine)

**#30 Symposium**

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10:00 am–11:50 am  
Hyatt Regency, Capitol Ballroom 5-7  
CBM; Service Delivery

**Quantitative Models: What Use are They for Applied Behavior Analysts?**

Chair: Jennifer J. McComas (University of Minnesota)  
Discussant: David P. Wacker (The University of Iowa)

**Choice in Transition: Replication and Extension to Preschool Children in a Naturalistic Setting**

BRIAN K. MARTENS (Syracuse University), Tonya LeAnn Lambert (Virginia Institute of Autism), William Sullivan and Jennifer Magnuson (Syracuse University), Rebecca Womack (independent consultant), and Samantha Sallade and Emily L. Baxter (Syracuse University)

**Strategies to Mitigate the Recurrence of Problem Behavior Following Functional Communication Training**

BRIAN D. GREER and Wayne W. Fisher (University of Nebraska Medical Center’s Munroe-Meyer Institute), Ashley Marie Fuhrman (University of Nebraska Medical Center), and Katie Lichtblau (University of Nebraska)

**Quantifying Persistence and Relapse With Behavioral Momentum Theory**

CHRISTOPHER A. PODLESNIK (Florida Institute of Technology)

**The Translational Utility of Operant Behavioral Economic Demand**

DEREK D. REED (The University of Kansas)

**#31 Symposium**

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10:00 am–11:50 am  
Convention Center Mile High Ballroom 1A/B  
DDA/AUT; Applied Research  
BACB CE Offered. CE Instructor: Mahshid Ghaemmaghami, Ph.D.

**Functional Communication Training and Schedule Thinning: Current Advances and Methodological Refinements**

Chair: Mahshid Ghaemmaghami (University of the Pacific)  
Discussant: Jeffrey H. Tiger (University of Wisconsin–Milwaukee)

**An Evaluation of Prompting Procedures During Functional Communication Training**

ROBIN K. LANDA and Gregory P. Hanley (Western New England University) and Mahshid Ghaemmaghami (University of the Pacific)

**Differentiating Functional Communication Responses**

SHANNON WARD (The New England Center for Children; Western New England University), Gregory P. Hanley (Western New England University), and Christine Warner and Ellen Gage (The New England Center for Children; Western New England)

**Comparing Alternative-Reinforcement Procedures to Enhance Functional Communication Training During Reinforcement Schedule Thinning**

AMANDA ZANGRILLO (University of Nebraska Medical Center’s Munroe-Meyer Institute), Ashley Marie Fuhrman (University of Nebraska Medical Center), and Brian D. Greer and Wayne W. Fisher (University of Nebraska Medical Center’s Munroe-Meyer Institute)

**Treating Stereotypy With FCT, Tolerance Training, and Response Chaining**

JESSICA SLATON (Western New England University; Nashoba Learning Group), Gregory P. Hanley (Western New England University), and Kate Raftery (Nashoba Learning Group)



### #32 Symposium

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10:00 am–11:50 am  
Convention Center Four Seasons Ballroom 1  
DDA/AUT; Applied Research  
BACB CE Offered. CE Instructor: SungWoo Kahng, Ph.D.

#### **Quantifying Effects, Identifying Relations, and Extending the Generality of Behavior Analytic Research on Problem Behavior**

Chair: SungWoo Kahng (University of Missouri)  
Discussant: Gregory P. Hanley (Western New England University)

##### **Empirically Supported Treatments in Applied Behavior Analysis**

MICHELLE A. FRANK-CRAWFORD, Patricia F. Kurtz, and Louis P. Hagopian (Kennedy Krieger Institute)

##### **The Use and Utility of Consecutive Controlled Case Series in Applied Behavior Analysis**

GRIFFIN ROOKER, Clare Liddon, Christopher M. Dillon, and Louis P. Hagopian (Kennedy Krieger Institute)

##### **Examining Correspondence Between Statistical Modeling and Visual Analysis of Behavioral Assessment and Treatment Data**

NICOLE LYNN HAUSMAN (Kennedy Krieger Institute), Gayane Yenokyan (Johns Hopkins Bloomberg School of Public Health), and Julia Iannaccone and Louis P. Hagopian (Kennedy Krieger Institute)

##### **Identifying Predictive Behavioral Markers: Implications for Advancing Practice and Research**

LOUIS P. HAGOPIAN and Griffin Rooker (Kennedy Krieger Institute) and Gayane Yenokyan (Johns Hopkins Bloomberg School of Public Health)

### #33 Symposium

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10:00 am–11:50 am  
Convention Center Mile High Ballroom 1C/D  
DDA/AUT; Applied Research

#### **Establishing and Evaluating Conditioned Reinforcers With Individuals With Developmental Disabilities**

Chair: Talia Crabb (Caldwell University)  
Discussant: Anthony DeFulio (Western Michigan University)

##### **Establishing Conditioned Reinforcers With Individuals With Developmental Disabilities: A Review of the Literature**

BEN RHODES, Tina Sidener, and Catherine Taylor-Santa (Caldwell University)

##### **Does Praise Function as a Conditioned Reinforcer in Children With ASD?**

CORINA JIMENEZ-GOMEZ (The Scott Center for Autism Treatment, Florida Institute of Technology); Alex Forton, Karli Silverman, and Ashley Abel (Florida Institute of Technology); Michael E. Kelley (The Scott Center for Autism Treatment, Florida Institute of Technology); and Christopher A. Podlesnik (Florida Institute of Technology)

##### **Effects of Delay on Token Reinforcement**

MARY KATHERINE CAREY (Western New England University) and Jason C. Bourret (The New England Center for Children)

##### **Comparing the Relative Efficacy of Tokens and Backup Reinforcers**

STEPHANIE BONFONTE and Jason C. Bourret (The New England Center for Children)

### #34 Invited Symposium

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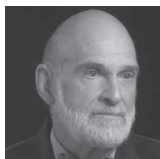
10:00 am–11:50 am  
Hyatt Regency, Capitol Ballroom 1-3  
DEV  
PSY/BACB CE Offered. CE Instructor: R. Douglas Greer, Ph.D.

#### **Bi-Directional Naming: Perspectives From Four Laboratories**

Chair: R. Douglas Greer (Columbia University Teachers College and Graduate)  
Discussant: Julian C. Leslie (University of Ulster)

#### **Experiences That Establish Naming Types and What Happens Afterwards**

R. DOUGLAS GREER (Columbia University Teachers College and Graduate School of Arts and Sciences)



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 and 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 216 doctoral dissertations taught over 2,000 teachers

and professors, originated the CABAS model of schooling used in the USA, Ireland, Italy, and 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:** Naming types have been identified as verbal behavior developmental cusps that result from a history of experiences. Different types of naming have been identified according to the stimuli controlling stimuli including: (a) naming involving actions, (b) additional auditory stimuli, (c) exclusion conditions, (d) familiar and unfamiliar stimuli, and (e) additional auditory stimuli. Some children who do not demonstrate naming can do so after several interventions and their educational prognosis improves as a result.

### **Bidirectional Naming as a Problem Solving Strategy**

CAIO F. MIGUEL (California State University, Sacramento)



Dr. Caio Miguel is an associate 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 over 50 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 (TAVB)* and currently serves as an Associate Editor for the *Journal of Applied Behavior Analysis (JABA)*. He is the recipient of the 2014 award for Outstanding Scholarly Activities 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.

**Abstract:** Humans often solve problems by engaging in a variety of strategies, some of which involve talking to themselves. This requires that they speak with understanding. Bidirectional Naming (BiN) is the term used (in behavior analysis) to refer to the ability to react as a listener to one's own speaker behavior. In this talk, I will describe basic, translational, and applied studies supporting the role of BiN in the development of complex skills such as categorization and analogical reasoning. Evidence for the role of BiN as a problem solving strategy comes from positive performances on complex matching-to-sample tasks after the use of verbal behavior training alone, and also from spontaneous vocalizations on the specific verbal strategies utilized by participants during or after task completion.

### **Classes of Equivalent Stimuli as Antecedents in Verbal Operants**

DEISY DAS GRAÇAS DE SOUZA (Universidade Federal de São Carlos)



Deisy de Souza is Full Professor at the Psychology Department, Universidade Federal de São Carlos (UFSCar), Brazil, where she teaches behavior analysis in graduate and undergraduate courses in Psychology, and in Special Education. She obtained her Ph.D. in experimental psychology at Universidade de São Paulo (USP), under the direction of Carolina Bori, and held a post-doctoral position at the University of Maryland Baltimore County, working with Charlie Catania. She has published articles and book chapters on non-human and human relational learning, including studies applying the stimulus equivalence paradigm to investigate the acquisition of

symbolic relations involved in reading and writing, and in developing curricula to teach those skills. She is past-Associate Editor of *Acta Comportamental*, and currently serves as editor of the *Brazilian Journal of Behavior Analysis (BJBA)*. She is the recipient of the 2015 Award for Distinguished Contributions to the Experimental Analysis of Human Behavior by the Experimental Analysis of Human Behavior Special Interest Group, of the Association for Behavior Analysis International.

**Abstract:** In the paper that gave rise to the study of stimulus equivalence, Sidman (1971) used the terms name/naming to generically designate responses under the discriminative control of pictures and printed words. In Skinnerian terms, he was referring to tact and textual relations. In Sidman's study, these discriminated operants emerged as a by-product of learning stimulus-stimulus relations. Although the response in a tact (or textual behavior) occurs under the control of a specific stimulus, if that stimulus is a member of an equivalence class, this implies that the response comes under the control of the class as a whole. The class, in turn, involves at least the primary item or environmental aspect, the spoken word/s, which was/were conventionally related to this item by the learner's verbal community (in the tact), and the corresponding printed word/s [in textual behavior]. Consequently, the learning history established listening and speaking behaviors in the same individual. This presentation will illustrate the formation of equivalence classes and the development of listening comprehension, tact, and textual behaviors in a sample of deaf children with cochlear implants.

## On the Role of Overt and Covert Naming in the Emergence of Derived Stimulus Relations

Ruth Anne Rehfeldt (Southern Illinois University)



Dr. Rehfeldt holds a BA in psychology from the University of Puget Sound in Tacoma, WA (1993), and masters and Ph.D. degrees from the University of Nevada (1998), where she was a student of Dr. Linda J. Hayes. Dr. Rehfeldt has published approximately 100 articles and book chapters in behavior analysis. Her expertise focuses specifically upon basic and applied investigations of verbal behavior, private events and derived stimulus relations. She recently co-edited a book with Yvonne Barnes-Holmes entitled *Derived Stimulus Relations Applications for Learners with Autism and other Developmental Disorders: A Progressive Guide for Change*. Dr.

Rehfeldt is the editor for *The Psychological Record*, a journal founded by J. R. Kantor in 1937 and for which B. F. Skinner was one of the first editorial board members. She is or has been an editorial board member for a number of journals, including *Journal of Applied Behavior Analysis*, *The Analysis of Verbal Behavior*, *International Journal of Psychology and Psychological Therapy*, and the *European Journal of Behavior Analysis*. Dr. Rehfeldt and her students have delivered over 200 conference presentations over the years. Ruth Anne was the co-founder, program chair, and past president of the Mid-American Association for Behavior Analysis. Ruth Anne has been awarded Teacher of the Year and Researcher of the Year awards several times in her college at Southern Illinois University. She also holds leadership positions within ABAL, currently serving as program co-chair for ABAL's annual autism conference as well as the chairperson for the Application Review Committee. Ruth Anne is the director of Southern Illinois University's autism center, and, in addition to her professional duties is currently wearing another hat as the accreditation coordinator for Southern Illinois University and a peer reviewer for the Higher Learning Commission.

**Abstract:** Skinner (1957) conceptualized thinking as covert verbal behavior for which a speaker mediates his or her own reinforcement, in other words, serves as his or her own listener. Skinner stated, 'the speaker's own verbal behavior automatically supplies stimuli for echoic, textual, or intraverbal behavior, and these in turn generate stimuli (which occasion) further responses' (1957; p. 439). This presentation will explore the role of overt and covert naming from Skinner's (1957) perspective on thinking, specifically with regards to the establishment of derived stimulus relations. Discussed will be results from Byrne et al. (2014), which monitored the echoing and spontaneous emission of stimulus names over the course of the stimulus pairing observation procedure in children with autism, and found that greater instances of overt naming occurred in participants who performed with lower accuracy during emergent listener and tact tests. Results from Barnes (2013) will also be shared, in which conditional discrimination and multiple exemplar instruction were implemented to establish derived relational responding in accordance with hierarchical frames, in typically developing elementary-school aged children. Analysis of talk-aloud data from concurrent and retrospective talk-aloud procedures revealed the sometimes-beneficial effects of a speaker responding as a listener within the same skin during derived relations tasks.

### #35 Symposium

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10:00 am–11:50 am

Hyatt Regency, Centennial Ballroom B/C  
EAB

#### Stimulus Control: Testing the Boundaries

Chair: Vikki J. Bland (The University of Auckland)

Discussant: Jennifer Sutton (Brescia University College)

##### **Punishment Revisited: Stimulus Control and Behavior Reduction**

VIKKI J. BLAND, Sarah Cowie, and Douglas Elliffe (The University of Auckland) and Christopher A. Podlesnik (Florida Institute of Technology)

##### **Stimulus Overselectivity and Effective Reward History**

LUCA BLUMHARDT and Brent L. Alsop (University of Otago)

##### **Effects of Conflicting Information on Temporal Discrimination**

STEPHANIE GOMES-NG, Douglas Elliffe, and Sarah Cowie (The University of Auckland)

##### **Stimulus Control in Two Rodent Models of Attention-Deficit/Hyperactivity Disorder**

ADAM E. FOX, Sierra Caramia, Molly Haskell, Aerial Ramey, and Depika Singha (St. Lawrence University)

### #36 Paper Session

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10:00 am–11:50 am

Convention Center 403/404  
EDC

#### Practicing What We Teach: Employing ABA Principles to Improve Upon Undergraduate Instruction

Chair: Nelly Dixon (Kaplan University)

##### **Evaluating the Effects of Evidence-Based Instructional Practice in an Online Course: A Follow-Up Study (Applied Research)**

AMANDA L. YURICK (Cleveland State University)

**Outside Skinner's Box: Promoting Student Motivation and Engagement in the Online Classroom**  
(Service Delivery)  
NELLY DIXON (Kaplan University)

**Use of Elaborate Feedback in a Modified Personalized System of Instruction Course to Enhance Student Performance: Extended Analysis** (Applied Research)  
RITA OLLA and Ramona Houmanfar (University of Nevada, Reno)

**Flashcards With Fill-in-the-Blank or See Term/Say Definition on Undergraduate Test Performances**  
(Service Delivery)  
Scott A. Miller (Truckee Meadows Community College; Fit Learning; Bx Plus), ABIGAIL LEWIS (Fit Learning; University of Nevada, Reno; Bx Plus), Cameron Green (Bx Plus; HSI-WARC), and Ryan Lee O'Donnell (Institute of Meaningful Instruction; Bx Pus; HSI-WARC)

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### #37 Symposium

10:00 am–11:50 am  
Hyatt Regency, Centennial Ballroom F/G  
PCH/VRB; Theory

**Behavior Through an Evolutionary Lens**  
Chair: Carsta Simon (Oslo and Akershus University College, Norway)  
Discussant: William M. Baum (University of California, Davis)

**A Selectionist View of Verbal Behavior**  
CARSTA SIMON (Oslo and Akershus University College, Norway)

**Feedback is a Fact, but Selection is a Theory**  
TERRY SMITH (Edinboro University of Pennsylvania)

**The Experimental Analysis of Behavior: More Important Than Evolutionary Speculations**  
JOHN C. MALONE (University of Tennessee)

**There Are No Behavioral Rabbits in the Ontogenic Precambrian**  
WILLIAM DAVID STAHLMAN (University of Mary Washington)

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### #38 Symposium

10:00 am–11:50 am  
Convention Center 304  
TBA; Service Delivery  
BACB CE Offered. CE Instructor: John E. Staubitz, M.Ed.

**Making Applied Behavior Analysis Available to Other Disciplines through Behavior Skills Training**  
Chair: Brenda J. Bassingthwaite (University of Iowa Children's Hospital)  
Discussant: Patrick C. Friman (Boys Town)

**Training School-Based Consultants to Conduct Data-Based Functional Assessments**  
JOHN E. STAUBITZ and Lauren A. Weaver (TRIAD, Vanderbilt Kennedy Center) and Verity Rodrigues and A. Pablo Juárez (Vanderbilt University Medical Center)

**Effects of a Remote Behavioral Skills Training Package on Staff Performance in Conducting Functional Analyses**  
DENICE RIOS and Rebecca Renee Wiskirchen (Western Michigan University), Yannick Andrew Schenk (Kennedy Krieger Institute), and Stephanie M. Peterson (Western Michigan University)

**Teleconsultation in a State-Wide Training Project for School Teams**  
JESSICA GRABER and Brenda J. Bassingthwaite (University of Iowa Children's Hospital), Adam Weaver (University of Nebraska at Omaha), Denise White-Staecker (Heartland Area Education Agency), and David P. Wacker (The University of Iowa)

**Increasing the Presence of School-Based Behavior Analysts in Iowa: How it Affects our Clinics**  
DEVA CARRION (The University of Iowa), Brenda J. Bassingthwaite and Julianne St. John (University of Iowa Children's Hospital), and Denise Allison (Child Health Specialty Clinics)

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### #39 Paper Session

10:00 am–11:50 am  
Convention Center 401/402  
TBA

**Supervisory Skills: Ethical Behavior, Technology, and Integrity**  
Chair: Katie Garza (Western Michigan University)

**Survey of Needs for BCBA Supervisors** (Service Delivery)  
KATIE GARZA, Heather M. McGee, and Stephanie M. Peterson (Western Michigan University)

**Twenty-First Century Technology and Applied Behavior Analysis Training: Moving Forward With Integrity** (Service Delivery)

SETH KING (Tennessee Technological University) and Alicia Mrachko (Bowling Green State University)

**The Utilization of Professional Learning Communities to Build Stronger Supervision** (Theory)

MARY ANNETTE LITTLE (Lipscomb University)

**Supervising Ethically: A Clinician's Model for Supervision and Training of Practicum Students** (Service Delivery)

MICHELLE FUHR and Krista M. Clancy (University Pediatricians Autism Center)

**#40 Symposium**

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10:00 am–11:50 am

Convention Center Mile High Ballroom 3A

VRB/AUT; Applied Research

BACB CE Offered. CE Instructor: Megan R. Heinicke, Ph.D.

**Maximizing Learning Through Generative Instruction**

Chair: Megan R. Heinicke (California State University, Sacramento)

Discussant: Judah B. Axe (Simmons College)

**An Evaluation of Matrix Training to Teach Piano Notes and Rhythms to College Students**

EMILY DARCEY, Jocelyn Diaz, Careen Suzanne Meyer, Clara Cordeiro, Svea Love, and Caio F. Miguel (California State University, Sacramento)

**Evaluating the Effects of Similar and Distinct Discriminative Stimuli During Conditional Auditory Discrimination Training With Children With Autism**

ANGELICA A. AGUIRRE (Trumpet Behavioral Health), Linda A. LeBlanc (LeBlanc Behavioral Consulting LLC), Catherine Anne Miltenberger (Trumpet Behavioral Health), and Kaneen Smyer (Ivymount School)

**An Evaluation of Instructive Feedback on the Emergence of Novel Language for Children With Autism Spectrum Disorder**

CATHERINE COPSEY, Kimberly Magat, Megan R. Heinicke, Adrienne Jennings, and Caio F. Miguel (California State University, Sacramento) and Amy S. Polick (Florida State University Panama City)

**Comparing Procedures on the Acquisition and Generalization of Tacts for Children With Autism Spectrum Disorder**

LAUREN K. SCHNELL and Jason C. Vladescu (Caldwell University), Tiffany Kodak (University of Wisconsin–Milwaukee), and Casey Nottingham (Caldwell University)

**#41 Paper Session**

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11:00 am–11:20 am

Convention Center 405

EDC

**Fidelity Measures in School-Wide Positive Behavioral Interventions and Supports**

Chair: Ashley Stride (George Mason University)

**Fidelity Measures in School-Wide Positive Behavioral Interventions and Supports** (Service Delivery)

ASHLEY STRIDE (George Mason University) and Sarah E. Pinkelman (Utah State University)

**#42 Symposium**

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**Supervision**

11:00 am–11:50 am

Convention Center Mile High Ballroom 3B

AUT; Applied Research

BACB/QABA CE Offered. CE Instructor: Sigmund Eldevik, Ph.D.

**Reducing Problem Behavior With Functional Communication Training: Two Case Studies**

Chair: Sigmund Eldevik (Oslo and Akershus University College of Applied Sciences)

Discussant: Tara A. Fahmie (California State University, Northridge)

**Improvements in Problem Behavior With Synthesized Analysis and Treatment: A Systematic Replication in an EIBI Home Program**

REBEKKA STRAND and Sigmund Eldevik (Oslo and Akershus University College of Applied Sciences)

**Reduction in Restraints Following a Functional Analysis of Severe Problem Behavior and Communication Training**

PETUR I. PETURSSON (Agency for Social and Welfare Services) and Sigmund Eldevik (Oslo and Akershus University College of Applied Sciences)

## #43 Symposium

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11:00 am–11:50 am

Convention Center Mile High Ballroom 4A

AUT/PCH;

BACB CE Offered. CE Instructor: Alison M. Betz, Ph.D.

### **Evaluating the Behavioral Mechanisms of the DRO: What Makes it Work and Why?**

Chair: Alison M. Betz (Coastal Behavior Analysis)

#### **Differential Reinforcement of Other Behavior: An Experimental Analysis of Adventitious Reinforcement**

CATALINA REY (Kennedy Krieger Institute), Alison M. Betz (Coastal Behavior Analysis), Andressa Sleiman (Florida Institute of Technology), Toshikazu Kuroda (Aichi Bunkyo University), and Christopher A. Podlesnik (Florida Institute of Technology)

#### **Translational and Applied Analysis of What Makes Differential Reinforcement of Other Behavior Work**

JUSTINE HENRY, Michael E. Kelley, and Aurelia Ribeiro (Florida Institute of Technology; The Scott Center for Autism Treatment)

#### **Comparing Resetting to Non-Resetting DRO Procedures to Reduce Stereotypy in a Child With Autism**

CHANA GEHRMAN (Florida Institute of Technology; The Scott Center for Autism Treatment), David A. Wilder (Florida Institute of Technology), and Alex Forton and Kristin M. Albert (Florida Institute of Technology; The Scott Center for Autism Treatment)

## #44 Symposium

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11:00 am–11:50 am

Convention Center Mile High Ballroom 4E/F

AUT/EDC; Service Delivery

BACB/QABA CE Offered. CE Instructor: John D. Molteni, Ph.D.

### **Advancements in Teaching Play Skills to Children With Autism Spectrum Disorder**

Chair: John D. Molteni (University of Saint Joseph)

Discussant: William H. Ahearn (The New England Center for Children)

#### **Increasing Sociodramatic Play Skills in Children With Autism Spectrum Disorder via Peer-Mediated Matrix Training**

ELIZABETH HATZENBUHLER and John D. Molteni (University of Saint Joseph) and Judah B. Axe (Simmons College)

#### **Increasing Functional Leisure Engagement for Children With Autism Using Backward Chaining**

Chelsea Kremer and CLAIRE LEA (Marcus Autism Center), Robin K. Landa (Western New England University), Sarah Frampton (Marcus Autism Center), and M. Alice Shillingsburg (Marcus Autism Center, Emory University School of Medicine)

## #45 Symposium

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11:00 am–11:50 am

Hyatt Regency, Capitol Ballroom 4

CBM; Applied Research

BACB CE Offered. CE Instructor: Michael Bordieri, Ph.D.

### **Applications of Analogue Studies in Clinical Behavioral Analysis**

Chair: Caleb Fogle (University of Louisiana at Lafayette)

#### **Assessing Changes in Body Image Flexibility Following Flexibility-Based Interventions**

JONAH DAVID MCMANUS (University of Louisiana in Lafayette), Michael Bordieri (Murray State University), and Gina Boullion, Grayson Butcher, and Emily Kennison Sandoz (University of Louisiana at Lafayette)

#### **On the Importance of Analogue Research in Clinical Behavior Analysis**

MICHAEL BORDIERI (Murray State University)

#### **Exercising Experiential Acceptance: Impact of Exercise on Willingness to Experience Acute Emotions and Distress Tolerance**

TRACY PROTTI, Caitlyn Daigle, Teresa Miguez, Michael McDermott, and Emily Kennison Sandoz (University of Louisiana at Lafayette)

## #46 Symposium

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11:00 am–11:50 am  
Convention Center 406/407  
EDC/AUT; Applied Research  
BACB CE Offered. CE Instructor: Michael E. May, Ph.D.

### **Keeping Children Safe Through Applications of Behavior Analysis**

Chair: Meghan Doherty (Southern Illinois University)  
Discussant: Michael E. May (Southern Illinois University)

#### **Teaching an Adolescent Male With Down Syndrome to Recruit Help When Lost**

MARY MATTHEWS, Joseph Michael Lambert, and Nealetta Houchins-Juarez (Vanderbilt University)

#### **Training Preschool Children to Identify and Report Suspicious Packages**

MATTHEW L. JOHNSON (Southern Illinois University-Carbondale); Michael E. May, Ashley Shayter, and Ayla Schmick (Southern Illinois University); Becky Barron (Southern Illinois University-Carbondale); and Meghan Doherty (Southern Illinois University)

## #47 Symposium

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11:00 am–11:50 am  
Hyatt Regency, Granite  
OBM/EAB; Basic Research  
BACB CE Offered. CE Instructor: Marianne L. Jackson, Ph.D.

### **Current Developments in Designing Interventions Related to Motivation and Cooperation in Organizations**

Chair: Alison Szarko (University of Nevada, Reno)  
Discussant: Marianne L. Jackson (California State University, Fresno)

#### **The Implicit Relational Assessment: A Historical Overview**

KENNETH BURLEIGH, Ramona Houmanfar, Elizabeth Ghezzi, and Alison Szarko (University of Nevada, Reno) and Gregory Scott Smith (Chrysalis, Inc.; University of Nevada, Reno School of Medicine)

#### **Cooperation and Conformity: Exploring the Predictive Utility of the Implicit Behavioral Assessment as a Tool to Guide Organizational Interventions**

ELIZABETH GHEZZI, Ramona Houmanfar, Alison Szarko, and Kenneth Burleigh (University of Nevada, Reno) and Gregory Scott Smith (Chrysalis, Inc.; University of Nevada, Reno School of Medicine)

## #48 Paper Session

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11:00 am–11:50 am  
Hyatt Regency, Mineral Hall A-C  
OBM  
The Influence of Leadership on Organizational Culture and Change  
Chair: Douglas Robertson (Florida International University)

#### **The Role of Leaders in Organizational Corruption: A Metacontingency Analysis of Three Ghanaian Public Sector Fraud Cases** (Basic Research)

TETE KOBLA AGBOTA (Oslo and Akershus University of Applied Sciences)

#### **Changing Horses in Mid-Stream: Leadership Succession During Large-Scale Organizational Change** (Theory)

DOUGLAS ROBERTSON and Martha Pelaez (Florida International University)

## #49 Panel Discussion

## Supervision

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11:00 am–11:50 am  
Convention Center Mile High Ballroom 1E/F  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: Stephanie M. Peterson, Ph.D.

### **We're Not Too Cool for School: How to Establish and Maintain School- and Community-Based Practicums**

Chair: Stephanie M. Peterson (Western Michigan University)

MICHAEL KRANAK (Western Michigan University)  
REBECCA KOLB (Western Michigan University)  
NATHAN VANDERWEELE (Western Michigan University)



**#50 Symposium****Ethics**

11:00 am–11:50 am  
 Convention Center Mile High Ballroom 2C  
 PRA/PCH; Service Delivery  
 BACB CE Offered. CE Instructor: Robert K. Ross, Ed.D.

**Practical and Ethical Issues in Current Functional Analysis Methodology: Potential Solutions**  
 Chair and discussant: Robert K. Ross (Beacon ABA Services)

**Direct Observation of Consequences Toll for Raising Hypothesis About Function of Problematic Behaviors**

PAULO GUILHARDI, Sue A. Rapoza-Houle Rapoza, Jennifer Smith, and Robert K. Ross (Beacon ABA Services)

**Experimental Methods for Assessing Function Without Direct Reinforcement of Problematic Behaviors**  
 JENNIFER SMITH, Paulo Guilhardi, and Robert K. Ross (Beacon ABA Services)

**#51 Panel Discussion****Student Committee Event**

11:00 am–11:50 am  
 Convention Center Mile High Ballroom 2B  
 PRA; Applied Research

**Professional Development Series: A Guide to Getting Started in the Field of Pediatric Feeding Disorders**  
 Chair: Amy Kate Rosenblum (Kennedy Krieger Institute; University of Maryland, Baltimore County)

CATHLEEN C. PIAZZA (University of Nebraska Medical Center's Munroe-Meyer Institute)

VALERIE M. VOLKERT (Marcus Autism Center; Emory School of Medicine)

CARRIE S. W. BORRERO (Kennedy Krieger Institute)

**#52 Panel Discussion**

11:00 am–11:50 am  
 Convention Center Mile High Ballroom 2A  
 PRA; Service Delivery

**Beyond Autism: Applied Behavior Analysis for All**  
 Chair: Sharon Older (Adapt Behavioral Services)

COREY L. ROBERTSON (ABA Tech / Florida Tech)

ANDREW JOHN HOUVOURAS (Applying Behavior Concepts)

TARA A. ZELLER (The AppleTree Connection)

**#53 B. F. Skinner Lecture Series****Recorded Session**

11:00 am–11:50 am  
 Convention Center Four Seasons Ballroom 4  
 PRA; Applied Research  
 PSY/BACB CE Offered. CE Instructor: John M. Guercio, Ph.D.

**Darwin, Diet, Disease, and Dollars**

Chair: John M. Guercio (Benchmark Human Services)

ROBERT LUSTIG (University of California San Francisco)



Dr. Lustig is a neuroendocrinologist, with basic and clinical training relative to hypothalamic development, anatomy, and function. Prior to coming to San Francisco in 2001, he worked at St. Jude Children's Research Hospital in Memphis, TN. There, he was charged with the endocrine care of many children whose hypothalamus had been damaged by brain tumors, or subsequent surgery, radiation, or chemotherapy. Many patients who survived became massively obese. Dr. Lustig theorized that hypothalamic damage led to the inability to sense the hormone leptin, which in turn, led to the starvation response. Since repairing the hypothalamus was not an

option, he looked downstream, and noted that these patients had increased activity of the vagus nerve (a manifestation of starvation) which increased insulin secretion. By administering the insulin suppressive agent octreotide, he was able to get them to lose weight; but more remarkably, they started to exercise spontaneously. He then demonstrated the same phenomenon in obese adults without CNS lesions. The universality of these findings has enabled Dr. Lustig to weave these threads together into a novel unifying hypothesis regarding the etiology, prevention, and treatment of the current obesity epidemic. This has led him to explore the specific role of fructose (half of sucrose and high-fructose corn syrup) as a specific mediator of both chronic disease, and continued caloric consumption. His now notorious YouTube video, "Sugar: The Bitter Truth," continues its popularity with the lay public.

The standard paradigm assumes that we "eat too much and exercise too little, that obesity is due to two

**Abstract:** The prevalence of obesity continues to climb in all age groups, and around the world. The standard paradigm assumes that we "eat too much and exercise too little, that obesity is due to two

**Saturday, May 27**



aberrant “behaviors”. However, are these behaviors cause or effect? Our research on children with brain tumors who develop hypothalamic damage and become obese after surgery or radiation, termed “hypothalamic obesity”, demonstrates that they have anatomic “leptin resistance”. In these subjects, excessive insulin release blocks leptin signaling to drive weight gain and hunger, while pharmacologic insulin suppression results in reduced food intake, increases spontaneous activity, and promotes weight loss. Why should insulin block leptin signaling? Leptin is a necessary signal to the VMH for the initiation of high-energy processes, such as puberty and pregnancy. If leptin always worked, then nobody could gain weight, and our reproductive capacity would be shot. Most obese people are hyperinsulinemic. But is that cause or effect? It is assumed that as you gain weight, cytokines are released from adipose tissue, which drive insulin resistance. However, our research demonstrates that dietary sugar is metabolized to fat in the liver, and it is this liver fat that drives insulin resistance unrelated to peripheral fat. Why should sugar drive insulin resistance? Naturally occurring sugar in fruit is what makes fruit palatable. But for our ancestors, fruit was readily available for one month per year, called “harvest time”. Then came four months of winter, and no food at all. We needed to stock up, to increase our adiposity in preparation for four months of famine. In other words, seasonal insulin resistance was evolutionarily adaptive; but year-round insulin resistance due to ubiquitous sugar availability has become maladaptive. It is assumed that people consume sugar because of its palatability. However, there is now evidence that sugar may be addictive in humans. Obese subjects will use sugar to treat psychological symptoms. Overweight women who were self-reported carbohydrate cravers reported greater relief from dysphoria in response to a carbohydrate-containing beverage as compared to a protein drink. Why are we drawn to sweet? Evolutionarily, sweetness was the signal to our ancestors that a given food was safe to eat because there are no sweet foods that are acutely poisonous (even Jamaican vomiting sickness only occurs after consumption of unripe ackee fruit, which is not sweet). Unfortunately, the food industry knows this and adds excess sugar to processed food to make us buy more. Thus, the behaviors associated with obesity are secondary to our biochemistry, and our biochemistry is secondary to our environment. Understanding these evolutionary precepts explain our obesity epidemic, and also point to environmental and policy solutions.

#### #54 Invited Panel

11:00 am–11:50 am

Hyatt Regency, Centennial Ballroom D

SCI; Applied Research

PSY/BACB CE Offered. CE Instructor: M. Christopher Newland, Ph.D.

#### **Behavioral Economics and the Obesity Crisis: A Panel With Discussion**

Chair: M. Christopher Newland (Auburn University)

GREGORY J. MADDEN (Utah State University)

MATTHEW P. NORMAND (University of the Pacific)

RAYMOND G. MILTENBERGER (University of South Florida)



Dr. Madden received his training from the University of North Texas, West Virginia University, and the University of Vermont. Dr. Madden’s research is focused on the behavioral economics of addiction and health decision-making. His early research documented extreme impulsivity in individuals addicted to illicit drugs and cigarettes. Later research revealed that impulsive decision-making predicted acquisition of cocaine self-administration in rats. His current research investigates methods for reducing impulsivity. Dr. Madden’s second research line explores game-based behavioral-economic approaches to improving children’s health decision-making.

These research lines have been supported by grants from the National Institute on Drug Abuse, the National Institute for Child Health and Development, and from the US Department of Agriculture. Dr. Madden frequently serves on NIH grant-review panels, he has published more than 75 papers in 25 different journals, and his peer-reviewed publications have been cited more than 5,500 times. From 2011 until 2015, he served as the editor-in-chief of the *Journal of the Experimental Analysis of Behavior*. He has edited two books including the two-volume *APA Handbook of Behavior Analysis*. He is currently co-writing an introductory behavior analysis textbook and, in his free time, he skis and hikes in the beautiful mountains of Northern Utah.



Dr. Normand is an associate professor in the department of psychology at the University of the Pacific. His primary scientific interests, broadly defined, are the application of basic behavioral principles to problems of social significance (including obesity and community health issues), verbal behavior, and the philosophy and methodology of science. He is the former editor of *The Behavior Analyst*, an associate editor for the *Journal of Applied Behavior Analysis*, a former associate editor for the journals *The Behavior Analyst*, *The Analysis of Verbal Behavior*, and *Behavior Analysis in Practice*, and he serves on the editorial boards of

*Behavioral Interventions*, *The Analysis of Verbal Behavior*, and *Behavior Analysis: Research and Practice*. Dr. Normand is the 2011 recipient of the B. F. Skinner New Researcher Award from the American Psychological Association (Div. 25).



Raymond G. Miltenberger, Ph.D., BCBA-D, is the director of the Applied Behavior Analysis Program at the University of South Florida. He is a Fellow and past president of the Association for Behavior Analysis International (ABAI). His research focuses on safety skills, health, fitness, and sports, and staff training and management. He has published over 200 journal articles and chapters and has written a behavior modification textbook, now in its sixth edition. Dr. Miltenberger has received numerous teaching and research awards including the APA Division 25 Award for Distinguished Contributions to Applied Behavioral Research, the

FABA Award for Outstanding Scientific Contributions to the Field of Behavior Analysis, and the ABAI Outstanding Mentorship Award.

**Abstract:** This session is coupled with, and immediately follows, a SQAB tutorial on Behavioral Economics and Obesity presented by Dr. Erin Rasmussen. 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.

### #55 B. F. Skinner Lecture Series

11:00 am–11:55 AM

Hyatt Regency, Mineral Hall D-G

OBM: Applied Research

PSY/BACB CE Offered. CE Instructor: Julie M. Slowiak, Ph.D.

#### Discipline Without Punishment

Chair: Julie M. Slowiak (University of Minnesota Duluth)

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 to *Discipline Without Punishment* 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 20 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.

Saturday, May 27

## #56 Poster Session

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12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

EAB

Chair: Eric S. Murphy (University of Alaska Anchorage)

*Discussant: Albert Malkin (Southern Illinois University)*

**1. An Evaluation of Temporal Discounting in a Hypothetical Money Scenario: Effects of Four Common Parameters of Reinforcement Magnitude** (Basic Research) MIKE HARMAN and Tiffany Kodak (University of Wisconsin–Milwaukee) and Todd L. McKerchar (Jacksonville State University)

**2. Effects Of The Emotional Sates Induction In Delay Discounting** (Basic Research) PAULO SERGIO SERGIO DILLON DILLON SOARES FILHO and Diana Cortés-Patiño (University of San Buenaventura) and Alvaro A. Clavijo Alvarez Alvarez (Universidad Nacional de Colombia)

**3. Parametric Analyses of the Delay-of-Gratification Procedure in Humans** (Basic Research) Brenda Estela Ortega, Karina Jardines, and RAUL AVILA (National Autonomous University of Mexico)

**4. Sociometric Measures as Parameters of Social Discounting** (Basic Research) RAUL AVILA, Jorge Fernandez, and Cesar Corona (National Autonomous University of Mexico)

**5. Doing it Faster: A Shorter Sexual Partners Discounting Task** (Basic Research) TADD SCHNEIDER, Shea M. Lemley, and David P. Jarmolowicz (The University of Kansas)

**6. Using Temporal Difference Modelling to Understand Preferences for Variable Delay Schedules With High Value Food Rewards** (Basic Research) TIMOTHY JAMES DAVIES (Bangor University)

**7. Further Reliability Assessments of Several Abbreviated Delay Discounting Measures in Rodents** (Basic Research) ALLYSON RAE SALZER, Eric Markham, Janel Balsavich, and Carla H. Lagorio (University of Wisconsin - Eau Claire)

**8. The Relation between Discounting and Texting While Walking : Effects of Impulsiveness and Selfishness on the Frequency of Texting While Walking** (Basic Research) TAKEHARU IGAKI and Naoki Yamagishi (Ryutsu Keizai University)

**9. Delay, but not Probability, Discounting is Related to Positive Urgency and Stress** (CBM; Basic Research) COLIN MAHONEY and Steven R. Lawyer (Idaho State University)

**10. A Three-Dimensional Model of Delay and Social Discounting: Comparing Discounting of Own and Other's Commodities Over Time** (CSS; Basic Research) JORDAN BELISLE, Mark R. Dixon, Dana Paliliunas, and Caleb Stanley (Southern Illinois University)

**11. Academic Effort Discounting in College Students** (EDC; Basic Research) SHERRY L. SERDIKOFF and Destinee Todd (Savannah State University)

*Discussant: Holly Seniuk (University of Nevada, Reno)*

**12. Temporal Discounting of Future and Past: Hyperbolic Discounting of Past Events Is Similar to Discounting of Future Events** (PCH; Basic Research) AYLA SCHMICK, Jordan Belisle, and Mark R. Dixon (Southern Illinois University)

**13. Discounting and Level of Analysis** (Theory) XIAOJIE JOHAN LIU (Boston University) and Michael Lampert Commons (Harvard Medical School)

**14. Discounting and Risk Equations** (Theory) Patrice Marie Miller (Salem State University), Xiaojie Johan Liu (Boston University), Michael Lampert Commons (Harvard Medical School), and KYLE FEATHERSTON (Washington University St. Louis)

**15. Transformation of Function and Prior Derived Relations Testing** (Basic Research) LAUREN BEST and Adam H. Doughy (College of Charleston)

**16. Comparison of Different Training Structures in the Emergence of Equivalence Relations** (Basic Research) ADRIANA GABRIELA QUEZADA VELAZQUEZ, Maria Antonia Padilla Vargas, and Carlos Javier Flores Aguirre (Universidad de Guadalajara)

**17. Comparing Limited Hold Levels** (Basic Research) FELIX HOGNASON (ICEABA; NAFO) and Erik Arntzen (Oslo and Akershus University College of Applied Sciences)

**18. Stimulus Equivalence in University Students After Go/No-Go Successive Matching Training** (Basic Research) MASAKI ISHIZUKA and Tetsumi Moriyama (Tokiwa University)

**19. Do Contingency Manipulations Impact Conditional Discrimination Responding and Observing Patterns on Baseline and Equivalence Probe Trials?** (Basic Research) ANNA TILLERY and Carol Pilgrim (University of North Carolina Wilmington)

**20. Can Conditional Stimuli Come to Function as Conditioned Reinforcers Based on Equivalence Class Membership?** (Basic Research) CASEY OGBURN and Carol Pilgrim (University of North Carolina Wilmington)

**21. Will Stimulus Classes Established by Simple Discrimination Training Meet the Formal Definitions of Stimulus Equivalence?** (Basic Research) ASHLEIGH LEUCK and Carol Pilgrim (University of North Carolina Wilmington)

**22. On the Role of Test Trials in Classes with Meaningful Stimuli** (VRB; Basic Research) JUSTICE MENSAH and Erik Arntzen (Oslo and Akershus University College of Applied Sciences)

*Discussant: Camilo Hurtado-Parrado (Konrad Lorenz Fundación Universitaria)*

**23. Many-to-One Versus One-to-Many: Training Structures and the Emergence of Three Seven-Member Equivalence Classes** (VRB; Basic Research) VANESSA AYRES PEREIRA AIRES and Erik Arntzen (Oslo and Akershus University College of Applied Sciences)

**24. The Effect of Including Reflexivity Trials in Test for Equivalence Class Formation** (VRB; Basic Research) HANNA STEINUNN STEINGRIMSDOTTIR and Erik Arntzen (Oslo and Akershus University College of Applied Sciences)

**25. Effects of Serialized and Concurrent Training on Equivalence Class Formation** (VRB; Basic Research) CHRISTOFFER K. ELIFSEN and Erik Arntzen (Oslo and Akershus University College of Applied Sciences)

**26. Symbolic Behavior in Children With Autism: Are Non-Arbitrary Relational Responding of Size and Quantity Necessary for Deriving Comparative Relations Between Bank Notes?** (VRB; Basic Research) ANDRÉ A B VARELLA (Universidade Católica Dom Bosco) and Deisy Das Graças De Souza (Universidade Federal de São Carlos)

**27. Effects of Lag Schedules on Behavioral Variability: Targeting Different Portions of Response Sequences** (Basic Research) CASEY MCKOY IRWIN and Nicholas Van Zandt (College of Charleston), Kelly Roughgarden (University of the Pacific), and Adam H. Doughty (College of Charleston)

**28. Quantifying Behavioral Variability During a Virtual Risk-Taking Task** (Basic Research) ERIC STEPHEN KRUGER, Jeremy Dean, and Jacob Vigil (The University of New Mexico)

**29. Behavioral Variability and Resistance to Change: A Study With Humans** (Basic Research) MIKE PERFILLON and Vinca Riviere (University of Lille)

**30. Search for Symmetry in Rats Using Multiple Exemplar Training** (AAB; Basic Research) TIFFANY PHASUKKAN, Madeleine Mason, Haily Kelliher, Katherine Ely Bruce, and Mark Galizio (University of North Carolina Wilmington)

**31. Two Modes of Instructions for Solving a Task in Adults and Children** (VRB; Basic Research) MARIA LUISA CEPEDA ISLAS ISLAS, Hortensia Hickman, Diana Moreno Rodriguez, and Rosalinda Arroyo (Universidad Nacional Autónoma de México)

**32. Self-Control, Impulsivity, and Delay Discounting in Elementary School Children** (Basic Research) LORI-ANN B. FORZANO, Tara Kelly, and Sarah Hoefler (The College at Brockport, State University of New York); Michiko Sorama (Kyoto Notre Dame University); and Alyssa Button (The College at Brockport, State University of New York)

#### #57 Poster Session

12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

AAB

Chair: Susan D. Kapla (Northern Michigan University)

*Discussant: Terri M. Bright (MSPCA Angell)*

**33. Dogs That Save Your Life: A Review of How Working Dogs Are Trained** (Applied Research) OANH LUC (University of Nevada, Reno; University of North Texas) and Janie A. Funk, Breanna Dorsey, Melia Shamblyn, and W. Larry Williams (University of Nevada, Reno)

**34. A Functional Analysis and Treatment of a Domestic Pet Guinea Pigs' Disruptive Squeeking Behavior** (Applied Research) KIMBERLY TRUONG (SEEK Education) and Michele D. Wallace (California State University, Los Angeles; SEEK Education)

**35. Observations of Therapy Dogs' Stress and Affiliative Behaviors Across Time** (Applied Research) MEGAN ELIZABETH ARANT and Alexandra Protopopova (Texas Tech University)

**36. Determining Compassion Fatigue in Animal Care Employees Using Behavioral, Physiological, and Subjective Measures of Stress and Wellbeing** (CBM; Applied Research) ALLISON ANDRUKONIS and Alexandra Protopopova (Texas Tech University)

**37. Differential Reinforcement Effects in Dogs Experienced and Inexperienced With Training** (EAB; Basic Research) VALERI FARMER-DOUGAN, Julia Henning, and Antonia Berenbaum (Illinois State University)

**38. Doggone Affordances: Perception of Vertical Reaching by Canines** (EAB; Basic Research) VALERI FARMER-DOUGAN, Matthew Langley, Isabella Raymundo, Antonia Berenbaum, and Jeffrey B. Wagman (Illinois State University)

**39. Stimulus Discrimination Training to Promote Consumption of Invasive Weed Species by a Goat: Preliminary Study** (EAB; Applied Research) LORI-ANN B. FORZANO, Tara Kelly, and Marcie Desrochers (The College at Brockport, State University of New York)

**40. Citizen Science Volunteers and the Role of Inter-Observer Agreement in an Empirical Zoo** (PRA; Applied Research) VALERIE SEGURA (Jacksonville Zoo and Gardens), Megan Morris and Kaylin Tennant (University of North Florida; Jacksonville Zoo and Gardens), Dan Maloney (Jacksonville Zoo and Gardens), and Terry L. Maple (Jacksonville Zoo and Gardens; Florida Atlantic University)

**41. Using TAGTeach to Increase Skill Acquisition of Dance Movements** (Applied Research) ROBIN ARNALL (The Arc of the Ozarks; The Chicago School of Professional Psychology) and Annette Griffith and Susan D. Flynn (The Chicago School of Professional Psychology)

#### **#58 Poster Session**

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12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

EDC

Chair: Carolyn Trump (University of Georgia)

*Discussant: Wendy A. Machalicek (University of Oregon)*

**42. The Effects of Behavioral Skills Training and Peer Modeling on College Students' Pours** (Applied Research) MOLLY HANKLA, Meagan Strickland, and Carolynn S. Kohn (University of the Pacific)

**43. When and How to Correct Errors: An Investigation Using PORTL** (Applied Research) JESSICA WINNE (University of North Texas), Mary Elizabeth Hunter (The Art and Science of Animal Training), and Jesus Rosales-Ruiz (University of North Texas)

**44. Effects of Practice Quizzes on Improving Undergraduate Students' Studying Behavior** (Applied Research) HELOISA CURSI CAMPOS (Arkansas State University)

**45. Exploring Group Contingencies to Improve Undergraduate Student Preparation** (Applied Research) VIRGINIA LEE WALKER (Illinois State University) and Kristy Park (George Mason University)

**46. Gamification to Enhance Learning and Engagement in an Online University Course** (Applied Research) JOSE SOLARES, Tara A. Fahmie, and Debra Berry Malmberg (California State University, Northridge)

**47. Exam Scores With and Without Weekly Inter-teaches in Two Undergraduate Intro to Psychology Classrooms** (Service Delivery) SCOTT A. MILLER (Truckee Meadows Community College; Fit Learning; Bx Plus) and Courtney Smith (University of Nevada, Reno; Fit Learning)

**48. Ethics Education for Undergraduate Students Pursuing the BCaBA Credential** (PRA; Applied Research) HEATHER JENKINS, Jarrod Vaughan, and Duane A. Lundervold (University of Central Missouri)

**49. An Evaluation of a Component-Based Online and In-Person Self-Advocacy Skills Training Program Targeting Community College Students Accommodations Negotiation Skills** (PRA; Applied Research) JEFFREY GORDON (Centers for Disease Control and Prevention) and Glen W. White, Kelsey Shinnick, and Jean Ann Summers (The University of Kansas)

**50. Exploring The Relationship Between Procrastination and Committed Action** (PRA; Applied Research) DAVID LEGASPI and Andrea Mazo (Southern Illinois University, Carbondale) and RuthAnne Rehfeldt (Southern Illinois University)

**51. Application of Image Analysis as a Method for Measuring Undergraduates' Note-Taking** (TBA; Applied Research) MASAKO YOSHIOKA (Aichi University) and Ken'ichi Fuji (Ritsumeikan University)

*Discussant: Blake Hansen (Brigham Young University)*

**52. An Evaluation of Bonus Point Contingencies for Homework Submissions in a College Class** (TBA; Applied Research) ALLISON ROSE BICKELMAN (Autism Behavior Intervention; Endicott College) and Henry D. Schlinger (California State University, Los Angeles)

**53. An Examination of Contingencies to Promote Temporally Distributed Studying in College Students** (TBA; Applied Research) KIMBERLY N. FRAME and Sherry L. Serdikoff (Savannah State University)

**54. Badges, Competency, and Online Courses: How Course Design Contingencies Influence Student Performance** (TBA; Applied Research) VERONICA J. HOWARD and Tessamae Endes (University of Alaska Anchorage)



**55. Student Choice of Instructional Methods on Student Outcomes** (TBA; Applied Research) SAM BLANCO (Sage Colleges; Endicott College) and Mary Jane Weiss (Endicott College)

**56. A Comparison of Interteaching and Lecture-Based Instruction in a Graduate-Level Course** (TBA; Applied Research) CAMERON MITTELMAN (The Chicago School of Professional Psychology), Jessica Gamba (Pipio Academy), and Jennifer Klapatch Totsch (The Chicago School of Professional Psychology)

**57. Using SAFMEDS Instruction Combined With Precision Teaching Measurement As An Alternative Formative Assessment Approach For Building Content Fluency In University Coursework: Three Years of Classwide Data** (TBA; Applied Research) WILLIAM J. SWEENEY, Monica K. Iverson, Abigail Wiebers, and Jennifer Jorgensen (University of South Dakota)

**58. Changing a Paraprofessional's Praise Rate in the Classroom** (DDA; Service Delivery) AMANDA LYNN THORNTON, Andrew Bulla, and Jessica E. Frieder (Western Michigan University)

**59. Urban Model to Facilitate Transition of Typically Developing Children From Preschool to Elementary School** (TBA; Applied Research) MICHAL HIRSCHMANN (Kibbutzim College) and Nitza Bublil (Mati PT)

**60. Building Capacity for Educators to Complete Comprehensive Functional Behavior Assessments: A Pilot Project** (TBA; Service Delivery) LACY KNUTSON (Center for Disabilities; Sanford School of Medicine; University of South Dakota), Pamela G. Osnes (private practice), and Cora Lee Alley, Jennifer Negrette, Connie Tucker, Ronda Feterl, and Jill Hibbard (Black Hills Special Services Cooperative)

**61. Incorporating Single-Case Research Design Into a School-Based Response to Intervention System: Literacy Intervention Effects Across Diverse Learners With Varying English Language Proficiency Levels** (EAB; Applied Research) JOCELYN KUHN (University of Wisconsin-Madison; Kennedy Krieger Institute)

**62. Programmed Instruction: Effects of Frequency of Feedback on Performance in Online Courses** (EAB; Basic Research) REBECA MATEOS MORFIN and Carlos Javier Flores Aguirre (Universidad de Guadalajara, Instituto de Gestión del Conocimiento y del Aprendizaje en Ambientes Virtuales)

#### #59 Poster Session

12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

CSS

Chair: Angela Sanguinetti (University of California, Davis)

*Discussant: Bernard Guerin (University of South Australia)*

**63. An Analysis of a Collaborative Community Truancy Prevention and Diversion Program** (Applied Research) KELSEY DACHMAN and Austin O'Neal (The University of Kansas), Kate Holman and Pam Weigand (Douglas County Youth Services), and James A. Sherman and Jan B. Sheldon (The University of Kansas)

**64. The Application of ABA Principles to a Juvenile Drug Court System Using a Four Prong Approach** (Service Delivery) ALEXIS BRIANA PENDARVIS, Erika Stevens Olinger, and Mary Ann Hubbard (University of Central Oklahoma)

**65. Behavior Analysis and Tactical Urbanism in a Not-So Urban Area: Analysis of a Pop-Up Complete Street** (Applied Research) JACK BITTERMAN, Karen Kate Kellum, and Yash Bhamhani (University of Mississippi)

**66. Development and Evaluation of Litter Reduction Data Collection System** (Applied Research) KRISTEN BLACK, Karen Kate Kellum, Emmie Hebert, Jasmine Myers, and Kelly G. Wilson (University of Mississippi)

**67. Using Prompts to Change Driver Behavior in a University Parking Lot** (OBM; Service Delivery) Heather Becker, Jenna J. Rakestraw, Ashlee Ellingsworth, Britnea Monaco, and MICHAEL C. CLAYTON (Missouri State University)

**68. Evaluating Increased Effort for Item Disposal to Improve Recycling at a University** (Applied Research) LISA RETTIG, Jennifer N. Fritz, and Danielle Dupuis (University of Houston-Clear Lake); Wai-Ling Wu (University of Houston-Clear Lake; Trumpet Behavioral Health); and Ashley Neal and Renée Lastrapes (University of Houston-Clear Lake)

**69. Social Consequences of Verbal Safety Rules for Children: Looking Beyond the Immediate Situation** (Applied Research) BERNARD GUERIN (University of South Australia) and Marcela de Oliveira Ortolan (Universidade Estadual de Londrina)

**70. The BFSR Matrix Project: Activating Behavior Analysis Education and Students for Social Action** (TBA; 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), Mollie Luke (Behavior Analyst Certification Board; Behaviorists for Social Responsibility), Holly Seniuk (University of Nevada, Reno; Behaviorists for Social Responsibility), Angela Sanguinetti (University of California, Davis; Behaviorists for Social Responsibility), Jomella Watson-Thompson (The University of Kansas; Behaviorists for Social Responsibility), Kathryn M. Roose

(University of Nevada, Reno), and Molly Benson (Massachusetts Association for Behavior Analysis; Behaviorists for Social Responsibility)

**70a. Evaluating the Effects of High-Probability/Low-Probability Sequences on a Measure of Interrogative Suggestibility** (Basic Research) GRECIA MENDOZA and Marianne L. Jackson (California State University, Fresno)

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#### #60 Poster Session

12:00 pm–3:00 pm  
Convention Center, Exhibit Hall D

OBM

Chair: Lauren Lesa Lanier (CARE, LLC; Endicott College)

*Discussant: Ansley Catherine Hodges (Florida Institute of Technology)*

**71. Meta-Analysis and Review: Identifying the Most Effective and Frequently Used Procedures to Improve Treatment Integrity in Applied Settings** (Applied Research) JULIEANNE GUADALUPE (Queens College and The Graduate Center, City University of New York), Kristen A. Rost (Troy University), and Alicia M. Alvero (Queens College, City University of New York)

**72. Training Staff to Receive Feedback: A Preliminary Investigation** (Applied Research) RACHEL EHRLICH and Melissa R. Nosik (Behavior Analyst Certification Board), Byron J. Wine (The Faison Center), and James E. Carr (Behavior Analyst Certification Board)

**73. Evaluating the Effectiveness of and Preference for Peer Versus Supervisor Feedback** (PRA; Service Delivery) ODESSA LUNA, Sacha T. Pence, John Falligant, and Sarah Brooke Haygood (Auburn University)

**74. Training Practitioners to Implement Trial-Based Functional Analyses: Effects of Feedback Specificity** (PRA; Applied Research) NADRATU NUHU, John Falligant, Sacha T. Pence, Odessa Luna, and Sarah Brooke Haygood (Auburn University)

**75. Evaluation of a Performance Feedback System for Increasing Therapist Productivity** (AUT; Applied Research) HOLLY WIGGINS (The New England Center for Children; Western New England University) and Christina Livingston (The New England Center for Children)

**76. Using Performance Feedback to Decrease Staff Data Entry Latency** (PRA; Applied Research) Donald Jellison (Behavior Analysis Certification Board) and JOSEPH BAIRD (Partnership for Behavior Change)

**77. A Staff Monitoring System to Maximize Therapeutic Time in Line Technician Staff** (Service Delivery) JOSEPH HACKER (McNeese State University) and Alfred Royal Tuminello Jr. Jr. (The Emerge Center)

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#### #61 Poster Session

12:00 pm–3:00 pm  
Convention Center, Exhibit Hall D

CBM

Chair: Andrea Zawoyski (University of Georgia; University of Nebraska Medical Center's Munroe-Meyer Institute)

*Discussant: Gretchen Dittrich (Simmons College)*

**78. An Examination of Food Preferences Before and After Treatment for a Pediatric Feeding Disorder** (Applied Research) JASON R. ZELENY, Cathleen C. Piazza, Vivian F. Ibanez, Jaime Crowley, and Caitlin A. Kirkwood (University of Nebraska Medical Center's Munroe-Meyer Institute) and Valerie M. Volkert (Marcus Autism Center; Emory School of Medicine)

**79. Using a Behavioral Treatment Package to Reduce Tongue Thrust in a Child With Gastrostomy Tube Dependence** (Applied Research) STEPHANIE MILLER and Meeta R. Patel (Clinic 4 Kidz)

**80. Examining Effects of Application-Based Token Delivery on Skill Acquisition of Young Children** (Applied Research) JORDAN DAVID LILL (University of Nebraska Medical Center's Munroe-Meyer Institute) and Ray Burke and Corey Miles Cohrs (Apex Regional Program)

**81. An Empirical Model to Determine the Bolus Size for Children With Inappropriate Mealtime Behavior** (PRA; Service Delivery) AARON D. LESSER (Kennedy Krieger Institute; Johns Hopkins School of Medicine) and Carrie S. W. Borrero and Amy Kate Rosenblum (Kennedy Krieger Institute)

**82. Effects of Within-Meal Variety on Food Consumption by Preschoolers** (Applied Research) JONATHAN R. MILLER and Richard Boles (University of Colorado School of Medicine; Children's Hospital Colorado)

**83. Prevalence of Extinction Bursts During Treatment of Inappropriate Mealtime Behavior** (DDA; Applied Research) CHRISTOPHER W ENGLER, Suzanne M. Milnes, Vivian F. Ibanez, Kate M. Peterson, and Cathleen C. Piazza (University of Nebraska Medical Center's Munroe-Meyer Institute)

**84. A Retrospective Review of Transitioning from Nuk Brush to Spoon for Children With Feeding**

**Disorders** (Applied Research) JAIME CROWLEY, Suzanne M. Milnes, Jennifer M. Kozisek, and Cathleen C. Piazza (University of Nebraska Medical Center's Munroe-Meyer Institute)

**85. Comparison of Center and Posterior Tongue Bolus Placements in the Treatment of Packing** (Applied Research) ALLISON BATTAGLIA, Suzanne M. Milnes, Vivian F. Ibanez, Cathleen C. Piazza, and Jennifer M. Kozisek (University of Nebraska Medical Center's Munroe-Meyer Institute)

**86. Comparison of Bite Presentation Methods to Decrease Expels in One Child With Food Refusal: A Replication** (Applied Research) HEATHER FARLING (Marcus Autism Center), Valerie M. Volkert (Marcus Autism Center; Emory School of Medicine), and Tanisha Doyle (Marcus Autism Center)

**87. Demand Fading With and Without Escape Extinction in the Treatment of Pediatric Feeding Disorders** (DEV; Applied Research) JESSICA WOOLSON, Melanie H. Bachmeyer, Jessica Ashley Keane, Sydney Ball, Elizabeth Gonzalez, and Lyndsay Fairchild (University of North Carolina Wilmington)

**88. The Use of Self-Monitoring Techniques to Increase Physical Activity: A Review of the Literature** (GSS; Applied Research) ANDREW STEVEN MASSEY and Edward Justin Page (St. Cloud State University)

**89. Putting Value Into Research: Effects of a Brief Values Intervention on Random and Careless Survey Responses** (EDC; Applied Research) MAUREEN FLYNN, Mitchell K. Kusick, and Karley Kamille James (Metropolitan State University of Denver)

#### #62 Poster Session

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12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

DEV

Chair: Per Holth (Oslo and Akershus University College of Applied Sciences)

*Discussant: Kat Monlux (Stanford University)*

**90. Increasing Medical Adherence for Individuals With Autism** (Applied Research) HAILEE STUESSER and Eileen M. Roscoe (The New England Center for Children)

**91. Importance of Replication and Experimental Analysis in Behavioral Science: Examination of Factors Affecting Infants' Choices** (Applied Research) AMIR CRUZ-KHALILI, Vinthia Wiryananda Wirantana, Molly Hankla, and Carolyn S. Kohn (University of the Pacific)

**92. Increasing Caloric Intake and Decreasing Tube Dependence in Children With Pediatric Feeding Disorders** (Applied Research) KERRI CALTABIANO, Ashlee Marie Matrigali Jackson, Elizabeth Kunz, and Meeta R. Patel (Clinic 4 Kidz)

**93. Effects of Writing and Peer Editing With a Script on the Acquisition of Read-Do Correspondence** (Service Delivery) Brittany Dianne Bly, MELISSA BENINSIG, and Emily Anne Jestus (Teachers College Columbia University)

**94. An Investigation of Activities That Promote Spontaneous Engagement in Pro-Social Behaviors** (Applied Research) HAILEY RIPPLE, Jonathan Tritley, Shengtian Wu, Mackenzie D. Sidwell, and Daniel L. Gadke (Mississippi State University)

**95. Increasing Consumption of Regular Textured Food Through Oral Motor Skill Development** (Applied Research) KERRI CALTABIANO, Chelsea Paula, Elizabeth Kunz, and Meeta R. Patel (Clinic 4 Kidz)

**96. Re-Establishing Oral Consumption in a Pre-Adolescent With a Recent Onset of a Feeding Disorder** (Applied Research) ELIZABETH A. MASLER and Alison Kozlowski (Kennedy Krieger Institute)

**97. Does Social Referencing Have An Overall Impact on Child Compliance?** (Applied Research) MELONIE MENDEZ and Martha Pelaez (Florida International University)

#### #63 Poster Session

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12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

PRA

Chair: John M. Guercio (Benchmark Human Services)

*Discussant: Casey J. Clay (University of Missouri)*

**98. An Analysis of the Ethical Infractions Resolved by the BACB** (Service Delivery) Jonathan K. Fernand, HYPATIA A BOLIVAR, and David J. Cox (University of Florida); Sarah Mathison (Florida Autism Center); and Timothy R. Vollmer (University of Florida)

**99. Using Multiple Exemplars and Video Modeling to Support Stimulus Generalization of Play Skills** (AUT; Applied Research) REGINA M. SYMONS and Kara Reagon (Beacon ABA Services of Connecticut) and Robert K. Ross (Beacon ABA Services)



**100. FCT for Positive Reinforcement Versus Negative Reinforcement in a Young Child With Autism** (AUT; Applied Research) SARAH JACQUELINE FRANTZ, Kristy DePalma, Lexy Rozmus, Jiaju Wu, Jessica Emily Graber, and Matthew O'Brien (The University of Iowa)

**101. Use of Novel Reinforcement for the Treatment of Pica** (AUT; Applied Research) ALEXA KALMBACH (Kennedy Krieger Institute), Cara L. Phillips (Kennedy Krieger Institute; Johns Hopkins University School of Medicine), and Kathleen McCarthy and Allen Porter (Kennedy Krieger Institute)

**102. A Comparison of Results From Three Instruments to Develop Hypothesis Regarding Function of Problematic Behaviors** (DDA; Applied Research) LAURA DUNHAM, Paulo Guilhardi, Jennifer Smith, Sue A. Rapoza-Houle Rapoza, and Robert K. Ross (Beacon ABA Services)

**103. Preliminary Analysis of a Survey Evaluating Applied Behavior Analysts' Knowledge and Use of Evidence-Based Practices** (Applied Research) JAMES J. FOX (East Tennessee State University), Mary Annette Little (Lipscomb University), and Seth King (Tennessee Technological University)

*Discussant: Rex Jakobovits (University of Washington; Experid Solutions)*

**104. The Effects of Electronic Data Collection, Immediate Graphic Feedback, and Automated Scheduled Prompts on Data Collection Adherence** (AUT; Applied Research) CODY MORRIS and Stephanie M. Peterson (Western Michigan University)

**105. A Descriptive Assessment of Behavior in an Assisted Living Facility** (DEV; Applied Research) SARA POSEY, Jennifer Lynne Bruzek, Makenzie Williams Bayles, and Megan Ford (Jacksonville State University)

**106. Analysis of Response Class Hierarchies in Pediatric Food Refusal** (AUT; Applied Research) MEARA MCMAHON (Kennedy Krieger Institute; University of Maryland, Baltimore County) and Carrie S. W. Borrero (Kennedy Krieger Institute)

**107. Teaching Appropriate Play Routines Through Video Modeling as a Non-Aversive Method for the Treatment of Stereotypy** (AUT; Applied Research) JOSEPH ROBITAILLE, Paulo Guilhardi, Jennifer Smith, and Robert K. Ross (Beacon ABA Services)

**108. Using a Visual Structured Criterion for the Analysis of Multielement Designs in Practical Settings** (PCH; Theory) MARC J. LANOVAZ and Mary Francis (Université de Montréal) and Patrick Cardinal (Ecole de Technologie Supérieure)

**109. Behavior Analysis in Sport Psychology as It Applies to Swimming Practices** (Theory) MICHELLE FORMAN, Vittawat Sriphong-Ngarm, Melia Shamblyn, Neal Falletta-Cowden, and W. Larry Williams (University of Nevada, Reno)

#### #64 Poster Session

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12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

VRB

Chair: Judah B. Axe (Simmons College)

*Discussant: Tina Sidener (Caldwell University)*

**110. The Effects of Question-Present Versus Item-Present Conditions on Acquisition of Mands** (AUT; Applied Research) SADIE L. LOVETT (Central Washington University), Paige Thornton (Western Psychological and Counseling Services), and Richard Trent Marsicano (Central Washington University)

**111. Evaluating the Effects of Multiple Mands Within Functional Communication Training on the Resurgence of Problem Behaviors** (Applied Research) EMILY NESS (Kennedy Krieger Institute; The University of Southern Mississippi) and Keith Radley III, Brad Dufrene, Daniel H. Tingstrom, Evan Dart, Katie Bishop, and Madeline Potter (The University of Southern Mississippi)

**112. A Frequency Count of Disguised Mands in Preschool Children: Effects of Socioeconomic Status** (AUT; Applied Research) ARIEL YORK (Simmons College; Allegheny College) and Rodney D. Clark (Allegheny College)

**113. The Effects of Observational Learning on Acquisition of Mands for Information Using “Who” and “Which”** (Applied Research) WHITNEY TRAPP, Videsha Marya, Devorah Story, and Bethany Hansen (Marcus Autism Center) and M. Alice Shillingsburg (Marcus Autism Center; Emory University School of Medicine)

**114. Clinical Application of a Rapid Motor Imitation Sequence to Evoke Echoic Responding in a Child With Autism Spectrum Disorder** (Applied Research) ASHLEY STEVENS and Bethany Hansen (Marcus Autism Center) and M. Alice Shillingsburg (Marcus Autism Center; Emory University School of Medicine)

**115. Advancing the Verbal Repertoire of an Adolescent With ASD** (AUT; Applied Research) SARA ANN FRALEY CARDONA and Kendra McDonald (The Aurora School; Open Door Learning Center)

*Discussant: Traci M. Cihon (University of North Texas)*

**116. Teaching Pronouns to Individuals With Autism** (AUT; Applied Research) Barry D. Morgenstern (Institute of Professional Practice) and KAITLIN GRACE CAUSIN and Jaimie Weinlein (Attentive Behavior Care, Inc.)

**117. Evaluation of a Blocked-Trials Procedure to Teach Multiply Controlled Intraverbals to Children With Autism Spectrum Disorder** (AUT; Applied Research) ASHLEY SILBERMAN, April N. Kisamore, and Jason C. Vladescu (Caldwell University); Laura L. Grow (California State University, Fresno); and Catherine Taylor-Santa and Lauren Goodwyn (Caldwell University)

**118. Increasing Verbal Responses Utilizing Interrupted Chain Schedules of Reinforcement in an Adolescent With Autism** (AUT; Applied Research) ASHLEY MURPHY, Meleah Ackley, William Ford, James Moore, Evan Dart, Kate Helbig, and Parker Lundy (The University of Southern Mississippi)

**119. Conversations Between a Young Child With Autism and His Parents: Similarities and Differences Between Mother and Father** (AUT; Applied Research) ALEX NIETO, Ainsley B. Lewon, and Taylor Seidler (University of Nevada, Reno); Staheli Meyer (University of Nevada, Reno; Fit Learning); and Vanessa Willmoth and Patrick M. Ghezzi (University of Nevada, Reno)

**120. Teaching Conversational Interactions to a Young Child With Autism** (AUT; Applied Research) VANESSA WILLMOTH, Ainsley B. Lewon, Emily Taylor, and Patrick M. Ghezzi (University of Nevada, Reno)

**121. Assessing the Use of Behavior Momentum as a Secondary Hypothesis in Rapid Motor Imitation Antecedent Training for Increasing Echoic Behavior** (AUT; Service Delivery) ADDAM J WAWRZONEK (Michigan State University)

#### #65 Poster Session

12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

DDA

Chair: Eric Boelter (Seattle Children's Autism Center)

*Discussant: April N. Kisamore (Caldwell University)*

**122. An Evaluation of Automatically Maintained Self-Injury Mediated by Level of Arousal** (Applied Research) STEPHEN E. RYAN, John M. Huete, and George Papuchis (Kennedy Krieger Institute)

**123. Assessment and Treatment of Inappropriate Behaviors Related to Fecal Matter With Two Adults With Autism Spectrum Disorders** (Applied Research) Noor Javed (Kennedy Krieger Institute; University of Maryland, Baltimore County), Samantha Hardesty (Kennedy Krieger Institute), Joshua Jessel (Child Study Center), Ainsley Thompson (Continuum Autism Spectrum Alliance), MWUESE NGUR and Kaitlin Hendrickx (Kennedy Krieger Institute), and Lynn G. Bowman (Kennedy Krieger Institute; Johns Hopkins University School of Medicine)

**124. Saving the Best for Last: Effects of and Preference for Improving Sequences of Outcomes** (Applied Research) AMY KATE ROSENBLUM (University of Maryland, Baltimore County; Kennedy Krieger Institute) and John C. Borrero (University of Maryland, Baltimore County)

**125. Effects of Teaching Turn-Taking Games on Social Behaviors of Children With and Without Disabilities** (Applied Research) ASHLEY MATTER (Texas Tech University), Katie Wiskow (California State University, Stanislaus), and Jeanne M. Donaldson (Louisiana State University)

**126. Preliminary Evaluation of an Indirect Assessment of Sensitivity to Aversive Stimuli** (Applied Research) MARIAH HOPE, Richard G. Smith, and Christina DeLapp (University of North Texas)

**127. Effects of Differential Consequences on Preference Assessment Outcomes** (AUT; Applied Research) TABITHA COLLINS and Richard B. Graff (The New England Center for Children)

**128. The Effects of Functional Communication Training and a Contingent Reward System on Aberrant Behavior** (AUT; Applied Research) CHELSEA RILEY, Mary Rose, Anjali Barretto, and Kimberly P. Weber (Gonzaga University)

**129. Evaluating a Procedure for Vocal Functional Communication Training** (AUT; Applied Research) JOSHUA FIRESTONE (The Shafer Center) and Patricia F. Kurtz and Diana Socie (Kennedy Krieger Institute)

*Discussant: Sharon A. Reeve (Caldwell University)*

**130. The Effects of Motor Group Training on Physical Activity and Prosocial Behaviors in Three Students With Developmental Disorder** (AUT; Applied Research) ADELE CARPITELLI (Università degli studi di Modena e Reggio Emilia; Centro di Ricerca ed Apprendimento Allenamento; Centro di Ricerca ed Apprendimento TICE), and Valentina Petrini (Centro di Ricerca ed Apprendimento Allenamento)

**131. Analysis and Treatment of Self-Injurious Behavior Occurring Within an Academic Context** (AUT; Applied Research) Anthony Concepcion, PAIGE TALHELM, Catalina Rey, and Jennifer R. Zarcone (Kennedy Krieger Institute)

Saturday, May 27

**132. An Evaluation of Differential Reinforcement and IRT Fading to Increase Compliance With Vocational Demands** (AUT; Applied Research) ALEXANDER AREVALO and Kaitlin Hendrickx (Kennedy Krieger Institute) and Clare Liddon and Jennifer R. Zarcone (Kennedy Krieger Institute; Johns Hopkins University School of Medicine)

**133. A Non-Medication Based Treatment Proposal for Individuals Diagnosed With a Tic Disorder** (CBM; Service Delivery) DYLAN PALMER (Judge Rotenberg Center)

**134. Improving Healthy Eating in College-Aged Students with Disabilities Using a Token-Economy System** (DEV; Applied Research) AMANDA COSGRIFF (Mississippi State University), Daniel L. Gadke (Mississippi State University)

**135. Establishing and Testing Conditioned Reinforcers: Evaluating the Effects of the Discriminative Stimulus Procedure Using Intermittency With Individuals With Developmental Disabilities** (EAB; Basic Research) YANNICK ANDREW SCHENK (Kennedy Krieger Institute; Johns Hopkins University School of Medicine) and Stephanie M. Peterson (Western Michigan University)

**136. Differential Reinforcement of Alternative Behavior, Differential Reinforcement of Lower Rates of Behavior, and Self-Monitoring of Adult Student Behavior** (EDC; Applied Research) MEGHAN ANGLIM, Mary Annette Little, and Jonathan D. Timm (Lipscomb University)

*Discussant: Hugo Curiel (Western Michigan University)*

**137. Evaluation of Differential Reinforcement Procedures to Reduce Problem Behavior and Increase Access to Vocational Programming for High School Students With Developmental Disabilities** (EDC; Applied Research) LOUIS LEIBOWITZ, Brittany Frey, and Lauren Lestremay (Ivymount School & Programs)

**138. Using Contingent Reinforcement to Increase Purposeful Vocalizations Plus Eye Contact in Infants With Down Syndrome** (VRB; Applied Research) SAMUEL DIGANGI (Arizona State University)

**139. Evaluation of the Multiple-Stimulus Without Replacement Preference Assessment With Individuals With Disabilities** (Applied Research) Patricia Shoemaker, Jennifer N. Fritz, and AMANDA EDWARDS (University of Houston-Clear Lake)

**140. A Comparison of Exclusion Time-Out Procedures With and Without Release Contingencies for Adults With Developmental Disabilities** (Applied Research) CANDACE BARRETT and Molly Dowdy (Quest, Inc.)

**141. Measuring and Enhancing the Quality of Life of Individuals With Disabilities Through Multi-Tiered Systems of Support** (PRA; Applied Research) SHANNON BARRY, Erin McDermott, and Robert F. Putnam (The May Institute)

**142. A Comparison of Sample-First and Comparison-First Procedures During Receptive Label Training** (PRA; Applied Research) TIFFANY BARRY and Joseph M. Vedora (Evergreen Center)

**143. A Parametric Analysis of Attention Quality Based Upon Functional Analysis Results** (PRA; Applied Research) SARAH JACQUELINE FRANTZ, Jiaju Wu, Kristy DePalma, Lexy Rozmus, Jessica Emily Graber, and Matthew O'Brien (The University of Iowa)

**144. PBIS Tier 3 Development and Implementation in Adult Services** (TBA; Service Delivery) JUSTIN KELLY, Undrea Cato-Steele, Melissa Russell Strout, and Michelle Graham (The May Institute)

## #66 Poster Session

12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

AUT

Chair: Nicole Heal (Margaret Murphy Center for Children)

*Discussant: Michael F. Dorsey (Endicott College)*

**145. Combining Precision Teaching and Autism Developmental Task Sequence** (Theory) DRISTI ADHIKARI (Dare Association) and Michael Lamport Commons (Harvard Medical School)

**146. Rules in Treatment of Automatically Maintained Elopement With a Child With Autism** (Applied Research) KAITLIN CURTIS, Kara Forck, Ginny Keenan, and Megan A. Boyle (Missouri State University)

**147. Generalization Following a Virtual Training Program for Applied Behavior Analysis Technicians** (Applied Research) JULIENNE HEIMERL-LEE (Southcentral Foundation; University of Alaska Anchorage) and Mychal Machado, Felicia Glaser, Ashleigh Nero, and Grant Ensign (University of Alaska Anchorage)

**148. Using Discrete Trial Teaching and Multiple Examples to Teach a Children With Autism to Pretend One Object as the Others** (Applied Research) PO-LUNG CHENG and Hua Feng (National Changhua University of Education) and Gabrielle T. Lee (Michigan State University)

**149. Using Arbitrary Reinforcers to Treat Off-Topic Speech of an Individual With Autism** (Applied Research) KORTNEY KATHERINE CLASSEN (Briar Cliff University; Pier Center for Autism) and Corey S. Stocco (University of the Pacific)

**150. Evaluating the Impact of Service Setting on Early Intensive Behavioural Intervention Outcomes for Children With Autism Spectrum Disorder** (Service Delivery) KARLI PEDREIRA (University of Manitoba; St.Amant Research Centre) and Toby L. Martin (St.Amant Research Centre)

**151. Function of Challenging Behaviors in Individuals With Autism Spectrum Disorder** (Applied Research) ESTHER HONG (Center for Autism and Related Disorders), Elizabeth Stevens and Erik Linstead (Chapman University), and Dennis Dixon (Center for Autism and Related Disorders)

**152. Use of Restricted and Repetitive Behaviors and Interests in Behavioral Interventions** (Applied Research) TORI FOSTER (Vanderbilt University Medical Center, Treatment and Research Institute for Autism Spectrum Disorders), Jeffrey F. Hine (Vanderbilt University Medical Center, Department of Pediatrics), Ashley Dubin (Vanderbilt University Medical Center, Treatment and Research Institute for Autism Spectrum Disorders), Douglas Roberts (Georgia State University), and Miyah Sundermeyer and Brian Barger (Georgia State University, School of Public Health, Center for Leadership in Disability)

**153. Increasing Consumption of Nonpreferred Foods and Liquids Using Simultaneous Presentation and Stimulus Fading in a Private School Setting** (Service Delivery) EMILY MAHON, Danielle L. Gureghian, Lauren Sinning, and MacKenzie Emmons (Garden Academy)

**154. Increasing the Frequency and Duration of Eye Contact With a Child With Autism Spectrum Disorder** (Applied Research) DAYNA COSTELLO, Samantha Bergmann, and Tiffany Kodak (University of Wisconsin–Milwaukee)

**155. A Comparison of Simultaneous and Delayed Conditioning Procedures** (Applied Research) STEPHANIE WATHEN (The Scott Center for Autism Treatment; The Florida Institute of Technology), Alison M. Betz (Coastal Behavior Analysis), Jeanine R Tanz (The Scott Center for Autism Treatment at Florida Institute of Technology), and Christopher A. Podlesnik, Karli Silverman, and Madeleine Diane Keevy (Florida Institute of Technology)

*Discussant: Thomas L. Zane (The University of Kansas)*

**156. An Evaluation of Prompting Strategies on Variability During the Acquisition of Intra-verbal Categorization** (Applied Research) MARIA MALACHOWSKI, Kathryn Glodowski, Victoria Smith, and Ciobha Anne McKeown (University of Nebraska Medical Center) and Nicole M. Rodriguez (University of Nebraska Medical Center's Munroe-Meyer Institute)

**157. The Effects of Within-Stimulus Proximity Prompts on the Acquisition of Conditional Discriminations by Two Young Children With Autism** (Service Delivery) KRISTEN GREEN, Daylee E. Brock, Teal McAllister, Emily Taylor, and Patrick M. Ghezzi (University of Nevada, Reno)

**158. Increasing Variety of Foods Consumed by Children With Autism and Severe Food Selectivity** (Applied Research) VICTORIA PHAM, Kerri Caltabiano, and Meeta R. Patel (Clinic 4 Kidz)

**159. A Quantitative Evaluation of Caregiver Training** (Applied Research) FARIS RASHAD KRONFLI, Timothy R. Vollmer, and Samantha Schultz (University of Florida)

**160. Evaluating the Effectiveness of Desensitization and Differential Reinforcement in the Treatment of Dog Phobia in an Individual With Autism** (Applied Research) KRISTIN LEFVRE and Elizabeth Dayton (Melmark) and Lauren M. Palmieri (Temple University)

**161. Teaching Individuals With Autism Listener Skills: A Comparison of Two Different Conditional Discrimination Training Procedures** (Applied Research) BRITTANY MARIE DISANTI, Svein Eikeseth, and Sigmund Eldevik (Oslo and Akershus University College of Applied Sciences) and Jenna Conrad and Kortnie Cotter (The Achievement Center)

**162. Modifications to Video Model Intervention Improves Acquisition of Social Skills in an Adult with Autism Spectrum Disorder** (Applied Research) JESSICA DAY-WATKINS (Drexel University), Ashley Pallathra (University of Pennsylvania), James E. Connell (Drexel University), and Edward Brodtkin (University of Pennsylvania)

**163. Using Video Modeling to Teach Sociodramatic Play With Children With Autism Spectrum Disorder** (Applied Research) ANDREA CLEMENTS (University of Nebraska Medical Center's Munroe-Meyer Institute), Claire Turbes (University of Nebraska Omaha; University of Nebraska Medical Center), Kendall Lanning, Sydney Readman, and Wayne W. Fisher (University of Nebraska Medical Center's Munroe-Meyer Institute)

**164. Embedding Functional Analysis Into the Naturally Occurring School Schedule** (Applied Research) ANNA BUTLER, Rachel Cagliani, Joel Eric Ringdahl, and Kevin Ayres (University of Georgia)

**165. A Comparison of Phoneme Arrangements During Receptive Labeling Tasks** (Applied Research) RICHELLE ELIZABETH HURTADO and Karen A. Toussaint (University of North Texas)

**166. Addressing Stimulus Overselectivity During Tact Training With a Child With Autism Spectrum Disorder** (Applied Research) BRITTANY BENITEZ, Tiffany Kodak, Samantha Bergmann, Gabriella Van Den Elzen, Mary Halbur, and Sophie Knutson (University of Wisconsin–Milwaukee)

*Discussant: Jason C. Vladescu (Caldwell University)*

**167. The Use of a Stimulus Fading Procedure to Teach Mand Discrimination Across Contexts** (Service Delivery) ANDREW SODAWASSER, Amanda Zangrillo, and Christina Simmons (University of Nebraska Medical Center's Munroe-Meyer Institute) and Todd M. Owen (University of Nebraska Medical Center)

**168. Assessment and Treatment of Non-Functional Chained Vocal Behavior: A Side Effect of Supplemental Vocal Prompts** (Service Delivery) KRISTIN MILLER, Whitney Westfall, and Maggie Moore (Little Star Center)

**169. An Evaluation of Shaping Procedures to Treat Routine Problem Behavior** (Applied Research) CATI RAE MILLER, Christina Simmons, Carrie E Hooser, Wayne W. Fisher, and Amanda Zangrillo (University of Nebraska Medical Center's Munroe-Meyer Institute)

**170. A Comparison of Trial Arrangement Procedures in Children With Autism** (Applied Research) KRISTIN M. ALBERT, Katie Nicholson, Sandhya Rajagopal, Tamara L. Pawich, and Amelia Dressel (The Scott Center for Autism Treatment at Florida Institute of Technology)

**171. An Analysis of Toilet-Training Procedures Recommended for Children With Autism Spectrum Disorder** (Applied Research) YUHUI WANG (Florida Autism Center) and Brandon C. Perez, Kerri P. Peters, and Timothy R. Vollmer (University of Florida)

**172. Teaching Quantity Discrimination to a Child With Autism** (Applied Research) ALEXANDER CLARKE, Molly Butts, and Kasee Stratton-Gadke (Mississippi State University)

**173. Functional Analysis of Refusal to Drink From an Open Cup** (Applied Research) LAURA SENN, Andrew Morgan, Ronald Clark, Lauren Dill, Alex Forton, and Samuel Shvarts (Florida Institute of Technology) and Michael E. Kelley (The Scott Center for Autism Treatment, Florida Institute of Technology)

**174. Effects of High-Probability Request Sequence Topographies on Mealtime Compliance for a Child With Food Refusal** (Applied Research) KASEY WESTON, Brian Davis, and Seth W. Whiting (Central Michigan University)

**175. The Effects of a Flowchart on the Procedural Integrity of a Behavioral Intervention for Educational Staff** (Applied Research) LINDSAY MORIN (Michigan State University)

**176. Negative Reinforcer Value Manipulations for Treating Escape-Maintained Problem Behavior** (Applied Research) DANIEL FREDERICKS (The New England Center for Children; Western New England University), Eileen M. Roscoe (The New England Center for Children), and Jacqueline Marra (The New England Center for Children; Western New England University)

**177. Social Validity of a Multimodal Treatment for Obsessive Compulsive-Like Behaviors in Autism Spectrum Disorder** (Service Delivery) EMILY GUERTIN and Nancy Leathen (Brock University), Heather Yates (University of Manitoba), Maurice Feldman (Centre for Applied Disability Studies, Brock University), and Tricia Corinne Vause (Brock University)

*Discussant: Kristina Gerencser (Marcus Autism Center)*

**178. A Matched Stimulation Intervention to Reduce Diurnal Bruxism** (Applied Research) HANNAH EVERTSEN (The Sage Colleges; Family Support Center) and Shasta Brenske

**179. Comparing the Effects of Traditional and Embedded DTT on Responding for a Child With Autism Spectrum Disorder** (Applied Research) GABRIELLA ULLOA, Shaji Haq, Amy Williams, Jessica O'Donnell, and Naomi Melendez (Trumpet Behavioral Health)

**180. Teaching Wh-Concepts to a Child With Autism Using Equivalence-Based Instruction** (Applied Research) JAMIE FITZGERALD, Jaime DeQuinzio, Stephanie Ventura, and Bridget A. Taylor (Alpine Learning Group)

**181. Duration of Treatment and Recurrence of Food Refusal** (Applied Research) DENISE PICHARDO and Carrie S. W. Borrero (Kennedy Krieger Institute) and John C. Borrero (University of Maryland, Baltimore County)

**182. A Simple Intervention for Stereotypical Engagement With a Communicative Device** (VRB; Applied Research) JENNIFER LYNN COOK (Monarch House), John T. Rapp (Auburn University) and Carla Burji, Catherine McHugh, and Raluca Nuta (Monarch House)

**183. Examining Early Learning Rate as a Predictor of Outcome in an Early Intensive Behavioural Intervention Program** (Applied Research) MARIA PONGOSKI (Manitoba Association for Behaviour Analysis; University of Manitoba), Genevieve N. Roy-Wsiaki (Université de Saint Boniface), and C. T. Yu and Morena Miljkovic (University of Manitoba)

**184. The Effectiveness of Using Transfer of Stimulus Control in Teaching Intraverbal Behaviors, Leading to Novel or Untrained Intraverbal Responses** (Applied Research) AFIFA SALIM MAGRAM and ANA BIBAY (IME Maia, France)

**185. The Effects of Continuous and Intermittent Schedules of Reinforcement on the Acquisition, Maintenance and Generalization of Responses Taught to a Young Child With Autism** (Service Delivery) TAYLOR SEIDLER, Ainsley B. Lewon, Staheli Meyer, Emily Taylor, Teal McAllister, Alex Nieto, and Patrick M. Ghezzi (University of Nevada, Reno)

**186. Using Behavior Skills Training to Teach Abduction-Prevention Skills to Children With Autism** (Applied Research) MEGAN ASHLEY LEVESQUE, Jessica Niemeier, and Nicole M. Rodriguez (University of Nebraska Medical Center's Munroe-Meyer Institute)

**187. Effectiveness of Listening Preview in an Individual With Autism** (Applied Research) JORDAN CUMMINS PARKER and Daniel L. Gadke (Mississippi State University)

**188. Effects of Video Modeling on Initiating Bids for Children With Autism** (Applied Research) CORALYS DEL MAR SANCHEZ and Adam Thornton Brewer (Florida Institute of Technology), Justine Henry (The Scott Center for Autism Treatment, Florida Institute of Technology), and Kristine Boozer (Nova Southeastern University)

*Discussant: Shahla Ala'i (University of North Texas)*

**189. Practice Makes Perfect: Appropriate Social Skills and Skill Generalization in a Mock Preschool Setting** (Applied Research) AMANDA COSGRIFF and Daniel L. Gadke (Mississippi State University)

**190. The Degree of Social Validity and Generality of Effects Obtained in Teaching Sportsmanship Skills to Children With Autism** (Applied Research) MAEGAN D. PISMAN, Kevin C. Luczynski, Melissa Bowen, and Ami J. Kaminski (University of Nebraska Medical Center's Munroe-Meyer Institute)

**191. A Fixed-Ratio Schedule to Increase the Acceptance of Non-Preferred Foods** (Service Delivery) DOMINIQUE MICHELLEE ROUGEAU and Megan Cross (McNeese State University)

**192. A Comparison of Fidelity of Two Parent-Implemented Vocabulary Interventions for Younger Learners With Autism Spectrum Disorder** (Applied Research) QUANNAH PARKER-MCGOWAN and Joe Reichle (University of Minnesota)

**193. Increasing Safety Skills and Independence When Using Public Transit in an Adolescent With Autism** (Service Delivery) Leigh Cooper, JENNIFER JAYE, and Rebecca Wells (NYC Autism Charter School)

**194. The Effect of Lag Schedules of Reinforcement on Social Skill Accuracy and Accurate Variability** (Service Delivery) WILLIAM FORD, Kate Helbig, Keith Radley III, James Moore, and Evan Dart (The University of Southern Mississippi)

**195. Treating Public Exposure via Antecedent Analysis** (Service Delivery) KIMBERLY DIGGS and Kevin J. Schlichenmeyer (The Autism Community Therapists, LLC)

**196. Use of a Multiple Schedule to Treat Problem Behavior Evoked by Transitions** (Service Delivery) WENDY STRANG, Amanda Zangrillo, and Todd M. Owen (University of Nebraska Medical Center's Munroe-Meyer Institute)

**197. The Displacement of Leisure Items by Edible Items in Stimulus Preference Assessments: A Replication** (Applied Research) SARAH MATHISON (Florida Autism Center) and Daniel Conine and Timothy R. Vollmer (University of Florida)

**198. A Response Cost, DRO, and Stimulus Discrimination to Reduce Stereotypy and Non-Compliance** (Service Delivery) DOMINIQUE MICHELLEE ROUGEAU and Megan Cross (McNeese State University)

**199. Increasing Behavioral Persistence in the Context of Treatment Integrity Failures** (Applied Research) AIMEE COURTEMANCHE (The New England Center for Children; Western New England) and Jessica L. Thomason-Sassi (The New England Center for Children)

*Discussant: Lauren K. Schnell (Caldwell University)*

**200. A Component Analysis of the Use of a Differential Reinforcement of Other Behavior and Short-Term Positive Punishment Procedure as a Method for Reducing Thumb Sucking in a Child With Autism** (Applied Research) MEGAN HINDS and Scott C. Cross (Lovaas Institute for Early Intervention)

**201. Evaluation of Praise as a Conditioned Reinforcer Using a Modified Acquisition Task** (PCH; Applied Research) KARLI SILVERMAN (Florida Institute of Technology), Corina Jimenez-Gomez (The Scott Center for Autism Treatment, Florida Institute of Technology), and Alex Forton and Christopher A. Podlesnik (Florida Institute of Technology)

**202. Nothing to See Here: Further Investigations of Citations of Foundational Empirical Literatures by Facilitated Communication and Rapid Prompting Advocates** (PCH; Theory) JAMES T. TODD, Ambreen Shahabuddin, and Lauren Acton (Eastern Michigan University)



- 203. Toilet Training a 15-Year-Old Student With Autism in a Public School: A Case Study** (OBM; Service Delivery) LAURA KENNEALLY (Advance Learning Center)
- 204. The Application of Equivalence-Based Instruction for Teaching Academic Skills to Adolescents With Autism** (EDC; Applied Research) LEAH VERKUYLEN, Caleb Stanley, Jordan Belisle, and Mark R. Dixon (Southern Illinois University)
- 205. A Parametric Analysis of the Percentile Schedule: Increasing Frequencies of Pre-Academic Behavior** (EDC; Applied Research) STAHELI MEYER, Ainsley B. Lewon, Vanessa Willmoth, Emily Taylor, and Patrick M. Ghezzi (University of Nevada, Reno)
- 206. Implementation of a Pre-school Life Skills Intervention in a Clinical Setting** (EDC; Applied Research) MACKENZIE D SIDWELL, Hailey Ripple, Amanda Cosgriff, Shengtian Wu, Jonathan Tritley, Adam Wesleoh, and Daniel L. Gadke (Mississippi State University)
- 207. To Be or Not To Be OCD: Conceptualizing and Treating Interfering Ritualistic Responses and Behavioral Rigidity as Restricted Access to Preferred Outcomes** (EDC; Applied Research) Philip L. Concors (ABC Consultants) and PATRICIA WILSON and Jessica Joynes (Sussex Consortium)
- 208. Peers, an Overlooked Resource for Supporting Children With Autism in Schools** (EDC; Theory) APRIL N. HAAS and Julie L. Thompson (Texas A&M University)
- 209. Embedding Non-Target Information Into Daily Instruction as Instructive Feedback: A Review of the Literature** (EDC; Service Delivery) SUSANNE ALBARRAN and Micheal Sandbank (The University of Texas at Austin Department of Special Education)
- Discussant: Kate Doyle (University of Cincinnati)*
- 210. The Effectiveness of Using Social Stories to Promote Behavior, Communication and Social Skills for Students With Autism Spectrum Disorders: A Literature Review** (EDC; Theory) AIMAN ALKLDI (The University of Iowa)
- 211. Developing District-Wide Programs for Students with Autism Spectrum Disorders Through the Arizona Statewide Autism Project: A Case Study** (EDC; Service Delivery) KARA ANNE MAGEE-ARICK (STAR Autism Support)
- 212. Clinical Application of Functional Analysis Methodology in an Integrated Day Program for Adults With Autism Spectrum Disorder** (EDC; Applied Research) CARLA T. SCHMIDT, Victoria Childers, Kristine Feliciano, Kate Linz, Gregory Stegbauer, Deidre Wise, and Christina Carnahan (University of Cincinnati)
- 213. Play Interventions Involving Neurotypical Peers and Children with Autism: A Review of Research Quality** (EDC; Applied Research) CATHARINE LORY and Mandy J. Rispoli (Purdue University)
- 214. Comparison of Tablet-Delivered and Instructor-Delivered Teaching on Receptive Identification in Children With Autism Spectrum Disorders** (EDC; Applied Research) MARIE-MICHÈLE DUFOUR, Sabine Saade Chebli, and Marc J. Lanovaz (Université de Montréal)
- 215. The Effectiveness of Digital Comic Strips to Increase Empathetic Responses in Children With Autism** (EDC; Applied Research) KHALIFAH SAMI ALDUGHAYSH, Linda G. Garrison-Kane, Michael Goeringer, and David Goodwin (Missouri State University)
- 216. Measurement of Treatment Integrity in the Application of Functional Communication Training Within a School-Based Setting** (EDC; Service Delivery) SONJA R. DE BOER, Aurora Alonzo, and Lauren Chapman (Woodbury Autism Education and Research)
- 217. Video Modelling and Classical Conditioning: Which Is More Efficient in Helping Children With a Diagnosis of Autism Spectrum Disorder Develop New Interests?** (EDC; Applied Research) SHERENE ALICIA POWELL-OKAFOR and Jennifer Sheridan (HOPE Autism Care Centre)
- 218. Social Validity Assessment of the Headsprout Early Reading for Individuals With Autism and Intellectual Disability** (EDC; Applied Research) ANITA YAKKUNDI (University College Dublin; Queen's University Belfast), Karola Dillenburger (Centre for Behaviour Analysis; Queen's University Belfast), and Lizbeth Goodman (SMARTlab; School of Engineering and Architecture, University College Dublin)
- 219. Exploring Barriers to Father Implementation of Behavioral Interventions for Nonverbal Children With Autism From Diverse Ethnic and Cultural Backgrounds** (EDC; Service Delivery) MICHAEL LAFASAKIS (Walden University; Downstate Medical Center-State)
- 220. A Comprehensive Review and Meta-Analysis of Safety Skills Instruction to Individuals With Autism Spectrum Disorders** (EDC; Applied Research) ELIF TEKIN-IFTAR (Anadolu University), Seray Olcay Gul Gul (Hacettepe University), and Nursinem Sirin, Hatice Bilmez, and Hatice Deniz Degirmenci (Anadolu University)

## #67 Symposium

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3:00 pm–3:50 pm

Hyatt Regency, Centennial Ballroom H

AAB

BACB CE Offered. CE Instructor: Erica N. Feuerbacher, Ph.D.

### **Applications of Behavior Analysis to Enhance Dog Training, Welfare, and Assessment**

Chair: Alexandra Protopopova (Texas Tech University)

#### **Construction Fear Treatment for Dogs in Shelters**

MORGAN KATZ (MSPCA at Nevin Farms) and Jesus Rosales-Ruiz (University of North Texas)

#### **One Large Reinforcer or Four Small Ones: Does Reinforcer Delivery Affect Its Efficacy for Domestic Dogs?**

ERICA N. FEUERBACHER and Chelsea Stone (Carroll College)

#### **The Methodology, Reliability, and Validity of Canine Sociability Tests**

KELSEA BROWN (Texas Tech University), Erica N. Feuerbacher (Carroll College), and Alexandra Protopopova (Texas Tech University)

## #68 Symposium

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3:00 pm–3:50 pm

Convention Center Mile High Ballroom 4E/F

AUT; Applied Research

BACB/QABA CE Offered. CE Instructor: Kimberly Gauthier, M.S.

### **Examining Response Interruption and Redirection Methods**

Chair: Haley Steinhauser (The New England Center for Children; Western New England University)

#### **An Evaluation of Varying Integrity of Implementation of Response Interruption and Redirection on Vocal Stereotypy**

KIMBERLY GAUTHIER and William H. Ahearn (The New England Center for Children; Western New England University)

#### **Response Competition and Response Interruption and Redirection as Treatment for Vocal Stereotypy**

Lesley A. Shawler (Endicott College), MARIA CARAM (Easter Seals, Oklahoma), and Caio F. Miguel (California State University, Sacramento)

#### **An Evaluation of Procedural Components of Response Interruption and Redirection**

HALEY STEINHAUSER (The New England Center for Children; Western New England University) and William H. Ahearn (The New England Center for Children)

## #69 Panel Discussion

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Ethics

3:00 pm–3:50 pm

Convention Center Four Seasons Ballroom 2/3

AUT; Theory

BACB CE Offered. CE Instructor: Jason Travers, Ph.D.

### **Facilitated Communication, Behavior Analysis, Science, Rationality, and Ethics: An Oxford Style Mock Debate**

Chair: Jason Travers (The University of Kansas)

JASON TRAVERS (The University of Kansas)

TRACIE L. LINDBLAD (Monarch House)

JAMES T. TODD (Eastern Michigan University)

## #70 Symposium

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3:00 pm–3:50 pm

Hyatt Regency, Mineral Hall A-C

CSS/PCH; Theory

### **Cultural Selection, Sustainability, and Interdisciplinary: Metacontingency as a Conceptual Tool**

Chair: Ingunn Sandaker (Oslo and Akershus University College of Applied Sciences)

#### **Cultural Selection and Behavior Analysis: An Opportunity to Syntheses of Behavioral Principles**

MARCELO FROTA LOBATO FROTA BENVENUTI (University of São Paulo)

#### **Selection of Cultures at Different Levels of Complexity: What is There for Behavior Analysts?**

KALLIU CARVALHO COUTO and Ingunn Sandaker (Oslo and Akershus University College of Applied Sciences)

#### **The Use of the Concepts “Sustainability” and “Sustainable Behavior” in Behavior-Analytic Literature**

FELIPE L. LUSTOSA LEITE (University of Fortaleza; Imagine Behavioral Technology) and Felicia Glaber Lucena (University of Fortaleza)

Saturday, May 27



## #71 SQAB Tutorial

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3:00 pm–3:50 pm

Hyatt Regency, Centennial Ballroom D

EAB; Basic Research

PSY/BACB CE Offered. CE Instructor: Derek D. Reed, Ph.D.

### Applying Operant Demand Analyses to Issues of Societal Importance

Chair: Matthew W. Johnson (Johns Hopkins University School of Medicine)

DEREK D. REED (The University of Kansas)



Dr. Derek Reed is a Licensed Behavior Analyst in the State of Kansas and an Associate Professor in the Department of Applied Behavioral Science at The University of Kansas where he directs the Applied Behavioral Economics Laboratory. Derek received his Bachelor's degree in Psychology from Illinois State University and his Masters and Ph.D. in School Psychology from Syracuse University. He has served as associate editor for *Behavior Analysis in Practice* and *The Psychological Record*, and guest associate editor for *The Behavior Analyst*, *Journal of Behavioral Education*, and *Journal of Applied Behavior Analysis*. He serves as a reviewer on the editorial boards

of *The Behavior Analyst*, *Journal of Applied Behavior Analysis*, and *Journal of the Experimental Analysis of Behavior*. Derek has published over 90 peer reviewed papers and book chapters, coauthored three edited books, and was the 2016 recipient of the American Psychological Association Division 25 B. F. Skinner Foundation New Applied Researcher Award. He is working on a new textbook titled *Introduction to Behavior Analysis* with his coauthors Greg Madden and Mark Reilly. Derek is presently the executive director of the Society for the Quantitative Analyses of Behavior. Derek's research translates behavioral economic demand to understand contemporary issues of societal importance.

**Abstract:** Behavioral economic demand analyses quantify the degree to which organisms defend consumption of reinforcers. Emanating from the experimental analysis of behavior, demand analyses have rendered an abundance of success in modeling consumption and choice in highly controlled nonhuman studies. Translational applications in the 1980s demonstrated the potentiality of demand analyses in understanding substance use in human subject. Accordingly, contemporary research in addiction sciences has seen a marked proliferation in applying demand analyses in both translational and clinical settings. This SQAB Tutorial highlights translations of findings from basic studies on reinforcer demand to various issues of societal importance. The presentation begins with a primer on demand assessment and analysis. Discussion of demand metrics with immediate translation to applied behavior analysis is provided. Particular examples from behavioral health domains are provided in the areas of alcohol, cigarette, marijuana, and indoor tanning demand. The presentation concludes with a discussion of other areas of translation in mainstream applied behavior analysis, such as validating preference assessments, determining token delivery and exchange schedules, and classroom based reinforcement contingencies for work completion.

## #72 Panel Discussion

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3:00 pm–3:50 pm

Convention Center 403/404

EDC; Service Delivery

BACB/QABA CE Offered. CE Instructor: Ronald C. Martella, Ph.D.

### The Elements of Effective Instruction

Chair: Ronald C. Martella (The University of Oklahoma)

NANCY MARCHAND-MARTELLA (The University of Oklahoma)

RONALD C. MARTELLA (The University of Oklahoma)

AMEDEE MARTELLA (Carnegie Mellon University)

## #73 Symposium

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3:00 pm–3:50 pm

Hyatt Regency, Granite

OBM/PRA; Applied Research

BACB CE Offered. CE Instructor: Byron J. Wine, Ph.D.

### From the Laboratory to the Field: Recent Innovations in Incentive Procedures used in Organizational Behavior Management

Chair: Adam S. Warman (The Faison Center)

#### The Effects of Individual and Social Comparison Graphic Feedback on Incented Performance

YNGVI F. EINARSSON, Alyce M. Dickinson, and Bradley E. Huitema (Western Michigan University)

#### The Effects of Incentive Magnitude on the Efficacy of Probabilistic Schedules of Monetary Incentives

JASON M. HIRST (Southern Illinois University) and Conor M. Smith, Scott Michael Curry, Denys Brand, Amy J. Henley, Matthew Novak, and Florence D. DiGennaro Reed (The University of Kansas)

#### The Effects of Public Versus Private Drawings in a Lottery Reinforcement System

ADAM S. WARMAN (The Faison Center), Byron J. Wine (Florida Institute of Technology), and Eli T. Newcomb and Ting Chen (The Faison Center)

## #74 Symposium

3:00 pm–3:50 pm

Hyatt Regency, Mineral Hall D-G

OBM/VRB: Service Delivery

BACB CE Offered. CE Instructor: Ansley Catherine Hodges, M.S.

### Organizational Behavior Management in Human Services

Chair: Ansley Catherine Hodges (Florida Institute of Technology)

Discussant: Catherine A. Nicholson (Florida Institute of Technology)

#### Using OBM to Increase Staff Performance in Early Intervention

Ansley Catherine Hodges and Nicole Gravina (Florida Institute of Technology) and JAMES BEVACQUA (Nemours Children's Hospital)

#### An Evaluation of the Effects of Video Modeling on Staff Implementation of Pre-Session Pairing

REGINA NASTRI, Katie Nicholson, Kristin M. Albert, Lauren Stroker, and Marilynn Vanessa Colato (Florida Institute of Technology)

#### Ensuring Social Validity in Your Human Service Operations

SHANNON BIAGI (Florida Tech and ABA Technologies, Inc.) and Manuel Rodriguez (ABA Technologies, Inc.)

## #75 B. F. Skinner Lecture Series

Recorded Session

3:00 pm–3:50 pm

Convention Center Four Seasons Ballroom 4

OTH; Basic Research

PSY CE Offered. CE Instructor: Federico Sanabria, Ph.D.

### Peering Into Skinner's Black Box: The Evolutionary Conserved Neurobiology of Operant Learning

Chair: Federico Sanabria (Arizona State University)

BJÖRN BREMBS (Universität Regensburg)



Björn Brembs studied biology at the University of Würzburg in Germany. His graduate studies on associative conditioning in fruit flies were supervised by Martin Heisenberg in Würzburg. During this time, Björn spent every Monday morning, before preparing his experiments in the library studying not only the neurogenetic and wider biological literature, but especially reading up on six decades of experimental psychology. In 2000, Björn went on to switch organisms for his postdoctoral fellowship with John H. Byrne at the University of Texas in Houston, Texas. There, he studied how operant behavior and reward converge onto a single neuron in the marine snail *Aplysia*. He and his colleagues discovered how this neuron is modified to bias the behavior towards the rewarded behavior. In 2004 he started his own lab at the Freie Universität in Berlin, Germany. Back at working with fruit flies in Berlin, he discovered that operant and classical conditioning have different genetic underpinnings. Björn is now tenured professor of neurogenetics at the University of Regensburg, Germany.

**Abstract:** B. F. Skinner argued that neurobiology was not necessary to explain operant behavior. However, some of his most publicized conjectures could only be tested using neurobiological methods. For instance, 1959, in what may be one of the most decisive debates in modern psychology (or cognitive neuroscience), Noam Chomsky gutted Skinner's claims that human language were acquired via operant processes. By understanding and comparing the neurobiological mechanisms of operant learning in different animals, we now are beginning to accumulate evidence that Skinner was at least partially correct: there is a dedicated, evolutionarily conserved biochemical mechanism underlying behavioral learning which does not seem to be involved in the other forms of learning tested so far. This mechanism is also involved in acquiring at least the speech component of language, articulation. Coincidentally, such experiments also solved a technical problem first formulated by Skinner in 1935. Behavioral experiments were performed ~80% statistical power and have been internally replicated before publication. These replications often included different genetic modifications targeting the same biological structure, providing converging evidence for any given effect.

## #76 Symposium

3:00 pm–3:50 pm

Hyatt Regency, Centennial Ballroom F/G

PCH/EDC; Theory

### Complementarities in the Foundations of Behavior Analysis: Factuals and Counter-Factuals

Chair: Edward K. Morris (The University of Kansas)

#### Foucauldian Considerations for Behavior Analysis

WILL FLEMING and Edward K. Morris (The University of Kansas)

#### What Teaching Machines Should Have Been: A Counterfactual Analysis

ROGELIO ESCOBAR (National Autonomous University of Mexico)

#### B. F. Skinner and Seymour Papert: A Missed Connection

DON DAVIS (The University of Texas at San Antonio)

Saturday, May 27

## #77 Panel Discussion

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3:00 pm–3:50 pm

Convention Center Mile High Ballroom 2A

PRA; Service Delivery

BACB CE Offered. CE Instructor: Barbara E. Esch, Ph.D.

### **Interprofessional Collaboration Among Speech-Language Pathologists and Behavior Analysts**

Chair: Barbara E. Esch (Esch Behavior Consultants, LLC)

GINA GREEN (Association of Professional Behavior Analysts)

LORI FROST (Pyramid Educational Consultants)

LINA M. SLIM-TOPDJIAN (ASAP-A Step Ahead Program, LLC)

## #78 Symposium

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3:00 pm–3:50 pm

Convention Center Mile High Ballroom 2B

PRA/CBM;

BACB CE Offered. CE Instructor: Melissa L. Olive, Ph.D.

### **Precision Learning Systems and Telehealth Applications**

Chair: Melissa L. Olive (Applied Behavioral Strategies LLC)

#### **Interval Sprints as an Online Reading Fluency Intervention**

LACY KNUTSON, Deirdre Lee Fitzgerald, and Susan D. Flynn (The Chicago School of Professional Psychology)

#### **Computer-Based Precision Teaching in Developmental Mathematics**

CICELY LOPEZ, Deirdre Lee Fitzgerald, and Susan D. Flynn (The Chicago School of Professional Psychology)

#### **Increasing Physical Activity in Adults With Down Syndrome and Obesity Utilizing a Telehealth Fitness Intervention**

ANDREA MURRAY, Deirdre Lee Fitzgerald, and Jack Spear (The Chicago School of Professional Psychology)

## #79 Panel Discussion

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**Ethics**

3:00 pm–3:50 pm

Convention Center 401/402

TBA; Service Delivery

BACB CE Offered. CE Instructor: Ilene S. Schwartz, Ph.D.

### **Preparing Students to Practice Ethical Applied Behavior Analysis**

Chair: Ilene S. Schwartz (University of Washington)

NANCY ROSENBERG (University of Washington)

KATHERINE BATEMAN (University of Washington)

KATHLEEN PETERSON (University of Washington)

## #80 Symposium

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3:00 pm–3:50 pm

Convention Center 304

TBA/DEV; Applied Research

BACB/QABA CE Offered. CE Instructor: Jeremy H. Greenberg, Ph.D.

### **Behavior Analytic Emotion Instruction for Children With Autism**

Chair: Jeremy H. Greenberg (The Children's Institute of Hong Kong)

#### **Using Stimulus-Stimulus Pairing to Teach Children's Preference for Books**

Hyunok Kim, Kyungmi Oh, Hyejeong Jang, and Jihye Ha (Nexon Prumae Children's Rehabilitation Hospital) and HYE-SUK LEE PARK (KAVBA ABA Research Center)

#### **Teaching a Middle School Student With Autism to Tact Emotions and Causes of Emotions**

HUA FENG and Po-Lung Cheng (National Changhua University of Education) and Wenchu Sun (Behavior Therapy and Consultation Research Center)

#### **Effects of an Emotion Intervention on Behavioral and Emotional Competence for Children With Autism**

GABRIELLE T. LEE (Michigan State University) and Sheng Xu, ShaoJu Jin, Dan Li, and Shuangshuang Zhu (ChongQing Normal University)

## #80a Symposium

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3:00 pm–4:50 pm

Convention Center Mile High Ballroom 4C/D

AUT/DDA: Applied Research

BACB CE Offered. CE Instructor: David A. Wilder, Ph.D.

### **Recent Research on Assessing and Increasing Compliance Among Children**

Chair: Hallie Marie Ertel (Florida Institute of Technology)

Discussant: David A. Wilder (Florida Institute of Technology)

#### **The Effects of High-p and Low-p Instruction Similarity on Compliance Among Young Children**

HALLIE MARIE ERTEL, David A. Wilder, and Joshua Lipschultz (Florida Institute of Technology)

#### **Teaching Echoic Rehearsal to Establish First-Trial Performance in Completing Two-Step Instructions**

MEGAN E VOSTERS (University of Nebraska Medical Center) and Kevin C. Luczynski (University of Nebraska Medical Center's Munroe-Meyer Institute)

#### **An Evaluation of Relative and Absolute Effects of Multiple Reinforcement Parameters and Response Effort**

ERICA LOZY and Jolene R. Sy (University of Maryland, Baltimore County) and Jennifer R. Zarcone (Kennedy Krieger Institute)

#### **The Assessment and Treatment of Aggression and Elopement Occurring During Public Outings**

PATRICK ROMANI (University of Colorado, Anschutz Medical Campus) and Jennifer Peasley, Antoinette Donaldson, Abigail Ager, and Shana Garden (Children's Hospital Colorado)

## #81 Symposium

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3:00 pm–4:50 pm

Convention Center Mile High Ballroom 1A/B

AUT/DDA: Applied Research

BACB CE Offered. CE Instructor: Billie Retzlaff, M.A.

### **Effects of Multiple and Other Combined Schedules During Functional Analyses and Treatment of Problem Behavior**

Chair: Billie Retzlaff (University of Nebraska Medical Center)

Discussant: Joel Eric Ringdahl (University of Georgia)

#### **Emergence of Novel Functions of Behavior Following Synthesized Reinforcement Contingencies**

BILLIE RETZLAFF (University of Nebraska Medical Center), Wayne W. Fisher (University of Nebraska Medical Center's Munroe-Meyer Institute), Jessica Akers (University of Nebraska Medical Center), and Brian D. Greer (University of Nebraska Medical Center's Munroe-Meyer Institute)

#### **Evaluating Variations of Multiple Schedules**

ELIANA MARIA PIZARRO and Timothy R. Vollmer (University of Florida)

#### **Signaled Availability Using Proloquo2go™ on the iPad**

BRANDON C. PEREZ, Emma Grauerholz-Fisher, Kerri P. Peters, and Timothy R. Vollmer (University of Florida)

#### **Promoting Caregiver Transfer of Treatment Effects During Functional Communication Training**

KATIE LICHTBLAU (University of Nebraska Medical Center) and Brian D. Greer and Wayne W. Fisher (University of Nebraska Medical Center's Munroe-Meyer Institute)

## #82 Symposium

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3:00 pm–4:50 pm

Convention Center Mile High Ballroom 3C

AUT/VRB: Applied Research

BACB CE Offered. CE Instructor: Cassondra M Gayman, M.S.

### **Early Skill Acquisition and Clinical Implications for Children With ASD**

Chair: Cassondra M. Gayman (Marcus Autism Center)

Discussant: Tina Sidener (Caldwell University)

#### **Feasibility and Efficacy of Teaching Initial Mand to Children With Autism Spectrum Disorder Through Telehealth**

CAITLIN H. DELFS, Rachel Yosick, William Walton, Bhavna Kansal (Marcus Autism Center; Children's Healthcare of Atlanta) and M. Alice Shillingsburg (Marcus Autism Center; Emory University School of Medicine)

#### **A Comparison of Picture Touch and Modified Sign Language Training to Establish Discriminated Mand in Children With Autism**

CASSONDRA M. GAYMAN, Sarah Frampton, Dianna Shippee Walters, and Meighan Adams (Marcus Autism Center; Children's Healthcare of Atlanta); Caitlin H. Delfs (Marcus Autism Center; Children's Healthcare of Atlanta; Emory University School of Medicine); and M. Alice Shillingsburg (Marcus Autism Center; Emory University School of Medicine)

**Responding to Name in Children With Autism: An Evaluation of Training, Generalization, and Maintenance**

DANIEL CONINE, Timothy R. Vollmer, and Hypatia A Bolivar (University of Florida)

**A Comparison of Targets With and Without Permanent Products During Object Motor Imitation Training**

MEGHAN DESHAIS (University of Florida), Cara L. Phillips (Kennedy Krieger Institute, Johns Hopkins University School of Medicine), Katie Wiskow (California State University, Stanislaus), Jeanne M. Donaldson (Louisiana State University), and Timothy R. Vollmer (University of Florida)

**#83 Symposium**

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3:00 pm–4:50 pm

Hyatt Regency, Capitol Ballroom 5-7

CBM

BACB CE Offered. CE Instructor: Valerie M. Volkert, Ph.D.

**What's New in the Treatment of Pediatric Feeding Disorders**

Chair: Valerie M. Volkert (Marcus Autism Center and Emory School of Medicine)

Discussant: Carrie S. W. Borrero (Kennedy Krieger Institute)

**Treating Expulsion With Re-Presentation During Food and Liquid Refusal**

LINDA PHOSALY, Suzanne M. Milnes, Cathleen C. Piazza, and Jennifer M. Kozisek (University of Nebraska Medical Center's Munroe-Meyer Institute)

**A Comparison of Flipped Spoon Presentation and Redistribution to Decrease Packing in Children With Feeding Disorders**

KRISTINA SAMOUR (NOVA Southeastern University), Valerie M. Volkert (Marcus Autism Center; Emory School of Medicine), and Kathryn Holman Stubbs and William G. Sharp (Marcus Autism Center)

**Using a Treatment Package to Increase Compliance With Medication Administration in Children With Pediatric Feeding Disorders**

STEPHANIE MILLER and Meeta R. Patel (Clinic 4 Kidz)

**Further Examination of the Modified Sequential Oral Sensory Approach as Treatment for Food Selectivity in Children With Autism**

CAITLIN A. KIRKWOOD (University of Nebraska Medical Center's Munroe-Meyer Institute); Kate M. Peterson (University of Nebraska Medical Center); Cathleen C. Piazza, Vivian F. Ibanez, and Jaime Crowley (University of Nebraska's Munroe-Meyer Institute); Holly Ney (University of Nebraska Medical Center; University of Nebraska Omaha); and Trisha Franklin and Christopher W. Engler (University of Nebraska Medical Center's Munroe-Meyer Institute)

**#84 Paper Session**

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3:00 pm–4:50 pm

Hyatt Regency, Capitol Ballroom 4

CBM

**Promoting Healthy Lifestyle Changes: Improving Eating Habits and Increasing Exercise and Time Spent Outdoors**

Chair: Jonathan R. Miller (University of Colorado Denver; Children's Hospital Colorado)

**Why Weight? A Call for Behavior Analysts to Address Obesity** (Theory)

JONATHAN R. MILLER and Richard Boles (University of Colorado School of Medicine; Children's Hospital Colorado)

**Expanding Functional Assessment of Obesity-Causing Eating Behavior: The Operant Cluster** (Theory)

MICHAEL REYNOLDS (Columbia Basin College) and Richard Wayne Fuqua (Western Michigan University)

**Functional Assessment and Treatment of Exercise Cessation in an Adolescent With Obesity** (Applied Research)

KELLI MINTON and Jeannie A. Golden (East Carolina University)

**The Benefits of Being Outdoors for Seniors Living in Long-Term Care Settings** (Theory)

PARSLA VINTERE (CHE Senior Psychological Services)

## #85 Symposium

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3:00 pm–4:50 pm

Convention Center Mile High Ballroom 1C/D

DDA

BACB CE Offered. CE Instructor: Colin S. Muething, Ph.D.

### **The Role of Social-Positive Reinforcement in the Assessment and Treatment of Problem Behavior**

Chair: Colin S. Muething (Marcus Autism Center; Emory University School of Medicine)

Discussant: Sacha T. Pence (Auburn University)

#### **Video Modeling to Train Staff to Deliver Preferred Qualities of Attention**

TRACI TABER (School Psychology) and Nathan Lambright (Rutgers University)

#### **Impact of Quality of Fixed-Time Attention on Reduction of Problem Behaviors**

TIFFANY BORN (Kennedy Krieger Institute) and Melanie DuBard (The May Institute)

#### **Expanding Methods of Functional Analyses for Naturalistic Settings**

GREG SCHUTTE (Children's Mercy Hospital)

#### **A Consecutive Case Review of Interventions for Problem Behavior Maintained by Social-Positive Reinforcement**

COLIN S. MUETHING, Joanna Lomas Mevers, Mindy Christine Scheithauer, Courtney Mauzy, and Nathan Call (Marcus Autism Center)

## #86 Symposium

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3:00 pm–4:50 pm

Convention Center Four Seasons Ballroom 1

DDA/EAB;

BACB CE Offered. CE Instructor: Jolene R. Sy, Ph.D.

### **Therapeutic Choices, Skill Acquisition, and Negative Reinforcement in Contexts of Aversive Stimuli and Delayed Consequences**

Chair: John C. Borrero (University of Maryland, Baltimore County)

Discussant: Kevin C. Luczynski (University of Nebraska Medical Center's Munroe-Meyer Institute)

#### **The Use of Progressive-Ratio Schedules to Assess Negative Reinforcers**

Sarah E. Bloom (University of South Florida), LINDSEY SLATTERY (University of South Florida), Bryon Miller (University of South Florida)

#### **Assessment and Treatment of Self Control With Aversive Events by Children With Developmental Disabilities**

ALLEN PORTER (Kennedy Krieger Institute; University of Maryland, Baltimore County) and Jolene R. Sy (University of Maryland, Baltimore County)

#### **Effects of Delay to Reinforcement on Selections for High-Tech and Low-Tech Leisure Items**

KARIE JOHN, Andrew L. Samaha, Sarah E. Bloom, and Jessica Moore (University of South Florida)

#### **Multicomponent Intervention for Improving Writing Skills of Adults With Intellectual Disabilities in a University Classroom**

JOLENE R. SY, Mariana I. Castillo, and Klaire Williams (University of Maryland, Baltimore County)

## #87 Symposium

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3:00 pm–4:50 pm

Hyatt Regency, Centennial Ballroom B/C

EAB/VRB; Basic Research

### **Stimulus Control Questions and Equivalence Classes**

Chair: Erik Arntzen (Oslo and Akershus University College of Applied Sciences)

Discussant: Francis Mechner (The Mechner Foundation)

#### **Errorless Transfer of Stimulus Control, Fading Without Reinforcement, and the Induction of Resemblance Based Stimulus Classes**

LANNY FIELDS (Queens College, City University of New York)

#### **Malleability of Equivalence Classes: How Reorganization of Classes Influences Formation of New Classes**

ERIK ARNTZEN (Oslo and Akershus University College of Applied Sciences), Richard Nartey (Akershus University College), and Lanny Fields (Queens College, City University of New York)

#### **Sample/S-Relations Acquisition in a Three-Choice Matching-to-Sample Procedure That Requires Observing Responses**

GERSON YUKIO TOMANARI and Priscila Crespilho Grisante (Universidade de São Paulo)

#### **Further Explorations of Interactions Between the Development of Analytic Units and Equivalence Relations**

MANISH VAIDYA, Stefanie S. Stancato, and Manish Vaidya (University of North Texas)

## #88 Symposium

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3:00 pm–4:50 pm

Convention Center 406/407

EDC/DDA; Service Delivery

BACB CE Offered. CE Instructor: Jenny Root, Ph.D.

### **Pictorial Self-Instruction to Teach Chained Mathematical Tasks to Students With Severe Disabilities**

Chair: Fred Spooner (University of North Carolina, Charlotte)

Discussant: Julie L. Thompson (Texas A&M University)

#### **Conceptual Model for Training Mathematical Problem Solving to Students With Severe Disabilities**

FRED SPOONER and Alicia F. Saunders (University of North Carolina at Charlotte), Jenny Root (Florida State University), and Chelsi Brosh (University of North Carolina at Charlotte)

#### **Peer-Mediated Pictorial Instruction on Chained Mathematical Tasks for Students With Severe Disability**

LUANN LEY DAVIS (University of Memphis) and Fred Spooner (University of North Carolina at Charlotte)

#### **Pictorial Self-Instruction on a Technology Platform to Teach Real-World Algebra Problem Solving to Students With Autism Spectrum Disorder**

JENNY ROOT (Florida State University) and Diane Browder (University of North Carolina at Charlotte)

#### **Teaching Personal Finance to Students With Intellectual Disability Using Pictorial Self-Instruction**

Jenny Root (Florida State University) and Alicia F. Saunders, Fred Spooner, and CHELSI BROSH (University of North Carolina at Charlotte)

## #89 Symposium

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3:00 pm–4:50 pm

Convention Center 405

EDC/PRA; Service Delivery

BACB CE Offered. CE Instructor: Kent Johnson, Ph.D.

### **Teaching Mathematics, Writing, and Organizational Learning Skills With the Morningside Model of Generative Instruction**

Chair: Kent Johnson (Morningside Academy)

Discussant: Paul Thomas Thomas Andronis (Northern Michigan University)

#### **Design and Implementation of a Fluency Program for Essentials for Algebra, A Pre-Algebra Curriculum**

BRIEN MCGUIRE (Morningside Academy)

#### **Peer Coaching to Increase Application of Skills Taught in Mathematics and Writing Instruction**

NICOLE ERICKSON (Morningside Academy)

#### **Blending Online Adaptive Instruction With In-Class Rate-Building Instruction to Increase Student Success in a College Remedial Algebra Classroom**

Scott Beckett, COURTNEY S. PEPPERS-OWEN, and Mary Kathryn Reagan (Jacksonville State University) and Kalie Bible (Behavioral ONE)

#### **App Engagement and Gamification: An Analysis of User Data to Determine the Effectiveness of In-App Reinforcers and Inform Interventions for Students With Executive Functioning Deficits**

SHILOH M ISBELL (Precision Learning Lab)

## #90 Symposium

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3:00 pm–4:50 pm

Convention Center Mile High Ballroom 1E/F

PRA/AUT; Service Delivery

BACB CE Offered. CE Instructor: Lara M. Delmolino Gatley, Ph.D.

### **When Nothing Seems to Work: Skill Analysis and Intervention for Our Most Challenging Learners With ASD**

Chair: Lara M. Delmolino Gatley (Douglass Developmental Disabilities Center, Rutgers University)

Discussant: Kate E. Fiske (Douglass Developmental Disabilities Center, Rutgers University)

#### **Stop Blaming the Learner: Why the Term “Non-Responders” Is Faulty and the Implication for Treatment**

ROBERT K. ROSS (Beacon ABA Services)

#### **Developing Useful Learning Strategies for Individuals With Autism Spectrum Disorder**

JOHN JAMES MCEACHIN, Joseph H. Cihon, Julia Ferguson, Justin B. Leaf, Ronald Leaf, and Mitchell T. Taubman (Autism Partnership Foundation)



**Strategies to Address Missing Prerequisite Skills for Receptive Identification Training**  
TIFFANY KODAK and Samantha Bergmann (University of Wisconsin–Milwaukee) and Meredith Bamond and Kate E. Fiske (Douglass Developmental Disabilities Center, Rutgers University)

**Curricular Alternatives for Children With Autism Who Have Difficulty Acquiring Skills in a Developmental Curriculum**  
PATRICK E. MCGREEVY (Patrick McGreevy, Ph.D., P.A. and Associates)

### #91 Symposium

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3:00 pm–4:50 pm  
Convention Center Mile High Ballroom 2C  
PRA/EAB; Service Delivery  
BACB CE Offered. CE Instructor: Javier Virues Ortega, Ph.D.

#### **Advances in Translational Research in Applied Behavior Analysis**

Chair: Javier Virues Ortega (The University of Auckland)  
Discussant: Brian A. Iwata (University of Florida)

**Emergence of Derived Relations Following Tact Training With the Differential Outcomes Procedure**  
JESSICA CATHERINE MCCORMACK, Douglas Elliffe, and Javier Virues Ortega (The University of Auckland)

**Reinforcers Control Behaviour Because of What They Signal About the Immediate Future**  
SARAH COWIE, Jessica Catherine McCormack, and Paula Hogg (The University of Auckland); Christopher A. Podlesnik (Florida Institute of Technology); and Douglas Elliffe, Katrina J. Phillips, and Javier Virues Ortega (The University of Auckland)

**Parametric Analysis of Delayed Reinforcement in Children With Autism Spectrum Disorder**  
NATHALIE FERNÁNDEZ and Iser Guillermo DeLeon (University of Florida), Yanerys Leon (Florida Institute of Technology), and Elizabeth Schieber (University of Florida)

#### **Examination of Vicarious Punishment Effects**

LEAH JULIA KOEHLER and Brian A. Iwata (University of Florida)

### #92 Symposium

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3:00 pm–4:50 pm  
Convention Center Mile High Ballroom 3A  
VRB/AUT; Applied Research  
BACB CE Offered. CE Instructor: Stephanie Phelan, M.S.

#### **Problem Solving and Speech Generating Devices to Teach Remembering and Conversation Skills to Individuals With ASD**

Chair: Stephanie Phelan (ABACS; Simmons College)  
Discussant: James E. Carr (Behavior Analyst Certification Board)

**Reporting Past Behavior in Children With ASD With the Use of a Speech Generating Device**  
DIANNA SHIPPEE WALTERS, Videsha Marya, Tom Cariveau, Taylor Thompson, Brittany Lee Bartlett, Allison Briskin, and Shoma Sajan (Marcus Autism Center) and M. Alice Shillingsburg (Marcus Autism Center, Emory University School of Medicine)

**Evaluation of a Visual Imagining Procedure to Teach Remembering to Adolescents With ASD**  
JULIE M. STINE and Jason C. Bourret (The New England Center for Children)

**The Effects of Visual Imagining and Self-Questioning on Recalling Past Events With Children With ASD**  
STEPHANIE PHELAN (ABACS; Simmons College), Judah B. Axe (Simmons College), and Ashley Williams (ABACS; Simmons College)

#### **Self-Questioning to Teach Conversation Skills to Adults With ASD**

CHARLOTTE MANN (University of St. Joseph) and Amanda Karsten (Western New England University)

### #93 Paper Session

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4:00 pm–4:20 pm  
Hyatt Regency, Centennial Ballroom F/G  
PCH

#### **On Being Open...**

Chair: Sharon Estill Older (Adapt Behavioral Services)

**On Being Open...** (Service Delivery)  
SHARON OLDER (Adapt Behavioral Services)

## #94 Invited Presenter

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4:00 pm–4:50 pm

Hyatt Regency, Capitol Ballroom 1-3

CBM; Applied Research

PSY/BACB CE Offered. CE Instructor: Teresa Camille Kolu, Ph.D.

### **Schedule Effects in Behavior Streams: Supervision Topics for Analysts Interested in the Ethical Application of Behavior Analysis to Child and Family Welfare**

Chair: Steven R. Lawyer (Idaho State University)

TERESA CAMILLE KOLU (Cusp Emergence)



Dr. Camille Kolu is a behavioral scientist and BCBA-D in Denver, where she joins families and agencies to engineer behavioral cusps for individuals and their loved ones. After training, supervision and work at the University of North Texas, Dr. Kolu earned a Ph.D. in Biopsychology and Behavioral Neuroscience at Rutgers University, where she developed neurobiological animal models of autism and examined olfactory and social contextual conditioning. Dr. Kolu practices behavior analysis across the lifespan with individuals and families affected by autism, foster care or adoption, mental illness, and/or developmental and intellectual disabilities. She partners with health and human service agencies, mental hospitals, schools, community centered boards, and the University of Colorado Denver, where she enjoys designing and teaching courses in behavior analysis and ethics. Dr. Kolu has published in peer-reviewed journals, and serves on the board of Four Corners Association for Behavior Analysis. She explores research interests in verbal communities of reinforcement and stimulus schedules in the everyday interactions of families affected by disruption or trauma, while using her private practice to provide training, education, and behavior analytic mentorship and supervision.

**Abstract:** Schedule-induced or “adjunctive” behavior may occur related to a time based schedule when an individual produces behavior accompanying a scheduled stimulus delivery. In 1978, Foster exposed a lack of the term “adjunctive behavior” within the usage of JABA, while noting the potential significance of “adjunctive behavior” to applied settings. He had observed “numerous cases where professionals and paraprofessionals devoted strenuous, shortsighted, and futile efforts at directly modifying apparently adjunctive behaviors by imposing medications or consequences on them.” Today, despite its contributions to the basic literature and its massive potential significance to applied settings, adjunctive behavior remains a topic infrequently explored by researchers interested in human populations, and may still be unfamiliar to behavior analysts lacking research experience or comprehensive backgrounds. This paper explores using a schedule-related analysis in providing ethical supervision and treatment for populations affected by trauma (for example, young children experiencing court-ordered visits with caregivers previously associated with aversive stimuli). Data are discussed in the context of engineering supportive environments for children with previous schedule related aversive experiences, as well as providing appropriate education and training for such families or others new to the analysis of stimulus schedule effects.

## #95 Symposium

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4:00 pm–4:50 pm

Hyatt Regency, Mineral Hall A-C

CSS/EDC; Service Delivery

BACB CE Offered. CE Instructor: W. Joseph Wyatt, Ph.D.

### **Attitudes in Academic and Employment Achievement**

Chair: Judy G. Blumenthal (Associates for Behaviour Change)

Discussant: Jill Hunt (Judge Rotenberg Center)

#### **Attitude Design and Change**

JUDY G. BLUMENTHAL (Association for Behaviour Change)

#### **Specific Positive Attitudes for Job Search and Promotion**

JOHN LOMBARDO (Medical College of Wisconsin)

## #96 SQAB Tutorial

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4:00 pm–4:50 pm

Hyatt Regency, Centennial Ballroom D

EAB; Basic Research

PSY/BACB CE Offered. CE Instructor: Timothy A. Shahan, Ph.D.

### **Relapse**

Chair: John A. Nevin (University of New Hampshire)

TIMOTHY A. SHAHAN (Utah State University)



Dr. Timothy A. Shahan received his Ph.D. in Psychology from West Virginia University in 1998. He was a postdoctoral research fellow at the University of Vermont, and then a Research Assistant Professor at the University of New Hampshire until 2003. He was the 2006 recipient of the B. F. Skinner Young Researcher Award from Division 25 of APA. He is presently a Professor in the Psychology Department at Utah State University. Dr. Shahan’s research focuses on

resurgence, behavioral momentum, choice, and conditioned reinforcement. For approximately a decade, a major emphasis of Dr. Shahan's research has been the development and evaluation of quantitative theories of relapse. His research has been supported by various institutes at NIH including NIMH, NIAAA, NIDA, and NICHD. Dr. Shahan is a Fellow of ABAAI and has served as an Associate Editor for the Journal of the Experimental Analysis of Behavior, president of the Society for the Quantitative Analyses of Behavior, and chair of the Biobehavioral Regulation, Learning and Ethology study section at NIH.

**Abstract:** The recurrence of previously eliminated operant behavior (i.e., relapse) represents a challenge to the long-term success of a wide variety of behavioral interventions. This tutorial will provide a review of common relapse phenomena (e.g., reinstatement, renewal, resurgence) using examples from both basic research and applied settings. A major emphasis will be on providing user-friendly descriptions of existing theories of relapse, especially theories of resurgence. Theories discussed will be Behavioral Momentum Theory, Context Theory, and Choice Theory. The successes and failures of these theories will be addressed, as will areas in need of additional empirical and theoretical development. Finally, translational relevance will be discussed by considering how insights provided by the theories might be used to prevent or reduce relapse following common behavioral interventions (e.g., DRA). This presentation will also serve as an introduction to a panel discussion on the application of theories of relapse.

#### #97 B. F. Skinner Lecture Series

Recorded Session

4:00 pm–4:50 pm

Convention Center Four Seasons Ballroom 4

EDC; Service Delivery

PSY/BACB CE Offered. CE Instructor: Florence D. DiGennaro Reed, Ph.D.

#### Conjoint Behavioral Consultation: What Works, How it Works, and What it Means for Practice

Chair: Florence D. DiGennaro Reed (The University of Kansas)

SUSAN SHERIDAN (University of Nebraska, Lincoln)



Susan M. Sheridan, Ph.D. is Director of the Nebraska Center for Research on Children, Youth, Families and Schools (CYFS), and a George Holmes University Professor of Educational Psychology at the University of Nebraska-Lincoln. Dr. Sheridan's research is focused on parent-teacher relationships; the development of meaningful home-school partnerships; early childhood education and interventions; and interventions promoting children's social skills, social-emotional development and behavioral competencies. She has received more than \$50 million in grant funding, with federal agencies such as the U.S. Department of

Education and the National Institutes of Health providing more than \$46 million toward establishing effective interventions for children, parents, and educators. Sheridan has published more than 100 books, chapters, and refereed journal articles on behavioral consultation, early childhood, parent engagement and partnerships, rural education, social-emotional skills and development, and behavioral interventions. The American Psychological Association's Division 16 (School Psychology) recognized her research excellence with the Lightner Witmer Award (1993) for early career accomplishments and the Senior Scientist Award (2015) for distinguished career-long scholarship. She also received the 2005 Presidential Award from the National Association of School Psychologists.

**Abstract:** Methods to support students' competencies often target isolated contexts or activate individual treatment agents. Conjoint Behavioral Consultation (CBC; Sheridan, Kratochwill & Bergan, 1996; Sheridan & Kratochwill, 2008), on the other hand, is an indirect intervention focused on the attainment of students' goals through (a) collaborative and consistent implementation of evidence-based interventions across home and school settings, and (b) data-based problem solving with parents and teachers working as partners. This presentation will review CBC and decades of empirical investigations that have documented its efficacy for promoting behavioral, social-emotional and academic competencies among children facing a range of behavioral and learning challenges. Research exploring outcomes for students, parents and teachers will be presented. A focus on translation and considerations for practice will be highlighted by exploring empirically-derived "active ingredients" (mediators) responsible for CBC's effects, conditions (moderators) under which desired outcomes are maximized, and a number of implementation lessons learned. Opportunities for future research and training will be explored.

#### #98 Panel Discussion

4:00 pm–4:50 pm

Hyatt Regency, Mineral Hall D-G

OBM; Service Delivery

BACB CE Offered. CE Instructor: Alyssa Kavner, M.A.

#### Best Practices in Training Adults to Implement Behavior Analytic Services per BACB Standards

Chair: Alyssa Kavner (Easterseals Southern California)

KIMBERLEY ANDREA ENLOE (Easterseals Southern California)

WILLIAM FANT (Easterseals Southern California)

KHRYSTLE LAUREN MONTALLANA (Easterseals Southern California)

Saturday, May 27

## #99 Panel Discussion

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4:00 pm–4:50 pm

Convention Center Mile High Ballroom 2B

PRA; Service Delivery

BACB CE Offered. CE Instructor: LaQuita Spivey, M.S.

### **Work With Me People: A Discussion on Challenges in Service Delivery of Behavior Principles in Home and Community Settings**

Chair: LaQuita Spivey (University of California - Santa Barbara)

LYNNE FARLOUGH (Pyramid Parent Training)

LOURDES RIVERA-PUTZ (United We Stand of New York)

CHARLOTTE SPINKSTON (Urban Partnership Resources and Information on Disability and Education)

## #100 Symposium

Supervision

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4:00 pm–4:50 pm

Convention Center 304

TBA/DDA; Applied Research

BACB CE Offered. CE Instructor: Ee Rea Hong, Ph.D.

### **Using Telepractice to Coach Parents and Students in Japan on Naturalistic Teaching**

Chair: Ashley Labay (University of Texas at San Antonio)

Discussant: Ee Rea Hong (University of Tsukuba)

#### **Dissemination of Applied Behavior Analysis Through Global Telepractice**

ILEANA UMANA and Leslie Neely (The University of Texas at San Antonio) and Ee Rea Hong and Sawako Kawaminami (University of Tsukuba)

#### **Fostering Parent-Delivered Tele-Home Practice in Naturalistic Communication Teaching for Three Japanese Children With ASD**

LIYUAN GONG, Ee Rea Hong, Liyuan Gong, and Sawako Kawaminami (University of Tsukuba); Leslie Neely (The University of Texas at San Antonio); and Jennifer Ganz (Texas A&M University)

## #101 Symposium

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4:00 pm–5:50 pm

Convention Center Mile High Ballroom 3B

AUT/EAB; Service Delivery

### **An Evaluation of Basic and Applied Procedural Modifications to Enhance Stimulus Control**

Chair: Careen Suzanne Meyer (California State University, Sacramento)

Discussant: Chata A. Dickson (The New England Center for Children)

#### **Successive Matching-to-Sample as an Alternative to Traditional Matching-to-Sample to Produce Conditional Relations in Adults**

Timothy G. Howland, Charisse Ann Lantaya, and Scott Page (California State University, Sacramento); Danielle LaFrance (H.O.P.E. Consulting, LLC; Endicott College; Institute for Behavioral Studies); and KARINA ZHELEZOGLO, Elyse Grosskopf, and Caio F. Miguel (California State University, Sacramento)

#### **Effects of Presentation Order of Sample and Comparison Stimuli During Receptive Instruction**

BAILEY DEVINE (Texas Christian University), Kiley Hiatt, Providence Gee (Texas Christian University), Gabby Aguilar (Texas A&M Corpus Christi), and Anna I. Petrusdottir (Texas Christian University)

#### **Comparing the Efficacy and Efficiency of Strategies to Teach Auditory Discrimination**

SAMANTHA BERGMANN, Tiffany Kodak, Brittany Benitez, and Gabriella Van Den Elzen (University of Wisconsin–Milwaukee); Terra Cliett (University of North Texas); and Sophie Knutson, Leah Bohl, and Raven Wood (University of Wisconsin–Milwaukee)

#### **An Examination of Stimulus Control Shaping Procedures Used to Teach Auditory Discriminations**

ROBERT W. ISENHOWER and Meredith Bamond (Douglass Developmental Disabilities Center, Rutgers University), Samantha Bergmann (University of Wisconsin–Milwaukee), Catriona Beauchamp Francis (Douglass Developmental Disabilities Center, Rutgers University), Tiffany Kodak (University of Wisconsin–Milwaukee), and Kate E. Fiske (Douglass Developmental Disabilities Center, Rutgers University)

## #102 Symposium

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4:00 pm–5:50 pm

Convention Center Mile High Ballroom 4E/F  
AUT/VRB; Applied Research  
BACB CE Offered. CE Instructor: Amarie Carnett, Ph.D.

### **Teaching Children With Autism to Mand Using Speech-Generating Devices**

Chair: Amarie Carnett (University of North Texas)  
Discussant: Tracy Raulston (University of Oregon)

#### **Increasing Target Vocalizations Used Along With Speech-Generating Device Mand**

CINDY GEVARTER and Keri Horan (Manhattanville College)

#### **Teaching a Child With Autism to Mand for Answers to Questions Using a Speech-Generating Device**

Amarie Carnett and EINAR T. INGVARSSON (University of North Texas)

#### **Mands for Information Using “Who” and “Which” Using Speech-Generated Devices**

BRITTANY LEE BARTLETT, Taylor Thompson, and Videsha Marya (Marcus Autism Center) and M. Alice Shillingsburg (Marcus Autism Center, Emory University School of Medicine)

#### **Teaching Children With Autism Spectrum Disorder to Ask “Where” Questions With a Speech-Generating Device**

AMARIE CARNETT and Einar T. Ingvarsson (University of North Texas) and Alicia Marie Bravo and Jeffrey S. Sigafos (Victoria University of Wellington)

## #103 Symposium

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4:00 pm–5:50 pm

Convention Center Mile High Ballroom 4A  
AUT/VRB; Service Delivery  
BACB CE Offered. CE Instructor: Gladys Williams, Ph.D.

### **Engineering Verbal Behavior Cusps**

Chair: Kalle Laitinen (Personalized Accelerated Learning Systems)  
Discussant: Calo F. Miguel (California State University, Sacramento)

#### **Building Proto Imperative Mand From Visual Regard**

Richard E. Laitinen (Personalized Accelerated Learning Systems) and MARIA DEMAURO (The David Gregory School)

#### **The Role of Echolalia in Language Development**

GLADYS WILLIAMS (CIEL, SPAIN)

#### **Echoics to Mand and Mand to Tacts: Progression of Verbal Behavior Function**

Jessica Fernandez (ABAE Therapies) and KENYA RENEE VELAZQUEZ LEY (Centro Altun, Mexico)

#### **How to Establish Stimulus Control Over an Emerging Echoic Repertoire**

SARA GARBARINI (David Gregory School)

## #104 Symposium

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4:00 pm–5:50 pm

Hyatt Regency, Centennial Ballroom H  
BPN/CBM; Applied Research  
BACB CE Offered. CE Instructor: Wendy Donlin Washington Washington, Ph.D.

### **Current Applications of Contingency Management**

Chair: David William Sottile (Western Michigan University)  
Discussant: Wendy Donlin Washington (University of North Carolina Wilmington)

#### **The Expansion of Contingency Management Treatment**

LEONARDO F. ANDRADE (University of Connecticut School of Medicine)

#### **Employment Based Abstinence Reinforcement Improves Key Behavioral Outcomes in Women Arrested for Prostitution**

DAVID WILLIAM SOTTILE and Anthony DeFulio (Western Michigan University)

#### **Remote Alcohol Monitoring to Facilitate Abstinence Reinforcement**

DEREK POPE (Virginia Tech Carilion Research Institute), Anita Kablinger (General Psychiatry Research, Carilion Medical Cent), Warren K. Bickel (Virginia Tech Carilion Research Institute and Department of Psychology, Virginia Tech), Mikhail Koffarnus (Virginia Tech Carilion Research Institute)

#### **Using the Good Behavior Game to Increase Physical Activity With Elementary School Students at Recess**

LESLIE GALBRAITH and Matthew P. Normand (University of the Pacific)

## #105 Symposium

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4:00 pm–5:50 pm

Hyatt Regency, Centennial Ballroom E

EAB/CBM;

BACB CE Offered. CE Instructor: Federico Sanabria, Ph.D.

### **Variables Affecting Resurgence and Renewal Across Species**

Chair: Brooke M. Smith (Utah State University)

Discussant: Federico Sanabria (Arizona State University)

#### **Retrieval Cues Associated With Alternative Reinforcement Can Attenuate Resurgence of an Extinguished Instrumental Response**

SYDNEY TRASK and Mark E. Bouton (University of Vermont)

#### **The Effect of Quality and Delay of the Reinforcer on the Renewal of an Instrumental Response**

Cinthia Hernandez, KENNETH DAVID MADRIGAL-ALCARAZ, and Carlos Flores (Universidad de Guadalajara)

#### **Resurgence When Challenging Alternative Responding With Progressive Ratios**

MADELEINE DIANE KEEVY, Thuong Huyen, and Christopher A. Podlesnik (Florida Institute of Technology)

#### **Resurgence of Negatively Reinforced Target Behavior in Humans: Effects of Differential Rates of Alternative Reinforcement**

BROOKE M. SMITH (Utah State University), Gregory Scott Smith (Chrysalis, Inc.; University of Nevada School of Medicine), and Timothy A. Shahan and Mike P. Twohig (Utah State University)

## #106 Symposium

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4:00 pm–5:50 pm

Convention Center Mile High Ballroom 2A

PRA/DDA; Applied Research

BACB CE Offered. CE Instructor: Amanda Zangrillo, Psy.D.

### **Commonalities and Advancements in Stimulus-Avoidance Assessment and Variables that Effect Preference for Punishment**

Chair: Amanda Zangrillo (University of Nebraska Medical Center's Munroe-Meyer Institute)

Discussant: Nathan Call (Marcus Autism Center)

#### **An Investigation of Similarities in Procedures Used in Stimulus Avoidance Assessments**

COURTNEY MAUZY (Marcus Autism Center), Sarah J. Miller (Marcus Autism Center; Emory University School of Medicine), Mindy Schiethauer (Marcus Autism Center; Children's Healthcare of Atlanta; Emory University School of Medicine), Nathan Call and Joanna Lomas Mevers (Marcus Autism Center; Emory University School of Medicine), and Seth B. Clark (Marcus Autism Center)

#### **An Evaluation of Caregiver-Implemented Stimulus Avoidance Assessment and Treatment**

CHRISTINA SIMMONS, Amanda Zangrillo, and Wayne W. Fisher (University of Nebraska Medical Center's Munroe-Meyer Institute)

#### **Treatment of Automatically-Maintained Aggression With Punishment and a Discrimination-Training Procedure**

Elizabeth McKay Sansing and Karen A. Toussaint (University of North Texas), Jeffrey H. Tiger (University of Wisconsin–Milwaukee), and LANDON COWAN (University of North Texas)

#### **Variables That Influence Preference for Response Cost**

ISAAC NZUKI, Erica Jowett Hirst, FalyN Michal Lockenour, Allison Ribley, and Alexis Henry (Southern Illinois University)

## #107 Symposium

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5:00 pm–5:50 pm

Convention Center Mile High Ballroom 4C/D

AUT/VRB; Applied Research

BACB CE Offered. CE Instructor: Elizabeth R. Lorah, Ph.D.

### **Using the iPad® as a Speech-Generating Device: Beyond the Basic Verbal Operants**

Chair: Elizabeth R. Lorah (University of Arkansas)

#### **Acquisition of Device Navigation Using the iPad® as a Speech-Generating Device**

JASMINE WELCH-BEARDSLEY and Elizabeth R. Lorah (University of Arkansas)

#### **The Effects of Verbal Behavior Training on Social Communicative Behaviors ISIS**

TRAUTMAN and Elizabeth R. Lorah (University of Arkansas)

#### **The Acquisition of Carrier Phrases Using the iPad® as a Speech-Generating Device**

ASHLEY PARNELL and Elizabeth R. Lorah (University of Arkansas)

**#108 Panel Discussion****Student Committee Event**

5:00 pm–5:50 pm  
Convention Center Mile High Ballroom 3C  
AUT; Service Delivery

**Professional Development Series: Strategies for Effective and Ethical Collaboration in the School Setting**  
Chair: Joseph Hacker (McNeese State University)

ROBERT K. ROSS (Beacon ABA Services)  
DANIEL ALMEIDA (University of Massachusetts Boston)  
RACHEL FREEDMAN (Bellingham Public Schools)

**#109 Symposium**

5:00 pm–5:50 pm  
Hyatt Regency, Capitol Ballroom 4  
CBM  
BACB CE Offered. CE Instructor: Carole M. Van Camp, Ph.D.

**Recent Research in Assessing and Increasing Physical Activity**  
Chair: Carole M. Van Camp (University of North Carolina Wilmington)

**Using a Deposit Contract and Escalating Schedule of Reinforcement to Increase Physical Activity in Adults**  
KAITLYN PROCTOR and Wendy Donlin Washington Washington (University of North Carolina Wilmington)

**Assessing and Increasing Physical Activity in Children Across Different Contexts**  
RYAN BLEJEWSKI, Carole M. Van Camp, Lindsay E. Gordon, and Alison Ruby (University of North Carolina Wilmington)

**The Effects of Gross-Motor Fluency Training on Physical Activity Levels in Young Children**  
ALLISON J. MORLEY and Brian K. Martens (Syracuse University)

**#110 Panel Discussion****Student Committee Event**

5:00 pm–5:50 pm  
Hyatt Regency, Capitol Ballroom 5-7  
CBM; Service Delivery

**Professional Development Series: Expanding the Scope of Practice: Behavior Analysis and Medicine**  
Chair: Brennan Patrick Armshaw (University of North Texas)

MANISH VAIDYA (University of North Texas)  
KEITH D. ALLEN (University of Nebraska Medical Center's Munroe-Meyer Institute)  
ALISON COX (University of Manitoba)

**#111 Panel Discussion****Student Committee Event**

5:00 pm–5:50 pm  
Hyatt Regency, Mineral Hall A-C  
CSS; Service Delivery

**Professional Development Series: The Language of Dissemination**  
Chair: Ashlie Encinias (University of Nevada, Reno)

PHILIP N. HINELINE (Temple University)  
KENT JOHNSON (Morningside Academy)  
MARK A. MATTAINI (Jane Addams College of Social Work-University of Illinois at Chicago)

**Saturday, May 27**



## #112 Symposium

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5:00 pm–5:50 pm  
Convention Center 403/404  
EDC/AUT; Applied Research  
BACB CE Offered. CE Instructor: JoAnn Pereira Delgado, Ph.D.

### **A Scientific Approach to Inclusion in the Elementary School Setting: The CABAS® Accelerated Independent Learner Model of Instruction**

Chair: JoAnn Pereira Delgado (Teachers College, Columbia University)

**Preparing Students With Disabilities for a Successful Transition to the General Education Setting**  
LAURA DARCY (Morris School District), JoAnn Pereira Delgado (Teachers College, Columbia University), and R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

### **Effective Inclusion in the General Education Setting: Successful Transitions Within the Accelerated Independent Learner Model, Grades K-2**

LARA GENTILINI and JoAnn Pereira Delgado (Teachers College, Columbia University) and R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

### **Effective Inclusion in the General Education Setting: Successful Transitions Within the Accelerated Independent Learner Model in Grades 3-5**

BRITTANY DIANNE BLY and JoAnn Pereira Delgado (Teachers College, Columbia University) and R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

## #113 Invited Tutorial

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5:00 pm–5:50 pm  
Convention Center 401/402  
EDC; Service Delivery  
BACB CE Offered. CE Instructor: Scott P. Ardoin, Ph.D.

### **Getting Behavior Analysis in Schools: Building and Maintaining Relationships With Educators**

Chair: Scott P. Ardoin (UGA Center for Autism and Behavioral Education Research)

CYNTHIA M. ANDERSON (The May Institute)



Cynthia M. Anderson received her Ph.D. in Clinical Child Psychology from West Virginia University in 1999. Her research and clinical practice has focused on the use of behavior analytic assessment and intervention methods in school settings, with a particular focus on how systems might be developed to support high-quality implementation over time. Dr. Anderson currently serves as the senior vice president of Applied Behavior Analysis and director of the National Autism Center at the May Institute. She is the Applied Representative to the Executive Council of ABAI.

**Abstract:** The science and practice of behavior analysis has much to offer educators. For example, behavior analytic interventions have been shown to be effective for increasing academic and pro-social skills and reducing problem behavior for students with and without disabilities. In spite of these successes however, educators are not beating down our proverbial door. Instead, behavior analysts often report the opposite: school doors seem shut and locked tight, there seems to be little or no interest on the part of educators in working with a behavior analyst. This presentation will address some of the challenges we face in working with schools and will describe a framework for developing and maintaining a positive and effective consulting relationship with educators.

## #114 Symposium

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5:00 pm–5:50 pm  
Convention Center 406/407  
EDC/DDA; Service Delivery  
BACB CE Offered. CE Instructor: Kathy Tomon, M.S.

### **Implementation of a School Wide Positive Behavior Support Program in Alternative Settings**

Chair: Kathy Tomon (Y.A.L.E. Schools)

#### **Implementation of a School Wide Positive Behavior Support Program in a Large Private School Serving Children and Young Adults With Autism and Other Intellectual Disabilities**

EDWARD (CHRIS) C. VONDERSCHMIDT (Y.A.L.E. Schools), Kathy Tomon (Melmark), Elizabeth Burckley (The Vanguard School), Amy Fredrick (Y.A.L.E. School), and Amanda Guld Fisher (Temple University)

#### **Effects of a School Wide Positive Behavior Support Program in a Small Private School Serving Children With Emotional Behavioral Disorders**

AMY FREDRICK (Y.A.L.E. School), Kathy Tomon (Melmark), Edward (Chris) C. Vonderschmidt (Y.A.L.E. Schools), and Amanda Guld Fisher (Temple University Yale School)

**Challenges and Successes of a School Wide Positive Behavior Support Program in a Small, Urban Private School Serving Children With Emotional Behavioral Disorders**

KATHY TOMON (Melmark), Edward (Chris) C. Vonderschmidt and Amy Fredrick (Y.A.L.E. School) and Amanda Guld Fisher (Temple University)

**#115 Paper Session**

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5:00 pm–5:50 pm  
Convention Center 405  
EDC

**It's Not Just About Who, What, When, Where, and Why: Improving Students' Reading Comprehension Skills**

Chair: Angelika Anderson (Monash University)

**The Effects of Prompt-Fading a Self-Questioning Strategy on Learners' Reading Comprehension Subskills** (Applied Research)

GLEIDES LOPES RIZZI (State University of New York at New Paltz)

**Behavior Skills Training of Reading Comprehension to a Child With Autism Spectrum Disorder** (Applied Research)

ANGELIKA ANDERSON, Binita Singh, Dennis W. Moore, and Brett Edward Furlonger (Monash University)

**#116 Panel Discussion**

**Student Committee Event**

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5:00 pm–5:50 pm  
Hyatt Regency, Granite  
OBM; Service Delivery

**Professional Development Series: OBM Inside—A Beginner's Guide to Organizational Behavior Management**

Chair: Shannon Biagi (Florida Tech; ABA Technologies, Inc.)

MANUEL RODRIGUEZ (ABA Technologies, Inc.)

ADAM E. VENTURA (World Evolve, Inc.)

AUTUMN KAUFMAN (Commonwealth Autism)

**#117 Symposium**

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5:00 pm–5:50 pm  
Convention Center Mile High Ballroom 2B  
PRA/AUT; Service Delivery  
BACB CE Offered. CE Instructor: Marianne L. Jackson, Ph.D.

**Examinations of the Functional Analysis Process: Use of Abolishing Operations and Synthesized Conditions**

Chair: Jonpaul D. Moschella (California State University, Fresno)

**Getting What You Want: The Use of Abolishing Operations in Functional Analyses**

JONPAUL D. MOSCHELLA, Marianne L. Jackson, Alexandria Antoinette Jones, and Erin Paulsen (California State University, Fresno)

**Training Staff to Conduct Interview-Informed Synthesized Contingency Analyses in the Country of Georgia**

MARIANNE L. JACKSON and Jonpaul D. Moschella (California State University, Fresno) and Tinatin Tchintcharauli (Child Development Institute, Ilia State University)

**An Examination of the Interview-Informed Synthesized Contingency Analysis in Community and Clinic Based-Setting**

ERIN PAULSEN, Marianne L. Jackson, and Nicholas L Vitale (California State University, Fresno)

**#118 Panel Discussion**

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5:00 pm–5:50 pm  
Convention Center Mile High Ballroom 2C  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: Amanda N. Kelly, Ph.D.

**Increasing Behavior Analysts Participation in Public Policy**

Chair: Amanda N. Kelly (University of West Florida; BEHAVIORBABE (Hawaii))

AMANDA N. KELLY (University of West Florida; BEHAVIORBABE)

KRISTEN E. KOBA-BURDT (University of West Florida; BAYADA Behavioral Health; Hawai'i ABA)

JULIE KORNACK (Center for Autism and Related Disorders)

## #119 Invited Panel

5:00 pm–5:50 pm

Hyatt Regency, Centennial Ballroom D

SCI; Applied Research

PSY/BACB CE Offered. CE Instructor: M. Christopher Newland, Ph.D.

### Treatment Relapse: A Panel With Discussion

Chair: M. Christopher Newland (Auburn University)

DAVID P. WACKER (The University of Iowa)

WAYNE W. FISHER (University of Nebraska Medical Center's Munroe-Meyer Institute)

MAGGIE SWEENEY (Johns Hopkins University School of Medicine)



David Wacker is professor emeritus of pediatrics at The University of Iowa. He has maintained NIH funding for both applied (telehealth) and translational (behavioral persistence) studies for over 30 years. He was the director of a large outpatient clinic for children and adults with developmental disabilities who displayed severe problem behavior. He is the former editor of the *Journal for Applied Behavior Analysis* and is a Fellow in ABAI and APA (Divisions 25 and 33). He is the 2016 recipient of the Don Hake Award for translational research from Division 25.



Wayne Fisher is the H.B. Munroe professor of behavioral research in the Munroe-Meyer Institute and the Department of Pediatrics at the University of Nebraska Medical Center. He is also the director of the Center for Autism Spectrum Disorders at the Munroe-Meyer Institute, a board certified behavior analyst at the doctoral level (BCBA-D), and a licensed psychologist. He was previously a professor of psychiatry at Johns Hopkins University School of Medicine and served as executive director of the Neurobehavioral Programs at the Kennedy Krieger Institute and the Marcus Behavior Center at the Marcus Institute, where he built clinical-research programs in autism and developmental disabilities with national reputations for excellence. Fisher's methodologically sophisticated research has focused on several intersecting lines, including preference, choice, and the assessment and treatment of autism and severe behavior disorders, that have been notable for the creative use of concurrent schedules of reinforcement, which have become more commonplace in clinical research primarily as a result of his influence. He has published over 150 peer-reviewed research studies in over 30 different behavioral and/or medical journals, including: the *Journal of Applied Behavior Analysis*; *Psychological Reports*; *American Journal on Intellectual and Developmental Disabilities*; *Pediatrics*; *Journal of Developmental and Behavioral Pediatrics*; and *The Lancet*. Fisher is a past editor of the *Journal of Applied Behavior Analysis*, a past president of the Society for the Experimental Analysis of Behavior, a fellow in the Association for Behavior Analysis, and recipient of the Bush Leadership Award, the APA (Division 25) Award for Outstanding Contributions to Applied Behavioral Research, the UNMC Distinguished Scientist Award, and the University of Nebraska system-wide Award for Outstanding Research and Creativity Activity.



Dr. Mary M. (Maggie) Sweeney is a postdoctoral research fellow the Behavioral Pharmacology Research Unit in the Department of Psychiatry and Behavioral Sciences at the Johns Hopkins University School of Medicine. She was trained in the experimental analysis of behavior at Utah State University, where she received her doctorate, and at Purdue University, where she received her undergraduate degree. She has published several peer-reviewed journal articles on the topic of relapse of operant behavior, including studies with pigeons, rats, and humans. Dr. Sweeney is a member of the editorial board of the *Journal of the Experimental Analysis of Behavior*, and has served as an invited reviewer for the *Journal of Applied Behavior Analysis*, *The Psychological Record*, *Preventive Medicine*, *Journal of Psychopharmacology*, and *Journal of Caffeine Research*. In her current position at Johns Hopkins, Dr. Sweeney's research focuses on applications of basic reinforcement processes to substance use and related risk behaviors, with a focus on licit abused drugs and sexual risk behavior.

**Abstract:** This session immediately follows Dr. Tim Shahan's SQAB tutorial entitled "Relapse," which introduces the fundamental principles underlying resurgence, renewal, and reinstatement. 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 arose 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 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.

## #120 Symposium

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5:00 pm–5:50 pm

Convention Center Mile High Ballroom 1E/F

VRB/EAB; Service Delivery

BACB CE Offered. CE Instructor: Jovonnie L. Esquierdo-Leal, M.A.

### **The Time is Now: Intervention for the Fourth Dimension**

Chair: Jovonnie L. Esquierdo-Leal (University of Nevada, Reno)

Discussant: Kimberly Kirkpatrick (Kansas State University)

#### **Mindfulness Without Mentalism: Present Moment Awareness, Derived Relational Responding, and the Behavioral Cusp**

EMILY KENNISON SANDOZ (University of Louisiana at Lafayette), Jonathan J. Tarbox (FirstSteps for Kids), and Karen Kate Kellum (University of Mississippi)

#### **It's About Time: Integrating Timing Research With Verbal Analyses**

CAROLYN BRAYKO and Ramona Houmanfar (University of Nevada, Reno)

## #121 Symposium

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5:00 pm–5:50 pm

Convention Center Mile High Ballroom 3A

VRB; Applied Research

BACB CE Offered. CE Instructor: M. Alice Shillingsburg, Ph.D.

### **VB-SIG Student Group Event: Evaluating Procedures to Develop Echoics, Intraverbals and Problem Solving Strategies**

Chair: M. Alice Shillingsburg (Marcus Autism Center, Emory University School of Medicine)

#### **A Comparison of Differential and Nondifferential Reinforcement During Intraverbal Training for a Child With Autism**

TYLA M. FREWING (University of British Columbia), Laura L. Grow (California State University, Fresno), and Sarah J. Pastrana (University of British Columbia)

#### **Teaching Echoics: A Review of the Literature**

ALLISON PARKER and Tina Sidener (Caldwell University) and Barbara E. Esch (Esch Behavior Consultants, LLC)

#### **A Preliminary Investigation of How to Teach and Measure Problem Solving**

AWAB ABDEL-JALIL, Andrew R. Kieta, and Traci M. Cihon (University of North Texas)

## #122 Presidential Scholar's Address

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6:00 pm–6:50 pm

Convention Center Four Seasons Ballroom 2-4 (Plenary)

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BACB/PSY/QABA CE Offered. CE Instructor: M. Jackson Marr, Ph.D.

### **Psychological Research to Guide Technology Design That Supports Successful Aging**

Chair: M. Jackson Marr (Georgia Tech)

WENDY ROGERS (Georgia Institute of Technology)



Dr. Rogers is the Khan Professor of Applied Health Sciences at the University of Illinois Urbana-Champaign. She received her B.A. from the University of Massachusetts - Dartmouth, and her M.S. and Ph.D. from the Georgia Institute of Technology. She is a Certified Human Factors Professional (BCPE Certificate #1539). Dr. Rogers is the Director of the Human Factors and Aging Laboratory and her research includes design for aging, technology acceptance, human-automation interaction, aging-in-place, human-robot interaction, cognitive aging, and skill acquisition and training. Dr. Rogers is a fellow of the Human Factors and Ergonomics Society, the Gerontological Society of America, and the American Psychological Association. She is past editor of the *Journal of Experimental Psychology: Applied* and currently serves as the Chief Editorial Advisor for APA.

**Abstract:** The Human Factors and Aging Laboratory ([www.hfaging.org](http://www.hfaging.org)) is specifically oriented toward psychological science that supports successful aging. Our research does not emphasize loss of function associated with aging; rather, we wish to understand how to enable older adults to retain and enhance their ability to function in later life. Our research efforts are conducted within the framework of human factors psychology and we strive to apply that scientific knowledge to better design products, environments, and training. There is much potential for technology to enable older adults to age successfully. In this presentation I will provide an overview of the needs, capabilities, preferences, and limitations of older adults as well as the role of human factors research for technology design. I will then discuss our research on the design of technologies with examples ranging from mobile apps to personal robots. Central to my presentation will be a focus on research questions, methods, and areas of application.

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**#123 Business Meeting**

7:00 pm–7:50 pm  
Convention Center Mile High Ballroom 2B

**Cambridge Center Exceptional Student Group**

Chair: Joshua K. Pritchard (Florida Institute of Technology)

Meeting for the exceptional student group and board of trustee members of the Cambridge Center to review the year's work, plan for the next, welcome new members, and meet the trustees of the Cambridge Center.

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**#124 Business Meeting**

7:00 pm–7:50 pm  
Convention Center Mile High Ballroom 3A

**ABAI Science Board Business Meeting**

Chair: M. Christopher Newland (Auburn University)

Business meeting for the ABAI Science Board.

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**#125 Business Meeting**

7:00 pm–7:50 pm  
Convention Center Mile High Ballroom 4E/F

**Louisiana Behavior Analysis Association**

Chair: Derek Jacob Shanman (Nicholls State University)

Meeting of the Louisiana Chapter to discuss LaBAA business.

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**#126 Business Meeting**

7:00 pm–7:50 pm  
Convention Center Mile High Ballroom 3B

**Theoretical, Philosophical, and Conceptual Issues Special Interest Group**

Chair: William M. Baum (University of California, Davis)

This is the annual meeting for the TPC-SIG members and interested members. We will discuss current initiatives and review past initiatives. Those who are interested in participating in TPC-SIG work are strongly encouraged to attend.

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**#126a Business Meeting**

7:00 pm–7:50 pm  
Convention Center Mile High Ballroom 3B

**Theoretical, Philosophical, and Conceptual Issues Special Interest Group**

Chair: Marlene J. Cohen (Brain Waves Learning Lab)

The Translational Research SIG's purpose foster discussion and encourage engagement in translational research in the field of applied behavior analysis. This will be our inaugural meeting. The SIG's first formal meeting will include a vote for officers and the development of goals for our group.

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**#127 Business Meeting**

7:00 pm–7:50 pm  
Convention Center Mile High Ballroom 4E/F

**Translational Research SIG Business Meeting**

Chair: Julia H. Fiebig (ABA Global Initiatives; Ball State University)

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.

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**#128 Business Meeting**

7:00 pm–7:50 pm  
Convention Center 403/404

**Multicultural Alliance of Behavior Analysts Annual Meeting**

Chair: Elizabeth Hughes Fong (Saint Joseph's University)

Annual business meeting for the Multicultural Alliance of Behavior Analysts special interest group.

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**#129 Business Meeting**

7:00 pm–7:50 pm  
Convention Center Mile High Ballroom 3C

**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.

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**#130 Business Meeting**

7:00 pm–7:50 pm  
Convention Center 406/407

**Ethics and Behavior Analysis Special Interest Group**

Chair: Matthew T. Brodhead (Michigan State University)

Please join us for the annual Ethics and Behavior Analysis Special Interest Group (EBA SIG) business meeting. We especially encourage non-members who are interested in joining the EBA SIG to attend.

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**#131 Business Meeting**

7:00 pm–7:50 pm  
Convention Center Mile High Ballroom 1A/B

**ABAI Student Committee Business Meeting**

Chair: Christina M. Peters (University of Nevada, Reno)

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 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., awards, events, and dissemination).

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**#132 Business Meeting**

7:00 pm–7:50 pm  
Convention Center Mile High Ballroom 1C/D

**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.

Saturday, May 27

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### **#133 Business Meeting**

7:00 pm–7:50 pm  
Convention Center 405

#### **Nevada Association for Behavior Analysis**

Chair: Jared A. Chase (Chrysalis, Inc.)

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 Nevada Association for Behavior Analysis and those who are interested in joining!

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### **#134 Business Meeting**

7:00 pm–7:50 pm  
Convention Center Mile High Ballroom 4A/B

#### **New U.S. Program Accreditation With the Behavior Analysis Accreditation Board**

Chair: Erick M. Dubuque (Behavior Analysis Accreditation Board)

This is an open meeting to disseminate information to U.S. programs interested in pursuing accreditation.

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### **#135 Business Meeting**

7:00 pm–7:50 pm  
Convention Center Mile High Ballroom 1E/F

#### **Behavior Analysis and Technology Special Interest Group**

Chair: Zachary H. Morford (Koan School)

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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### **#136 Business Meeting**

7:00 pm–7:50 pm  
Convention Center Mile High Ballroom 2A

#### ***The Behavior Analyst* Editorial Board and Authors**

Chair: Donald A. Hantula (Temple University)

All members of *The Behavior Analyst's* editorial board and interested authors are invited to attend this meeting.

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### **#137 Business Meeting**

7:00 pm–7:50 pm  
Convention Center 301

#### **Hawai'i ABA Business Meeting**

Chair: Kristen E. Koba-Burd (Hawaii Association for Behavior Analysis)

This is the annual business meeting of the Hawai'i ABA chapter. The meeting will review updates on current chapter activities, status of behavior analytic services in the islands, updates on public policy initiatives, and continuing education events.

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### **#138 Business Meeting**

7:00 pm–7:50 pm  
Convention Center 304

#### **Behavioral Medicine SIG Annual Business Meeting**

Chair: Gretchen A. Dittrich (Simmons College)

The Behavioral Medicine SIG of ABA-I 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.

## #139 ABAI Expo: Behavior Analysis Accreditation Board Accredited Programs

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8:00 pm–10:00 pm

Convention Center, Exhibit Hall D

**1. Behavior Analysis Accreditation Board** ERICK M. DUBUQUE and Michael Perone (Behavior Analysis Accreditation Board)

**1a. ABAI Accredited Graduate Programs at The Ohio State University** SHEILA R. ALBER-MORGAN (The Ohio State University), Nancy A. Neef (The Ohio State University), Helen I. Cannella-Malone (The Ohio State University), Ralph Gardner III (The Ohio State University), Moira Konrad (The Ohio State University), Matthew Brock (The Ohio State University)

**1. ABAI Accredited Graduate Programs at The Ohio State University** SHEILA R. ALBER-MORGAN, Nancy A. Neef, Helen I. Cannella-Malone, Ralph Gardner III, Moira Konrad, and Matthew Brock (The Ohio State University)

**2. An ABAI Accredited Graduate Training Program at McNeese State University** JOSEPH HACKER (McNeese State University)

**3. Applied Behavior Analysis at California State University Los Angeles** MICHELE D. WALLACE (California State University, Los Angeles)

**4. Applied Behavior Analysis at St. Cloud State University** KIMBERLY A. SCHULZE, Eric Rudrud, Benjamin N. Witts, Edward Justin Page, and Michele R. Traub (St. Cloud State University)

**5. Applied Behavior Analysis Programs at the University of South Florida** RAYMOND G. MILTENBERGER (University of South Florida)

**6. Behavior Analysis at Queens College and the Graduate Center, City University of New York** EMILY A. JONES, Robert N. Lanson, Alexandra W. Logue, Robert Ranaldi, Daniel Mark Fienu, Alicia M. Alvero, Bertram O. Ploog, and Peter Sturmey (Queens College, The Graduate Center, City University of New York)

**7. Behavior Analysis at the Florida Institute of Technology** JOSE A. MARTINEZ-DIAZ (Florida Institute of Technology; ABA Tech) and David A. Wilder, Joshua K. Pritchard, Christopher A. Podlesnik, Nicole Gravina, Ada C. Harvey, Katie Nicholson, and Elbert Blakely (Florida Institute of Technology)

**8. Behavior Analysis at the University of Houston-Clear Lake** DESIREE DAWSON, Leah Smith, Kelsey Campbell, Jennifer N. Fritz, Sarah A. Lechago, and Dorothea C. Lerman (University of Houston-Clear Lake)

**9. Behavior Analysis Ph.D. Program at West Virginia University** KAREN G. ANDERSON, Regina A. Carroll, Kennon Andy Lattal, Michael Perone, Lucie Romano, Claire C. St. Peter, and Forrest Toegel (West Virginia University)

**10. Department of Applied Behavioral Science at The University of Kansas** EDWARD K. MORRIS, Florence D. DiGennaro Reed, and Jomella Watson-Thompson (The University of Kansas)

**11. Florida State University, Panama City Master's Program in Applied Behavior Analysis** HARRY ALLEN MURPHY (Florida State University, Panama City), Jon S. Bailey (Florida State University), and Amy S. Polick (Florida State University, Panama City)

**12. Graduate Training in the Department of Behavior Analysis at the University of North Texas** Jesus Rosales-Ruiz, RICHARD G. SMITH, Manish Vaidya, Shahla Ala'i-Rosales, Traci M. Cihon, Karen A. Toussaint, Einar T. Ingvarsson, and Daniele Ortu (University of North Texas)

**13. Master's Program at Jacksonville State University in Alabama** PAIGE M. MCKERCHAR, Makenzie Williams Bayles, Jennifer Lynne Bruzek, Todd L. McKerchar, and William L. Palya (Jacksonville State University)

**14. Masters and Doctoral Training in Behavior Analysis On and Off Campus at Southern Illinois University** ERICA JOWETT HIRST, Mark R. Dixon, RuthAnne Rehfeldt, Ryan N. Redner, Michael E. May, and Jason M. Hirst (Southern Illinois University)

**15. The Behavior Analysis Program at Simmons College** RUSSELL W. MAGUIRE (Simmons College)

**16. The Master of Arts in Applied Behavior Analysis at Caldwell University** JASON C. VLADESCU, April N. Kisamore, Ruth M. DeBar, Tina Sidener, Sharon A. Reeve, and Kenneth F. Reeve (Caldwell University)

**17. 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)

Saturday, May 27

**18. University of Maryland, Baltimore County Applied Behavior Analysis Track** JOHN C. BORRERO and Jolene R. Sy (University of Maryland, Baltimore County) and Carrie S. W. Borrero and Nicole Lynn Hausman (Kennedy Krieger Institute)

**19. University of Nebraska Medical Center's Munroe-Meyer Institute: Doctoral Training in Applied Behavior Analysis** CHRISTY WILLIAMS, Wayne W. Fisher, Nicole M. Rodriguez, William J. Higgins, Keith D. Allen, Cathleen C. Piazza, Kevin C. Luczynski, and Mark D. Shriver (University of Nebraska Medical Center's Munroe-Meyer Institute)

**20. 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)

**21. University of Nevada, Reno Satellite Programs in Behavior Analysis** LINDA J. PARROTT HAYES and Christina M. Peters (University of Nevada, Reno)

**22. Western Michigan University: ABAl Accredited MA and Ph.D. Programs in Behavior Analysis** CYNTHIA J. PIETRAS, Stephanie M. Peterson, Jessica E. Frieder, Richard Wayne Fuqua, Ron Van Houten, and Anthony DeFulio (Western Michigan University)

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#### #140 ABAI Expo: Behavior Analysis Training Programs

8:00 pm–10:00 pm

Convention Center, Exhibit Hall D

**23. Western Michigan University's Behavior Analysis Training System** RICHARD W. MALOTT (Western Michigan University)

**24. Industrial Organizational Behavior Management Graduate Programs at Western Michigan University** HEATHER M. MCGEE, Alyce M. Dickinson, and Douglas A. Johnson (Western Michigan University)

**25. ABA @ UTSA** LEE L. MASON, Leslie Neely, and Alonzo Alfredo Andrews (The University of Texas at San Antonio)

**26. Applied Behavior Analysis at Assumption College** KAREN M. LIONELLO-DENOLF (Assumption College)

**27. Applied Behavior Analysis at Missouri State University** Megan A. Boyle, MICHAEL C. CLAYTON, Linda G. Garrison-Kane, D. Wayne Mitchell, and Ann D. Rost (Missouri State University)

**28. Applied Behavior Analysis at The Chicago School of Professional Psychology, Chicago Campus** ASHLEY WHITTINGTON-BARNISH, Ashley E. Bennett, John W. Eshleman, Joshua Garner, Shannon Ormandy, and Ashley Anderson (The Chicago School of Professional Psychology) and Fawna Stockwell (Upswing Advocates; The Chicago School of Professional Psychology)

**29. Applied Behavior Analysis at the University of Arkansas** ALISON KARNES and Elizabeth R. Lorah (University of Arkansas)

**30. Applied Behavior Analysis at the University of Washington** ILENE S. SCHWARTZ, Nancy Rosenberg, Scott A. Spaulding, Carol Ann Davis, Kathleen Meeker, and Natalie Badgett (University of Washington)

**31. Applied Behavior Analysis in Special Education at the University of Utah** ROBERT E. O'NEILL (Department of Special Education, University of Utah)

**32. Applied Behavior Analysis Master's Program: University of the Pacific** Matthew P. Normand, Mahshid Ghaemmaghami, Corey S. Stocco, Carolyn S. Kohn, and HOLLY AYN WHITE (University of the Pacific)

**33. Applied Behavior Analysis Program at Fresno State** MARIANNE L. JACKSON, Sharlet D. Rafacz, Steven W. Payne, Laura L. Grow, Jonpaul D. Moschella, and Criss Wilhite (California State University, Fresno)

**34. Applied Behavior Analysis Specialization in the Disability Disciplines Doctoral Program at Utah State University** THOMAS S. HIGBEE, Timothy A. Slocum, Robert L. Morgan, Tyra P. Sellers, and Sarah E. Pinkelman (Utah State University)

**35. Applied Behaviour Analysis at Western University, London Ontario** NICOLE M. NEIL and Eric Simard (University of Western Ontario)

**36. Bachelor of Arts and Post-Baccalaureate Diploma Programs in Applied Behaviour Analysis—Autism at Capilano University, Canada** RICHARD STOCK, Brenda Fossett, and Miriam Elfert (Capilano University)

**37. Behavior Analysis Graduate Programs at Long Island University—Post** JOHN C. NEILL (Long Island University)

**38. Behavior Analysis in Ireland. M.Sc./PhD Applied Behaviour Analysis, National University of Ireland, Galway** HELENA LYDON, Jennifer Holloway, and Geraldine Leader (National University of Ireland, Galway)

**39. Behavior Analysis Program at California State University, Sacramento** MEGAN R. HEINICKE, Caio F. Miguel, and Becky Penrod (California State University, Sacramento)

**40. Behavior Analysis Training Programs at Rowan University** DENISE KERTH, Mary Louise E. Kerwin, Michelle Ennis Soreth Soreth, Bethany R. Raiff, and Kimberly C. Kirby (Rowan University)

**41. Behaviour Analysis at the University of New England** ELIZABETH KYONKA, Lewis A. Bizo, and Andrew Talk (University of New England)

- 42. Briar Cliff University's Master of Science in Behavior Analysis** STEPHANIE A. HOOD and Todd W. Knealing (Briar Cliff University)
- 43. California State University, Northridge Master's of Science in Applied Behavior Analysis** ELLIE KAZEMI, Tara A. Fahmie, and Debra Berry Malmberg (California State University, Northridge)
- 44. Center for Applied Behavior Analysis at The Sage Colleges** CHERYL J. DAVIS (The Sage Colleges; SupervisorABA) and Benjamin C. Mauro (The Sage Colleges, Center for Applied Behavior Analysis)
- 45. Clinical Health or Pediatric School Psychology Doctoral Program With ABA Specialization at East Carolina University** JEANNIE A. GOLDEN and Katy Scott (East Carolina University)
- 46. Graduate Education in Behavior Analysis at California State University, Stanislaus** KATIE WISKOW, William F. Potter, and Bruce E. Hesse (California State University, Stanislaus)
- 47. Graduate Programs in Applied Behavior Analysis at Cambridge College** JOSEPH M. VEDORA (Evergreen Center), Robert K. Ross (Beacon ABA Services), and Robert F. Littleton Jr. (Evergreen Center)
- 48. Graduate Training in Behavior Analysis and Behavior Therapy at Eastern Michigan University** JAMES T. TODD, Caitlyn Sorensen, and Ambreen Shahabuddin (Eastern Michigan University)
- 49. Grand Valley State University's Applied Behavior Analysis Graduate Certificate and School Psychology Graduate Program** AMY L. MATTHEWS, Amy Campbell, and Jamie S. Owen-DeSchryver (Grand Valley State University)
- 50. Master of Arts in Applied Behavior Analysis and Clinical Science at Rollins College** APRIL MICHELE WILLIAMS, Sarah Slocum Freeman, and Stephanie L. Kincaid (Rollins College)
- 51. Master of Arts in Applied Behavior Analysis at William James College** RONALD LEE (William James College)
- 52. Michigan State University MA and Graduate Certificate Programs in Applied Behavior Analysis** MATTHEW T. BRODHEAD, Kate La Londe, Summer Ferreri, Marisa H Fisher, and Josh Plavnick (Michigan State University)
- 53. MS in Behavior Analysis at Salem State University** DARLENE E. CRONE-TODD (Salem State University)
- 54. Munroe-Meyer Institute and University of Nebraska Omaha Applied Behavior Analysis Graduate Training Program** CHRISTOPHER W ENGLER, Erin Howard, and Mark D. Shriver (University of Nebraska Medical Center's Munroe-Meyer Institute)
- 55. Online Campus—Applied Behavior Analysis at The Chicago School of Professional Psychology** ROBYN M. CATAGNUS (The Chicago School of Professional Psychology)
- 56. Pepperdine University MS in Behavioral Psychology** ADEL C. NAJDOWSKI (Pepperdine University)
- 57. Saint Louis University Applied Behavior Analysis Program** ALYSSA N. WILSON, Heather Lynn Lewis, and Ashley Marie Lugo (Saint Louis University)
- 58. Savannah State University** KATHERINE STEWART, Kimberly N. Frame, Amanda Mahoney, and Sherry L. Serdikoff (Savannah State University)
- 59. Science, Skinner, and Surf: Behavior Analysis at the University of North Carolina Wilmington** Connor Sheehan, Caroline Mueller, Elizabeth Gonzalez, Erika Winnie, Sydney Ball, Kelsey Leigh Van Boxel, and CHRISTINE E. HUGHES (University of North Carolina Wilmington)
- 60. Temple University Applied Behavior Analysis Graduate Training Programs** AMANDA GULD FISHER, Matthew Tincani, Donald A. Hantula, Saul Axelrod, Philip N. Hinline, and Shana E. Hornstein (Temple University)
- 61. The Chicago School of Professional Psychology, Los Angeles and Orange County** LESLIE A. MORRISON (The Chicago School of Professional Psychology, Los Angeles and Orange County) and Jennifer L. Beers, Eric L. Carlson, L. Fernando Guerrero, David Pyles, and Henry D. Schlinger (The Chicago School of Professional Psychology, Los Angeles)
- 62. The Ph.D. Program in Applied Behavior Analysis at Caldwell University** APRIL N. KISAMORE, Jason C. Vladescu, Ruth M. DeBar, Tina Sidener, Sharon A. Reeve, and Kenneth F. Reeve (Caldwell University)
- 63. University of Massachusetts Lowell Master of Science in Autism Studies and Graduate Certificate Programs** ROCIO ROSALES, Richard W. Serna, Rebecca A. Markovits, Doreen Arcus, Alice Frye, Ashleigh Hillier, and Richard Siegel (University of Massachusetts Lowell)
- 64. University of North Texas - Behavior Analysis Online** SCOTT SOLOMON and Brook B. Wheetley (University of North Texas)
- 65. 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)

## #141 ABAI Expo: ABAI Boards and Committees

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8:00 pm–10:00 pm  
Convention Center, Exhibit Hall D

**66. ABAI Publication Board** ANNA I. PETURSDOTTIR (Texas Christian University), Donald A. Hantula (Temple University), James E. Carr (Behavior Analyst Certification Board) and Mark R. Dixon and RuthAnne Rehfeldt (Southern Illinois University)

**67. ABAI Science Board** M. CHRISTOPHER NEWLAND (Auburn University)

**68. ABAI Student Committee Poster and Outreach Table** CHRISTINA M. PETERS (University of Nevada, Reno), Lorraine A. Becerra (Utah State University), and Kenneth W. Jacobs (University of Nevada, Reno)

**69. Behavior Analysis Accreditation Board** ERICK M. DUBUQUE and Michael Perone (Behavior Analysis Accreditation Board)

**70. The Membership Board of the Association for Behavior Analysis International** WENDY DONLIN WASHINGTON WASHINGTON (University of North Carolina Wilmington)

**71. ABAI Affiliated Chapters Board** STEVEN WOOLF (Beacon ABA Services)

## #142 ABAI Expo: Associate Chapters

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8:00 pm–10:00 pm  
Convention Center, Exhibit Hall D

**72. The Israeli Applied Behavior Analysis Associate Chapter** EITAN ELDAR and Michal Hirschmann (Kibbutzim College) and Einav Cohen (Israeli ABA)

**73. Illinois Association for Behavior Analysis** Jordan Belisle (Southern Illinois University) and AUTUMN N. MCKEEL (Aurora University)

## #143 ABAI Expo: Affiliate Chapters

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8:00 pm–10:00 pm  
Convention Center, Exhibit Hall D

**74. ABAI Delegation to India** RAZIA ALI, Tasneem Hegde, Vidushi Sharma (ABA of India); Sridhar Aravamudhan (Behavior Momentum India); and Smita Awasthi (ABA of India)

**75. Alabama Association for Behavior Analysis** PAIGE M. MCKERCHAR (Jacksonville State University), Sacha T. Pence (Auburn University), April L. Rapp (The Learning Tree), and Makenzie Williams Bayles (Jacksonville State University)

**76. Arkansas ABA** SHEILA BARNES (NASP)

**77. Association for Behaviour Analysis Australia** ALAYNA T. HABERLIN (Momentum Learning Services)

**78. Behavior Analysis Association of Michigan** JAMES T. TODD, Ambreen Shahabuddin, Caitlyn Sorensen, Morgan Wright, and Holly Haslam (Eastern Michigan University)

**79. Behavior Analysis Association of Mississippi** NEELIMA DUNCAN (Behavior Analysis Association of Mississippi)

**80. British Columbia Association of Behaviour Analysis** EMILY J. KEATS (British Columbia Association of Behavior Analysis)

**81. California Association for Behavior Analysis** MATT MCALEAR (California Association for Behavior Analysis)

**82. Colorado Association for Behavior Analysis** TRAVIS BLEVINS (Behavior Services of the Rockies) and James E. Carr (Behavior Analyst Certification Board)

**83. Connecticut Association for Behavior Analysis** KAITLIN CORMIER (Beacon ABA Services of CT)

**84. Delaware Association for Behavior Analysis** KAORI G. NEPO (Autism Life Support)

**85. Four Corners Association for Behavior Analysis** MICHELE BISHOP (Devereux Arizona)

**86. Georgia Association for Behavior Analysis** MINDY CHRISTINE SCHEITHAUER (Marcus Autism Center)

**87. Hawai'i Association for Behavior Analysis** KRISTEN E. KOBABURDT, Johanna Taylor, and Kathleen Penland (Hawai'i ABA)

**88. Heartland Association for Behavior Analysis** Amber R. Paden, William J. Higgins, Kevin C. Luczynski, Jessica Niemeier, Victoria Smith, and AMANDA ZANGRILLO (University of Nebraska Medical

Center's Munroe-Meyer Institute) and Steven L. Taylor (Glenwood Resource Center)

**89. Icelandic Association for Behavior Analysis 2004–2017** ASA INGIMARSDOTTIR (Reykjavik City-Klettaskóli), Hanna Steinunn Steingrimsdóttir (Oslo and Akershus University College of Applied Sciences), Zuilma Gabriela Gabriela Sigurdardóttir (University of Iceland), Berglind Sveinbjörnsdóttir (Reykjavik University), and Holmfrídur Ósk Arnalds and Kristín Arnaldsdóttir (ICEABA)

**90. Iowa ABA** Maria G. Valdovinos (Drake University), Brenda J. Bassingthwaite (University of Iowa Children's Hospital), and JESSE LOGUE (Opportunity Village Children's Autism Center)

**91. Japanese Association for Behavior Analysis** SATORU SHIMAMUNE (Hosei University)

**92. Kansas Association for Behavior Analysis** EDWARD K. MORRIS (The University of Kansas), Linda S. Heitzman-Powell and Jill M. Koertner (The University of Kansas Medical Center), Jessica Foster Juanico (The University of Kansas), Sarah C. Mead (University of Florida), Nanette L. Perrin and Kelley L. Harrison (The University of Kansas), and Tyler Re (Partners in Behavioral Milestones)

**93. Kentucky Association for Behavior Analysis** ERICK M. DUBUQUE (University of Louisville), Brandon M Franklin (Clinical Behavior Analysis), and Stephen Foreman (Lee Specialty Clinic)

**94. Lone Star Association for Behavior Analysis** CHRISTIE ENZINNA (Therapy and Beyond, LLC) and Gerald E. Harris (Texas Young Autism Project)

**95. Louisiana Behavior Analysis Association** DEREK JACOB SHANMAN (Nicholls State University)

**96. Manitoba Association for Behaviour Analysis** MORENA MILJKOVIC and Karli Pedreira (University of Manitoba)

**97. Massachusetts Association for Applied Behavior Analysis** STEVEN WOLF (Beacon ABA Services) and Joseph M. Vedora (Evergreen Center)

**98. Mexican Society for Behavior Analysis and *Mexican Journal of Behavior Analysis*** ROGELIO ESCOBAR, Rodrigo Benavides, and Katya Quiñones (National Autonomous University of Mexico)

**99. Mid-American Association for Behavior Analysis** JULIE A. ACKERLUND BRANDT (The Chicago School of Professional Psychology), Carla H. Lagorio (University of Wisconsin-Eau Claire), Jeffrey H. Tiger (University of Wisconsin-Milwaukee), Andrew E. Brandt (Ohio Wesleyan University), Stephen F. Walker (Aurora University), SungWoo Kahng (University of Missouri), Alyssa N. Wilson (Saint Louis University), and Alec Bernstein (The University of Kansas)

**100. Minnesota Northland Association for Behavior Analysis** TRISTA LINN (Minnesota Northland Association for Behavior Analysis)

**101. Nevada Association for Behavior Analysis** JARED A. CHASE (Chrysalis, Inc.), Christy Fuller (Advanced Child Behavior Solutions, LLC), Shari Daisy (The Chicago School of Professional Psychology, Los Angeles), and Alison Szarko (University of Nevada, Reno)

**102. New Hampshire ABA** KIM M. KELLY and Le'Ann Milinder (The Institute of Professional Practice, Inc.) and Jocelyn Hampoian (Windham Public Schools)

**103. New York State Association for Behavior Analysis** FRANK R. CICERO (Seton Hall University) and Dana R. Reinecke (Long Island University Post)

**104. North Carolina Association for Behavior Analysis** Whitney Luffman (Autism Society of North Carolina), Melanie H. Bachmeyer (University of North Carolina Wilmington), Alleta Johnson (ABC of NC Child Development Center), Leigh Ann Strain (Carolina Center for ABA and Autism Treatment), Nancy Poteet (private practice), Erica Brown (Carolina Center for ABA), Chelsi Brosh (University of North Carolina Charlotte), and R. M. "DUKE" SCHELL (J. Iverson Riddle Developmental Center)

**105. Norwegian ABA** MONICA VANDBAKK (Norwegian ABA; Oslo and Akershus University College), Jon Arne Løkke (Ostfold University College), and Erik Arntzen (Oslo and Akershus University College of Applied Sciences)

**106. Ontario Association for Behaviour Analysis** LOUIS PAUL ALEXANDER BUSCH (Centre for Addictions and Mental Health)

**107. Oregon Association for Behavior Analysis** EMILY KEARNEY (Oregon ABA), Alice A. Keyl Austin (AKA Consulting, LLC), Maria Lynn Kessler (Oregon Institute of Technology), Jennifer L. Bass (Oregon ABA), Sarah Cooper (Oregon ABA; Victory Academy), Melissa J. Gard (Building Bridges; Oregon ABA), and Jenny Fisher (Cascade Behavioral Intervention; Oregon ABA)

**108. Philadelphia Metropolitan Association for Behavior Analysis** AMANDA GULD FISHER (Temple University), Beth J. Rosenwasser (Philadelphia FIGHT JCHA), Donald A. Hantula (Temple University), and Arthur Dowdy

**109. Quebec Association for Behaviour Analysis** MALENA ARGUMEDES and Marie-Michèle Dufour (Université de Montréal)

**110. Southeastern Association for Behavior Analysis** SHERRY L. SERDIKOFF (Savannah State University), Christy A. Alligood (Disney's Animal Kingdom and Florida Institute of Technology), Karen G. Anderson (West Virginia University), and Kim Kimberly Epting (Elon University)

**111. Swedish Association for Behavior Analysis** DAG STROMBERG (Autism Center for Young Children, Stockholm)

**112. The Atlantic Provinces Association for Behaviour Analysis: Building Upward, Reaching Outward: A Unique Study in Collaboration and Dissemination** SHELLEY MCLEAN (Atlantic Provinces Special Education Authority), Marlene Breitenbach (private consultant), Isabelle Cowan and Sheri Gallant (New Brunswick Department of Education & Early Childhood Development), Juliana McLean (Autism Intervention Services Inc.), Emily Forestell (New Brunswick Department of Education & Early Childhood Development), and Tracy Miller (Prince Edward Island Department of Education, Early Learning & Culture)

**113. Utah Association for Behavior Analysis** JUSTIN NAYLOR (Utah ABA; Affinity) and Shawnee D. Collins (Utah ABA; Chrysalis)

**114. Virginia Association for Behavior Analysis** AUTUMN KAUFMAN (Commonwealth Autism) and Christine Evanko (Virginia ABA)

**115. WisABA Wisconsin Association for Behavior Analysis** MATTHEW E. ANDRZEJEWSKI (University of Wisconsin-Whitewater)

**116. Teaching Pronouns to Individuals With Autism** Barry D. Morgenstern (Institute of Professional Practice) and KAITLIN GRACE CAUSIN and Jaimie Weinlein (Attentive Behavior Care, Inc.)

#### #144 ABAI Expo: Special Interest Groups

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8:00 pm–10:00 pm

Convention Center, Exhibit Hall D

**117. ABAI Crime and Delinquency Special Interest Group** W. JOSEPH WYATT (Marshall University) and Kelly McElrath (St. Joseph's University)

**118. ABAI Health, Sports and Fitness Special Interest Group** GABRIELLE TRAPENBERG TORRES (Behavior Basics LLC)

**119. Applied Animal Behavior Special Interest Group** KATHRYN L. KALAFUT (Antioch College) and Lindsay Renee Mehrkam (Oregon State University)

**120. Behavior Analysis and Technology Special Interest Group** ZACHARY H. MORFORD (Koan School), Cody Morris (Western Michigan University), Lisa M Stedman-Falls (University of Florida), Denice Rios (Western Michigan University), and Melinda Sota (Freelance)

**121. Behavior Analysis for Sustainable Societies Special Interest Group** JULIA H. FIEBIG (ABA Global Initiatives; Ball State University)

**122. Behavioral Development Special Interest Group** PATRICE MARIE MILLER (Salem State University)

**123. Behavioral Medicine Special Interest Group of ABAI** GRETCHEN A. DITTRICH (Simmons College)

**124. Behaviorists for Social Responsibility** RICHARD F. RAKOS (Cleveland State University; Behaviorists for Social Responsibility), Traci M. Cihon (University of North Texas; Behaviorists for Social Responsibility), Kendra Combs (Great Lakes Center for Autism Treatment and Research; Behaviorists for Social Responsibility), Molli Luke (Behavior Analyst Certification Board; Behaviorists for Social Responsibility), Mark A. Mattaini (Jane Addams College of Social Work-University of Illinois at Chicago; Behaviorists for Social Responsibility), and Jomella Watson-Thompson (The University of Kansas; Behaviorists for Social Responsibility)

**125. Behavioral Gerontology Special Interest Group** TED ALLAIRE (Eastern Michigan University), Hanna Steinunn Steingrimsdottir (Oslo and Akershus University College of Applied Sciences), Christopher Walmsley (Humboldt State University), Allison A. Ilem (Spectrum Health Medical Group), and Claudia Drossel (Eastern Michigan University)

**127. Clinical Special Interest Group** THOMAS J. WALTZ (Eastern Michigan University) and Emily Thomas Johnson (Behavior Attention and Developmental Disabilities Consultants, LLC)

**128. Dissemination of Behavior Analysis Special Interest Group** MEGAN MILLER (Florida State University CARD; Navigation Behavioral Consulting), Melissa Engasser (The Bedrock Clinic & Research Center, Inc.), Ashley Fiorilli (Applied Behavior Consultants), Christine Evanko (Snowflakes ABA), Elizabeth G. Callahan (Caldwell University), and Amanda N. Kelly (BEHAVIORBABE)



**129. Ethics and Behavior Analysis Special Interest Group** MATTHEW T. BROADHEAD (Michigan State University) and Shawn P. Quigley (University of New Mexico Medical Group)

**130. Experimental Analysis of Human Behavior Special Interest Group** J. ADAM BENNETT (Western Michigan University), Manish Vaidya (University of North Texas), Kathryn M. Kestner (West Virginia University), and Yusuke Hayashi (Penn State University, Hazleton)

**131. Gambling Special Interest Group** Mack S. Costello (Rider University) and SETH W. WHITING (Central Michigan University)

**132. History of Behavior Analysis** EDWARD K. MORRIS (The University of Kansas), Todd L. McKechar (Jacksonville State University), Karen R. Wagner (Behavior Services of Brevard, Inc.; TheBehaviorAnalyst.com), and Pat Williams (University of Houston-Downtown)

**133. Multicultural Alliance of Behavior Analysts** ELIZABETH HUGHES FONG (Saint Joseph's University)

**134. Neuroscience SIG: Your Brain on Behavior** SUZANNE H. MITCHELL (Oregon Health & Science University)

**135. Organizational Behavior Management Network** HEATHER M. MCGEE (Western Michigan University; Organizational Behavior Management Network) and Manuel Rodriguez (ABA Technologies, Inc.)

**136. Positive Behavior Support Special Interest Group** ROSE IOVANNONE (University of South Florida; Florida Center for Inclusive Communities) and Robert F. Putnam (The May Institute)

**137. Practitioner Issues in Behavior Analysis** MICHAEL WEINBERG (Orlando Behavior Health Services, LLC)

**138. Rehabilitation and Independent Living Special Interest Group** CHRIS PERSEL (Centre for Neuro Skills)

**139. Sexual Behavior: Research and Practice Special Interest Group** WORNOR LELAND (Upswing Advocates), Roxanne Michel Bristol (ABC Group Hawai'i), and Janani Vaidya (Garden Center Services)

**140. Speech Pathology and Applied Behavior Analysis Special Interest Group** NIKIA DOWER (Dower and Associates, Inc.), Tracie L. Lindblad (Monarch House), Barbara E. Esch (Esch Behavior Consultants, LLC), Landa L. Mark (Monarch House), Amber Valentino (Trumpet Behavioral Health - Monterey Bay), Lina M. Slim-Topdjian (ASAP-A Step Ahead Program, LLC), and Heather Forbes (PaTTAN)

**141. Standard Celeration Society** KENT JOHNSON (Morningside Academy)

**142. Teaching Behavior Analysis Special Interest Group** KIRA AUSTIN (Whitworth University)

**143. The Military and ABA: Coming Full Circle** ABIGAIL B. CALKIN (Calkin Consulting Center) and Kent A. Corso (NCR Behavioral Health, LLC)

**144. Theoretical, Philosophical, and Conceptual Issues SIG** WILLIAM M. BAUM (University of California, Davis), Benjamin N. Witts (St. Cloud State University), Todd A. Ward (bSci21 Media, LLC), and Naomi Homayouni (California State University, Northridge)

**145. Verbal Behavior Special Interest Group** JUDAH B. AXE (Simmons College); April N. Kisamore, Tina Sidener, and Jason C. Vladescu (Caldwell University); M. Alice Shillingsburg (Marcus Autism Center, Emory University School of Medicine); Rocio Rosales (University of Massachusetts Lowell); Amber Valentino (Trumpet Behavioral Health - Monterey Bay); and Amanda P. Laprime (Center for Children with Special Needs and Northeastern University)

#### #145 ABAI Expo

8:00 pm–10:00 pm  
Convention Center, Exhibit Hall D

**146. Association for Science in Autism Treatment** DAVID A. CELIBERTI (Association for Science in Autism Treatment)

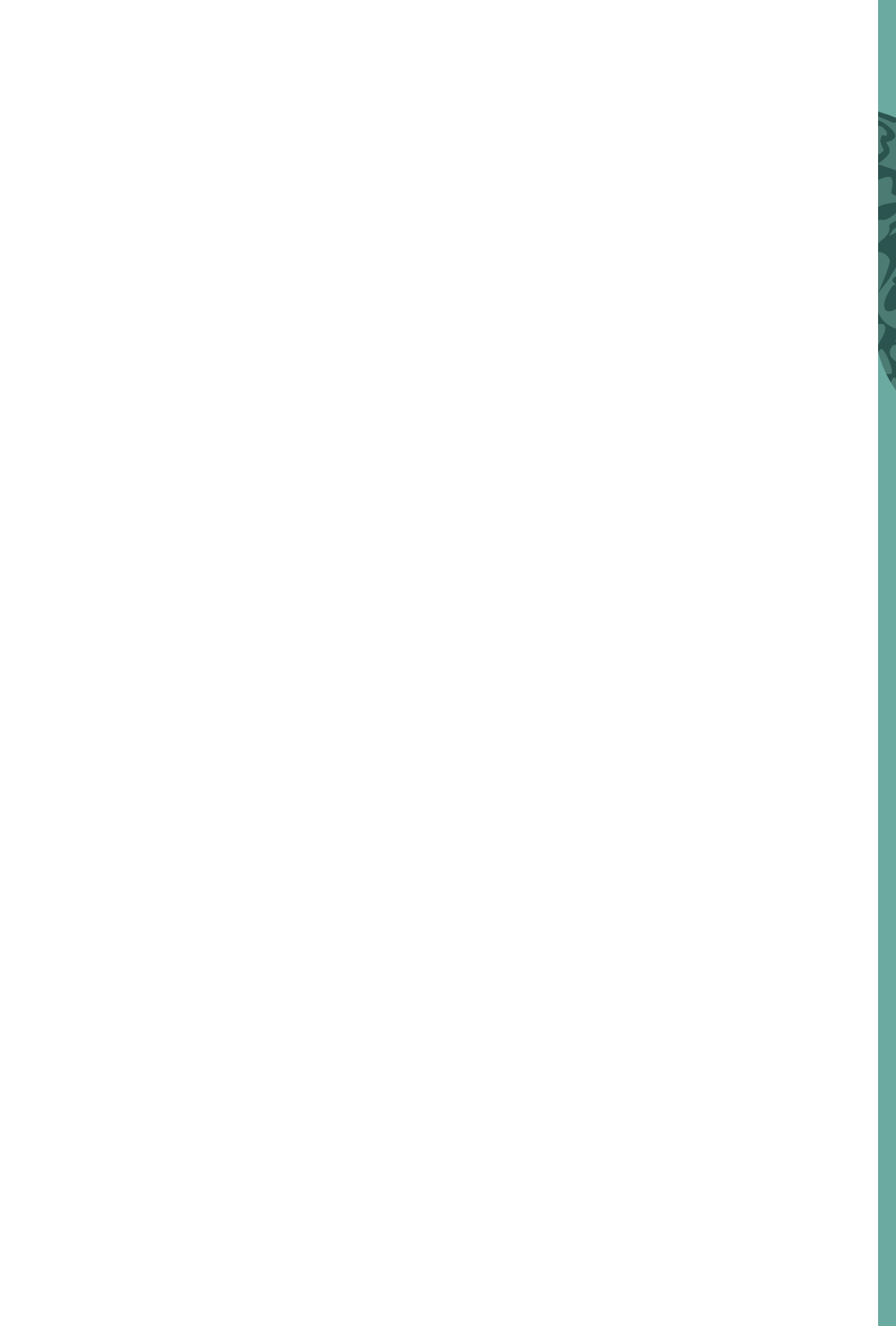
**147. Autism Home Support Services** JANA M. SARNO (Autism Home Support Services)

**148. Autism Society of North Carolina: Career and Training Opportunities** ERICA BROWN and Whitney Sukonick (Autism Society of North Carolina), Louise B. Southern (North Carolina State University), and Alexander Myers (Autism Society of North Carolina)

**149. European Association for Behaviour Analysis** ROBERT C. MELLON (Panteion University of Social and Political Sciences, Athens), Zuilma Gabriela Gabriela Sigurdardottir (University of Iceland), Karola Dillenburger (Queen's University Belfast), Christoph F. Boerdlein (University of Applied Sciences Wuerzburg), Torunn Lian (Oslo and Akershus University College of Applied Sciences), and Christos Nikopoulos (Autism Consultancy Services, London)

**150. Positive Behavior Support-Nevada Aging Services** Ashley Eden Greenwald, BRIGHID H. FRONAPFEL, Christine O'Flaherty, and Donald A. Jackson Jackson Jackson (University of Nevada, Reno)





# DENVER2017

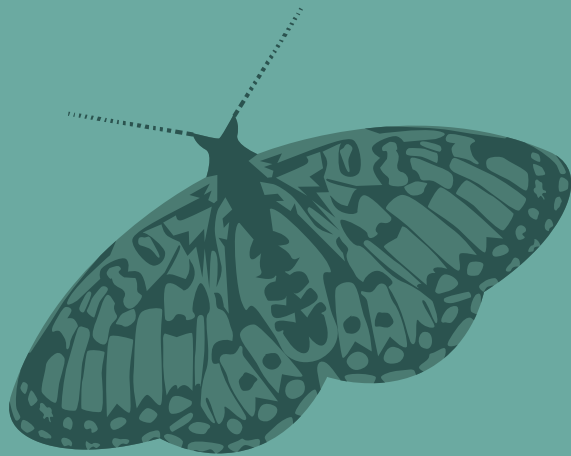
Sunday, May 28

Day Schedule

Business Meetings

Sessions

Reunions and Receptions



# Hyatt Regency Denver; Sunday, 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
Level 3	Centennial Ballroom A																		
	Centennial Ballroom B					#180 EAB Ch: Frye				#211 EAB Ch: Locey		#237 EAB Ch: Rasmussen							
	Centennial Ballroom C																		
	Centennial Ballroom D							#192 EAB Pope ††		#212 EAB Elliffe ††		#238 EAB Baum ††							
	Centennial Ballroom E					#179 EAB Ch: Kimball †				#224 EAB Ch: Whirtley †									
	Centennial Ballroom F					#171 PCH Ch: Barbara †		#196 PCH Ch: Calvin		#226 PCH Ch: Moore									
	Centennial Ballroom G																		
	Centennial Ballroom H									#202 BPN Ch: Devoto †		#230 AAB Ch: Segura †							
	Mineral Hall A					#170 OBM Ch: Adhikari †		#195 OBM Smith ††				#236 CSS Wilhite †							
	Mineral Hall B																		
	Mineral Hall C																		
	Mineral Hall D																		
	Mineral Hall E																		
	Mineral Hall F																		
	Mineral Hall G																		
	Agate A																		
	Agate B																		
Agate C																			
Granite A													#240 OBM Ch: Alverson						
Granite B																			
Granite C																			
Quartz A																			
Quartz B																			
Level 4	Capitol Ballroom 1					#168 DEV Ch: Pachis				#210 DEV † Ch: Glodowski									
	Capitol Ballroom 2																		
	Capitol Ballroom 3																		
	Capitol Ballroom 4					#164 CBM Ch: Torabian †		#190 CBM Ch: Harrison †		#208 CBM Ch: Borges †		#234 CBM Ch: Hine							
	Capitol Ballroom 5					#176 CBM Ch: Kirby †				#207 CBM Ch: Perkins †		#235 CBM † Ch: Summers							
	Capitol Ballroom 6																		
	Capitol Ballroom 7																		
	Marble																		
	Sandstone																		
	Limestone																		

## Hyatt Regency Denver; Sunday, 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	
										#358 Beacon								Centennial Ballroom A
#266 EAB Ch: Sweeney		#293 EAB Ch: Glenn		#320 EAB Ch: Sofis						#352 Western Michigan University								Centennial Ballroom B
																		Centennial Ballroom C
#275 SCI Hantula †‡				#313 PCH Gilbert ‡		#332 PCH Blampied †‡				#366 The University of Kansas								Centennial Ballroom D
#267 EAB Ch: Bell-Garrison				#319 EAB Ch: Higbee †						#366a University of Florida								Centennial Ballroom E
#271 PCH Ch: Holth		#301 PCH Ch: Clavijo Alvarez				#331 PCH Daley				#365 Friends of SABA								Centennial Ballroom F
																		Centennial Ballroom G
#278 BPN Ch: Berry										#359 University of Nevada, Reno								Centennial Ballroom H
#279 CSS Ch: Edwards †				#308 CSS Ch: William †		#325 CSS Ch: Zey				#351 Texas State University								Mineral Hall A
										#353 Sage Colleges								Mineral Hall B
										#354 Utah State University								Mineral Hall C
#269 OBM Ch: Shayter †				#312 OBM Ch: Putnam †		#330 OBM Ch: Lund †				#355 Arizona State University								Mineral Hall D
										#356 St. Cloud University								Mineral Hall E
										#357 University of North Carolina Wilmington								Mineral Hall F
										#361 University of North Texas								Mineral Hall G
																		Agate A
																		Agate B
																		Agate C
#270 OBM Ch: Ward †		#300 OBM Ch: Ambro †																Granite A
																		Granite B
																		Granite C
																		Quartz A
																		Quartz B
																		Capitol Ballroom 1
		#292 DEV Catania †‡		#310 DEV Ch: Cao †						#364 Northeastern University								Capitol Ballroom 2
										#362 Rowan University								Capitol Ballroom 3
										#363 SPABA SIG								Capitol Ballroom 4
#263 CBM Ch: Golden †		#289 CBM † Ch: Miltenberger		#307 CBM Ch: Donnelly †														Capitol Ballroom 5
#264 CBM Ch: Gamble †		#299 CBM Ch: Busch †								#360 Columbia University Teachers College & CABAS®								Capitol Ballroom 6
										#350 Chicago School, B.F. Skinner Foundation, & Cambridge Center								Capitol Ballroom 7
										#350a Simmons College								Marble
																		Sandstone
																		Limestone

**LEGEND**

- = Special and Invited Events
- = Professional Development Series
- † = BACB CE
- ‡ = PSY CE
- Ch. = Chairperson

Level 3

Level 4

## Colorado Convention Center; Sunday, May 28

		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	
<b>Street Level</b>	301			#157 ABAI Pgm Brd. Mtg.																
	302																			
	303																			
	304			#151 JABA				#199 TBA Ch: Williams †				#244 TBA Ch: Barthold †								
	401/402			#153 WisABA		#174 TBA Ch: Moore †		#200 TBA Ch: Rowsey †		#219 TBA Marks †										
	403/404			#154 BAARTS SIG		#169 EDC † Ch: Strikeleather		#193 EDC Ch: Codding †		#213 EDC Ch: Marten †		#229 EDC Ch: Hollis								
	405			#155 Autism SIG		#158 EDC Ch: Kingsdorf		#194 EDC Ch: Doll		#225 EDC Ch: Robbins †										
	406/407			#148 BAAMS		#181 EDC Ch: Stevenson †						#239 EDC Ch: Sawyer †								
	501																			
	502																			
	503																			
	504																			
	505																			
	506																			
507																				
602					Interview room															
604					Interview room															
606					Interview room															
608					Interview room															
610					Interview room															
612																				
<b>Ballroom Level</b>	Mile High Ballroom 1AB			#146 Crime & Forensic SIG		#177 DDA Ch: Davis †				#223 DDA Ch: LeBlanc †										
	Mile High Ballroom 1CD					#167 DDA Ch: Miller †		#203 DDA Ch: Davton †												
	Mile High Ballroom 1EF					#182 PRA Ch: Wyatt †				#215 PRA Ch: Albright †§										
	Mile High Ballroom 2A			#150 PBS SIG		#183 PRA Ch: Hoffman				#214 PRA Ch: Conway †		#242 PRA Ch: Flora †								
	Mile High Ballroom 2B					#173 PRA Ch: Muldoon		#197 PRA Ch: Meindl †		#221 AUT Ch: Potter †§										
	Mile High Ballroom 2C			#147 BACB: ACS		#172 PRA Ch: O'Neill †		#198 PRA Ch: Bratcher †		#217 PRA Ch: Traub †		#243 PRA Ch: Chauvin †§								
	Mile High Ballroom 3A					#184 VRB Ch: Frampton †				#227 VRB Ch: Bergmann †										
	Mile High Ballroom 3B			#156 BACB: ACS China		#163 AUT Ch: Williams †		#187 AUT Ch: Kerth †		#205 AUT Ch: Verkuylen †		#228 AUT Ch: Michels								
	Mile High Ballroom 3C					#175 AUT Ch: Kim †				#220 AUT Ch: Sturmeijer †										
	Mile High Ballroom 4AB			#152 BAAB: Non-U.S. Poms		#161 AUT Ch: Lydon †		#189 AUT Ch: Szabo †		#206 AUT Ch: Alholait †		#233 AUT Ch: Rogers †								
	Mile High Ballroom 4CD					#159 AUT Ch: Lanovaz †§		#201 AUT Ch: LaRue †				#231 AUT Ch: Isenhower †								
	Mile High Ballroom 4EF					#160 AUT Ch: Daou †		#186 AUT Ch: Gregory †		#204 AUT Ch: Kodak †§		#232 AUT Ch: DeBar †								
	Four Seasons Ballroom 1					#178 DDA Ch: Scalzo †				#222 DDA Ch: Garcia †										
	Four Seasons Ballroom 2					#162 AUT Ch: Parry-Cruwys †		#188 AUT Ch: Cepeda †§		#216 PRA † Ch: Kostewicz		#241 PRA Ch: Bailey †§								
	Four Seasons Ballroom 3																			
	Four Seasons Ballroom 4					#165 CBM Whited †		#185 AAB Grandin †		#218 PRA Unumb †		#245 TBA Sundel †								
	Exhibit Hall D			Registration and bookstore												Poster Sessions #246-256				





Colorado Convention Center; Sunday, 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	
									#336 AAB SIG									301
																		302
																		303
				#316 TBA Ch: Pellegrino †					#343 HSF SIG									304
#284 TBA Ch: Winne				#315 TBA Ch: Seamen †					#340 SIG Español									401/402
#283 EDC Ch: Weber †				#311 EDC Ch: Datchuk		#329 EDC Ch: Hebert †			#341 BFSR SIG									403/404
#281 EDC Ch: Castrogiovanni †						#328 EDC Ch: Gentilini			#342 VRB SIG									405
#282 EDC Ch: Ayres †						#327 EDC Ch: Jeglum			#337 OBMN/JOBM									406/407
																		501
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																		612
																		Mile High Ballroom 1AB
#280 DDA Ch: Pollard †				#318 DDA Ch: Saini					#344 PIBA SIG									Mile High Ballroom 1CD
#265 DDA Ch: Newcomb †	#290 DDA Ch: Phillips †			#309 DDA Ch: Berg		#326 DDA Ch: Jessel †			#345 Illinois ABA									Mile High Ballroom 1EF
#285 VRB Ch: Sundberg									#346 Behav. Dev. SIG									Mile High Ballroom 2A
#273 PRA Ch: Taubman †	#295 PRA Ch: Chung †			#321 PRA Ch: Slocum †					#347 Neuro. SIG									Mile High Ballroom 2A
#272 PRA Ch: Seabert †§	#302 PRA Ch: Clay †					#333 PRA Ch: Luong †			#349 RAIL SIG									Mile High Ballroom 2B
#274 PRA Ch: Austin †	#297a AUT Ch: Beers †§					#334 PRA Ch: Lewis †			#348 DBA SIG									Mile High Ballroom 2C
#276 VRB † Ch: Subramanyam	#296 VRB Ch: Nam			#322 VRB Ch: Stocco †					ABAI Fellows Committee									Mile High Ballroom 3A
#259 AUT Ch: Kenzer †	#266 AUT Ch: Winn			#304 AUT Ch: Rafacz †					#339 ORABA									Mile High Ballroom 3B
#262 AUT Ch: Doyle	#298 AUT Ch: Ellenberger †					#323 AUT Ch: O'Reilly †			#338 NYSABA									Mile High Ballroom 3C
#277 AUT Ch: Grow †				#303 AUT Ch: Erion †		#324 AUT Ch: Loughrey †												Mile High Ballroom 4AB
	#287 AUT Ch: Paden †			#305 AUT Ch: Unumb †														Mile High Ballroom 4CD
#258 AUT Ch: Reeve †	#297 AUT Ch: Chung †																	Mile High Ballroom 4EF
#260 AUT LeBlanc ††	#291 DDA King †	#317 VRB Eikeseth ††																Four Seasons Ballroom 1
#261 AUT Ch: Stevens	#288 AUT Ch: Lopez †	#306 AUT Ch: Tepez †																Four Seasons Ballroom 2
#266 DDA Casey ††	#294 EAB Iyengar †	#314 SCI Oleson †	#335 SCI Kacelnik †															Four Seasons Ballroom 3
																		Four Seasons Ballroom 4
																		Exhibit Hall D

Street Level

Ballroom Level

**LEGEND**

-  = Special and Invited Events
-  = B. F. Skinner Lecture Series
-  = ABAI Services
-  = Professional Development Series
- † = BACB CE
- ‡ = PSY CE
- § = QABA CE
- Ch. = Chairperson

Registration and bookstore



# MIAMI

**12th Annual Autism Conference**  
**February 4–6, 2018**  
**Hyatt Regency Miami**

**[www.abainternational.org](http://www.abainternational.org)**  
**#ABAMiami**

**SAVE THE DATE!**



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**#146 Business Meeting**

7:00 am–7:50 am  
Convention Center Mile High Ballroom 1A/B

**Crime and Forensic Special Interest Group**  
Chair: W. Joseph Wyatt (Marshall University)

This meeting is for those interested in the interface of behavior analysis and the court/legal system including service as an expert witness, examination of defendants to determine competence and responsibility, issues related to trial preparation, testimony, direct and cross examination, and so on.

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**#147 Business Meeting**

7:00 am–7:50 am  
Convention Center Mile High Ballroom 2C

**Behavior Analyst Certification Board: Approved Course Sequences Business Meeting**  
Chair: Emily White (Behavior Analyst Certification Board)

This meeting is designed for Approved Course Sequence coordinators and other instructors or supervisors from universities with ACSs. Discussion of current requirements and upcoming changes will be discussed, as well as Approved Experience. Individuals interested in applying for new ACS status are encouraged to attend.

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**#148 Business Meeting**

7:00 am–7:50 am  
Convention Center 406/407

**Behavior Analysis Association of Mississippi (BAAMS) Business Meeting**  
Chair: Daniel L. Gadke (Mississippi State University)

The purpose of the meeting is for the executive council and membership to meet and manage any BAAMS agenda items, which may include budget review, voting, and planning.

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**#150 Business Meeting**

7:00 am–7:50 am  
Convention Center Mile High Ballroom 2a

**Positive Behavior Support Special Interest Group**  
Chair: Rose Iovannone (University of South Florida; Florida Mental Health)

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 behavior. Behavior analysts involved in PBS operate within various levels from providing direct supports to individuals to applying principles to broad systems (e.g., organizations, schools). The Positive Behavior Support Special Interest Group provides a forum for behavior analysts to discuss issues relevant to the profession.

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**#151 Business Meeting**

7:00 am–7:50 am  
Convention Center 304

**Journal of Applied Behavior Analysis**  
Chair: Robin K. Landa (Western New England University; *Journal of Applied Behavior Analysis*)

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.

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**#152 Business Meeting**

7:00 am–7:50 am  
Convention Center Mile High Ballroom 4A/B

**New Non-U.S. Program Accreditation With the Behavior Analysis Accreditation Board (BAAB)**  
Chair: Erick M. Dubuque (Behavior Analysis Accreditation Board)

This is an open meeting to disseminate information to non-U.S. programs interested in pursuing accreditation.

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**#153 Business Meeting**

7:00 am–7:50 am  
Convention Center 401/402

**WisABA - Wisconsin Association for Behavior Analysis**

Chair: Matthew E. Andrzejewski (University of Wisconsin-Whitewater)

Quarterly meeting of the Wisconsin Association for Behavior Analysis.

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**#154 Business Meeting**

7:00 am–7:50 am  
Convention Center 403/404

**Behavior Analysis and the Arts Special Interest Group**

Chair: Travis Thompson (University of Minnesota)

Annual business meeting of the BAARTS SIG to review the previous year's activities, and to plan the forthcoming year's management and programs. The SIG is devoted to integrating the arts and humanities with the science of behavior analysis.

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**#155 Business Meeting**

7:00 am–7:50 am  
Convention Center 405

**Autism Special Interest Group: Business Meeting**

Chair: Robert K. Ross (Beacon ABA Services)

The meeting will review past and current activities/initiatives of the SIG. We will also have a panel of speakers who will discuss current challenges and opportunities for those providing ABA based autism services in Centers, Homes, and schools.

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**#156 Business Meeting**

7:00 am–7:50 am  
Convention Center Mile High Ballroom 3B

**Board-Approved Applied Behavior Analysis Course Sequence in Mainland China**

Chair: Dorothy Xuan Zhang (George Mason University; The Chicago School of Professional Psychology; ABA Professional Committee of China Association of Rehabilitation of Disabled Persons)

During the past decade, Applied Behavior Analysis has grown substantially in mainland China. However, as a growing profession, there is a need for qualified behavior analysts who not only have the knowledge and skills to practice, but also adhere to the professional and ethical guidelines to provide quality care to clients. One way to satisfy this need is to have more people undergo the appropriate course sequence and be certified as behavior analysts. The purpose of this meeting is to provide an update about the current status of board-approved Applied Behavior Analysis training course in mainland China.

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**Special Event #157**

7:00 am–7:50 am  
Convention Center 301

**ABAI Program Board Meeting**

Chair: Mark A. Mattaini (Jane Addams College of Social Work-University of Illinois at Chicago)

**AAB Applied Animal Behavior**

SUSAN D. KAPLA (Northern Michigan University) and Valeri Farmer-Dougan (Illinois State University)

**AUT Autism**

JESSICA L. THOMASON-SASSI (New England Center for Children), Nicole Heal (Margaret Murphy Center for Children), and Thomas S. Higbee (Utah State University)

**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**

STEVEN R. LAWYER (Idaho State University) and Jeannie A. Golden (East Carolina University)

**CSS Community, Social and Sustainability Issues**

ANGELA SANGUINETTI (University of California, Davis) and Todd A. Ward (bSci21 Media, LLC)

**DDA Developmental Disabilities**

ANDREW W. GARDNER (Northern Arizona University) and Eric Boelter (Seattle Children's Autism Center)

**DEV Behavioral Development**

PER HOLTH (Oslo and Akershus University College of Applied Sciences) and R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

**EAB Experimental Analysis of Behavior**

ERIC S. MURPHY (University of Alaska Anchorage) and Elizabeth Kyonka (University of New England)

**EDC Education**

FLORENCE D. DIGENNARO REED (The University of Kansas) and Scott P. Ardoin (University of Georgia)

**OBM Organizational Behavior Management**

JULIE M. SLOWIAK (University of Minnesota Duluth) and Doug Johnson (Western Michigan University)

**PCH Philosophical, Conceptual and Historical Issues**

EDWARD K. MORRIS (The University of Kansas) and Darlene E. Crone-Todd (Salem State University)

**PRA Practice**

JOHN M. GUERCIO (Benchmark Human Services) and Robert K. Ross (Beacon ABA Services)

**SCI Science**

M. CHRISTOPHER NEWLAND (Auburn University)

**TBA Teaching Behavior Analysis**

AMOY KITO HUGH-PENNIE (The Harbour School-Hong Kong) and Gabrielle T. Lee (Michigan State University)

**VRB Verbal Behavior**

JUDAH B. AXE (Simmons College) and Einar T. Ingvarsson (University of North Texas)

**#158 Paper Session**

8:00 am–8:20 am  
Convention Center 405  
EDC

**It Doesn't Add Up if You Don't Employ Effective Instruction: Mathematical Skills**

Chair: Sheri Kingsdorf (BCBAhours.com)

**Use of an Individualised Curriculum to Increase Numeracy Skills in Children With Intellectual Disabilities** (Applied Research)

JOHANNA RUTH HAWKINS (University of Wales, Bangor), Corinna F. Grindle (Bangor University), Rina Cianfaglione (Positive Behaviour Solutions), and J. Carl Hughes (Bangor University)

**#159 Symposium**

8:00 am–8:50 am  
Convention Center Mile High Ballroom 4C/D  
AUT/DDA; Applied Research  
BACB/QABA CE Offered. CE Instructor: Marc J. Lanovaz, Ph.D.

**Advances in the Assessment and Treatment of Problem Behavior Maintained by Automatic Reinforcement**

Chair: Marc J. Lanovaz (Université de Montréal)

**Advances in Trial-Based Functional Analysis of Automatically Maintained Challenging Behavior**

MANDY J. RISPOLI (Purdue University), Katie Wolfe (University of South Carolina), Matthew T. Brodhead (Michigan State University), and Emily Gregori (Purdue University)

**Effects of Visual Activity Schedules With Embedded Video Modeling on the Academic Skills and Challenging Behaviors of a Child With Autism**

KATHERINE LEDBETTER-CHO (Texas State University), Russell Lang (Texas State University-San Marcos), Melissa Moore (Texas State University), Katy Davenport (Texas State University-San Marcos), Allyson Lee and Caitlin Murphy (Texas State University), and Laci Watkins and Mark O'Reilly (The University of Texas at Austin)

**Using Mobile Technology to Reduce Stereotypy: Validation Study of the Decision-Making Algorithms**

ISABELLE PRÉFONTAINE, Marc J. Lanovaz, and Emeline McDuff (Université de Montréal) and Catherine McHugh and Jennifer Lynn Cook (Monarch House)

## #160 Symposium

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8:00 am–8:50 am

Convention Center Mile High Ballroom 4E/F

AUT; Service Delivery

BACB CE Offered. CE Instructor: Jaime DeQuinzio, Ph.D.

### **Behavioral Interventions Targeting Social Skills in Children With Autism: Affect, Joint Attention, and Social Interactions**

Chair: Nidal Daou (American University of Beirut)

#### **Affective Behavior and Emotion in Autism Spectrum Disorder: A Review of Interventions**

NIDAL DAOU and Ryma Hady (American University of Beirut) and Claire L. Poulson (Queens College, City University of New York)

#### **Social-Communication Intervention: Generalization and Collateral Changes**

THERESA FIANI and Emily A. Jones (The Graduate Center, City University of New York; Queens College, City University of New York)

#### **Teaching Individuals With Autism to Respond to the Interest of Others During Play Activities**

STEPHANIE VENTURA, Brittany Tomasi, Nicole DeNisco, Jaime DeQuinzio, and Bridget A. Taylor (Alpine Learning Group)

## #161 Symposium

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8:00 am–8:50 am

Convention Center Mile High Ballroom 4A

AUT/EDC; Service Delivery

BACB CE Offered. CE Instructor: Helena Lydon, Ph.D.

### **Investigation of Behavioral Interventions for Social Skills to Promote Inclusion for Adults With ASD**

Chair: Helena Lydon (National University of Ireland, Galway)

#### **Work-Related Social Communication Skills Training for Young Adults With Autism Spectrum Disorder and Co-Occurring Intellectual Disabilities**

EDITH ADEL WALSH, Jennifer Holloway, and Helena Lydon (National University of Ireland, Galway)

#### **Increasing Appropriate Conversation Skills Using a Behavioral Skills Training Package With Adults With Autism Spectrum Disorder**

HELENA LYDON (National University of Ireland, Galway), Grace Ryan (National University of Ireland, Galway), Jennifer Holloway (National University of Ireland, Galway), Shelley Alison Brady (University of Coleraine)

#### **An Evaluation of the Model Me Kids® Curriculum for Teaching Social Skills to Children and Adolescents With Autism Spectrum Disorder**

JENNIFER HOLLOWAY and Anna McCoy (National University of Ireland, Galway) and Olive Healy (Trinity College Dublin, Ireland)

## #162 Symposium

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8:00 am–8:50 am

Convention Center Four Seasons Ballroom 2/3

AUT; Applied Research

BACB CE Offered. CE Instructor: Diana Parry-Cruwys, Ph.D.

### **Establishing Social Repertoires in Children With Autism: Joint Attention, Social Referencing and Social Conversation Skills**

Chair: Diana Parry-Cruwys (The New England Center for Children)

#### **Incorporating Video Into Discrimination Training and Feedback to Teach Natural Conversation Cues**

CAROLE ANN DEITCHMAN (DataPath ABA); Sharon A. Reeve, Ruth M. DeBar, and April N. Kismore (Caldwell University); and Linda Sue Meyer (Linda S. Meyer Consulting, LLC)

#### **Training Therapists and Parents to Implement Joint Attention Procedures**

BRIANNA RACHEL HOLOHAN and Rebecca P. F. MacDonald (The New England Center for Children)

#### **Teaching Social Referencing to Toddlers With Autism**

CAROLYN WALKER and Rebecca P. F. MacDonald (The New England Center for Children)

## #163 Symposium

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8:00 am–8:50 am

Convention Center Mile High Ballroom 3B

AUT/DDA; Applied Research

BACB CE Offered. CE Instructor: Autumn N. McKeel, Ph.D.

### **Beyond the Basics: Training Complex Verbal Skills Through Relational Frames Using Arbitrary, Non-Arbitrary, and Cross-Modal Stimuli**

Chair: Jennifer Williams (The University of Southern Mississippi)

#### **Teaching Hierarchical Relations to Children With Autism and Related Disabilities**

BECKY BARRON, Jordan Belisle, Dana Paliliunas, Caleb Stanley, and Mark R. Dixon (Southern Illinois University)

#### **Arbitrary Comparative Relations and the Transformation of Stimulus Functions in Terms of Non-Arbitrary Comparative Properties in Individuals With Autism**

AYLA SCHMICK, Jordan Belisle, Caleb Stanley, Mark R. Dixon, and Lindsey Renee Ellenberger (Southern Illinois University)

#### **Teaching Gustatory, Audible, and Visual Stimuli Sets to Adults With Developmental Disabilities**

Jaime Elise Matas and AUTUMN N. MCKEEL (Aurora University)

## #164 Panel Discussion

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8:00 am–8:50 am

Hyatt Regency, Capitol Ballroom 4

CBM; Applied Research

BACB CE Offered. CE Instructor: Matthew Capriotti, Ph.D.

### **Hello From the Other Side: Behaving Outside the Box to Maximize the Impact of Your Career**

Chair: Saba Torabian (San Jose State University)

PATRICK C. FRIMAN (Boys Town)

MATTHEW CAPRIOTTI (San Jose State University)

SABRINA DARROW (University of California, San Francisco)

## #165 B. F. Skinner Lecture Series

**Recorded Session**

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8:00 am–8:50 am

Convention Center Four Seasons Ballroom 4

CBM; Applied Research

PSY/BACB CE Offered. CE Instructor: Steven R. Lawyer, Ph.D.

### **Treating Depression to Reduce Behavioral Risk Factors for Cardiovascular Disease: A Preventive Behavioral Medicine Perspective**

Chair: Steven R. Lawyer (Idaho State University)

MATTHEW WHITED (Eastern Carolina University)



Dr. Whited is a Clinical Health Psychologist who is primarily interested in understanding the mechanisms of the association between depressed mood and cardiovascular disease in order to develop better preventive behavioral medicine interventions. He received a bachelor's in psychology (2nd major biology) from Indiana University of Pennsylvania, and a master's and Ph.D. in clinical psychology from West Virginia University, having completed his clinical internship at the University of Mississippi Medical Center. He completed a postdoctoral fellowship in behavioral medicine research at the University of Massachusetts Medical School,

Division of Preventive and Behavioral Medicine under Dr. Sherry Pagoto. He is currently an Assistant Professor of Psychology at East Carolina University, with research, teaching, and clinical duties falling largely under the APA-accredited Clinical Health Psychology Ph.D. Program.

**Abstract:** Depression is consistently associated with cardiovascular disease (CVD) and other CVD risk factors such as obesity. The mechanisms of this association are likely multifactorial, but identifying behavioral mechanisms of the association are imperative to developing and disseminating effective interventions that can impact both symptoms of depression and health behaviors that lead to CVD. Dr. Whited's presentation will briefly review the literature regarding depression treatment for CVD prevention, and introduce one potential intervention, behavioral activation treatment for depression (BATD), that has potential to fill this role. BATD is a brief individual treatment for depression that focuses on replacing depressogenic behaviors with behaviors that reduce or eliminate depressive symptoms based on the patients' life values. Health behavior change can also be seamlessly incorporated into BATD treatment so that both depressive symptoms and health behaviors are simultaneously impacted. Dr. Whited will conclude by presenting data from various sources supporting BATD approaches for health behavior change.

**Sunday, May 28**

## #166 Symposium

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8:00 am–8:50 am

Hyatt Regency, Mineral Hall A-C

CSS: Applied Research

BACB CE Offered. CE Instructor: Fawna Stockwell, Ph.D.

### **Studying The Enhancement of Sexual and Relationship Health**

Chair: Fawna Stockwell (Upswing Advocates; The Chicago School of Professional Psychology)

#### **Sexual Consent Training and Its Impact on Adult Participant's Pretest-Posttest and Application Task Responding**

STEFANIE SCHOENEMAN (The Chicago School of Professional Psychology), Fawna Stockwell (Upswing Advocates), and Ashley E. Bennett (The Chicago School of Professional Psychology)

#### **Speed Dating: Attraction and Self-Disclosure and Its Impact on Queer Participants' Intimacy-Related Behaviors**

WORNER LELAND and Fawna Stockwell (Upswing Advocates) and Jennifer Klapatch Totsch (The Chicago School of Professional Psychology)

#### **The Impact of Mindfulness and Values Clarification Exercises on Behavior of Adults With Gender Dysphoria**

Stephanie Popovitch (The Chicago School of Professional Psychology), FAWNA STOCKWELL (Upswing Advocates; The Chicago School of Professional Psychology), and Jessica Gamba (Pipio Academy)

## #167 Symposium

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8:00 am–8:50 am

Convention Center Mile High Ballroom 1C/D

DDA: Applied Research

BACB CE Offered. CE Instructor: Anita Li, M.S.

### **Promoting Healthy Behaviors in Adults With Intellectual Disabilities**

Chair: Andrea Miller (Western Michigan University)

#### **Increasing Physical Activity in College Students With Autism Spectrum Disorder**

ANITA LI, Hugo Curiel, Kourtney Bakalyar, Andrea Miller, Jessica E. Frieder, and Alan D. Poling (Western Michigan University)

#### **Increasing Physical Activity in Adults With Intellectual Disabilities: A Preliminary Evaluation**

HUGO CURIEL and Rachel Burroughs (Western Michigan University), Steven Ragotzy (Kalamazoo Regional Educational Service Agency), and Alan D. Poling (Western Michigan University)

#### **A Preliminary Evaluation of Correspondence Between Healthy Food Statements and Preference**

ANDREA MILLER, Anita Li, Hugo Curiel, and Alan D. Poling (Western Michigan University)

## #168 Paper Session

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8:00 am–8:50 am

Hyatt Regency, Capitol Ballroom 1-3

DEV

### **Teaching Strategies for Children With Autism and for Older Adults**

Chair: Jacqueline Pachis (Brock University)

#### **The Effects of Differential Reinforcement on Variable and Novel Pretend Play Behaviors of Children With Autism Spectrum Disorder** (Applied Research)

ALYSON BUCK, James A. Sherman, and Jan B. Sheldon (The University of Kansas)

#### **Comparison of Prompting Procedures to Teach Internet and Information Communication Technology to Older Adults** (Applied Research)

JACQUELINE PACHIS and Kimberley L. M. Zonneveld (Brock University)

## #169 Symposium

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8:00 am–8:50 am

Convention Center 403/404

EDC/PRA; Service Delivery

BACB CE Offered. CE Instructor: Janet S. Twyman, Ph.D.

### **How to Improve Learning in Every Classroom**

Chair: Greg Stikeleather

#### **How Low Can You Go? Effective Group Instruction on the Cheap**

WILLIAM L. HEWARD (The Ohio State University)

**How High Can You Go? Effective Group Instruction Using Digital Technologies**  
JANET S. TWYMAN (Center on Innovations in Learning)

**Some Closing Thoughts on Learning Technologies**  
RONNIE DETRICH (The Wing Institute)

**#170 Symposium**

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8:00 am–8:50 am  
Hyatt Regency, Mineral Hall D-G  
OBM/CBM; Service Delivery  
BACB CE Offered. CE Instructor: Patrice Marie Miller, Ph.D.

**Augmented, Mixed and Virtual Reality Meets Behavior Analysis**  
Chair: Dristi Adhikari (Dare Association)  
Discussant: Patrice Marie Miller (Salem State University)

**Using Augmented, Mixed and Virtual Reality to Improve Organizations**  
SARTHAK GIRI (Dare Association), Julie LeMoine and Karen Zastudil (HorizonIR), and Saranya Ramakrishnan (Harvard School of Public Health)

**Application of Virtual Reality in Healthcare**  
SARANYA RAMAKRISHNAN (Harvard School of Public Health) and Sarthak Giri (Dare Association)

**#171 Symposium**

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8:00 am–8:50 am  
Hyatt Regency, Centennial Ballroom F/G  
PCH/EDC; Theory  
BACB CE Offered. CE Instructor: Darlene E. Crone-Todd, Ph.D.

**Humanism, Behaviorism and Constructivism: Ism it Interesting?**  
Chair: Zoe Alexis Barbara (Salem State University)  
Discussant: Abraham Graber (Western Illinois University)

**On Being a Humanistic Behaviorist**  
DARLENE E. CRONE-TODD (Salem State University)

**Behaviorism, Constructivism and Education**  
KENT JOHNSON (Morningside Academy)

**#172 Symposium**

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8:00 am–8:50 am  
Convention Center Mile High Ballroom 2C  
PRA/CSS; Applied Research  
BACB CE Offered. CE Instructor: John O'Neill, Ph.D.

**Law Enforcement, Policing, and Military Applications**  
Chair: John O'Neill (Force Science Institute; Sound Behavior LLC)

**Law Enforcement Training: An Analysis of Skill Maintenance**  
JOHN O'NEILL and Dawn Seefeldt (Force Science Institute; Sound Behavior LLC), Katelyn Weed (Force Science Institute; Minnesota State University Mankato), and William Spence and William Lewinski (Force Science Institute)

**A Behavior Analysis of Unintentional Discharges in Law Enforcement**  
DAWN SEEFELDT and John O'Neill (Force Science Institute; Sound Behavior LLC) and William Lewinski (Force Science Institute)

**Post Traumatic Stress Disorder Issues in the Military**  
ABIGAIL B. CALKIN (Calkin Consulting Center)

**#173 Paper Session**

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8:00 am–8:50 am  
Convention Center Mile High Ballroom 2B  
PRA

**Interventions in the Context of Home Settings**  
Chair: Deirdre M. Muldoon (The College of Saint Rose)

**Decreasing Motor Stereotypy in a Child With ASD Using a Bracelet Based Self-Monitoring and Reinforcement Procedure** (Applied Research)  
LISA TERESHKO and Robert K. Ross (Beacon ABA Services)

**A Family-Centered Feeding Intervention to Promote Food Acceptance and Decrease Challenging Behaviors in Children With ASD: Report of Both a Parent-Implemented and a Train-the-Trainer Model Using EAT-UP** (Applied Research)  
DEIRDRE M. MULDOON and Joanna Cosbey (University of New Mexico)



## #174 Panel Discussion

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8:00 am–8:50 am  
Convention Center 401/402  
TBA; Service Delivery  
BACB CE Offered. CE Instructor: James Moore, Ph.D.

### **Issues Regarding Graduate Training in Behavior Analysis: Curriculum Content**

Chair: James Moore (The University of Southern Mississippi)

STEPHANIE M. PETERSON (Western Michigan University)

LAURA L. DUDLEY (Northeastern University)

MICHAEL F. DORSEY (Endicott College)

## #175 Symposium

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8:00 am–9:50 am  
Convention Center Mile High Ballroom 3C  
AUT/DDA; Applied Research  
BACB CE Offered. CE Instructor: Lyndsay Nix, M.S.

### **Technological Advancements in Stimulus Preference Assessments in Individuals With Autism**

Chair: SoYeon Kim (Purdue University)

Discussant: Richard B. Graff (The New England Center for Children)

#### **Further Evaluation of Brief Preference Assessments and Implications on Problem Behavior**

CASEY J. CLAY (University of Missouri); Anne Clohisy (Doyle) (Thompson Center for Autism); Courtney Jorgenson (University of Missouri); Anna Hogg (Thompson Center for Autism); and Nicole Schroeder, Brittany Schmitz, Ali Ball, and SungWoo Kahng (University of Missouri)

#### **An Evaluation of a Stimulus Preference Assessment of iPad Applications for Young Children With Autism**

LYNDSAY NIX and Thomas S. Higbee (Utah State University)

#### **Identifying Preferred Social Interactions Using a Structured Interview and Preference Assessment**

SARAH J. PASTRANA (University of British Columbia), Laura L. Grow (California State University, Fresno), and Tyla M. Frewing (University of British Columbia)

#### **Expanding Choices for Children With Autism Through Video-Based Preference Assessments**

Matthew T. Brodhead (Michigan State University) and SOYEON KIM and Mandy J. Rispoli (Purdue University)

## #176 Symposium

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8:00 am–9:50 am  
Hyatt Regency, Capitol Ballroom 5-7  
CBM  
BACB CE Offered. CE Instructor: Kimberly C. Kirby, Ph.D.

### **There's More than One Way to Arrange a Contingency: Strategies for Supporting Healthy Behaviors**

Chair: Kimberly C. Kirby (Rowan University)

Discussant: Derek D. Reed (The University of Kansas)

#### **Incentives for Suppression of Viral Load in People Living With HIV: Interim Results**

KENNETH SILVERMAN (Johns Hopkins University); Andrew Rodewald, Carol-Ann Getty, Brian R. Katz, August F. Holtyn, and Brantley Jarvis (Johns Hopkins University School of Medicine); and Shrinidhi Subramaniam (Johns Hopkins University)

#### **Community Reinforcement and Family Training With Parents of Substance-Using Treatment-Resistant Youth**

KIMBERLY C. KIRBY (Rowan University); Kathleen Meyers, Elena Bresani, and Lois A. Benishek (Treatment Research Institute); Mary Louise E. Kerwin (Rowan University); Yukiko Washio (Treatment Research Institute); and Robert J. Meyers (Robert J. Meyers, Ph.D. & Associates)

#### **Nationwide Access to an Internet-Based Contingency Management Intervention to Promote Smoking Cessation: A Randomized Controlled Trial**

JESSE DALLERY (University of Florida), Bethany R. Raiff (Rowan University), SunnyJung Kim (The Geisel School of Medicine at Dartmouth), Lisa A. Marsch (Dartmouth College), Maxine Stitzer (Johns Hopkins University School of Medicine), and Mike Grabinski (Red5hift LLC)

#### **Gamifying the School Cafeteria to Increase Healthy Eating**

GREGORY J. MADDEN, Frank Sosa, Damon Joyner, Hali King, Heidi Wengreen, and Sheryl Aguilar (Utah State University)

## #177 Symposium

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8:00 am–9:50 am

Convention Center Mile High Ballroom 1A/B  
DDA/AUT; Applied Research  
BACB CE Offered. CE Instructor: Tonya Nichole Davis, Ph.D.

### **Advances in the Evaluation of Resurgence and Reinstatement of Behavior Among Children With Developmental Disabilities**

Chair: Tonya Nichole Davis (Baylor University)  
Discussant: Katherine Hoffman (University of Texas)

#### **Functional Communication Training and Schedule Thinning to Treat Resurgence of Challenging Behavior Maintained by Access to Rituals**

Mandy J. Rispoli (Purdue University), Stephanie Gerow, Jennifer Ninci (University of Hawaii at Manoa), and CATHARINE LORY (Purdue University)

#### **Resurgence of Challenging Behavior in Application of Preferred and Persisting Functional Communication Modalities**

LAUREN UPTEGROVE, Tonya Nichole Davis, Supriya Radhakrishnan, Andi Fuentes, Abby Hodges, and Regan Weston (Baylor University)

#### **Effects of Repeated Exposure and Response Effort on Resurgence**

SEAN SAITO and Alyssa N. Wilson (Saint Louis University)

#### **Translational Evaluation of Reinstatement of Problem Behavior: Generalization Effects to Non-Target Stimuli**

Terry S. Falcomata, HOLLIE WINGATE, Katherine Hoffman, Raechal Ferguson, Fabiola Vargas Londono, and Andrea Ramirea (The University of Texas at Austin)

## #178 Symposium

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8:00 am–9:50 am

Convention Center Four Seasons Ballroom 1  
DDA/AUT; Applied Research  
BACB CE Offered. CE Instructor: Rachel Scalzo, Ph.D.

### **Advances in Preference Assessments for Children With Developmental Disabilities**

Chair: Rachel Scalzo (Beacon Health Options)  
Discussant: Matthew T. Brodhead (Michigan State University)

#### **An Examination of Social Preference Across Different Social Partners for Individuals With Disabilities**

RACHELLE HUNTINGTON and Ilene S. Schwartz (University of Washington)

#### **Comparison of Video and Pictorial Preference Assessments for Social Interactions**

SUPRIYA RADHAKRISHNAN, Tonya Nichole Davis, Lauren Uptegrove, Abby Hodges, Regan Weston, and Stephanie Gerow (Baylor University)

#### **Examining Factors Related to Animal-Assisted Therapy for Children With Autism Spectrum Disorder: Preference and Reinforcer Assessment**

ANNA HOGG (Thompson Center for Autism), Casey J. Clay (University of Missouri), Emma Keicher and Anne Clohisy (Doyle) (Thompson Center for Autism and Neurodevelopmental Disorders), and SungWoo Kahng (University of Missouri)

#### **Effects of Video Modeling on Preference for Toys**

CYNTHIA P. LIVINGSTON, Brienna Meuret, and Andrew L. Samaha (University of South Florida)

## #179 Symposium

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8:00 am–9:50 am

Hyatt Regency, Centennial Ballroom E  
EAB/PRA;  
BACB CE Offered. CE Instructor: Claire C. St. Peter, Ph.D.

### **Current Research on Resurgence and Other Relapse Phenomena**

Chair: Ryan Kimball (Munroe-Meyer Institute - University of Nebraska Medical Center)  
Discussant: Claire C. St. Peter (West Virginia University)

#### **Resurgence During Extinction Versus Progressive Ratios**

JOHN BAI (University of Auckland), Thuong Huyen (Florida Institute of Technology; The Scott Center for Autism Treatment), and Christopher A. Podlesnik (Florida Institute of Technology)

#### **Evaluation of a Modified Resurgence Arrangement**

RYAN KIMBALL (University of Nebraska Medical Center's Munroe-Meyer Institute), Michael E. Kelley (Florida Institute of Technology; The Scott Center for Autism Treatment), Christopher A. Podlesnik (Florida Institute of Technology), and Alex Forton and Brandy Hinkle (Florida Institute of Technology; The Scott Center for Autism Treatment)

Sunday, May 28

**Resurgence, Renewal, and Reinstatement of Operant Responding in Zebrafish (*Danio rerio*)**  
TOSHIKAZU KURODA (Aichi Bunkyo University), Yuto Mizutani (Aichi Gakuin University), Carlos Renato Xavier Cançado (Universidade de Brasília), and Christopher A. Podlesnik (Florida Institute of Technology)

**Assessing the Combined Effects of Resurgence and Reinstatement**  
ASHLEY ABEL (University of Nebraska Medical Center's Munroe-Meyer Institute) and Christopher A. Podlesnik and Regina Nastro (Florida Institute of Technology)

#### #180 Symposium

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8:00 am–9:50 am  
Hyatt Regency, Centennial Ballroom B/C  
EAB

#### **Explorations of the Magnitude Effect in Various Species and Domains**

Chair: Charles Frye (Utah State University)  
Discussant: Suzanne H. Mitchell (Oregon Health & Science University)

#### **The Magnitude Effect in Nonhuman Primates**

TRAVIS RAY SMITH (Georgia State University) and Michael J. Beran (Language Research Center; Georgia State University)

#### **Differential Effects of Outcome Magnitude on Discounting of Delayed and Probabilistic Monetary Gains and Losses**

LEONARD GREEN and Joel Myerson (Washington University)

#### **Effort Discounting and its Relationship With Delay Discounting**

GISEL GÓMEZ ESCOBAR and Cristiano Dos Santos (University of Guadalajara) and Amy Odum (Utah State University)

#### **Examining the Magnitude Effect in Humans and Pigeons: It Is All About the Contrast**

CHARLES FRYE and Amy Odum (Utah State University)

#### #181 Symposium

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8:00 am–9:50 am  
Convention Center 406/407  
EDC  
BACB CE Offered. CE Instructor: Bradley Stevenson, MTS

#### **Applied Behavior Analysis in Public Schools: Strategies for Academics, Severe Problem Behavior, and Sustainability**

Chair: Bradley Stevenson (University of North Carolina Charlotte)  
Discussant: Charles L. Wood (University of North Carolina at Charlotte)

#### **Effects of Response Prompting on Sentence Generation by Students With Developmental Disabilities**

ROBERT C. PENNINGTON (University of Louisville) and Lindsay Hugg (Jefferson County Public Schools)

#### **Using Systematic Instruction to Teach Science to Students With Severe Disabilities**

ANNA GREENE (Melmark New England)

#### **Effects of Function-Based Crisis Intervention on the Severe Problem Behavior of Students With Autism**

BRADLEY STEVENSON and Charles L. Wood (University of North Carolina at Charlotte)

#### **Effects of Coaching on Teachers' Implementation of Tier One School-Wide Positive Behavioral Interventions and Support Strategies**

KERI STEVENSON BETHUNE (James Madison University)

#### #182 Symposium

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8:00 am–9:50 am  
Convention Center Mile High Ballroom 1E/F  
PRA/CBM; Service Delivery  
BACB CE Offered. CE Instructor: Nathan Blenkush, Ph.D.

#### **The Behavior Analyst as Expert Witness in the Forensic/Courtroom Setting**

Chair and discussant: W. Joseph Wyatt (Marshall University)

#### **ABA in a Forensic Psychiatric Hospital**

TIMOTHY TEMPLIN (Meridian Health Services)

#### **On Becoming an Effective Expert Witness as a Behaviorist**

W. JOSEPH WYATT (Marshall University)

**Forensic Issues From the Standpoint of an Agency CEO**  
GLENDA CROOKES (Judge Rotenberg Educational Center)

**Preparing for and Providing Expert Testimony: Notes From a Behavior Analyst**  
NATHAN BLENKUSH (Judge Rotenberg Educational Center)

### #183 Symposium

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8:00 am–9:50 am  
Convention Center Mile High Ballroom 2A  
PRA

**Built to Last: Considerations for Designing and Implementing Durable Interventions for Socially Mediated Challenging Behavior**

Chair: Audrey N. Hoffmann (Utah State University)  
Discussant: Tyra P. Sellers (Utah State University; Utah Behavior Support Clinic)

**An Evaluation of a Published Treatment Selection Guide for Escape Maintained Problem Behavior**  
Bistra Bogoev, AUDREY N. HOFFMANN, and Tyra P. Sellers (Utah State University)

**An Applied Examination of Training Multiple Mands During Functional Communication Training**  
Audrey N. Hoffmann, Bistra Bogoev, CHASE CALLARD, Tyra P. Sellers (Utah State University)

**Stimulus Fading and Levels System as Alternative to Extinction for Severe Aggression**  
KAYLA RECHELLE RANDALL, Mary Matthews, Joseph Michael Lambert, and Nealetta Houchins-Juarez (Vanderbilt University)

**Individualized Levels System as Intervention for Socially Mediated**  
SIB SOMER WIGGINS, Mary Matthews, Joseph Michael Lambert, and Nealetta Houchins-Juarez (Vanderbilt University)

### #184 Symposium

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8:00 am–9:50 am  
Convention Center Mile High Ballroom 3A  
VRB/PRA; Service Delivery  
BACB CE Offered. CE Instructor: Sarah Frampton, M.A.

**Recent Advances and Empirical Evaluations of Matrix Training Approaches**

Chair: Sarah Frampton (Marcus Autism Center)  
Discussant: Linda A. LeBlanc (LeBlanc Behavioral Consulting LLC)

**An Evaluation of Teaching Compound Labels to Toddlers Using a Matrix Training Approach**  
TERRA CLIETT, Karen A. Toussaint, and Tayla Cox-Wilshire (University of North Texas)

**Matrix Training: Considerations for Recombinative Generalization and Efficiency of Acquisition**  
Samantha Bergmann, Tiffany Kodak, and GABRIELLA RACHAL VAN DEN ELZEN (University of Wisconsin–Milwaukee); Terra Cliett (University of North Texas); and Mike Harman and Raven Wood (University of Wisconsin–Milwaukee)

**The Role of Testing Sequence in the Use of Matrix Training to Promote Recombinative Generalization**  
SARAH FRAMPTON, Rachel Yosick, and Danielle Richardson (Marcus Autism Center) and M. Alice Shillingsburg (Marcus Autism Center; Emory University School of Medicine)

**Application of Matrix Training for Expanding Communication and Listener Repertoires of Toddlers With ASD**

SANDHYA RAJAGOPAL (Florida Institute of Technology), Corina Jimenez-Gomez (The Scott Center for Autism Treatment), Jeanine R Tanz (Florida Institute of Technology; The Scott Center for Autism Treatment), Krystin Hussain (Florida Institute of Technology), and Ivy M. Chong Crane (Florida Institute of Technology; The Scott Center for Autism Treatment)

Sunday, May 28

9:00 am–9:50 am  
 Convention Center Four Seasons Ballroom 4  
 AAB; Basic Research  
 BACB CE Offered. CE Instructor: Temple Grandin, Ph.D.

### How Being a Visual Thinker Helped Me Understand Animals

Chair: Valeri Farmer-Dougan (Illinois State University)

TEMPLE GRANDIN (Colorado State University)



Dr. Grandin is a professor of animal science at Colorado State University. Her designs of livestock facilities are located worldwide. In North America, half of cattle are handled in a center track restrainer system that she designed. Her writings on the flight zone and other principles of grazing animal behavior have led to the reduction of stress during handling. She has developed an objective scoring system for assessing handling of cattle and pigs, and conducts research in cattle temperament, environmental enrichment, and training procedures. Dr. Grandin obtained her BA at Franklin Pierce College, her MS at Arizona State University, and her Ph.D. in Animal

Science from the University of Illinois. She teaches courses on livestock behavior and facility design at Colorado State University and is a livestock industry consultant. She has appeared on numerous television shows, has a TED Lecture, “The World Needs ALL Kinds of Minds,” and in 2010 Time Magazine named her one of the 100 most influential people. Dr. Grandin has authored over 400 articles, and is the author of *Thinking in Pictures*, *Livestock Handling and Transport*, *Genetics and the Behavior of Domestic Animals*, *Humane Livestock Handling*, *Animals in Translation* and *Animals Make Us Human*.

**Abstract:** All my thoughts are in pictures. When somebody says a word, I see a picture in my imagination. If I think about the word goose, I start visualizing pictures of geese, such as Canada geese on the campus quad, Mother Goose of the nursery rhyme, and flocks of geese in corn fields. When I was in my twenties, I thought everybody thought the same way I did. In my first work with cattle, I observed that they would often refuse to move across a shadow on the ground or a coat on a fence. It was obvious to me to look at what the animal was seeing because of the way my thought processes worked. Research studies now provide evidence that animals have specific sensory-based memories. One study showed that habituating a horse to the sudden opening of an umbrella does not transfer to flapping tarp. In my own work, I discovered that if I removed the coat from the fence, the cattle would move easily through the chute. In my work with flighty antelopes, our team was able to condition Njala and Bongo antelopes to voluntarily enter a box for a feed reward and then receive injections and be blood sampled. A new sudden novel stimulus will send these animals crashing into wall. To prevent this, we had to spend ten days habituating them to the sliding door on the box *before* we could start standard operant conditioning. The first day the door was opened only one inch and when the animal oriented towards me, I stopped moving it. The next day it was moved 2 inches. To prevent an antelope from having a massive behavioral response we stopped moving the door when it turned and oriented its head towards it. Never push the antelope past the orienting response when a new thing is introduced.

### #186 Symposium

9:00 am–9:50 am  
 Convention Center Mile High Ballroom 4E/F  
 AUT; Applied Research  
 BACB CE Offered. CE Instructor: Meagan K. Gregory, Ph.D.

### Reinforcement Variations for the Acquisition and Maintenance of Skills by Learners With Autism

Chair: Meagan K. Gregory (Kennedy Krieger Institute)

#### The Effect of Reinforcer Choice on Skill Acquisition in Children With Autism Spectrum Disorder

JESSIE NORTHGRAVE, Jason C. Vladescu, and Ruth M. DeBar (Caldwell University) and Karen A. Toussaint (University of North Texas)

#### An Evaluation of the Effects of and Preference for Pre- and Post-Selection of Reinforcers in a Token Economy

REBECCA WERLE (Firefly Autism), Meagan K. Gregory (Kennedy Krieger Institute), and Yanerys Leon (Florida Institute of Technology)

#### The Effects of Reinforcement Schedule Manipulations on Response Maintenance in Children With Autism Spectrum Disorder

TOM CARIVEAU (University of Oregon; Marcus Autism Center); Tiffany Kodak (University of Wisconsin–Milwaukee); Wendy A. Machalick, Shaji Haq, and Marilyn Porritt (University of Oregon); Brittany LeBlanc (University of Wisconsin–Milwaukee); Megan Ledoux (University of Oregon); and Samantha Bergmann (University of Wisconsin–Milwaukee)

## #187 Symposium

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9:00 am–9:50 am

Convention Center Mile High Ballroom 3B

AUT/VRB; Applied Research

BACB CE Offered. CE Instructor: Michelle Ennis Soreth, Ph.D.

### **Determining Response to Interventions Based on Skinner's Analysis of Verbal Behavior for Preschool Children With Autism**

Chair: Denise Kerth (Rowan University)

Discussant: Vincent Joseph Carbone (Carbone Clinic)

#### **Baseline Verbal Repertoires and Response to Parent-Implemented Autism Intervention Based on Skinner's Analysis of Verbal Behavior**

MICHELLE ENNIS SORETH (Rowan University), Mary Louise E. Kerwin (Rowan University), Bianca Pizzo-Coleman (Rowan University), Jodie Ann Justice (Rowan University), Victor Chin (Rowan University), Vincent Joseph Carbone (Carbone Clinic)

#### **Evaluating Adaptive Treatments for Non-Responders to ABA Interventions Using Sequential Multiple Assignment Randomized Trial**

MARY LOUISE E. KERWIN, Michelle Ennis Soreth, Molly Coyle Joufflas, Lauren Heller, and Jodie Ann Justice (Rowan University) and Vincent Joseph Carbone (Carbone Clinic)

## #188 Symposium

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9:00 am–9:50 am

Convention Center Four Seasons Ballroom 2/3

AUT/DDA; Applied Research

BACB/QABA CE Offered. CE Instructor: Karl Gunnarsson, M.S.

### **Facilitating Communication in Individuals With Language Deficits Using Cross-Modal and Verbal Relational Training**

Chair: Alysse A. Cepeda (Southern Illinois University)

#### **Abstraction of Tactile Properties by Individuals With Autism Using the Picture Exchange Communication System**

CALEB STANLEY, Jordan Belisle, Amani Alholail, Megan Galliford, and Mark R. Dixon (Southern Illinois University)

#### **"Someone Call the Fire Department!" Evaluating the Establishment of Gustatory Equivalence Relations and Metonymical Tact Extensions in Children With Emotional Behavior Disorders**

EMILY DZUGAN, Lindsey Freivogel, Alyssa N. Wilson, and Tyler S. Glassford (Saint Louis University) and Sadie L. Lovett (Central Washington University)

#### **Investigating the Utility of PEAK Relational Training System for Brain Injured Individuals**

KARL GUNNARSSON (Southern Illinois University; Neurorestorative) and Kristen Whiteford, Ayla Schmick, Kendra Hall, Meghan Doherty, and Mark R. Dixon (Southern Illinois University)

## #189 Symposium

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9:00 am–9:50 am

Convention Center Mile High Ballroom 4A

AUT/DDA; Applied Research

BACB CE Offered. CE Instructor: Hayley Neimy, M.S.

### **Reinforcement Procedures for Facilitating the Development of Eye Contact, Vocalizations, Joint Attention, and Social Referencing Among Young Children At Risk of Autism and Developmental Disorders**

Chair: Thomas G. Szabo (Florida Institute of Technology)

Discussant: Martha Pelaez (Florida International University)

#### **Promoting Eye Contact via Synchronized Reinforcement Procedures and Vocalizations via Contingent Motherese and Vocal Imitation Among Infants and Toddlers At Risk**

HAYLEY NEIMY (Shabani Institute; Center for Behavior Analysis & Language Development), Martha Pelaez (Florida International University), and Jonathan J. Tarbox (FirstSteps for Kids; University of Southern California)

#### **Establishing Joint Attention as a Prerequisite for Social Referencing Skills in Infants and Toddlers At Risk Using Operant Learning Procedures**

JACQUELINE MERY-CARROW (FirstSteps for Kids; Caldwell University), Martha Pelaez (Florida International University), Katerina Monlux (Stanford University), and Jonathan J. Tarbox (FirstSteps for Kids; University of Southern California)

Sunday, May 28

## #190 Symposium

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9:00 am–9:50 am

Hyatt Regency, Capitol Ballroom 4

CBM

BACB CE Offered. CE Instructor: Lisa Harrison, Ph.D.

### **Acceptance and Commitment Training: Mindfulness-Based Interventions Beyond the Therapy Room**

Chair: Lisa Harrison (University of Louisiana at Lafayette)

Discussant: Scott Herbst (SixFlex Training and Consulting)

#### **Making College Life Matter: Acceptance and Commitment Training to Improve Values-Consistent Action in College Students**

MEAGAN PERKINS and Lisa Harrison (University of Louisiana at Lafayette), Solomon Kurz (University of Mississippi), and Emily Kennison Sandoz (University of Louisiana at Lafayette)

#### **Psychological Flexibility Training for Improving the Performance of Mixed Martial Artists**

GARRET M CANTU, Emily Kennison Sandoz, and Ryan Albarado (University of Louisiana at Lafayette)

## #191 Paper Session

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9:00 am–9:50 am

Hyatt Regency, Mineral Hall A-C

CSS

### **Behavior Analysis and Sustainability**

Chair: Michael B. Ehlert (University of Guam)

#### **Behavior Analysis and Eco-Feedback Technology (Theory)**

ANGELA SANGUINETTI (University of California, Davis)

#### **Behavior Required: Behavioral Recycling as a Model for Sustainable Living (Theory)**

MICHAEL B. EHLERT (University of Guam)

## #192 SQAB Tutorial

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9:00 am–9:50 am

Hyatt Regency, Centennial Ballroom D

EAB; Basic Research

PSY/BACB CE Offered. CE Instructor: M. Christopher Newland, Ph.D.

### **What's the Best Model for These Data? Information Theoretical Approaches to Inference as an Alternative to Hypothesis Testing**

Chair: Peter R. Killeen (Arizona State University)

M. CHRISTOPHER NEWLAND (Auburn University) and DEREK POPE (Virginia Tech Carilion Research Institute)



Chris Newland earned his Ph.D. from Georgia Tech, did postdoctoral work in Environmental Health at the University of Rochester, and is now a professor of psychology at Auburn University. His research, which has been funded mostly from the National Institute of Environmental Health Sciences, applies behavioral principles to explore the impact of drugs and environmental contaminants that act on the brain. A life-span development approach is threaded through his research, so he has examined early development, aging, and, more recently, adolescence. A key element of his work is the application of quantitative models taken from behavior analysis

to characterize mechanisms by which chemicals disrupt behavior. With his students, he has become interested recently in model-based inference, hence this tutorial. Dr. Newland has served on the editorial boards of *JEAB*, *The Behavior Analyst*, *Neurobehavioral Toxicology and Teratology*, and is an associate editor of *Neurotoxicology*. He has served on numerous panels reviewing environmental policy and served as a regular member of the Neurotoxicology and Alcohol (NAL) Study Section for the NIH. He is currently examining the impact of exposure to drugs and contaminants during early development and adolescence and is seeking to link behavioral and epigenetic consequences of early neural damage.



Derek Pope grew up in Washington DC. He attended James Madison University where he graduated magna cum laude and earned his BA in behavior analysis. He then traveled to Auburn University and joined Chris Newland's behavioral pharmacology and toxicology lab, where he earned his Ph.D. in 2016. While at Auburn, he investigated the interactions between genotype, contextual stimuli, and d-amphetamine on delay discounting in mice, the effects of chronic cocaine exposure during adolescence on spatial discrimination reversal, delay discounting, and demand and response output under FR schedules, the effects of

chronic methylmercury exposure on interval timing, the acquisition of response chains, and high-rate responding, and, finally, how the application of theoretical and quantitative models may help to



understand the effects of various manipulations within and across these studies. He is now at Virginia Tech Carilion Research Institute's Addiction Research Recovery Center under the tutelage of Dr. Warren Bickel where he continues to research executive functioning, economic demand, and delay discounting, and continues to explore and exploit theoretical and quantitative models.

**Abstract:** Null Hypothesis Statistical Testing (NHST) was developed to provide an objective way to quantify inference. The result is a ritualized technique that is frequently necessary for publication despite criticisms that it is minimally informative, misleading, and produces unreproducible results. NHST tests the probability of the data given a null hypothesis that is rarely of interest and is often implausible. The result is a torturous statement of whether the data are likely to have occurred. An alternative approach, called Information Theoretic (IT) based inference, does not carry many of these problems because it returns a different probability. IT approaches ask the question of interest in model building: Of a set of models, which ones are best? And by how much? By building upon Akaike Information Criteria, IT inference returns the probability of the models considered given the data, numbers that are readily interpretable. Unlike NHST, the approach actually encourages the testing of many models in order to increase the chances of including good ones. Corrections for multiple comparisons are neither necessary nor appropriate. The tutorial will identify criticisms of NHST, offer a (relatively) nontechnical background for IT approaches, and provide examples of IT-based inference using spreadsheets.

### #193 Symposium

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9:00 am–9:50 am  
Convention Center 403/404  
EDC  
BACB CE Offered. CE Instructor: Robin Codding, Ph.D.

#### **Predictive Validity of Brief Functional Assessment Methods**

Chair: Robin Codding (University of Minnesota)

##### **Taylor Swift or Billy Ray Cyrus? A Paired-Assessment Method With Music**

ALICIA KRUGER, Edward J. Daly, and Mackenzie Sommerhalder (University of Nebraska-Lincoln) and Nicole C. Bricko (University of Nebraska)

##### **Combining Skill and Performance Interventions to Address Mathematics Difficulties: The Utility of Brief Experimental Analysis**

WHITNEY KLEINERT (University of Massachusetts Boston) and Robin Codding (University of Minnesota)

##### **Descriptive Assessment of Transition-Related Problem Behavior**

WILLIAM SULLIVAN and Brian K. Martens (Syracuse University), Nicole M. DeRosa (State University of New York, Upstate Medical University), and Henry S. Roane (Upstate Medical University)

### #194 Symposium

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9:00 am–9:50 am  
Convention Center 405  
EDC/PRA;

#### **Staff Supervision in an Educational Setting: BCBA/LBA Supervision Curricula and More**

Chair: Amanda W. Doll (Hawthorne Foundation Inc.)

##### **Evaluating Impact of a Module Treatment Package on Student Learning**

NOOR YOUNUS SYED (Teachers College, Columbia University), Tina Marie Covington (Hawthorne Country Day School), and Amanda W. Doll (Hawthorne Foundation Inc.)

##### **Evaluating Video Observations and the TPRA: Effects of Implementing a Prescriptive Model**

Noor Younus Syed (Teachers College, Columbia University), Amanda W. Doll (Hawthorne Foundation Inc.), and TINA MARIE COVINGTON (Hawthorne Country Day School)

##### **Development of Board Certified Behavior Analyst and New York State Licensed Behavior Analyst Supervision Curricula**

NICOLE PIECHOWICZ and Kim Arruda (Hawthorne Country Day School) and Noor Younus Syed (Teachers College, Columbia University)

## #195 Invited Presenter

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9:00 am–9:50 am  
Hyatt Regency, Mineral Hall D-G  
OBM: Applied Research  
PSY/BACB CE Offered. CE Instructor: Julie Smith, Ph.D.

### **Accelerating Strategy Execution by Orchestrating Leadership Role Modelling and Reinforcement**

Chair: Julie M. Slowiak (University of Minnesota Duluth)

JULIE SMITH (ChangePartner)



Julie is a world-class expert in applying behavior science in innovative ways to achieve unprecedented results in organizations. As co-founder of CLG, one of the world's largest behavior-based strategy execution firms, Julie and her colleagues pioneered the most powerful and practical organizational behavior-change approach available today, as evaluated by multiple independent benchmark studies conducted by organizations such as Chevron, the United Nations, and Bayer Corporation. Seeing a great need to improve healthcare provider performance, Julie launched ChangePartner in 2015. She and her team are developing a SMARTe Delivery

Excellence enterprise software system, based on Adaptive Behavior Analytics, that will transform healthcare. This technology platform will be like providing a personalized behavioral coach, at a moments notice, to any healthcare worker. Julie is looking forward to the day when the behavioral root causes of poor patient care are drastically reduced—or even eliminated—because of this innovative system. Julie holds a Ph.D. in Behavior Analysis from West Virginia University. She and her husband, Mickey, reside with their family in Fairmont, West Virginia, where they are building Heston Farm, a regional agri-tourism destination that includes the triple threat of a winery, distillery, and brewery.

**Abstract:** Senior leaders spend a tremendous amount of time planning and resourcing their strategic initiatives. Yet numerous studies have found that 70% of these strategies fall far short of their goals. Why? Employees have learned to wait out new initiatives to see if their leaders are serious about the change. They look for signs that go far beyond an exciting vision and the provision of ample resources; they want to see day-to-day leadership behaviors that indicate a sustained, personal commitment to the strategy. Through 30 years of consulting to senior leaders, the author has found a winning formula to quickly derive the top leadership behaviors that will accelerate strategy execution at any firm. The key is to find the unique behaviors that will signal a serious commitment to change for 'this strategy, this leadership team, at this point in time' and to get them implemented in a highly visible, coordinated way. Three case studies will be shared: (1) a global airline that improved the customer service delivered by 29,000 flight attendants; (2) a global oil company that improved capital decision making across 12,000 employees, and; (3) a pharmaceutical company that transformed itself into a patient centric, customer focused organization.

## #196 Paper Session

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9:00 am–9:50 am  
Hyatt Regency, Centennial Ballroom F/G  
PCH

### **Human Behavior: Complexity Theory and Computational Simulations**

Chair: Olivia Calvin (Emory University)

#### **Towards a Dynamic Account of Human Development (Theory)**

ANDREI POPA ([www.gre170.com](http://www.gre170.com))

#### **Perspectives on How Computational Simulations are Informative (Theory)**

OLIVIA CALVIN (Emory University)

## #197 Symposium

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9:00 am–9:50 am  
Convention Center Mile High Ballroom 2B  
PRA/TBA: Applied Research  
BACB CE Offered. CE Instructor: James Nicholson Meindl, Ph.D.

### **Noncontingent Reinforcement, Token Economies, and Delay Discounting: A Long Road to Practical Application**

Chair: James Nicholson Meindl (The University of Memphis)

#### **Noncontingent Reinforcement: An Evaluative Review of Procedures**

JAMES NICHOLSON MEINDL and Komal Noordin (The University of Memphis)

#### **Token Economy: A Systematic Review of Procedural Variations and Descriptions**

JONATHAN W. IVY (Penn State Harrisburg), James Nicholson Meindl and Eric Overley (University of Memphis), and Kristen Robson (Achievement Center)

#### **A Summary of Methods of Assessing Delay Discounting in Young Children**

JOHANNA STAUBITZ and Blair Lloyd (Vanderbilt University)

## #198 Symposium

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9:00 am–9:50 am

Convention Center Mile High Ballroom 2C

PRA; Service Delivery

BACB CE Offered. CE Instructor: Alison Kozlowski, Ph.D.

### **Practical Applications of Data Analysis and Assessment in the Treatment of Pediatric Feeding Disorders**

Chair: Megan Bratcher (Maryland ABA Kennedy Krieger Institute)

Discussant: Alison Kozlowski (Kennedy Krieger Institute)

#### **A Case Study: Behavioral Assessment and Treatment of a Child With Emesis in an Intensive Feeding Program**

DANIELLE TARVER ALEXANDER and Melissa Luke Gonzalez (Kennedy Krieger Institute, Johns Hopkins University School of Medicine)

#### **Within Versus Across Session Data Analysis in the Treatment of Pediatric Feeding Disorders**

JOHN BORGES (Oregon Institute of Technology) and Aaron D. Lesser (Kennedy Krieger Institute)

## #199 Symposium

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9:00 am–9:50 am

Convention Center 304

TBA/EDC; Applied Research

BACB CE Offered. CE Instructor: John W. Eshleman, Ed.D.

### **Contingency Analysis and Fluency Engineering in Higher Education**

Chair: Nolan Williams (University of North Texas)

#### **SAFMEDS and Fluency Building: A Decade of Research and Development**

JOHN W. ESHLEMAN (The Chicago School of Professional Psychology)

#### **The Comparative Effects of Cumulative and Unitary SAFMEDS in an Introductory Undergraduate Behavior Analysis Course**

OWEN JAMES ADAMS, Tomas Urbina, Rob J. Goodhue, and Traci M. Cihon (University of North Texas)

#### **The Effect of Exploratory Logs and Instructor Feedback on Student Identification of Functional Relations**

BRENNAN PATRICK ARMISHAW, Nolan Williams (University of North Texas), Carlos Lopez, and Traci M. Cihon (University of North Texas)

## #200 Panel Discussion

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### Supervision

9:00 am–9:50 am

Convention Center 401/402

TBA; Applied Research

BACB CE Offered. CE Instructor: Kyle E Rowsey, M.S.

### **Issues Regarding Graduate Training in Behavior Analysis: Practicum and Supervision**

Chair: Kyle E Rowsey (The University of Southern Mississippi)

KRISTEN LENA PADILLA-MAINOR (Baylor University)

MICHAEL E. ROHR (Behavioral and Counseling Services, LLC)

NOELLE NEAULT (Simmons College)

## #201 Symposium

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9:00 am–10:50 am

Convention Center Mile High Ballroom 4C/D

AUT/DDA; Service Delivery

BACB CE Offered. CE Instructor: Robert LaRue, Ph.D.

### **Variables That Affect Response Allocation and Choice in Populations With Special Needs**

Chair and discussant: Robert LaRue (Rutgers University)

#### **An Exploration of Temporal Discounting in Neurotypical Individuals and Individuals With Autism Spectrum Disorders**

MIKALA RAE HANSON and Robert LaRue (Rutgers University)

#### **A Translational Evaluation of the Effects of Reinforcer Magnitude on Variant Responding in Children With Autism Spectrum Disorder**

RAECHAL FERGUSON, Terry S. Falcomata, Hollie Wingate, and Samantha Brooke Swinnea (The University of Texas at Austin)

**The Effects of Signaled Delays on the Effectiveness of Differential Reinforcement of Other Behavior Reinforcement Systems**

DAVID SINGER, Robert LaRue, Mikala Rae Hanson, Odom Jaxye, and Rachel Davis (Rutgers University)

**An Evaluation of a Multi-Component Intervention for Loud Speech in Children With Autism Spectrum Disorder**

HAILEY ORMAND and Terry S. Falcomata (The University of Texas at Austin) and Elissa Spinks (Kennedy Krieger Institute)

**#202 Symposium**

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9:00 am–10:50 am

Hyatt Regency, Centennial Ballroom H

BPN/CBM; Service Delivery

BACB CE Offered. CE Instructor: David P. Jarmolowicz, Ph.D.

**Take Your Medicine!**

Chair: Amanda Devoto (Western Michigan University)

Discussant: Richard Wayne Fuqua (Western Michigan University)

**Smartphone-Based Reinforcement of Antiretroviral Adherence in HIV+ Adults**

AMANDA DEVOTO, David William Sottile, Haily Traxler, and Anthony DeFulio (Western Michigan University)

**Employment-Based Reinforcement to Promote Naltrexone Adherence and Opiate Abstinence**

BRANTLEY JARVIS and August F. Holtyn (Johns Hopkins University School of Medicine); Anthony DeFulio (Western Michigan University); Shrinidhi Subramaniam (Johns Hopkins University); Annie Umbricht, Michael Fingerhood, and George Bigelow (Johns Hopkins University School of Medicine); and Kenneth Silverman (Johns Hopkins University)

**On Costs, Benefits, and Treatment Adherence in Multiple Sclerosis**

DAVID P. JARMOLÓWICZ (The University of Kansas), Jared M. Bruce (University of Missouri-Kansas City), Amanda S. Bruce (The University of Kansas Medical Center; Children's Mercy Hospital), Sharon Lynch (The University of Kansas Medical Center), Seung-Lark Lim (University of Missouri-Kansas City), and Derek D. Reed (The University of Kansas)

**Delay Discounting of Pregnancy- and Condom-Protected Sex Among Methadone-Maintained Women**

DENNIS J. HAND, Lindsay Reid, and Diane Abatemarco (Thomas Jefferson University)

**#203 Symposium**

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9:00 am–10:50 am

Convention Center Mile High Ballroom 1C/D

DDA/PRA; Applied Research

BACB CE Offered. CE Instructor: Jennifer Quigley, M.A.

**Function-Based Assessment With Idiosyncratic Interventions to Address Socially-Maintained Problem Behavior**

Chair: Elizabeth Dayton (Melmark)

Discussant: Amanda Guld Fisher (Temple University)

**Assessment and Treatment of Idiosyncratic Variables in Individuals With Traumatic Brain Injury**

JENNIFER CRONER and Chris M. Schaub (ReMed Recovery Care Centers)

**An Evaluation of Teaching Children With Autism Spectrum Disorder to Accept No**

AMANDA GILL (Melmark) and Jennifer Quigley (Melmark; The Chicago School of Professional Psychology)

**Tolerance Training for Multiply Controlled Challenging Behavior: Teaching Aggressive Children to Deal With Disappointment**

CASEY CHAUVIN, Joseph Michael Lambert, Nealetta Houchins-Juarez, Naomi Parikh, and Nicole Joe Rogers (Vanderbilt University)

**Assessing Maintaining Variables of Multiply-Maintained Problem Behavior via Response Allocation Following Functional and Treatment Analyses**

JENNIFER QUIGLEY (Melmark; The Chicago School of Professional Psychology)

**#204 Symposium**

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10:00 am–10:50 am

Convention Center Mile High Ballroom 4E/F

AUT/PRA; Applied Research

BACB/QABA CE Offered. CE Instructor: Tiffany Kodak, Ph.D.

**Instructional Strategies That Promote Independent Responding and Reduce Dependence on Prompts**

Chair: Tiffany Kodak (University of Wisconsin–Milwaukee)

**Assessing Treatment Options for Pre-Existing Prompt Dependence**

ELLA M GORGAN, Tiffany Kodak, Brittany Benitez, and Samantha Bergmann (University of Wisconsin–Milwaukee)

**Evaluation of Stimulus Intensity Fading on Reduction of Rapid Eating in a Child With Autism**

AMBER VALENTINO (Trumpet Behavioral Health - Monterey Bay) and Linda A. LeBlanc and Paige Raetz (Trumpet Behavioral Health)

**An Evaluation of the Effects of Fading Procedures on Children Using Activity Schedules to Play on the Playground Appropriately**

KYLEE LEWIS (Utah State University), Thomas S. Higbee (Utah State University)

**#205 Symposium**

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10:00 am–10:50 am

Convention Center Mile High Ballroom 3B

AUT/DDA; Applied Research

BACB CE Offered. CE Instructor: Brooke Diane Walker, M.S.

**The Utility of New Technological Advances for Assessment and Curriculum in Enhancing Language Skills Within Human Service Agencies**

Chair: Leah Verkuylen (Southern Illinois University)

**The Use of Behavioral Skills Training on a System-Wide Roll Out of PEAK in a Human Service Agency**

JENNIFER MARTIN, Morgan Wicks, and Joshua K. Pritchard (JKP Analysts, LLC)

**Factors that Influence Choice and Their Implications for Preference Assessments in PEAK**

MICHAEL PALMER, Michael Brooks, Noell Jankowski, Christie L. Nutkins, and Seth W. Whiting (Central Michigan University; Central Autism Treatment Centers)

**An Investigation of the Validity of PEAK Transformation: An Assessment of Relational Responding, Normative Sampling, and IQ**

BROOKE DIANE WALKER (Southern Illinois University), Liza Marquie (Transformation Learning Inc.), and Mark R. Dixon (Southern Illinois University)

**#206 Symposium**

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10:00 am–10:50 am

Convention Center Mile High Ballroom 4A

AUT/DDA; Applied Research

BACB CE Offered. CE Instructor: Sarah M. Dunkel-Jackson, Ph.D.

**Promoting Complex Generalized Responding in Children With Autism Through Advanced Technologies**

Chair: Amani Alholail (Southern Illinois University)

**Using a Random Stimulus Design With the PEAK Curriculum for Objective Analysis of Concept Mastery**

SETH W. WHITING, Michael Brooks, and Marcel Kirberg (Central Michigan University; Central Autism Treatment Centers)

**Validity and Effectiveness of PEAK for Intensive Behavioral Interventions**

SARAH M. DUNKEL-JACKSON (Southern Illinois University; Kinark Child and Family Services) and Mark R. Dixon (Southern Illinois University)

**Graduate Student Implementation of PEAK Direct Training in a University Clinical Setting With Individuals With Disabilities**

BENJAMIN REYNOLDS, Brian James Feeney, and Larry Williams (University of Nevada, Reno)

**#207 Symposium**

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10:00 am–10:50 am

Hyatt Regency, Capitol Ballroom 5-7

CBM; Basic Research

BACB CE Offered. CE Instructor: Jonathan J. Tarbox, Ph.D.

**Contingencies Involved in Pathological Processes**

Chair: Meagan Perkins (University of Louisiana at Lafayette)

Discussant: Jonathan J. Tarbox (FirstSteps for Kids)

**An Examination of the Effects of Derived Causal Efficacy on Impulsivity and Inattention**

CALEB FOGLE, Benjamin Manuel Ramos, and Emily Kennison Sandoz (University of Louisiana at Lafayette)

**Development of a Behavioral Assessment of Delay Discounting**

LISA HARRISON, Jessica Auzenne, and Emily Kennison Sandoz (University of Louisiana at Lafayette)

## #208 Paper Session

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10:00 am–10:50 am  
Hyatt Regency, Capitol Ballroom 4  
CBM

### **Behavioral Issues Related to Marriage and Sexuality**

Chair: Anai Borges Borges Ribeiro Cesar (Capella University)

#### **Applied Behavior Analysis Applied to Marital Behavior Change: Behaviorally Sound Approaches to “Marriage Counseling” and “Marital Therapy”** (Service Delivery)

RICHARD COOK (Penn State University; Applied Behavioral Medicine Associates)

#### **Transsexuality: Instruction and Monitoring of People Opting for Sex Reassignment Surgery** (Service Delivery)

ANAI BORGES RIBEIRO CESAR (Capella University) and Vania Sant ana (Universidade Estadual de Maringa)

## #209 Symposium

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10:00 am–10:50 am  
Hyatt Regency, Mineral Hall A-C  
CSS/OBM; Applied Research

### **Research on a Low Cost Treatment for Pedestrian Safety: More Variables Influencing the Efficacy of the Gateway Treatment**

Chair: Ron Van Houten (Western Michigan University)

#### **Passive Effects of the Gateway In-Street Sign Configuration on Vehicle Speed**

DE'LOM DIXON and Ron Van Houten (Western Michigan University)

#### **Distance Variations of the Gateway In-Street Sign Configuration on Increasing Pedestrian Safety**

JOSHUA JAMES TURSKE and Ron Van Houten (Western Michigan University)

#### **The Effects of Gateway Width on the Percentage of Drivers Yielding to Pedestrians: A Parametric Analysis**

JONATHAN HOCHMUTH and Ron Van Houten (Western Michigan University)

## #210 Symposium

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10:00 am–10:50 am  
Hyatt Regency, Capitol Ballroom 1-3  
DEV  
BACB CE Offered. CE Instructor: Kathryn Glodowski, Ph.D.

### **Infant Behavior and Infant Caregiving: Addressing Bold Claims and Common Recommendations**

Chair: Kathryn Glodowski (University of Nebraska Medical Center's Munroe-Meyer Institute)

#### **Do Infants Make Moral Judgments? Investigating Other Probable Explanations**

Tyler Nighbor (West Virginia University), CAROLYNN S. KOHN and Matthew P. Normand (University of the Pacific), and Henry D. Schlinger (California State University, Los Angeles)

#### **The Rooting Reflex as an Infant Feeding Cue**

KATHRYN GLODOWSKI (University of Nebraska Medical Center's Munroe-Meyer Institute) and Rachel H. Thompson and Lauren Marie Martel (Western New England University)

#### **Educating Caregivers About Infant Positioning and Improving Infant Intolerance of Tummy Time**

AMBER E. MENDRES-SMITH, John C. Borrero, Mariana I. Castillo, Barbara J. Davis, Jessica Becraft, and Shuyan Sun (University of Maryland, Baltimore County) and Brenda Hussey-Gardner (University of Maryland, School of Medicine)

## #211 Symposium

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10:00 am–10:50 am  
Hyatt Regency, Centennial Ballroom B/C  
EAB/PCH;

### **Discounting: Reconsidering our Methods and Measures**

Chair: Matt Locey (University of Nevada, Reno)

#### **A One-Week Method for Assessing Delay Discounting in Rodents**

CARLA H. LAGORIO (University of Wisconsin-Eau Claire)

#### **Verbal Behavior and Risky Choice in Humans**

DAVID J. COX and Jesse Dallery (University of Florida)

#### **AUC Versus k: Are Theories of Discounting Necessary?**

MATT LOCEY, Laura Barcelos Nomicos, and Courtney Smith (University of Nevada, Reno)

## #212 Invited Presenter

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10:00 am–10:50 am  
Hyatt Regency, Centennial Ballroom D  
EAB; Applied Research  
PSY/BACB CE Offered. CE Instructor: Douglas Elliffe, Ph.D.

### **How Much of Apparent Complex Cognition Can a Purely Behavioral Account Explain?**

Chair: Elizabeth Kyonka (University of New England)

DOUGLAS ELLIFFE, Alex Taylor, and Brenna Knaebe (The University of Auckland) and Russell Gray (The University of Auckland; Institute for the Science of Human History)



Douglas Elliffe has been at the University of Auckland, New Zealand, as student and staff, since 1979. He recently finished a term as head of the Psychology Department, and is now deputy dean of the Faculty of Science. He has served as associate editor of the *Journal of the Experimental Analysis of Behavior* and reviewed for a wide variety of other journals, both behavioral and non-behavioral. He has been a member of the Scientific Advisory Panel for the Geneva International Centre for Humanitarian Demining and on the Ecology, Evolution and Behaviour panel for the Royal Society of New Zealand's Marsden Fund, NZ's principal funding body for basic science.

His research lab, the Experimental Analysis of Behaviour Research Group, won the 2009 Society for the Advancement of Behavior Analysis international award for Enduring Programmatic Contributions in Behavior Analysis. Doug has supervised or co-supervised over 60 postgraduate research students, often in collaboration with Michael Davison. Doug's main lines of research have been firmly in the tradition of the experimental analysis of behavior, both on quantitative modelling and experimental analyses of choice, and more recently on a reconceptualization of the way in which reinforcement controls behavior. A second line of research, and the topic of this lecture, is offering behavioral/behaviorist accounts of apparent complex cognition in animals, particularly New Caledonian crows.

**Abstract:** Lloyd Morgan's Canon advises that animal behavior should not be interpreted in terms of higher psychological processes if it can be fairly interpreted in terms of processes which stand lower in the scale of psychological evolution and development. Leaving aside how we might define 'higher' and 'lower', this is encouraging to the behaviorist, except that we might say that interpreting human behavior should be subject to the same strictures. But, whether an explanation appealing to the simplest possible processes works is an empirical matter. In this talk I'll describe three experiments with New Caledonian crows, two published and one not at the time of writing, on putative behavioral innovation in metatool use, putative causal understanding in the Aesop's Fable task, and putative flexibility of tool manufacture in response to environmental demands. I'll explore the role of the behaviorist in contributing interpretations and devising control conditions when collaborating with behavioral ecologists, consider how the word fairly in Morgan's Canon should be interpreted, and discuss how we should be guided by the principle of parsimony in understanding behavior.

## #213 Symposium

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10:00 am–10:50 am  
Convention Center 403/404  
EDC  
BACB CE Offered. CE Instructor: Brian K. Martens, Ph.D.

### **Increasing Children's Math Work Completion by Offering a Choice of Interventions and Reinforcement Contingencies**

Chair: Brian K. Martens (Syracuse University)

**Student Choice of Math Interventions: Investigating the Effects of Choice on Digits Correct per Minute**  
MEGHAN SILVA (University of Massachusetts Boston), Robin Coddling (University of Minnesota), Melissa Collier-Meek (University of Massachusetts Boston), and Adam Feinberg (University of Connecticut)

### **Children's Preference for Mixed- Versus Fixed-Ratio Reinforcement Schedules: A Translational Study of Risky Choice**

MICHAEL PATRICK MULLANE, Brian K. Martens, Emily L. Baxter, and Danica VerSteege (Syracuse University)

### **Effects of Group Contingencies on Children's Math Accuracy: Class Average Versus Randomly Selected Small-Groups**

CHRISTOPHER SKINNER (University of Tennessee), Katelyn Scott and Tara Moore (University of Tennessee, Knoxville), and Merilee McCurdy and Dennis Ciancio (University of Tennessee)



## #214 Symposium

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10:00 am–10:50 am  
Convention Center Mile High Ballroom 2A  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: Alissa Anne Conway, M.A.

**Toward an Understanding and Application of Necessary Components of Written Behavior Plans**  
Chair: Alissa Anne Conway (Western Michigan University)

**Reviewing Necessary Components of Written Behavior Plans**

SHAWN P. QUIGLEY (University of New Mexico Medical Group) and Robert K. Ross (Beacon ABA Services)

**Creating Electronic Behavior Support Plan Templates**

CODY MORRIS (Western Michigan University)

**Creation and Utilization of A Rubric for Behavior Support Plans**

ALISSA ANNE CONWAY (Western Michigan University)

## #215 Panel Discussion

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Ethics

10:00 am–10:50 am  
Convention Center Mile High Ballroom 1E/F  
PRA; Service Delivery  
BACB/QABA CE Offered. CE Instructor: Michele R. Traub, Ph.D.

**From Reinforcers to Religion: Navigating Ethical and Professional Issues in Multicultural Service Delivery**

Chair: Michele R. Traub (St. Cloud State University)

KAR YAN CATHERINE TAM (Autism Partnership Hong Kong)

PAMELA OLSEN (The New England Center for Children - Abu Dhabi)

MARGARET BLOOM (Behavior Analyst Certification Board)

## #216 Symposium

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10:00 am–10:50 am  
Convention Center Four Seasons Ballroom 2/3  
PRA/PCH; Applied Research  
BACB CE Offered. CE Instructor: Douglas E. Kostewicz, Ph.D.

**A Crisis in Visual Analysis: Examining Current Analytical Practices in ABAB and Multielement Designs**

Chair: Douglas E. Kostewicz (University of Pittsburgh)

Discussant: William L. Heward (The Ohio State University)

**Assessing Within Condition: Graphical Analysis Practices for ABAB Designs**

DOUGLAS E. KOSTEWICZ (University of Pittsburgh) and Richard M. Kubina (Penn State University)

**Quantifying Function Within Functional Analyses Using Multielement Designs**

RICHARD M. KUBINA (Penn State University), Douglas E. Kostewicz (University of Pittsburgh), and Sal Ruiz (Penn State University)

## #217 Symposium

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10:00 am–10:50 am  
Convention Center Mile High Ballroom 2C  
PRA/EDC; Applied Research  
BACB CE Offered. CE Instructor: Bryan J. Blair, M.S.

**Stimulus Equivalence-Based Instruction: Recent Advances in Training Parameters and Content Domains**

Chair: Leif Albright (Caldwell University)

**Using Stimulus Equivalence-Based Instruction to Teach Schedules of Reinforcement to College Students**

LEIF ALBRIGHT, Meg Lipper, Kenneth F. Reeve, Sharon A. Reeve, and April N. Kisamore (Caldwell University) and Antonios Varelas (Hostos Community College, City University of New York)

**Contextual Control of Behavioral or Medical Pediatric Stimulus Classes Taught With Equivalence-Based Instruction**

JESSICA DAY-WATKINS, Kenneth F. Reeve, Sharon A. Reeve, and Jason C. Vladescu (Caldwell University) and James E. Connell (Drexel University)

**Using Stimulus Equivalence-Based Instruction to Teach Visual Analysis of Graphs**

BRYAN J. BLAIR, Lesley A. Shawler, and Samantha Russo (Endicott College); Jonathan J. Tarbox (FirstSteps for Kids; Endicott College); and Michael F. Dorsey (Endicott College)

## #218 Invited Presenter

Recorded Session

10:00 am–10:50 am  
Convention Center Four Seasons Ballroom 4  
PRA; Service Delivery  
PSY/BACB CE Offered. CE Instructor: Lorri Shealy Unumb, Ph.D.

### Don Baer Lecture: Autism, ABA, and Health Care Fraud

Chair: Steven Woolf (Beacon ABA Services)

LORRI SHEALY UNUMB (Autism Speaks)



Lorri Shealy Unumb is a lawyer, professor, and the mother of three children: Ryan (15), who has classic autism; Christopher (11); and Jonathan (8), who has Asperger's. In 2005, she wrote ground-breaking autism insurance legislation for South Carolina (Ryan's Law) that passed in 2007 and served as the catalyst for the national movement toward autism insurance reform. Lorri began her work in autism advocacy as a volunteer. In 2008, she was recruited by the New York-based nonprofit Autism Speaks, where she now advocates full-time on behalf of individuals with autism. As head of state government affairs, she has testified more than 100 times on health insurance issues in legislatures around the country.

**Abstract:** Increased availability of reimbursement options in autism intervention has led to increased scrutiny of the business practices of autism service providers. In particular, providers of Applied Behavior Analysis have been subject to increased scrutiny of their billing practices, which has on several occasions led to federal investigations. This session will equip providers with basic information about the federal government's tools for investigating and prosecuting health care fraud.

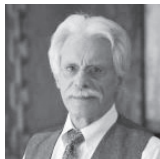
## #219 Invited Presenter

10:00 am–10:50 am  
Convention Center 401/402  
TBA; Service Delivery  
PSY CE Offered. CE Instructor: Michael Marks, Ph.D.

### Supportive Education for Returning Veterans (SERV): An Evidence-Based Curriculum

Chair: Gabrielle T. Lee (Michigan State University)

MICHAEL MARKS (University of Arizona)



Dr. Marks is currently a professor of practice in psychology and program director of the supportive education for returning veterans at the University of Arizona. Previously, he served as lead psychologist at the Southern Arizona VA Health Care System. Dr. Marks was co-founder of Vietnam Veterans of Montana and has received the Disabled Americans Veterans Humanitarian Award. He was selected as the 2012 Outstanding Clinician of the Year by the American Psychological Association's Division 18, VA Section. He is also co-developer of the Supportive Education for Returning Veterans (SERV) program, which is a cohort-based curriculum designed to help veterans transition from military to academic life. The SERV curriculum has been cited by the Veteran's Administration (VA) as a best practice and is part of the VA's "Strong Practices Project." Dr. Marks has been recognized by the VA Office of Academic Affiliations for his distinguished career as an educational leader in the VA and his field.

**Abstract:** The SERV curriculum has been able to retain and graduate ninety percent of the student veterans that complete the courses. The curriculum model includes credit-bearing resiliency orientation to full semester courses. Courses are cohort-based, learner-centered, and use a problem-based learning model that promotes a healthy support system as student veterans navigate their academic career.

## #220 Symposium

10:00 am–11:50 am  
Convention Center Mile High Ballroom 3C  
AUT/PRA; Service Delivery  
BACB CE Offered. CE Instructor: Gina Marie Feliciano, Ph.D.

### The Struggle is Real: Behavior Analysis Applied to a System, Examples From Real Life

Chair: Gina Marie Feliciano (QSAC)

Discussant: Peter Sturmey (The Graduate Center and Queens College, City University of New York)

#### What Behavior Analysis Can Do for Special Education Services: A Real Life Example

GINA MARIE FELICIANO (QSAC)

#### The Effects of Pyramidal Training on Staff Acquisition of Five Behavior Analytic Skills

LINDSAY MAFFEI ALMODOVAR (The Graduate Center and Queens College, City University of New York)

Sunday, May 28

**A Comparison of the Effects of Prompt-Fading Procedures on Skill Acquisition in Children With Autism Spectrum Disorder**

Mirela Cengher and DANIEL MARK FIENUP (The Graduate Center and Queens College, City University of New York), Gina Marie Feliciano (QSAC), Amy J. Davies Lackey (Manhattan Childrens Center), and Lindsay Maffei Almodovar (The Graduate Center and Queens College, City University of New York)

**An Examination of Three Parent Training Strategies in the Promotion of Generalization to Home and Community**

AMY J. DAVIES LACKEY, Jonathan Bakalar, and Charles Reynolds IV (Manhattan Childrens Center)

**#221 Symposium**

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10:00 am–11:50 am

Convention Center Mile High Ballroom 2B

AUT/DDA; Applied Research

BACB/QABA CE Offered. CE Instructor: Mahshid Ghaemmaghmi, Ph.D.

**Evaluating the Efficacy and Effectiveness of Treatments for Severe Problem Behavior**

Chair: Jacqueline N. Potter (Cohasset Public School District)

Discussant: Louis P. Hagopian (Kennedy Krieger Institute)

**The Boss Hat: Treating Destructive Behavior Reinforced by Increased Caregiver Compliance With the Child's Mand**

TODD M. OWEN and Wayne W. Fisher (University of Nebraska Medical Center's Munroe-Meyer Institute), Henry S. Roane (State University of New York Upstate Medical University), Jessica Akers (University of Nebraska Medical Center's Munroe-Meyer Institute), and William Sullivan (State University of New York Upstate Medical University)

**Self-Injurious Behavior. A Review of the Literature: 2001–2016**

LESLEY A. SHAWLER and Bryan J. Blair (Endicott College), Samantha Russo (Melmark PA; Endicott College), Emily Debacher (Endicott College), SungWoo Kahng (University of Missouri; Endicott College), and Michael F. Dorsey (Endicott College)

**Achieving Socially Significant Reductions in Problem Behavior Following the Interview-Informed Synthesized Contingency Analysis**

JOSHUA JESSEL (Child Study Center), Einar T. Ingvarsson and Rachel Metras (Child Study Center; University of North Texas), and Hillary Kirk and Ruth Whipple (Child Study Center)

**Functional Communication Training: From Efficacy to Effectiveness**

MAHSHID GHAEMMAGHAMI (University of the Pacific; Western New England University), Gregory P. Hanley (Western New England University), and Joshua Jessel (Child Study Center; Western New England University)

**#222 Symposium**

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10:00 am–11:50 am

Convention Center Four Seasons Ballroom 1

DDA/AUT; Service Delivery

BACB CE Offered. CE Instructor: Sarah E. Bloom, Ph.D.

**Extension and Refinement: Functional Analysis of Problem Behavior**

Chair: Anna Garcia (University of South Florida)

Discussant: Sarah E. Bloom (University of South Florida)

**Functional Analysis of Immediate Echolalia**

JENNIFER N. HADDOCK and Brian A. Iwata (University of Florida)

**Problem Behavior Maintained by a Response-Response Relation**

SARAH C. MEAD and Brian A. Iwata (University of Florida) and Kathryn Guenivere Horton Topham (University of Florida; Next Steps Behavioral Centers)

**Parent-Implemented Trial-Based Functional Analyses**

Anna Garcia, Sarah E. Bloom, CLAUDIA CAMPOS, and Jennifer Rebecca Weyman (University of South Florida)

**A Comparison of Functional Analyses Conducted in Spanish and English**

Sarah E. Bloom, ANNA GARCIA, Claudia Campos, Diego Valbuena, and Jennifer Rebecca Weyman (University of South Florida)

## #223 Symposium

Supervision

10:00 am–11:50 am  
Convention Center Mile High Ballroom 1A/B  
DDA/PRA: Service Delivery  
BACB CE Offered. CE Instructor: Claire C. St. Peter, Ph.D.

### Measuring and Evaluating Treatment Integrity

Chair: Brittany LeBlanc (University of Wisconsin–Milwaukee)  
Discussant: Florence D. DiGennaro Reed (The University of Kansas)

#### Procedural Integrity Data Collection and Analysis When Training Paraprofessionals to Implement Discrete-Trial Training

STEPHANIE SMOTHERMON, Dorothea C. Lerman, Kally M Luck, Taylor Custer, and Brittany Zey (University of Houston–Clear Lake)

#### An Examination of Treatment Integrity Criteria: Comparison of Training Outcomes Using Different Mastery Criteria

MARY HALBUR, Tiffany Kodak, Brittany LeBlanc, Samantha Bergmann, and Mike Harman (University of Wisconsin–Milwaukee)

#### Efficacy of Differential Reinforcement of Other Behavior Implemented With Reduced Treatment Integrity

GABRIELLE MESCHES, Claire C. St. Peter, Apral Foreman, and Lucie Romano (West Virginia University)

#### Effects of Treatment Integrity Errors on Responding: A 15 Year Review

DENYS BRAND, Florence D. DiGennaro Reed, Amy J. Henley, Elizabeth Gray, and Brittany Crabbs (The University of Kansas)

## #224 Symposium

10:00 am–11:50 am  
Hyatt Regency, Centennial Ballroom E  
EAB/DDA; Service Delivery  
BACB CE Offered. CE Instructor: Apral Foreman, M.S.

### Exploring Timeout From Positive Reinforcement: A Translational Approach

Chair: Cory Whirtley (West Virginia University)  
Discussant: Iser Guillermo DeLeon (University of Florida)

#### Effects of the Time-In Environment on the Punitive Function of Timeout From Positive Reinforcement

CORY WHIRTLEY, Forrest Toegel, and Michael Perone (West Virginia University)

#### Trials and Tribulations of Timeout Research in the Lab

CHRISTINE E. HUGHES and Lea Crusen (University of North Carolina Wilmington), Amanda Rickard (Cape Fear ABA, P.C.), and Raymond C. Pitts (University of North Carolina Wilmington)

#### Evaluating Treatment Integrity Failures During Timeout From Play

APRAL FOREMAN and Claire C. St. Peter (West Virginia University)

#### An Evaluation of a Time-Out Release Contingency Procedure That Both Adds and Subtracts Time

JEANNE M. DONALDSON (Louisiana State University), Katie Wiskow (California State University, Stanislaus), and Ashley Matter (Texas Tech University)

## #225 Symposium

10:00 am–11:50 am  
Convention Center 405  
EDC/CSS;  
BACB CE Offered. CE Instructor: Joanne K. Robbins, Ph.D.

### Behavior Analysis and Critical Thinking Skills: Mutually Exclusive Worlds or Strange Bedfellows?

Chair: Joanne K. Robbins (Morningside Academy)  
Discussant: Jose A. Martinez-Diaz (Florida Institute of Technology and ABA Tech)

#### How Can I Take a Picture of a Raindrop? A Behavior Analytic Approach to Inquiry Learning

JOANNE K. ROBBINS (Morningside Academy)

#### Analyzing Student Performance While Learning Reasoning Skills: An Error Analysis

SEAN MICHAEL WILL and Lucero Neri (University of North Texas), Joanne K. Robbins (Morningside Academy), and Jesus Rosales-Ruiz (University of North Texas)

#### Focus on Active Listening: Elements of a Successful Implementation in Teaching Problem Solving

LUCERO NERI, Sean Michael Will, and Jesus Rosales-Ruiz (University of North Texas) and Joanne K. Robbins (Morningside Academy)

#### Errors in Problem Solving, Logical Fallacies, and Critical Thinking Skills: Important Distinctions and a New Role for Behavior Analysis

SUSAN K. MALMQUIST (Consultant)

Sunday, May 28

## #226 Paper Session

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10:00 am–11:50 am  
Hyatt Regency, Centennial Ballroom F/G  
PCH

### **Conceptual Issues: Continuity, Time, Organism, and Truth**

Chair: Jay Moore (University of Wisconsin–Milwaukee)

#### **Behavior is Behavior—At Least in Theory: Examining Continuity Theory in Modern Behavior Analysis** (Theory)

NEAL SHIPLEY (The Chicago School of Professional Psychology, Online)

#### **Behavior Analytic Pragmatism** (Theory)

JAY MOORE (University of Wisconsin–Milwaukee)

#### **The Organism Is Always Right: What Does It Mean?** (Theory)

EDWARD K. MORRIS (The University of Kansas)

#### **Time: Some Questions for a Behavioral Analysis** (Theory)

M. N. HEGDE (California State University, Fresno)

## #227 Symposium

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10:00 am–11:50 am  
Convention Center Mile High Ballroom 3A  
VRB/EAB;  
BACB CE Offered. CE Instructor: Samantha Bergmann, M.A.

### **The Science of Skinner's Analysis of Verbal Behavior: Theory and Basic Research**

Chair: Samantha Bergmann (University of Wisconsin–Milwaukee)

Discussant: David C. Palmer (Smith College)

#### **Examining the Effects of an Unrelated Auditory Stimulus on the Accuracy and Latency to Respond to a Math Task**

MIKE HARMAN, Tiffany Kodak, Samantha Bergmann, Brittany LeBlanc, Christopher Baumann, Leah Bohl, and Gabriella Rachal Van Den Elzen (University of Wisconsin–Milwaukee)

#### **The Effects of Listener Training on the Emergence of Analogical Reasoning**

GAREEN SUZANNE MEYER and Caio F. Miguel (California State University, Sacramento), Charisse Ann Lantaya (H.O.P.E. Consulting, LLC), Clara Cordeiro and Tatiana Zhirnova (California State University, Sacramento), and Adrienne Jennings (H.O.P.E. Consulting, LLC)

#### **Acquisition of a Small Artificial Language as an Analogue of Second Language Learning**

JAMES R. MELLOR and Anna I. Petursdottir (Texas Christian University)

#### **The Language of Science: A Brief Sketch of Radical Epistemology**

MATTHEW P. NORMAND (University of the Pacific)

## #228 Paper Session

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11:00 am–11:20 am  
Convention Center Mile High Ballroom 3B  
AUT

### **Social and Developmental Outcomes for Toddlers Involved in Project DATA**

Chair: Bonnie J. McBride (The University of Oklahoma Health Sciences Center)

#### **Social and Developmental Outcomes for Toddlers Involved in the Project DATA Model Trial** (Service Delivery)

BONNIE J. MCBRIDE (The University of Oklahoma Health Sciences Center)

## #229 Paper Session

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11:00 am–11:20 am  
Convention Center 403/404  
EDC

### **Improving Communication and Behavior in Students With Emotional/Behavioral Disorders**

Chair: Alexandra Hollo (West Virginia University)

#### **Improving Communication and Behavior in Classrooms Including Students With Emotional/Behavioral Disorders: A Review of Two Approaches** (Theory)

ALEXANDRA HOLLO (West Virginia University)

## #230 Symposium

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11:00 am–11:50 am  
Hyatt Regency, Centennial Ballroom H  
AAB/EAB; Applied Research  
BACB CE Offered. CE Instructor: Terri M. Bright, Ph.D.

### **Smells Like Stimulus Control Across Continents: Odor-Sniffing Giant African Rats and Shelter Dogs**

Chair: Valerie Segura (Jacksonville Zoo and Gardens)  
Discussant: Chris Varnon (Oklahoma State University)

#### **Stimulus Control: Lessons Learned From Olfaction Research in a Resource-Poor Area**

HAYLEE ELLIS (Waikato University)

#### **Canine “Sniffer” Training: Science and Enrichment for Shelter Dogs**

TERRI M. BRIGHT (MSPCA Angell)

## #231 Symposium

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11:00 am–11:50 am  
Convention Center Mile High Ballroom 4C/D  
AUT/DDA; Applied Research  
BACB CE Offered. CE Instructor: Robert W. Isenhower, Ph.D.

### **Barriers to Positive Employment Outcomes for Adults With Autism Spectrum Disorders**

Chair: Robert W. Isenhower (Douglass Developmental Disabilities Center, Rutgers University)  
Discussant: Christopher Manente (Rutgers Center for Adult Autism Services, Rutgers University)

#### **Response Interruption and Redirection as an Intervention for an Adult With Autism to Address Automatically-Maintained Stereotypical Behavior in Vocational Placements**

JAMES MARAVENTANO (Douglass Developmental Disabilities Center, Rutgers University) and Jenna Budge and Robert LaRue (Rutgers University)

#### **The Use of Vocational Assessments to Improve Employment Outcomes for Individuals With Autism Spectrum Disorders**

JENNA BUDGE, Robert LaRue, and Kimberly Boley (Rutgers University); James Maraventano (Douglass Developmental Disabilities Center, Rutgers University); and Jacqueline Smith (Rutgers University)

## #232 Symposium

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11:00 am–11:50 am  
Convention Center Mile High Ballroom 4E/F  
AUT; Applied Research  
BACB CE Offered. CE Instructor: Ruth M. DeBar, Ph.D.

### **Innovative Technological Applications to Teach Conversation, Exercise, and Vocational Skills to Learners With ASD**

Chair: Ruth M. DeBar (Caldwell University)

#### **Using the iPad App Siri to Increase Conversational Speech in Children With ASD**

BENJAMIN R. THOMAS (Claremont Graduate University) and Marjorie H. Charlop and Stephanie Haft (Claremont McKenna College)

#### **The Effects of a Video-Enhanced Fitness Schedule on Exercise Behavior**

RAQUEL TORRES, Ruth M. DeBar, and Sharon A. Reeve (Caldwell University); Linda S. Meyer (Linda S. Meyer Consulting, LLC); and Tina Marie Covington (Hawthorne Country Day School)

#### **Generalization of Paraprofessional-Implemented Video Prompting to Teach Vocational Skills to Students With Autism Spectrum Disorder**

RACHEL SEAMAN, Helen I. Cannella-Malone, Matthew Brock, and Scott Dueker (The Ohio State University)

## #233 Symposium

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11:00 am–11:50 am  
Convention Center Mile High Ballroom 4A  
AUT/PRA; Service Delivery  
BACB CE Offered. CE Instructor: Valerie R. Rogers, Ph.D.

### **Insurance-Funded Applied Behavior Analysis Programs: Essential Components of Empirically Supported Treatment and Corresponding Outcomes**

Chair: Valerie R. Rogers (The ABRITE Organization)

#### **Creating Optimal Outcomes: Implementation of Empirically Supported Intervention Components in Insurance-Funded Applied Behavior Analytic Services**

JANICE DONEY FREDERICK, Ginger R. Wilson, and Valerie R. Rogers (The ABRITE Organization)

**An Examination of Outcomes for Various Types of Learners Enrolled in Insurance-Funded Behavior Analytic Programs**

GINGER R. WILSON, Valerie R. Rogers, Samuel Garcia, Kinga Wolos-Zachmeier, and Janice Doney Frederick (The ABRITE Organization)

**Treatment Outcomes From Insurance Funded Applied Behavior Analysis Programs: A Closer Analysis of Individual Variables, Skill Gains, and Standardized Assessments**

VALERIE R. ROGERS, Janice Doney Frederick, Samuel Garcia, Kinga Wolos-Zachmeier, and Ginger R. Wilson (The ABRITE Organization)

**#234 Symposium**

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11:00 am–11:50 am  
Hyatt Regency, Capitol Ballroom 4  
CBM; Applied Research

**The Latest in Time-Out and Compliance Training Research**

Chair: Jeffrey F. Hine (Vanderbilt University Medical Center)

**Evaluation of a Modified Incidental Teaching Procedure to Increase Child Compliance**

COREY MILES COHRS (Apex Children's Program) and Keith D. Allen (University of Nebraska Medical Center's Munroe-Meyer Institute)

**The Effect of Warnings to Timeout on Child Compliance to Parental Instructions**

LENY D. VELASQUEZ VELASQUEZ (Centre for Autism Services Alberta), Ana M. Cathcart (University of Nebraska–Lincoln), and Abigail Kennedy and Keith D. Allen (University of Nebraska Medical Center's Munroe-Meyer Institute)

**Non-Exclusion Time-Out for Children's Problem Behavior: Parameters, Effectiveness, and Practical Considerations**

ABIGAIL KENNEDY (University of Nebraska Medical Center's Munroe-Meyer Institute) and William J. Warzak (University of Nebraska Medical Center)

**#235 Symposium**

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11:00 am–11:50 am  
Hyatt Regency, Capitol Ballroom 5-7  
CBM/OBM; Service Delivery  
BACB CE Offered. CE Instructor: Timothy M. Weil, Ph.D.

**Making Behavior Matter: Personal and Organizational Values From a Behavior Analytic Perspective**

Chair: Victoria Summers (University of Louisiana at Lafayette)  
Discussant: Joshua K. Pritchard (Florida Institute of Technology)

**Unpacking Values From a Behavior Analytic Perspective and Finding the Value in Understanding for Practice**

TIMOTHY M. WEIL (Tandem Behavioral Health & Wellness)

**Transformation of Values Functions Through the Incorporation of Organizational With Personal Values**

MADISON GAMBLE (University of Louisiana at Lafayette)

**#236 Invited Presenter**

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11:00 am–11:50 am  
Hyatt Regency, Mineral Hall D-G  
CSS; Applied Research  
BACB CE Offered. CE Instructor: Criss Wilhite, Ph.D.

**Sustainability and Student Engagement at Fresno State**

Chair: Angela Sanguinetti (University of California, Davis)

CRISS WILHITE (Fresno State)



Criss Wilhite began teaching at Fresno State in 1986. She is a Board Certified Behavior Analyst (BACB) with degrees in Psychology, Philosophy and Art, all from Fresno State. With the help and support of the Psychology faculty, she developed the BACB-approved undergraduate Applied Behavior Analysis (ABA) Program in 1998, the graduate program in ABA in 2005, and the Interdisciplinary ABA program in 2008. These programs, and the faculty hired to develop and direct them, have resulted in the Positive Parenting Program, The Autism Center at Fresno State, Focused Services, and Social Connections. Criss is former director of the undergraduate ABA program, the Positive Parenting Program and the IABA Program. She was Chair of the Archival Committee for the B. F. Skinner Foundation from 2007 to 2010 and has been an advisor to the Cambridge Center for Behavioral Studies since 2007. She received the Fresno State Psi Chi Instructor of the Year award 10 times.



**Abstract:** Since 2009, behavior analysts around the world have, at an increasing rate, applied our science to the problem of sustainability. This work includes the efforts of the Fresno State Sustainability Project, an interdisciplinary attempt to coordinate all such activity on campus. We have had a number of positive outcomes, including the newly-formed Institute of Water and Sustainability. The focus of this talk is student activity that has grown out of the Project. Over the past four years, more than 400 students have had experiences in academic, research, and applied activities related to sustainability. One of these endeavors is the Fresno State Sustainability Club which has hosted four Earth Days, set up multiple talks by experts at Green Bag Lunches, coordinated with other campus clubs, and planted a water-wise garden and hundreds of trees in collaboration with Plant Operations. The College of Science and Math has offered the First Year Experience the past two years, in which freshman in the College take multiple sustainability courses in both basic science and applications. Graduate students do everything from building tiny houses to collecting data on practices. The Psychology and the Environment course has just been reestablished and the development of a minor is underway. Students' lives have been substantially changed. The future generation is on its way to making a major positive impact on the health and welfare of the planet.

### #237 Symposium

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11:00 am–11:50 am  
Hyatt Regency, Centennial Ballroom B/C  
EAB/CBM; Basic Research

#### **Delay Discounting in Health With a Focus on Food and Exercise** Chair: Erin B. Rasmussen (Idaho State University)

**Maintained Physical Activity Induced Changes in Delay Discounting**  
MICHAEL SOFIS, Ale Carrillo, and David P. Jarmolowicz (The University of Kansas)

**Comparison of Potentially Real Versus Hypothetical Outcomes on Delay Discounting for Food**  
STEPHEN H. ROBERTSON, Dianna Simonson, Andra Cates, Bailey Perschon, and Erin B. Rasmussen (Idaho State University)

**Delay Discounting of Non-Monetary Outcomes: The Effects of Different Magnitudes and Delay Distributions**  
WILLIAM DEHART, Charles Frye, Annie Galizio, Jeremy Haynes, and Amy Odum (Utah State University)

### #238 Invited Presenter

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11:00 am–11:50 am  
Hyatt Regency, Centennial Ballroom D  
EAB; Theory  
PSY/BACB CE Offered. CE Instructor: William M. Baum, Ph.D.

#### **Behavioral Ephemera** Chair: Eric S. Murphy (University of Alaska Anchorage)

WILLIAM M. BAUM (University of California, Davis)



Dr. Baum received his BA in psychology from Harvard College in 1961. Originally a biology major, he switched to psychology after taking courses from B. F. Skinner and R. J. Herrnstein in his freshman and sophomore years. He attended Harvard University for graduate study in 1962, where he was supervised by Herrnstein and received his Ph.D. in 1966. He spent the year 1965–66 at Cambridge University, studying ethology at the Sub-Department of Animal Behavior. From 1966 to 1975, he held appointments as post-doctoral fellow, research associate, and assistant professor at Harvard University. He spent two years at the National Institutes of

Health Laboratory for Brain, Evolution, and Behavior and then accepted an appointment in psychology at the University of New Hampshire in 1977. He retired from there in 1999. He currently has an appointment as associate researcher at the University of California, Davis and lives in San Francisco. His research concerns choice, molar behavior/environment relations, foraging, cultural evolution, and behaviorism. He is the author of a book, *Understanding Behaviorism: Behavior, Culture, and Evolution*.

**Abstract:** Every species possesses abilities for successfully interacting with its environment. These result from phylogeny. In the laboratory, one may arrange artificial conditions that thwart an organism's abilities. The result may be a 'phenomenon.' With sufficient training, however, the phenomenon may prove to be ephemeral, as the organism's basic abilities reassert themselves. A common ability among animal species is the ability to respond to differences and non-differences in rate of obtaining food. This ability may be thwarted in a variety of ways, but the results tend to be ephemeral. A clear example appears in an experiment that pitted pigeons' preference for unimpeded responding against their ability to respond to food rate. In a concurrent-chains procedure, the terminal links were identical variable-interval schedules, but in one terminal link, every response produced a timeout. The duration of the timeout varied, and preference varied with it, but the relation vanished with training, in keeping with the equality of food rate across the two terminal links. Some other examples of 'phenomena' that tend to disappear with sufficient training are behavioral contrast, conditioned reinforcement, and resistance to extinction. These appear to be behavioral ephemera.

## #239 Symposium

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11:00 am–11:50 am  
Convention Center 406/407  
EDC/PRA; Applied Research  
BACB CE Offered. CE Instructor: Mary Sawyer, Ph.D.

### **School Based Interventions to Decrease Challenging Behavior and Increase Social Skills**

Chair: Mary Sawyer (Aubrey Daniels Institute)

#### **An Assessment of Check-In/Check-Out With Children Who Are Homeless in an After School Care Program**

ANA CAMACHO, Kimberly Crosland, and Leslie Singer (University of South Florida)

#### **An Evaluation of the Effectiveness of a Social Skills Application in an After-School Program for Children Who Are Homeless**

EMILY BATON and Kimberly Crosland (University of South Florida), Rocky Haynes (University of South Florida–Tampa)

#### **Evaluating Prevent-Teach-Reinforce in a High School Setting**

KAITLIN SULLIVAN (University of South Florida; ABA Solutions) and Kimberly Crosland and Leslie Singer (University of South Florida)

## #240 Paper Session

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11:00 am–11:50 am  
Hyatt Regency, Granite  
OBM

### **Feedback Practices in Applied Settings**

Chair: Jessica J. Alverson (Hopeful Journeys Educational Center; Simmons College)

#### **An Evaluation of Delayed Graphic Feedback and Immediate Verbal Feedback on Staff Performance of Paperwork Completion** (Applied Research)

JESSICA J. ALVERSON and Mark Silberman (Hopeful Journeys Educational Center, Inc.; Simmons College)

#### **The Importance of Coaching Supervisors on Proper Feedback Delivery** (Applied Research)

MERRILYN AKPAPUNA (Trenton Corp)

## #241 Panel Discussion

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**Ethics**

11:00 am–11:50 am  
Convention Center Four Seasons Ballroom 2/3  
PRA; Service Delivery  
BACB/QABA CE Offered. CE Instructor: Jon S. Bailey, Ph.D.

### **Ethicists Expound on Elaborate Ethical Events**

Chair: Jon S. Bailey (Florida State University)

MARY JANE WEISS (Endicott College)  
THOMAS L. ZANE (The University of Kansas)  
JON S. BAILEY (Florida State University)

## #242 Symposium

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11:00 am–11:50 am  
Convention Center Mile High Ballroom 2A  
PRA/OBM; Applied Research  
BACB CE Offered. CE Instructor: Stephen Ray Flora, Ph.D.

### **Increasing Strategic Movement in the Workplace and How Personal Quantification Can Help**

Chair: Stephen Ray Flora (Youngstown State University)

#### **Effects of Physical Movement and Positioning on Work Performance and Wellbeing**

JULIE M. SLOWIAK (University of Minnesota Duluth)

#### **Evaluating Feedback on Workplace Physical Inactivity**

NICHOLAS GREEN and Jesse Dallery (University of Florida)

#### **The Psychological Benefits of Personal Quantification: Hidden in Plain Sight**

STEPHEN RAY FLORA (Youngstown State University)

## #243 Symposium

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11:00 am–11:50 am

Convention Center Mile High Ballroom 2C

PRA; Applied Research

BACB/QABA CE Offered. CE Instructor: Elizabeth Dayton, M.S.

### **In and Out: Contingency-Based Interventions for Addressing Food-Related Challenging Behavior**

Chair: Casey Chauvin (Vanderbilt University)

Discussant: S. Shanun Kunnavatana (Texas A&M)

#### **Decreasing the Food Stealing of a Child With Prader-Willi Syndrome Through Function-Based Differential Reinforcement**

NAOMI PARIKH, Kristen Stankiewicz (Vanderbilt University), Joseph Michael Lambert, Nealetta Houchins-Juarez, Vivian Morales, and Molly Gilson (Vanderbilt University)

#### **Decreasing Projectile Vomiting Through the Use of Positive Practice**

Kristin LeFevre and ELIZABETH DAYTON (Melmark)

## #244 Panel Discussion

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11:00 am–11:50 am

Convention Center 304

TBA; Service Delivery

BACB CE Offered. CE Instructor: Christine Hoffner Barthold, Ph.D.

### **Collaborating to Prepare High-Quality Future Behavior Analysts**

Chair: Christine Hoffner Barthold (George Mason University)

ALICE A. KEYL AUSTIN (AKA Consulting, LLC)

CHERYL A. YOUNG-PELTON (Montana State University in Billings)

## #245 B. F. Skinner Lecture Series

**Supervision; Recorded Session**

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11:00 am–11:50 am

Convention Center Four Seasons Ballroom 4

TBA; Service Delivery

PSY/BACB CE Offered. CE Instructor: Amoy Kito Hugh-Pennie, Ph.D.

### **Teaching Principles of Behavior Analysis: An Evolving Model for Developing and Testing Knowledge and Skills**

Chair: Amoy Kito Hugh-Pennie (The Harbour School-Hong Kong)

SANDRA SUNDEL (Sun Health Career Solutions, Inc.) and MARTIN SUNDEL (Sun Family Care)



Sandra S. Sundel is the president and CEO of Sun Family Care. She was formerly on the social work faculty at Florida Atlantic University. She was executive director of family service agencies in Florida and Texas, and also served as executive director of group homes for adults with developmental disabilities in Texas. She holds an MSSW from the University of Louisville and a Ph.D. in clinical social work from the University of Texas at Arlington. She has taught courses in social work practice, behavior therapy, interpersonal communication, and group work, and has conducted numerous workshops and seminars. She has consulted with corporations, government agencies,

and nonprofit organizations on organizational behavior management and interpersonal communication in the workplace. As mental health consultants to the United Nations High Commissioner for Refugees in Cyprus, Sandra and Martin designed and implemented a psychosocial rehabilitation project to foster collaborative relationships between Greek and Turkish Cypriots.



Martin Sundel is the director of Clinical Services for Sun Family Care, a company that provides care management and counseling to older adults. He was the Dulak Professor of Social Work at the University of Texas at Arlington and also served on the faculties of the University of Michigan, the University of Louisville, and Florida International University. He holds a Ph.D. in social work and psychology from the University of Michigan and was a postdoctoral fellow at the Laboratory of Community Psychiatry at Harvard Medical School. He is a Charter Clinical Fellow of the Behavior Therapy and Research Society and has been recognized as a pioneer

in introducing behavior therapy in Latin America. He has published extensively on the application of behavioral science knowledge to the helping professions. An avid table tennis player, he has won three national championships and silver and bronze medals in international tournaments.

**Abstract:** We describe a model used to teach the principles of behavior analysis and their application in the human services to students and practitioners over the past five decades. Materials for the book were developed in the late 1960's at the University of Michigan School of Social Work, where the first presenter began his teaching career in 1968. The second presenter supervised the administration

and testing of the materials. The course content and testing materials were continuously revised and updated over the following years by both presenters, based on data related to student mastery of the content. The teaching model was influenced by the prominent educational technology at the time, including: (1) the Center for Research on Learning and Teaching at the University of Michigan; (2) the programmed instructional format of Skinner and Holland, and that of Geis, Stebbins, and Lundin; (3) Fred Keller's Personal System of Instruction (PSI); and (4) Robert Mager's influential publication on preparing instructional objectives. The first presenter will describe the methodology used to develop the materials and how they provided the basis for a textbook that has been revised over six editions. The second presenter will describe how the materials and resulting textbook were used in undergraduate, graduate and professional courses and seminars. Together, the two presenters will provide examples of their experiences using the textbook to teach behavior analysis. They will present the rationale for the organization and structure of the text and course, along with reasons for including and excluding specific content. The two presenters identify historical, methodological, and conceptual issues that formed the underpinnings of their unique approach to teaching behavior analysis, as well as how the model has evolved. The two presenters, one from a primarily academic perspective and the other from a primarily applied perspective, provide complementary viewpoints on this topic.

#### #246 Poster Session

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12:00 pm–3:00 pm  
Convention Center, Exhibit Hall D  
EAB

Chair: Elizabeth Kyonka (University of New England)

*Discussant: Brooke M. Smith (Utah State University)*

- 1. Discriminative and Reinforcing Effects of the Near Miss in Simulated Slot Machine Play** (Basic Research) EMILY TAYLOR and Patrick M. Ghezzi (University of Nevada, Reno)
  - 2. Behavioral Control in Slot Machine Gambling** (Basic Research) JACLYN MCGRATH, Evan Dahl, Andrew Steven Massey, Margaret Murphy, and Benjamin N. Witts (St. Cloud State University)
  - 3. Contextual Control and Response Allocation in Simulated Slot-Machine Gambling** (Basic Research) TORUNN LIAN, Bjørn André Torve, and Erik Arntzen (Oslo and Akershus University College of Applied Sciences)
  - 4. An Examination of Slot Machine Preference** (Basic Research) LINDA MUCKEY and Mark R. Dixon (Southern Illinois University)
  - 5. The Evaluation of the Role of Self-Rules on Gambling Behaviors Using a Slot Machine** (Applied Research) KELTI OWENS (Autism Centers of Michigan) and Mark R. Dixon (Southern Illinois University)
  - 6. Is "Lotto Fever" Related to the Expected Utility of a Lottery Wager?** (PCH; Basic Research) Jordyn Roberts and CHARLES A. LYONS (Eastern Oregon University)
  - 7. Losses Disguised as Wins in Slot Machines: A Case of Contingency Confusion** (VRB; Basic Research) MORGHAN MINNICK, Jacob H. Daar, and Luke Andrew Whitehouse (Northern Michigan University)
  - 8. An Evaluation of Preference in Madagascar Hissing Cockroaches** (Basic Research) ANA GUENTHER and Benjamin N. Witts (St. Cloud State University)
  - 9. Two Types of Escape in the Earthworm (*Eisenia hortensis*)** (Basic Research) AMY SIPPL (St. Cloud State University; The Lovaas Institute for Early Intervention - Midwest) and Benjamin N. Witts (St. Cloud State University)
- Discussant: Mindy Christine Scheithauer (Marcus Autism Center)*
- 10. The Effects of Noise on Cricket Learning** (Basic Research) JOHN BARNES (University of North Texas)
  - 11. Stimulus Control of Reinforcement-Schedule History in Chicks** (Basic Research) TATSUHIRO NAKAMURA and Tetsumi Moriyama (Tokiwa University)
  - 12. Design and Implementation of Operant Chambers for the Madagascar Hissing Cockroach** (Theory) Paul Thomas Thomas Andronis, COLLIN HAHN, Luke Andrew Whitehouse, Hannah Planinscheck, and Erin Elizabeth Wylie (Northern Michigan University)
  - 13. Evaluating Water Disturbance as a Reinforcer for *Corydoras* Catfish** (Basic Research) LISA HUNTER, Karli Pedreira, Amy Brown, Kara-Lynn Kehler, and Joseph J. Pear (University of Manitoba)
  - 14. Effects of Water Deprivation on Four Female Madagascar Hissing Cockroaches** (Basic Research) SARA SNOW and Benjamin N. Witts (St. Cloud State University)
  - 15. Scent-Detection of Giant African Pouched Rats (*Cricetomys ansorgei*) on a Rapid Training Discrimination Procedure** (AAB; Basic Research) ERIN E. WATKINS (Western Michigan University; Anti-personnel Landmines Detection Product Development), Haylee Ellis (Waikato University; Anti-personnel

Landmines Detection Product Development), Maria Anna Caneva Saccardo (Anti-personnel Landmines Detection Product Development), Timothy Edwards (University of Waikato), Christophe Cox (Anti-personnel Landmines Detection Product Development), and Alan D. Poling (Western Michigan University)

**16. The Assessment and Conditioning of Attention as a Reinforcer for Shelter Dogs** (AAB; Basic Research) Steven W. Payne, MARIA SALMERON, Alyssa Salazar, Martha Cisneros, Cintya Fulgencio, and Sarah Orique (California State University, Fresno)

**17. A Preliminary Investigation of Escape and Avoidance in the Madagascar Hissing Cockroach** (AAB; Basic Research) LINDA MUCKEY and Mark R. Dixon (Southern Illinois University)

**18. Going in Circles: An Omni-Directional Light Device to Increase Turning Behavior in Planaria** (Basic Research) NEIL DEOCHAND, Yisang Yang, and Rachel Burroughs (Western Michigan University)

*Discussant: Forrest Toegel (West Virginia University)*

**19. The Effects of Ethanol on Proboscis Conditioning in Honey Bees: Reversals and Conditioned Taste Aversion** (Basic Research) CHRIS VARNON, Charles I. Abramson, David Craig, and Tim Black (Oklahoma State University) and Harrington Wells (University of Tulsa)

**20. The Effects of Qualitative Reinforcement Schedule Transitions on Pausing and Response Rate** (Basic Research) ANDREW NUZZOLILLI (Western New England University; The New England Center for Children) and Jason C. Bourret (The New England Center for Children)

**21. Autoshaping in Humans: A PORTL Replication of Picker and Poling** (Basic Research) NOLAN WILLIAMS and Hayden Lee Heath (University of North Texas), Mary Elizabeth Hunter (The Art and Science of Animal Training), and Jesus Rosales-Ruiz (University of North Texas)

**22. Reinforcement Uncertainty Enhances Preference for Free-Choice in Humans** (Basic Research) KRISTEN A. ROST (Troy University)

**23. Exploring Conditioned Reinforcement Using Portable Operant Research and Teaching Lab** (Basic Research) MAASA NISHIMUTA and Szu Chi Liu (University of North Texas), Mary Elizabeth Hunter (The Art and Science of Animal Training), and Jesus Rosales-Ruiz (University of North Texas)

**24. Insight in the Human: A PORTL Replication of Epstein's "Insight in the Pigeon"** (Basic Research) AWAB ABDEL-JALIL and Ashton Corinne Tinney (University of North Texas), Mary Elizabeth Hunter (The Art and Science of Animal Training), and Jesus Rosales-Ruiz (University of North Texas)

**25. Manipulating Response Frequencies With Percentile Reinforcement: The Effects of Sample Size** (Basic Research) KIMBERLY HENKLE and Patrick M. Ghezzi (University of Nevada, Reno)

**26. Using a Video Game-Based Task to Evaluate the Use of Common Resources in Experimental Settings** (CSS; Basic Research) JULIO CAMARGO and Julio C. De Rose (Universidade Federal de São Carlos)

**27. The Stability and Reliability of Visual Scanning Behavior to Adult and Inanimate Faces** (DEV; Basic Research) D. WAYNE MITCHELL, Rachel Monroe, Shelby White, Molly Fields, Trista Shrock, Kaitlin Beason, Derby Davis, and Stacy Francis (Missouri State University)

*Discussant: Don (Yuhan) Li (The University of Auckland)*

**28. Parametric Schedule Manipulations Affect Preferences for Token Exchange-Production Schedules** (EDC; Basic Research) JOHN FALLIGANT and Sacha T. Pence (Auburn University)

**29. The Utility of Non-Parametric Statistical Tests for Multi-Element and Alternating Treatments Experiments** (PCH; Applied Research) EMILY WEAVER (Vanderbilt University)

**30. Sharing as a Risk-Reduction Strategy When Working With an Actual Partner** (Basic Research) STEPHANIE JIMENEZ and Erin Barefoot (University of Pittsburgh at Johnstown)

**31. Errorless Learning Across Intra-Dimensional Stimuli** (Basic Research) MARGOT BERTOLINO and Vinca Riviere (Université de Lille)

**32. Slow and Steady: There's No Race to Win** (Basic Research) SAMANTHA KNOWLES, Solomon Kurz, Karen Kate Kellum, and Kelly G. Wilson (University of Mississippi)

**33. Observing Matching-to-Sample Performance and Stimulus Sorting** (TBA; Basic Research) ERIK ARNTZEN and Solvor Sæterstøl (Oslo and Akershus University College of Applied Sciences)

**34. Maintaining the Eye Contact of Typically Developing Infants** (DEV; Applied Research) CHRISTINA WILLIAMS and Martha Pelaez (Florida International University)

## #247 Poster Session

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12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

EDC

Chair: Andrea Zawoyski (University of Georgia)

*Discussant: Denys Brand (The University of Kansas)*

**35. Test Driving Interventions for Escape Maintained Behavior in Students With Emotional/Behavioral Disorders** (Applied Research) CLELIA SIGAUD, Jamie Pratt, and Mark W. Steege (University of Southern Maine)

**36. A Comparison on the Use of Two Different Error Correction Procedures and No Error Correction on Acquisition of Receptive Identification in Two Children with Autism Spectrum Disorder** (AUT; Applied Research) Milagros Cima, NICOLE STEWART, Amy Mason, and Erika McGhee (Manhattan Behavioral Center)

**37. The Effect of Self-Monitoring, I-Connect, to Increase On-Task Behavior of High School Students With Autism** (AUT; Applied Research) SARA ROMANS and Linda G. Garrison-Kane (Missouri State University), Howard P. Wills (Juniper Gardens Children's Project), Ben A. Mason (Juniper Gardens Children's Project; The University of Kansas), and Megan A. Boyle (Missouri State University)

**38. Examining the Effects Token Board Choice Has on On-Task Behavior and Problem Behavior During One-to-One Instruction** (AUT; Applied Research) CLAIRE PRITCHETT GREENWAY, Rachel Cagliani, Erinn Whiteside, and Kevin Ayres (University of Georgia)

**39. Identification of Alternative Instructional Methods When Physical Guidance is Contraindicated** (AUT; Applied Research) Christina Simmons and ERIN HOWARD (University of Nebraska Medical Center's Munroe-Meyer Institute, Andrew Sodawasser (University of Nebraska Medical Center), and Amanda Zangrillo and Wayne W. Fisher (University of Nebraska Medical Center's Munroe-Meyer Institute)

**40. Teaching Geography Skills to Children With Autism Using Relational Training** (AUT; Applied Research) AMANI ALHOLAIL, Caleb Stanley, Jordan Belisle, Megan Galliford, and Mark R. Dixon (Southern Illinois University)

**41. A Systematic Review of Functional Skills Instruction for Young Children With Moderate Developmental Disabilities in School Settings** (DDA; Applied Research) Amy Callender and SETH KING (Tennessee Technological University)

**42. Using a Simultaneous Prompting Procedure to Embed Academic Core Content When Teaching an Employment Skill** (DDA; Applied Research) MISTY TERRELL (University of North Carolina Charlotte)

**43. An Evaluation of the Preschool Life Skills Programme Within an Irish Preschool Context** (Applied Research) JENNIFER HOLLOWAY and Ciara Gunning (National University of Ireland, Galway) and Olive Healy (Trinity College Dublin)

**44. Teaching Coin Names and Values Using Equivalence Generating Procedures in a Special Education Classroom** (VRB; Applied Research) GINO DOUGLAS BINKERT, Rekha Sharma, and Theodore A. Hoch (George Mason University)

**45. Establishing Equivalence Relations to Teach Geography in a Special Education Classroom** (VRB; Applied Research) Gino Douglas Binkert, RAYA MUTTI-ROBERTS, Rekha Sharma, and Theodore A. Hoch (George Mason University)

*Discussant: Sara Jeglum (University of Wisconsin–Madison)*

**46. Using the Class Pass Intervention for Children With Disruptive Behavior** (Service Delivery) Madison Andreu, Kwang-Sun Blair, and TAYLOR NAROZANICK (University of South Florida)

**47. Decreasing Off-Task Behavior Using Group Contingencies** (Applied Research) CAROLYN TRUMP and Paige McArdle (University of Georgia; Center for Autism and Behavioral Education Research) and Vickie Floyd and Kimberly Ruark (Clarke County School District)

**48. High Probability Request Sequence: A Systematic Review and Practical Illustrations for Success** (PCH; Applied Research) ERIC COMMON, Leslie Ann Bross, and Kathleen L. Lane (The University of Kansas)

**49. Tier Two Behavior Support and High Offending Students in a High School Setting: Faculty-student Mentoring** (Applied Research) TRACY EILEEN SINCLAIR (The University of Oklahoma)

**50. Student Perceptions of Fairness Regarding the Procedures of Behavior Support Plans** (PRA; Service Delivery) Danielle Dumas, PATRICIA EGAN, and William Gaeddert (State University of New York Plattsburgh)

**51. Interdependent Group Contingencies to Decrease Disruptive Behavior in Adolescent Group Therapy Populations** (PRA; Applied Research) KRISTEN BROGAN, John T. Rapp, and John Falligant (Auburn University)



**52. Comparison of Three Interdependent Contingencies on Positive Peer Reporting in a General Education Classroom** (PRA; Applied Research) KATRINA OSTMEYER (Integrated Behavioral Technologies, Inc.) and Kara Koehler (Lansing Elementary School; Integrated Behavioral Technologies, Inc.)

**53. Implementing Token Economies With Different Populations** (TBA; Service Delivery) MALARIE DEARDORFF (The University of Oklahoma)

**54. Effects of ActiveExpression 2 on Students' Time On-Task and Rate of Participation** (TBA; Applied Research) John Thomas Lacy, GLEN L. MCCULLER, and Ginger L. Kelso (Stephen F. Austin State University)

**55. A Classroom Assessment System for Non-Academic Behaviors** (DEV; Theory) LAURILYN DIANNE JONES (The Mechner Foundation; Oslo & Akershus University College) and Francis Mechner (The Mechner Foundation)

**56. Academic Procrastination Behavior Related to Self-Report of Academic Behavior** (EAB; Basic Research) DEBRA J. SPEAR, Lexys Sandman, and Paige Guge (South Dakota State University)

#### #248 Poster Session

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12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

TBA

Chair: Amoy Kito Hugh-Pennie (The Harbour School; HKABA)

*Discussant: Christine Hoffner Barthold (George Mason University)*

**57. Investigating the Use of Interteaching Online** (Applied Research) CATHERINE M. GAYMAN and Frank Hammonds (Troy University)

**58. Evaluation for Effect of Staff Training Using Therapist Skills Check List 11** (AUT; Applied Research) HIROSHI SUGASAWARA (Tokai University), Ayuko Kondo (Keio Advanced Research Center), Keio University; Elche, Inc.), and Jun'ichi Yamamoto (Keio University)

**59. Training Caregivers to Support Context-Specific Social Skills in Their Children With Autism Spectrum Disorder** (AUT; Applied Research) MAHFUZ HASSAN (Brock University); Andrea Simpson, Katey Danaher, Jim Haesen, and Tanya Makela (Lake Ridge Community Support Services); and Kendra Thomson (Brock University)

**60. The Effects of a Writer Immersion Protocol on the Structural and Functional Components of Writing Novel CVC Words for Four Preschoolers** (AUT; Applied Research) SHAHAD ALSHARIF (Teacher College, Columbia University) and Kieva Sofia Hranchuk (Scottsdale Children's Institute)

**61. Cultural Adaptation and Testing of a Distance ABA Training Program for Hispanic Parents of Children With Autism** (AUT; Applied Research) JOSEPH FURMAN BUZHARDT (The University of Kansas; Juniper Gardens Children's Project) and Linda S. Heitzman-Powell, Ashley McGrath, and Sylvia Maack (The University of Kansas Medical Center)

**62. Pre-Service Special Educators Using Behavioral Skills Training to Train Others** (DDA; Applied Research) NATALIE ANDZIK (The Ohio State University)

**63. The Effects of Data-Based Decision Making Using RTI: Vocabulary Assessments as a Repeated Measure in a Special Education Teacher Preparation Program** (EDC; Applied Research) MICHAEL C. LAMBERT and Gail Coulter (Western Washington University)

**64. Preparing for Using AAC in Classrooms: Special Education Preservice Teachers' Perception of Their Preparation Program** (EDC; Basic Research) RASHED ALDABAS (King Saud University)

*Discussant: Traci M. Cihon (University of North Texas)*

**65. An Evaluation of Strategies to Improve Graduate Students' Self-Editing** (EDC; Applied Research) SCOTT DACOSTA and Joseph M. Vedora (Evergreen Center)

**66. General Course Outcomes of an Evidence-Based Collegiate Behavior Analysis Course Sequence** (EDC; Service Delivery) RACHEL METRAS, Brennan Patrick Armshaw, and Traci M. Cihon (University of North Texas)

**67. Effectiveness of a Home-Based Modified Incidental Teaching Strategy to Improve Compliance** (Service Delivery) CARLY CRESSMAN (University of Manitoba; University of Winnipeg), Jessica Summers (University of Manitoba), and Toby L. Martin (St. Amant Research Centre)

**68. Evaluation Competencies in Mexican High School Teachers** (Applied Research) FIGUEROA-RODRIGUEZ SEBASTIAN (Universidad Veracruzana) and Leticia Rivera (Universidad Cristobal Colon)

**69. Improving the Teaching Skills of Behavior Therapists using Video Analysis: A Series of Single-Case Studies** (PRA; Applied Research) KRISTI MORIN, April N. Haas, and Kimberly Vannest (Texas A&M University)



**70. ABA Promotion In United Arab Emirates Through Registered Behavior Technician Training** (PRA; Service Delivery) SANA QADRI and Meera Ramani (ABA India; Behaviour Enrichment Child Skill Development Training Center)

**71. Strategies for the Promotion of Behavior Science Through Undergraduate Curriculum Design** (Theory) GENEVIEVE M. DEBERNARDIS (University of Nevada, Reno)

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#### #249 Poster Session

12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

CSS

Chair: Angela Sanguinetti (University of California, Davis)

*Discussant: Criss Wilhite (Fresno State)*

**72. Delay Discounting on the Miskitu Coast** (Applied Research) WILL FLEMING, David P. Jarmolowicz, Laura Herlihy, and Josephine Kapicka (The University of Kansas)

**73. The Prevalence of Women in the Field of Applied Behavior Analysis: Has the Glass Ceiling Been Shattered?** (Theory) ALICIA NEHRKORN (University of Nevada, Reno)

**74. Assessing Cultural Variables of Social Validity** (DEV; Applied Research) CHRISTI STENCIL (The Chicago School of Professional Psychology), Helen Lee (Boston University), Robyn M. Catagnus, Elizabeth Hughes Fong, and Amanda Karpier (The Chicago School of Professional Psychology)

**75. Barriers to Parental Engagement in Applied Behavior Analytic Home-Based Service Models** (AUT; Service Delivery) KYLE WORTMAN, Megan Martins, and Susan Copeland (University of New Mexico)

**76. Delay and Probability Discounting of Opportunities to Reply to a Text Message in College Students** (EAB; Applied Research) YUSUKE HAYASHI and Heather Fessler (The Pennsylvania State University, Hazleton) and Anne Foreman, Jonathan E. Friedel, and Oliver Wirth (National Institute for Occupational Safety and Health)

**77. Fostering the Sustainable Use of Common-Pool Resources Through Behavioral Interventions: An Experimental Approach** (EAB; Basic Research) JULIO CAMARGO (Federal University of São Carlos) and Verônica Bender Haydu (Universidade Estadual de Londrina)

**78. Cultural Practice of Responsibility: An Experimental Analogue in Laboratory Microcultures** (EAB; Basic Research) Vitor Araújo (Londrina State University; Pitágora College; INESUL College; Paulista State University), Paola Rafaela Vitali Taciano (Londrina State University), FELIPE L. LEITE (Imagine Behavioral Technology; University of Fortaleza), and Camila Melo (Londrina State University)

**79. Behaviorists for Social Responsibility Journals: History and Status Update** (PCH; Theory) KATHRYN M. ROOSE (University of Nevada, Reno), Molli Luke (Behavior Analyst Certification Board), Mark A. Mattaini (Jane Addams College of Social Work-University of Illinois at Chicago), and Richard F. Rakos (Cleveland State University)

**80. The Impact of Monetary Fines on Behavior** (Applied Research) JILL HUNT and Michelle Harrington (Judge Rotenberg Center)

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#### #250 Poster Session

12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

OBM

Chair: Todd A. Ward (bSci21 Media, LLC)

*Discussant: Byron J. Wine (The Faison Center)*

**81. Behavioral Momentum in Hierarchical and Non-Hierarchical Organization** (DEV; Basic Research) SARTHAK GIRI (Dare Association), Saranya Ramakrishnan (Harvard T. H. Chan School of Public Health), and Kyra Gan (Smith College)

**82. Effects of Restricted Versus Unrestricted Communication on Team Performance Under Various Incentive Arrangements** (EAB; Basic Research) MATTHEW NOVAK, Amy J. Henley, and Florence D. DiGennaro Reed (The University of Kansas) and Peter G. Roma (Institutes for Behavior Resources; Johns Hopkins School of Medicine)

**83. The Relative Effects of Different Feedback Contents on Eco-Driving Performance** (EAB; Applied Research) HANGSOO CHO, Kyehoon Lee, Rudia Na, GaEun Roh, and Shezeen Oah (Chung-Ang University)

**84. Effects of Feedback to Managers on Rate of Safety Related Interactions and Employees' Unsafe Acts: A Replication** (PRA; Applied Research) GARRETT WARRILOW and Sarah Byrne (Western Michigan University)

**85. A Comparison of the Effects of Objective, Social Comparison, and Objective Plus Social Comparison Feedback on Work Performance** (PRA; Applied Research) KWANGSU MOON, Rudia Na, and Shezeen Oah (Chung-Ang University)

**86. A Comparison of the Effects of Accurate and Inaccurate Feedback on Work Performance** (PRA; Applied Research) DAYOUNG YOON, Kwangsu Moon, and Shezeen Oah (Chung-Ang University)

**87. The Interaction Effects of Task Complexity and Feedback Specificity on Work Performance** (PRA; Applied Research) Boyoon Choi, JI YEON AHN, Jidong Lee, and Shezeen Oah (Chung-Ang University)

**88. Effects of Positive and Negative Feedback Ratio on Work Performance, Perceived Stress and Feedback Acceptance** (PRA; Applied Research) LIM SUNG JUN, Kwangsu Moon, and Shezeen Oah (Chung-Ang University)

**89. OBM: Introducing Behavioral Concepts in an Environmental City Secretariat to Over 120 Employees in Brazil** (TBA; Service Delivery) CELSO SOCORRO OLIVEIRA (São Paulo State University)

#### #251 Poster Session

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12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

CBM

Chair: Allison Battaglia (University of Nebraska Medical Center)

*Discussant: Rebecca Perry (Firefly Autism)*

**90. Valued Living Among Hispanic College Students: An Initial Validation of the Valued Living Questionnaire** (Applied Research) KARLEY KAMILLE JAMES, Mitchell K. Kusick, and Maureen Flynn (Metropolitan State University of Denver)

**91. Cognitive Fusion Among Hispanic College Students: An Initial Examination of the Cognitive Fusion Questionnaire** (Applied Research) MITCHELL K. KUSICK, Karley Kamille James, and Maureen Flynn (Metropolitan State University of Denver)

**92. Outcomes Evaluation of an Applied Behavior Analysis 8-Week Parent Training Course** (Theory) JOHNNA SCHOOLEY, Alexis Briana Pendarvis, Mary Ann Hubbard, Alexandra Logan, Lauren White, Kayla Herrin, Samantha Williams, and Betsy Chen (University of Central Oklahoma)

**93. Caregivers of Older Adults: Level of Interest and Mode of Delivery of Applied Behavior Analysis Services** (PRA; Service Delivery) CODY CHARLES MEEHAN, Taylor Rodieck, and Duane A. Lundervold (University of Central Missouri)

**94. A Group Consultation to the Parent of the Children With Selective Mutism** (VRB; Applied Research) YUMIKO SASADA (Hamamatsu City Welfare and Medical Center for Development) and Kenji Okuda (Academy of Behavioral Coaching)

**95. Evaluation of the Relationship of Caregiver Discounting of Delayed Treatment Effects and Child Problem Behavior Severity** (EAB; Applied Research) BRENNNA CAVANAUGH and Kenneth Shamlian (University of Rochester School of Medicine) and Shawn Patrick Gilroy (National University of Ireland)

**96. Behavioral Activation for Mood and Diabetes Management in Women With Severe Mental Illness** (Applied Research) LAUREN SCHNEIDER and Leilani Feliciano (University of Colorado Colorado Springs) and Sarah Anderson (Pacific University)

**97. Improving Social Skills in Adolescents on the Autism Spectrum: Outcomes of a PEERS Replication** (AUT; Service Delivery) Kristen M. Kalymon, Elizabeth Stratis, Holly Majszak, Laura Ambrose, JOCELYN KUHN, Tanisha Vanen, and Tiffany Born (Kennedy Krieger Institute)

**98. Treatment of Noncompliance With Medical Procedures in Pediatric Primary Care** (Service Delivery) ANDREA ZAWOYSKI (University of Nebraska Medical Center's Munroe-Meyer Institute; University of Georgia), and Sara S. Kupzyk and Christopher W. Engler (University of Nebraska Medical Center's Munroe-Meyer Institute)

**99. Generalized Food Consumption Using a High-probability Instructional Sequence** (PRA; Applied Research) VARSOVIA HERNANDEZ (Universidad Veracruzana) and Jonathan K. Fernand (University of Florida)

**100. Identifying What Matters: Comparing Four Methods of Values Identification** (Basic Research) CHARLES KATE DINGUS, Emmie Hebert, Karen Kate Kellum, and Kelly G. Wilson (University of Mississippi)

**101. Discounting of Time and Health Benefits on Food Consumption Choice Behavior: A Series of Preliminary Investigations** (PRA; Applied Research) S. CHEYANNE ASHE, Jordan Belisle, and Mark R. Dixon (Southern Illinois University)

## #252 Poster Session

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12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

DEV

Chair: Per Holth (Oslo and Akershus University College of Applied Sciences)

*Discussant: R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)*

**102. Using Inactive Reinforcers to Increase Active Behavior** (Applied Research) REBECCA DUNCAN (Ball State University) and Valdeep Saini (Upstate Medical University)

**103. Comparison of a Stimulus Avoidance Assessment and a Concurrent Chains Assessment in Treatment Selection** (Applied Research) NICOLE CONNOR MOORE and Megan B. Boucher (The Ivymount School)

**104. Using High-Probability Instructional Sequence to Decrease Latency to the First Bite and Overall Meal Duration in a Child Diagnosed With a Pediatric Feeding Disorder** (AUT; Applied Research) CHELSEA PAULA and Meeta R. Patel (Clinic 4 Kidz)

**105. Intelligent Control With Hierarchical Stacked Neural Networks** (BPN; Theory) MICHAEL LAMPORT COMMONS (Harvard Medical School), Sofia Leite (University of Porto), Sarthak Giri (Dare Association), and Saranya Ramakrishnan (Harvard T. H. Chan School of Public Health)

**106. An Evaluation of Deferred Time-Out to Treat Noncompliance in the Classroom Setting** (EDC; Applied Research) JENNIFER S. KAZMERSKI (Baylor College of Medicine; Texas Children's Hospital), Jessica Buzenski (East Carolina University; St. Jude Children's Research Hospital; University of Tennessee Health Science Center), and Ryan Ford (East Carolina University; Munroe Meyer Institute; University of Nebraska Medical Center)

**107. A Case Study in Bullying Behavior: Functional Analysis and Treatment of Bullying Behavior in a Preschool Aged Girl** (PRA; Applied Research) LINDSAY M. KNAPP (St. Cloud State University) and Julie A. Ackerlund Brandt (The Chicago School of Professional Psychology)

**108. An Evaluation of the Effects of Choice Arrangements on Skill Acquisition for Typically Developing Preschool Children** (PRA; Applied Research) LINDSAY M. KNAPP and Mackenzie Schroeder (St. Cloud State University) and Julie A. Ackerlund Brandt (The Chicago School of Professional Psychology)

## #253 Poster Session

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12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

PRA

Chair: Robert K. Ross (Beacon ABA Services)

*Discussant: Thomas L. Zane (The University of Kansas)*

**109. Individualized Levels System to Address Multiply Controlled Challenging Behavior** (AUT; Applied Research) NICOLE ROGERS, Nealetta Houchins-Juarez, Joseph Michael Lambert, Caitlyn Majeika, Elizabeth Fuller, Savannah Tate, and Emily Conley (Vanderbilt University)

**110. Using a Manualized Approach to Treating Elopement in Individuals With Autism Spectrum Disorder** (AUT; Service Delivery) LAUREN WITHHART (Marcus Autism Center; Children's Healthcare of Atlanta); Mindy Schiethauer, Nathan Call, and Joanna Lomas Mevers (Marcus Autism Center; Children's Healthcare of Atlanta; Emory University School of Medicine); and Clarissa Priore (Marcus Autism Center; Children's Healthcare of Atlanta)

**111. Assessment and Treatment of Ritualistic Behavior in an Adult Residential Setting** (AUT; Applied Research) DANIEL LOCKE, Guirline Derilus, Victor Chin, Javid Rahaman, Jessica Hiller, and Paige Santhin (Bancroft)

**112. Effects of Behavioral Skills TRAINING on Learning to Code Behavioral Data** (AUT; Applied Research) VICTOR CHIN, Emily Rae Connovich, Michelle Ennis Soreth, and Mary Louise E. Kerwin (Rowan University)

**113. Saving the Best for Last in MSWO Preference Assessments** (Applied Research) TANVI PENDHARKAR, Jason C. Bourret, and Andrew Nuzzolilli (The New England Center for Children) and Stefanie Upshaw (The New England Center for Children; Western New England University)

*Discussant: Deirdre Lee Fitzgerald (Achievement by Design)*

**114. The Use of Additional Assessment to Identify Specific Reinforcing Characteristic of an Identified Function** (AUT; Applied Research) ERIN CASEY, Patrick Thulien, Sean Smith, and Tracy L. Kettering (Bancroft)

**115. Including Edible and Non-Edible Items in Pretask Choice Preference Assessments for Individuals With Autism Spectrum Disorder** (AUT; Service Delivery) KINGA WOLOS-ZACHMEIER (The ABRITE Organization)

**116. Wandering Behavior and Dementia: A Temporal Analysis** (DEV; Applied Research) SHANNON BIAGI (Florida Institute of Technology; ABA Technologies, Inc.) and Diana C. Carlos, Andrew Buchanan, and Ada C. Harvey (Florida Institute of Technology)

**117. A Comparison of Combined and Sequential Learning Channel Training Procedures on Foreign Language Translation of Graduate Students** (EDC; Applied Research) DON TOGADE (The Chicago School of Professional Psychology), Fawna Stockwell (Upswing Advocates; The Chicago School of Professional Psychology), and John W. Eshleman (The Chicago School of Professional Psychology)

**118. Enhancing Engagement in Applied Behavior Analysis Interventions for Individuals With Autism Spectrum Disorder in Natural Settings Using Mobile Devices** (AUT; Service Delivery) ISABELA ZAINE, Kamila Rodrigues, Alex Orlando, Bruna da Cunha, Caio Viel, Olibário Neto, Yuri Magagnatto, and Maria Pimentel (University of São Paulo)

**119. A Review of Survey Data Assessing ABA Training and Practices in School Settings in Pennsylvania** (EDC; Service Delivery) ERIC JOSEPH BIENIEK and Mike Monfore (Slippery Rock University of Pennsylvania)

#### #254 Poster Session

12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

VRB

Chair: Einar T. Ingvarsson (University of North Texas)

*Discussant: Andrew Kieta (University of North Texas)*

**120. The Relationship Between Derived Relational Responding and the Functions of Challenging Behavior in Children With Autism** (AUT; Applied Research) JORDAN BELISLE, Caleb Stanley, and Mark R. Dixon (Southern Illinois University)

**121. A Comparison of the Relationships Between Skinnerian Verbal Operants and Derived Relational Abilities as Predictors of Intelligence in Children With Autism** (AUT; Applied Research) LINDSEY ELLENBERGER, Jordan Belisle, Caleb Stanley, and Mark R. Dixon (Southern Illinois University)

**122. An Evaluation of Single Reversals and Transformation of Stimulus Function of Deictic “Here-There” Relational Frames in Children With Autism** (AUT; Applied Research) BECKY BARRON, Leah Verkuylen, Dana Paliliunas, Jordan Belisle, and Mark R. Dixon (Southern Illinois University)

**123. Establishing Generalization of Tactile Discriminations in Children With Autism Using Augmentative Communication Through the PEAK Curriculum** (AUT; Applied Research) MEGAN GALLIFORD, Jordan Belisle, Caleb Stanley, Amani Alholail, and Mark R. Dixon (Southern Illinois University)

**124. Arbitrary Comparative Relations and the Transformation of Stimulus Functions in Terms of Non-Arbitrary Comparative Properties in Individuals With Autism** (AUT; Applied Research) AYL A SCHMICK, Jordan Belisle, Caleb Stanley, Amani Alholail, Megan Galliford, and Mark R. Dixon (Southern Illinois University)

*Discussant: Laura L. Grow (California State University, Fresno)*

**125. Teaching Metonymical Tacts to Children With Autism Using the PEAK Curriculum** (AUT; Applied Research) CALEB STANLEY, Jordan Belisle, Ayla Schmick, and Mark R. Dixon (Southern Illinois University)

**126. Relational Frame Theory in Practice: Producing Generative Language in Applied Settings** (AUT; Applied Research) ANNELLE KIRSTEN (Fit Learning; National University of Ireland, Galway), Kimberly Nix Berens (Fit Learning; New York), and Nicholas M. Berens (Fit Learning)

**127. Teaching English to Korean Translation Using Stimulus Equivalence Generating Procedures Delivered by Powerpoint** (EAB; Applied Research) EMMA CHOI, Gino Douglas Binkert, Rekha Sharma, and Theodore A. Hoch (George Mason University)

**128. Establishing Arabic Textual, Tact, and Listener Behavior Using Equivalence Generating Procedures Delivered by Powerpoint** (EAB; Applied Research) MEHREZ SENDI, Theodore A. Hoch, and Rekha Sharma (George Mason University) and Jonathan C. Redding (QBC, LLC)

**129. On Skinner’s Definition of Verbal Behavior** (PCH; Theory) CHELSEA R. FLECK (Western New England University; The New England Center for Children) and Jason C. Bourret (The New England Center for Children)

**130. Establishing Books as Conditioned Reinforcers to Increase Reading Engagement for Secondary Students With Reading Delays** (EDC; Service Delivery) MARGARET UWAYO and Denise Ross (Western Michigan University)

**131. Reducing Stereotypical Behavior in Children With Autism Using a Self-Monitoring System** (AUT; Applied Research) KERRY UDO, Jana Goldberg, and Matthew C. Howarth (Verbal Behavior Associates)

#### #255 Poster Session

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12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

DDA

Chair: Andrew W. Gardner (University of Arizona, College of Medicine)

*Discussant: Michael D. Hixson (Central Michigan University)*

**132. Use of Negative Reinforcement to Increase Self-Feeding** (Applied Research) KATHERINE KUNKEL, Melissa Luke Gonzalez, and Alison Kozlowski (Kennedy Krieger Institute)

**133. Using Pictures Depicting App Icons to Conduct an MSWO Preference Assessment on a Tablet Device** (Applied Research) Audrey N. Hoffmann, RYAN PASKINS, Anna Brady, and Tyra P. Sellers (Utah State University)

**134. Analysis of Injury Production Across Functional Classes of Self-Injurious Behavior in Intellectual and Developmental Disabilities** (Applied Research) ALYSSA FISHER (Kennedy Krieger Institute), Griffin Rooker (Kennedy Krieger Institute; Johns Hopkins University School of Medicine), Nicole Lynn Hausman (Kennedy Krieger Institute; University of Maryland, Baltimore County), and Louis P. Hagopian (Kennedy Krieger Institute; Johns Hopkins University School of Medicine)

**135. Comparison of Two Behavioral Skills Training Packages to Increase Conversation Skills** (Applied Research) Francesca Randle, Stephanie A. Hood, and KRISTINA LANE (Briar Cliff University)

**136. Assessment of Avoidant Behaviors in the Presence of Noise to Identify an Establishing Operation for Problem Behavior** (Applied Research) ASHLEY CARVER (Kennedy Krieger Institute; University of Maryland Baltimore County) and Jennifer R. Zarcone (Kennedy Krieger Institute)

**137. Evaluating Choice for Accumulated Versus Distributed Token-Exchange Ratios Under Varying Schedules of Reinforcement** (AUT; Applied Research) JOHN FALLIGANT and Sacha T. Pence (Auburn University)

**138. A Review of Error-Correction Strategies** (AUT; Applied Research) KATELYN HOFFERT, Kevin P. Klatt, Megan Skrbec, and Adrienne Marie Reyerson (University of Wisconsin–Eau Claire)

**139. A Systematic Review of the Interventions Used to Treat Elopement in Children and Adults with Developmental Disabilities: A Literature Review** (AUT; Applied Research) KRISTIN O'GUINN and Tonya Nichole Davis (Baylor University)

*Discussant: Melinda Robison (Child Study Center)*

**140. An Evaluation of Delay and Denial Tolerance to Reduce Severe Problem Behavior** (AUT; Applied Research) MOLLY K. BEDNAR, Anlara McKenzie, Noor Javed, and Nicole Lynn Hausman (Kennedy Krieger Institute)

**141. Leave Me Alone: Assessment and Treatment of Problem Behavior Maintained by Escape from Attention** (AUT; Applied Research) REBECA TORRES and Jennifer Bailey (Bancroft)

**142. Masked Functions of Severe Self-Injury With and Without Restraint** (AUT; Applied Research) ROSE NEVILL (Kennedy Krieger Institute; Ohio State University); Molly K. Bednar, Thomas Banz, and Catherine Maruska (Kennedy Krieger Institute); and Nicole Lynn Hausman (Kennedy Krieger Institute; Johns Hopkins School of Medicine)

**143. Effects of Consecutive Sessions on Functional Analysis Outcomes** (CBM; Applied Research) PEI HUANG, Wendy K. Berg, and Suryamin Liman (The University of Iowa)

**144. Increasing Independent Work Task Completion for Alternate Activities to Increase Tolerance While Thinning the Reinforcement Schedule** (DEV; Applied Research) NOOR JAVED (Kennedy Krieger Institute; University of Maryland, Baltimore County), Amanda Goetzel (Kennedy Krieger Institute), Ryan Scherr (Kennedy Krieger Institute; University of Maryland, Baltimore County), Usai Bah and Dennis Park (Kennedy Krieger Institute), Lynn G. Bowman (Kennedy Krieger Institute; Johns Hopkins University School of Medicine), and Jonathan Dean Schmidt (Kennedy Krieger Institute)

**145. A Comparison of the Assessment of Putative Behavioral Functions for a Student With Emotional and Behavioral Disorders** (EDC; Applied Research) ZHICHUN ZHOU, Deborah A. Napolitano, and David McAdam (University of Rochester)

**146. An Application of Constraint Induced Movement Therapy Plus Shaping to Improve Upper Extremity Motor Control in a 4-Year-Old With Traumatic Brain Injury** (EDC; Service Delivery) Theresa Johnson and ZACHARY C. BIRD (Perkins School for the Blind)

*Discussant: Anita Li (Western Michigan University)*

**147. The Effects of Parent Implemented Direct Instruction on Literacy Skills of Children With Down Syndrome** (EDC; Applied Research) BLAKE HANSEN (Brigham Young University) and Jamie Wadsworth (Brigham Young University; University of Utah)

**148. Can You Hear Me? Effects of Bug-In-Ear Coaching on Direct Care Staff Implementation of Behavioral Plans** (OBM; Service Delivery) ABDULLAH A. ALSHEHRI and Alyse DeNunovo (People Inc.)

**149. Education to Employment: A Summary of the PROMOTES Employment Project After Year One** (Service Delivery) KAYLA JENSSEN, Kimberly Peck, and Jessica E. Frieder (Western Michigan University)

**150. Treatment Use Among Parents of Children With Down Syndrome: An Internet Survey** (PRA; Service Delivery) NICOLE M. NEIL (University of Western Ontario), Theresa Fiani (City University of New York, The Graduate Center), Arlene Mannion and Meagan Lynch (National University of Ireland, Galway), and Geraldine Leader (National University of Ireland)

**151. Utilizing Functional Communication Training to Decrease Challenging Behaviors in Children Diagnosed With Down Syndrome** (PRA; Applied Research) HANNAH ELYSE MCCAFFERTY-NURNBERGER, Jenna K. Averbeck, Stephany K. Stordahl, and Lindsay Kelly (Partners in Excellence)

**152. Using Positive Practice to Reduce Challenging Behaviors in Children With Disabilities: A Literature Review** (PRA; Applied Research) AMY NICOLE FEIND and Stephanie Gerow (Baylor University)

**153. An Evaluation of a Differential Reinforcement of Incompatible Behavior Component to Decrease High-Intensity Aggressive and Destructive Behavior** (PRA; Applied Research) HALEY FORD, Sarah Lichtenberger, Daniel Gordon, and Roy Justin Boyd (Kennedy Krieger Institute)

**154. Understanding the Application of Dimensions of Reinforcement for Individuals With Disabilities: A Systematic Review** (TBA; Applied Research) MEAGHAN LATIFI (University of Texas at Austin)

## #256 Poster Session

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12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

AUT

Chair: Jessica L. Thomason-Sassi (The New England Center for Children)

*Discussant: Jill McGrath Maher (Autism Learning Partners)*

**155. Journaling as Response Redirection of Perseveration in a Young Adult With Autism** (Applied Research) JOSEPH BAIRD and Sorah Stein (Partnership for Behavior Change)

**156. An Analysis of Academic Work Completion During Psychotropic Medication Titrations in Individuals Diagnosed With Developmental Disabilities** (BPN; Applied Research) AVA MALEY (The New England Center for Children; Western New England University) and Jason C. Bourret (The New England Center for Children)

**157. Evaluating the Effect of Medication Changes Using a Time-Limited Functional Analysis of Self-Injurious Behaviors** (BPN; Applied Research) JOCELYN SHIEH (Marcus Autism Center) and Mindy Christine Scheithauer, Nathan Call, and Joanna Lomas Mevers (Marcus Autism Center; Emory University)

**158. A Novel Approach to Teaching Joint Attention for Children With Autism Spectrum Disorders** (CBM; Applied Research) KATELIN HOBSON and Adam DeLine Hahs (Arizona State University)

**159. Exploring How Parents Choose Autism Treatments** (CBM; Applied Research) HEIDI L. HILLMAN (Eastern Washington University)

**160. Evaluating Predictors of Job Performance and Burnout Among BCBAs** (CBM; Applied Research) KAREN R. HARPER and Rachel Victoria Crookston (ABA of Illinois, LLC)

**161. How Far Is Too Far: Lag-Sequential Analyses** (CBM; Applied Research) ASHLI J. DALEY and Adam DeLine Hahs (Arizona State University)

**162. A Nursing and Behavior-Analytic Collaboration to Teach Weight Management Skills to Parents of Children With Autism Spectrum Disorder** (CBM; Applied Research) Kevin J. Brothers and Debra Brothers (Somerset Hills Learning Institute); EMILY GALLANT (Somerset Hills Learning Institute; Caldwell University); and Sandra R. Gomes, Jessica Lamb, Edgar D. Machado, Jennifer Rodzinak, and Paul Shreiber (Somerset Hills Learning Institute)

**163. Comparing the Impact of Caregiver Training Provided in Clinical and Natural Environments** (CBM; Service Delivery) KRISTIN DORRIS and LaTamara Garrett (Vanderbilt University Medical Center TRIAD)



- 164. ABA Parent Training for Spanish-Speaking Families: A Comparison of Methods** (CSS; Service Delivery) KYLAN S. TURNER and Erin Rotheram-Fuller (Arizona State University)
- 165. Employment Skills for Young Adults With Autism: Interventions With Empirical Evidence in Community Settings** (CSS; Service Delivery) LESLIE ANN BROSS (The University of Kansas)
- 166. Siblings as Interventionists? Analyzing Play Behaviors of Siblings of Children With Autism** (CSS; Service Delivery) SYLVIA COLLAZO (Florida Atlantic University)
- 167. An Evaluation of Pre-Requisite Skills and Motivation in Teaching Social Skills to Children With Autism** (CSS; Service Delivery) TESS GARTENBERG, Aarti Hareesh Thakore, Samantha Contreras, and Kelle Wood Rich (Central Texas Autism Center, Inc.)
- 168. Effects of a Differential Reinforcement of Other Behavior Procedure to Decrease Multiply Maintained Self-Injurious Behavior in a Child With Autism** (DDA; Service Delivery) KADIJAH QUINLAND, Rachel Cagliani, Samantha Huddleston, and Kevin Ayres (University of Georgia)
- Discussant: John D. Molteni (University of Saint Joseph)*
- 169. Tuesday Night Flights: An Exploration of The Role of Community Supports and Interventions for College Students With Autism Spectrum Disorder** (CSS; Service Delivery) LISA DEER and Traci M. Cihon (University of North Texas)
- 170. Training Effects on Implicit Spatial Perspective-Taking by Observing the View From Another Person's Perspective in Children With Autism Spectrum Disorder** (DDA; Service Delivery) HIROSHI ASAOKA and Fumiyuki Noro (University of Tsukuba)
- 171. Applications of Differential Reinforcement of Other Behavior With and Without Extinction** (DDA; Applied Research) KATTIE GUERRERO, Ana Ramirez, Noemi Trevino, Ana Huerta, and Zina A. Eluri (University of Texas Rio Grande Valley)
- 172. A Pilot Study Examining the Test-Retest and Internal Consistency Reliability of the Assessment of Basic Language and Learning Skills Revised** (DDA; Applied Research) SCOTT PARTINGTON and James W. Partington (Behavior Analysts, Inc.)
- 173. Matrix Training: Teaching a Child With Autism Gross Motor Imitation, Listener, and Speaker Behavior Skills** (DDA; Service Delivery) ASHLEY N. FIORILLI (Applied Behavior Consultants)
- 174. The Use of Stimuli to Increase of Motivating Operations to Increase Functional Mobility** (DDA; Applied Research) NOEMI TREVINO, Jennifer McGovern, Priscilla Boghs, Cristelle Miana, Victoria Garate, Pedro Izaguirre, Lorie Zamarripa, and Zina A. Eluri (University of Texas Rio Grande Valley)
- 175. A Large N Descriptive Assessment of Token Systems** (DDA; Applied Research) LESLEIGH ANN CRADDOCK, Stephanie Bonfante, and Jason C. Bourret (The New England Center for Children)
- 176. Assessment of Pre-session Exposure on Token Reinforcement During Response Acquisition** (DDA; Applied Research) STEFANIE UPSHAW (The New England Center for Children; Western New England University), Mary Katherine Carey (Western New England University), and Jason C. Bourret (The New England Center for Children)
- 177. Family Outcomes for Families and Toddlers Who Participated in the Project DATA Model Clinical Trial** (DDA; Service Delivery) JENNIFER FUNG (University of Washington)
- 178. A Comparison of Approach Frequency and a Compound Preference Index in Predicting Reinforcer Effectiveness Among Individuals With MR and Autism Spectrum Disorder** (DDA; Applied Research) BENJAMIN C. MAURO (The Sage Colleges; Center for Applied Behavior Analysis), Bernard Baugh (Brett DiNovi & Associates, LLC), Erin Smith (The Sage Colleges), and Joseph Priestley (Brett DiNovi & Associates)
- 179. Incontinence Interventions for Individuals With Autism Spectrum Disorders and Other Developmental Disabilities: A Review of Evidence and Meta-Analysis** (DDA; Basic Research) SETH WALKER and John Davis (University of Utah) and Heather S. Davis (Texas A&M University)
- 180. A Comparison of Contingency-Based Reinforcement Thinning Procedures** (DDA; Applied Research) MELINDA ROBISON and Joshua Jessel (Child Study Center) and Einar T. Ingvarsson and Rachel Metras (University of North Texas)
- 181. Comorbidity of Obsessive-Compulsive Disorder in Individuals With Autism: A Critical Literature Review of Cognitive Behavioral Therapy and Future Directions** (DDA; Theory) LEMAN KOSE and Lise Fox (University of South Florida)



*Discussant: Amarie Carnett (University of North Texas)*

**182. Use of a Multiple Schedules Arrangement to Control Excessive Motor Imitation** (DDA; Applied Research) SOPHIA SILVER (Children's Hospital Colorado), Patrick Romani (University of Colorado; Anschutz Medical Campus), and Lindsay Cohen, Rebecca Campbell, and Kelly Carpenter (Children's Hospital Colorado)

**183. The Effects of Delayed Reinforcement Without Extinction on Treating Escape-Maintained Problem Behaviors** (DDA; Applied Research) ELLE SMITH, Natalie Andzik, Corinne Gist, and Nancy A. Neef (The Ohio State University)

**184. A Review and Meta-Analysis of Maintenance and Generalization of Functional Communication Training** (DDA; Applied Research) ALEXANDRA AGUILAR, Leslie Neely, and Elaina Garcia (The University of Texas at San Antonio)

**185. Teaching Toileting Skills to Children with Autism and Developmental Disabilities: A Review of Recent Literature** (DDA; Applied Research) ABIGAIL GORHAM and Jeffrey Michael Chan (Northern Illinois University)

**186. Use of Social Stories to Decrease Maladaptive Behavior and Increase Desired Behavior in Children With Autism: Review of a Few Case Studies** (DDA; Service Delivery) SADAF KHAWAR (Hybridge Learning Group)

**187. Comparison of Delay Procedures for the Reinforcement of Mands** (DDA; Applied Research) MADELYNN LILLIE, Melissa Driške, and Jeffrey H. Tiger (University of Wisconsin–Milwaukee)

**188. Reducing Elopement Using Blocking, a Time-Out Procedure, and Differential Reinforcement** (DDA; Applied Research) SYDNEY HARBAUGH, Kelly Kohler, and Richard W. Malott (Western Michigan University)

**189. Assessing Preference for Different Types of Social Interaction** (DDA; Applied Research) SAMUEL L. MORRIS (University of Florida; Florida Autism Center) and Timothy R. Vollmer (University of Florida)

**190. The Effects of Blocking and Picture Exchange Communication System on Decreasing Head Banging** (DDA; Applied Research) EMILY DAVIS (BISTA Center)

**191. Assessment of Reinforcer Potency Through the Use of Progressive-Ratio Schedules of Reinforcement** (DDA; Applied Research) KADIJAH QUINLAND, Kevin Ayres, and Rachel Cagliani (University of Georgia)

**192. Comparison of Video Modeling Techniques for Maintaining Vocational Skills of Individuals With Autism and/or Developmental Disabilities** (DDA; Applied Research) TONI R. VAN LAARHOVEN (Northern Illinois University); Traci Vanlaarhoven-Myers (Indian Prairie School District 204); Daina Hunt (Argyle Independent School District); and Ximena Burgin, Jesse (Woody) W. Johnson, and Stephanie DeSpain (Northern Illinois University)

**193. The Evaluation of Interventions for Task Transition Among Children With Autism Spectrum Disorders: A Literature Review** (DDA; Applied Research) CHRISTY PRAWIRA and Tonya Nichole Davis (Baylor University)

**194. An Evaluation of Stimulus Fading and Positive Reinforcement to Improve Rapport in a Mother-Child Relationship** (DDA; Applied Research) VALORI N. BERENDS (Seattle Children's Hospital), Eric Boelter and Amber Persons (Seattle Children's Autism Center), and Ronald S. Thomson (Seattle Children's Hospital)

*Discussant: Robert W. Isenhower (Douglass Developmental Disabilities Center, Rutgers University)*

**195. Increasing Spontaneous Tacting in Children Using Echoic Training and Feedback** (DDA; Basic Research) TRACY YIP and Tsz Ching Ng (The Children's Institute of Hong Kong)

**196. Using a Progressive-Ratio Reinforcer Assessment to Inform Token Economy Menu Prices** (DDA; Applied Research) SARAH BROOKE HAYGOOD, Odessa Luna, and Sacha T. Pence (Auburn University)

**197. An Evaluation of a Video-Based Preference Assessment to Identify Reinforcing Social Stimuli for Children With Autism Spectrum Disorder and Typically Developing Children** (DDA; Applied Research) ELENE ABULADZE (California State University, Fresno), Lynn Service (University of British Columbia), and Laura L. Grow and Sarah Orique (California State University, Fresno)

**198. An Evaluation of Idiosyncratic Response Across Therapists Conducting Assessments and Treatments for Challenging Behavior** (DDA; Applied Research) JENNIFER STRACQUADANIO, Rachel Davis, Dylan Zimmerman, Daniel Heimlich, Mikala Rae Hanson, and Robert LaRue (Rutgers University)

**199. Preliminary Results of a Randomized Clinical Trial of a Web-Based Program for Delivering In-Home Early Intervention to Children With an Autism Spectrum Disorder** (DDA; Applied Research) CLAIRE S. GOODIN, Wayne W. Fisher, Kevin C. Luczynski, and Megan E. Vosters (University of Nebraska Medical Center's Munroe-Meyer Institute); Stephanie A. Hood (Briar Cliff University); Andrew Pierce Blowers (University of Nebraska Medical Center's Munroe-Meyer Institute); Mychal Machado (University

of Alaska Anchorage); and Aaron D. Lesser (The Johns Hopkins University School of Medicine; Kennedy Krieger Institute)

**200. Assessing Preference for and Efficacy of Different Forms of Verbal Praise as Reinforcers for Children With Autism** (DDA; Applied Research) EMILY SULLIVAN and Richard W. Serna (University of Massachusetts Lowell)

**201. Preliminary Comparison Between Two Behavioral Assessment Methods for Children With Autism via Telehealth** (DDA; Applied Research) JESSICA DETRICK (University of Missouri); Wendy K. Berg, David P. Wacker, Pei Huang, and Matthew O'Brien (The University of Iowa); and Loukia Tsami and Dorothea C. Lerman (University of Houston-Clear Lake)

**202. Effects of Staff Proximity on Disruptive and On-Task Behavior in Individuals With Autism Spectrum Disorder** (DDA; Applied Research) JAMES MARAVENTANO (Douglass Developmental Disabilities Center) and Jenna Budge, Rachel Davis, Efrat Kemp, Jacqueline Smith, and Robert LaRue (Rutgers University)

**203. Introduction of Demands Into Attention and Tangible Contexts of a Multiple Schedule to Treat Escape-Maintained Problem Behavior** (DDA; Service Delivery) LAUREN PHILLIPS, Wayne W. Fisher, Amanda Zangrillo, Todd M. Owen, and Wendy Strang (University of Nebraska Medical Center's Munroe-Meyer Institute)

**204. Exchange Schedules in Token Economies: Second-Order Schedule Effects** (DDA; Applied Research) TRACY ARGUETA (Florida Institute of Technology; World Evolve, Inc.), Yanerys Leon (Florida Institute of Technology), Andre V. Maharaj (Florida Institute of Technology; Florida International University), and Chavelys Valle (Florida Institute of Technology; World Evolve, Inc.)

**205. Evaluation of the Conditioned Reinforcing Properties of Tokens** (DDA; Applied Research) ANTHONY CONCEPCION (Kennedy Krieger Institute; University of Maryland Baltimore County), Jolene R. Sy (University of Maryland, Baltimore County), and Paige Talhelm (Kennedy Krieger Institute)

**206. The Effects of Signaled Extinction on High-Rate Mand: A Treatment Analysis** (DDA; Applied Research) JACOB ASCH, Jennifer N. Haddock, and Vivian Eysallem (University of Florida)

**207. The Effects of a Social Story Intervention on the Disruptive Behavior of a Young Child With Autism Spectrum Disorder** (DDA; Service Delivery) LINA GILIC (St. John's University) and John McKenna (University of Massachusetts Lowell)

**208. Review of Social Communication Interventions for Students With Autism Spectrum Disorder in School Settings** (DEV; Applied Research) FAHAD ALRESHEED (University of Oregon; Saudi Arabian Cultural Mission), Faisal Alnemary (University of California, Los Angeles), and James Lee and Wendy A. Machalicek (University of Oregon)

*Discussant: Catalina Rey (Kennedy Krieger Institute)*

**209. Interim Behavioral Techniques as a Protocol for a "Wait Program" to Teach Children on the Autism Spectrum** (DEV; Service Delivery) JANE YIP and Jane Yip (Purdue University and Autism Parent Care, LCC)

**210. Promoting Delay Tolerance Following Functional Communication Training for Problem Behavior Maintained by Access to Rituals** (DEV; Applied Research) REBECA TORRES and Sandra F. Kokolis (Bancroft)

**211. Using a Self-Monitoring System in a Social Setting for Children With Autism** (DEV; Service Delivery) MARY BETH WELCH and Megan Cross (McNeese State University)

**212. The Whole-Body Synchronization Increases Social Interaction Between Adult and Child With Autism Spectrum Disorder** (DEV; Service Delivery) SATORU SEKINE and Jun'ichi Yamamoto (Keio University)

**213. What is Polyvagal Theory and How Will it Make You Better?** (DEV; Applied Research) JOHN C. NEILL, Diane Grzebyk, Lindsay Margaret Miller, Jonathan Singh, and Nicole Zaccone (C. W. Post Campus of Long Island University)

**214. A Quality Review of Augmentative and Alternative Communication to Improve Communication Skills in Adolescents or Adults with Autism Spectrum Disorder** (DEV; Applied Research) CHING-YI LIAO (Texas A&M University)

**215. Preference of Prompting Strategies to Increase Compliance** (DEV; Applied Research) KELLY SHIRLEY, Kristina Gerencser, Colin S. Muething, and Mindy Christine Scheithauer (Marcus Autism Center) and Sarah J. Miller (Marcus Autism Center; Emory University School of Medicine)

**216. Using the Program for the Enrichment and Education of Relational Skills to Assist Students With Autism** (DEV; Service Delivery) Sandy Davis Devlin, Kenneth Coffey, Hunter Andrews, and MATTHEW COLLIER (Mississippi State University)

**217. Parent-Implemented Stimulus Pairing Training Using iPad Promoted Expressive and Receptive**

**Language in Child With ASD** (DEV; Applied Research) YUKA ISHIZUKA and Jun'ichi Yamamoto (Keio University)

**218. An Analysis of Treatment Options for Challenging Behaviors Maintained by Mand Compliance** (EAB; Applied Research) ANA RAMIREZ, Kattie Guerrero, Daniel Gonzalez, Jorge Cantu, Lorie Zamarripa, and Zina A. Eluri (University of Texas Rio Grande Valley)

**219. Evaluating the Mutual Engagement of Young Children With Autism Spectrum Disorders in Parent Training Program** (EAB; Service Delivery) HAN TIANYI, Masayo Koyama, and Jun'ichi Yamamoto (Keio University)

**220. Evaluating Visual Attention to Distal Stimuli in Large Space for Children With Autism Spectrum Disorder** (EAB; Service Delivery) MASAYO KOYAMA, Satoru Sekine, and Jun'ichi Yamamoto (Keio University)

**221. The Effects of the Differential Reinforcement of Low Rates of Behavior With a Response Cost Procedure on Socially Mediated Vocal Stereotypy in an Adolescent Male With ASD** (EAB; Applied Research) NAOMI LOUISE TAYLOR and Frances Parkes (Tomorrow's Voices Bermuda Autism Early Intervention Centre)

**222. Evaluation of Praise as a Conditioned Reinforcer in Triplets With Autism Spectrum Disorder** (EAB; Applied Research) Samuel Shvarts, COURTNEY HANNULA, Cassie Maureen Vergason, Shana Fentress, and Aaron Manzer (The Scott Center for Autism Treatment at Florida Institute of Technology); Christopher A. Podlesnik (Florida Institute of Technology); and Corina Jimenez-Gomez (The Scott Center for Autism Treatment, Florida Institute of Technology)

*Discussant: Jacqueline N. Potter (University of Massachusetts Lowell)*

**223. Teaching Abduction Prevention to Children With Autism: A Clinical Case Study** (EDC; Service Delivery) ASHLEY BORDELON (Louisiana State University; The Emerge Center), Philip Richard (Louisiana State University), Jane Morton (The Emerge Center), and George H. Noell (Louisiana State University)

**224. Evidence-Based Autism Intervention Training for Therapists in Germany** (EDC; Service Delivery) DAPHNE HARTZHEIM (Louisiana State University) and Alex McCurdy (University of the Pacific)

**225. The Effects of Differential Reinforcement of Alternative Behavior for a Child of School Age With Autism: Raising Hand and Waiting for Allowing Response** (EDC; Service Delivery) HUA FENG, Yi-chen Hsu, and Wenchu Sun (National Changhua University of Education)

**226. Exploring Variables Related to Improved Student Outcomes: An Early Intensive Behavioral Intervention for Young Children at Risk for Autism** (EDC; Service Delivery) ERIN KASSON (Saint Louis University) and Peggy Hammond and Suzanne Salmo, LCSW (United Services for Children)

**227. A Review of Evidence-Based Interventions for Students With Autism Spectrum Disorders in School Settings** (EDC; Applied Research) RYAN JAMESON MARTIN and Cynthia M. Anderson (National Autism Center at May Institute)

**228. Evaluating the Relationship Between the PEAK Relational Training System: Transformation Module Pre-Assessment and the Bracken: Basic Concept Scale-Third Edition for Children With Autism** (VRB; Applied Research) DANA PALILIUNAS, Caleb Stanley, Amani Alholail, Leah Verkuylen, Becky Barron, and Mark R. Dixon (Southern Illinois University)

**229. Analyzing the Pre-Requisite Skills for Children With Autism to Answer Multiple Questions About Visual Stimuli** (VRB; Applied Research) VICTORIA COHRS, Kathryn Glodowski, Jake Pagano, and Nicole M. Rodriguez (University of Nebraska Medical Center)

**230. Evaluating the Relationship Between the PEAK Direct Training and PEAK Generalization Assessments and Autism Severity** (VRB; Applied Research) ALYSSE A CEPEDA, Caleb Stanley, Dana Paliliunas, Jordan Belisle, and Mark R. Dixon (Southern Illinois University)

**231. Defining Behavioral Cusps: Operational Definitions of Early Social Communication Skills in Interventions on Young Children With Autism** (VRB; Theory) SARAH GRACE HANSEN (Georgia State University), Amarie Carnett (University of North Texas), and Christopher A. Tullis (Georgia State University)

**232. Preliminary Comparison of Response to Early Behavioral Intervention in Siblings of Multiple Births Diagnosed With Autism** (VRB; Applied Research) JODIE ANN JUSTICE, Molly Coyle Jouffas, Michelle Ennis Soreth, and Mary Louise E. Kerwin (Rowan University)

**233. Meta-Analysis of Mand Skill Teaching of Single-Case Research for Individuals With Autism Spectrum Disorders** (VRB; Applied Research) SANGWEON AUM (Eden II Programs)

**234. The Use of a Multiple Schedule to Decrease Repetitive Mands** (VRB; Service Delivery) CHELSEA MARIE ROCK, Melinda Cole, Christina Simmons, and Amanda Zangrillo (University of Nebraska Medical Center's Munroe-Meyer Institute)

**235. A Comparison of Antecedent Activities for Increasing Engagement During a Small Group Activity in a Child With Autism Spectrum Disorder** (PRA; Applied Research) Elizabeth Pokorski, ERIN E. BARTON, Jennifer Ledford, Abby Taylor, Elisabeth Anna Johnson, and Heather Winters (Vanderbilt University)

## #258 Symposium

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3:00 pm–3:50 pm  
Convention Center Mile High Ballroom 4E/F  
AUT/DDA; Applied Research  
BACB CE Offered. CE Instructor: Sharon A. Reeve, Ph.D.

### **Recent Developments of Video-Based Instruction to Staff Train and to Teach Exercise and Personal Care Skills**

Chair: Sharon A. Reeve (Caldwell University)

**Using Video Modeling on the iPad to Teach Staff Speech Interventions for Children With ASD**  
VICKI SPECTOR and Marjorie H. Charlop (Claremont McKenna College)

**Using Video Modeling to Teach Children With Autism to Engage in Exercise**  
MACKENZIE EMMONS, Sharon A. Reeve, Kenneth F. Reeve, and Ruth M. DeBar (Caldwell University)  
and Linda Meyer (Linda S. Meyer Consulting, LLC)

**Comparing Video Prompting Against In Vivo Prompting to Teach Two Personal Care Skills**  
SCOTT DUEKER and Helen I. Cannella-Malone (The Ohio State University)

## #259 Symposium

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3:00 pm–3:50 pm  
Convention Center Mile High Ballroom 3B  
AUT/AUT; Service Delivery  
BACB CE Offered. CE Instructor: Amy Kenzer, Ph.D.

### **Addressing Compliance in Preschool-Age Children With and Without Autism**

Chair: Amy Kenzer (Southwest Autism Research & Resource Center)

**Incorporating a “My Way” System to Increase Compliance in Three Children With Autism**  
AMANDA M. SUMNEY, Christine Wentz, and Rachel McIntosh (Southwest Autism Research and Resource Center)

**Utilizing Differential Reinforcement to Teach Functional Communication of Appropriate Refusals During Transitions**  
ALYSHA REED, Rachel McIntosh, and Amanda M. Sumney (Southwest Autism Research and Resource Center)

**Addressing Classroom-Wide Variations in Child Behavior Through a “Silly Band” Reinforcement System**  
RACHEL MCINTOSH and Christine Wentz (Southwest Autism Research and Resource Center)

## #260 Invited Presenter

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3:00 pm–3:50 pm  
Convention Center Four Seasons Ballroom 1  
AUT; Service Delivery  
PSY/BACB CE Offered. CE Instructor: Linda A. LeBlanc, Ph.D.

### **Creating Recommended Practice Guidelines for Applied Behavior Analytic Service Delivery**

Chair: Jessica L. Thomason-Sassi (The New England Center for Children)

LINDA A. LEBLANC (LeBlanc Behavioral Consulting LLC)



Linda A. LeBlanc, Ph.D., BCBA-D, licensed psychologist, is the president of LeBlanc Behavioral Consulting. She previously served as a professor at Claremont McKenna College, Western Michigan University, and Auburn University, and as the Executive Director of Trumpet Behavioral Health. She has published over 100 articles and book chapters on topics such as behavioral treatment of autism, technology-based behavioral interventions, behavioral gerontology, and system development in human services. Dr. LeBlanc is an associate editor for *Behavior Analysis in Practice* and the literature review editor for *Education and Treatment of Children*. She has previously served as an associate editor for *The Analysis of Verbal Behavior* and the *Journal of Applied Behavior Analysis*. She is the 2016 recipient of the American Psychological Association Nathan H. Azrin Award for Distinguished Contribution in Applied Behavior Analysis.

**Abstract:** Practice guidelines synthesize the published literature on a particular area of applied practice. Practice guidelines may also include specific recommendations for use of strategies and models to guide clinical decision-making. Agencies that provide applied behavior analytic (ABA) services can use practice guidelines to standardize their clinical services in pursuit of enhanced quality. This presentation presents a model for how to create recommended practice guidelines. The model includes a structured approach to literature synthesis, creation of tools and templates that facilitate implementation of best

practices, and incorporation of feedback on utility to the practicing behavior analyst. This presentation focuses on the organizational systems that must be developed in order to develop and implement recommended practice guidelines at large scale. In addition, the presentation will include two examples of published practice guidelines that have been developed using the model. The first example focuses on recommended practices for selecting measures for problem behavior. The second example focuses on recommended practices for individual supervision for aspiring behavior analysts.

### #261 Paper Session

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3:00 pm–3:50 pm  
Convention Center Four Seasons Ballroom 2/3  
AUT

#### **Outcome Measures of Applied Behavior Analysis Programming**

Chair: Dana J. Stevens (Northwest Autism Center)

##### **Evaluating the State Mandated 48 Day Intensive Applied Behavior Analysis Day Clinic** (Applied Research)

DANA J. STEVENS, Ryan Sain, Dawn M. Sidell, Mollie D. Roy, Gillian Brundage, Lauren M. Worcester, and Jessica Leigh Wagner (Northwest Autism Center)

##### **10-year Follow-Up of Adolescents With Autism Who Received Early Intensive Behavioural Intervention** (Applied Research)

ADRIENNE M. PERRY (York University) and Julie Koudys (Brock University)

### #262 Paper Session

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3:00 pm–3:50 pm  
Convention Center Mile High Ballroom 3C  
AUT

#### **Teaching Social Skills to Individuals With Autism Spectrum Disorders**

Chair: Kate Doyle (University of Cincinnati)

##### **Social Scripts to Teach Conversation Skills to Young Adults Significantly Impacted by Autism Spectrum Disorder** (Applied Research)

KATE DOYLE, Carla T. Schmidt, Christina Carnahan, and Kelly Garland (University of Cincinnati)

##### **Teaching Complex Social Skills Using Video-Based Group Instruction for Adolescents With Autism Spectrum Disorder** (Applied Research)

DAISY WANG (Autism Spectrum Therapies)

### #263 Symposium

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3:00 pm–3:50 pm  
Hyatt Regency, Capitol Ballroom 4  
CBM/DEV; Service Delivery  
BACB CE Offered. CE Instructor: Jeannie A. Golden, Ph.D.

#### **ABA Revisited: Understanding and Treating Psychopathic, Callous and Unemotional, Depressed and Anxious Behaviors**

Chair: Jeannie A. Golden (East Carolina University)

##### **Understanding and Treating Children With Attachment Disorders and/or Conduct Disorders Exhibiting Callous-Unemotional Traits**

JEANNIE A. GOLDEN (East Carolina University)

##### **Psychopathy, Social Learning Theory, and Behavior Analysis: An Examination of the Genesis of Deviant Social Development and the Impact on Criminality**

ANDRE V. MAHARAJ (Florida International University)

##### **Assessing and Treating Anxious and Depressed Behaviors in Adolescents**

KATY SCOTT and Jeannie A. Golden (East Carolina University)

### #264 Symposium

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3:00 pm–3:50 pm  
Hyatt Regency, Capitol Ballroom 5-7  
CBM; Basic Research  
BACB CE Offered. CE Instructor: Maureen Flynn, Ph.D.

#### **Relating to Others: Computer-Based Applications on Perspective Taking and Ostracism**

Chair: Madison Gamble (University of Louisiana at Lafayette)  
Discussant: Maureen Flynn (Metropolitan State University of Denver)

**Deictic Relational Responding and Perspective Taking in the Deaf**

REBECCA COPELL (University of Louisiana at Lafayette), Emily Kennison Sandoz (University of Louisiana at Lafayette)

**The Comparative Utility of a Self-Compassion and Self-Esteem Intervention for Experiences of Ostracism**

RUSSELL ANDERSON and Trisha Raque-Bogdan (University of Denver)

**#265 Symposium**

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3:00 pm–3:50 pm

Convention Center Mile High Ballroom 1C/D

DDA/EDC; Applied Research

BACB CE Offered. CE Instructor: Eli T. Newcomb, M.Ed.

**Try Try Again? An Evaluation of Error-Correction Procedures for Individuals With Delayed Learning Profiles**

Chair: Eli T. Newcomb (The Faison Center)

Discussant: Derek Jacob Shanman (Nicholls State University)

**A Comparative Analysis of Correction Procedures on Correct Responding Across Multiple Academic Skill Programs**

GRANT GAUTREAUX (Nicholls State University)

**Student Preference for Corrective Feedback and Further Effects on Acquisition Rates**

ELI T. NEWCOMB, Jennifer Graboyes Camblin, Elizabeth Newcomb, and Ting Chen (The Faison Center)

**#266 Invited Tutorial**

**Recorded Session**

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3:00 pm–3:50 pm

Convention Center Four Seasons Ballroom 4

DDA; Service Delivery

PSY/BACB CE Offered. CE Instructor: Andrew W. Gardner, Ph.D.

**Introductory Assessment and Treatment of Pediatric Feeding Disorders**

Chair: Andrew W. Gardner (University of Arizona)

SEAN D. CASEY (The Iowa Department of Education)



Dr. Casey is currently a consultant for challenging behaviors for the Iowa Department of Education and the clinical director for in-home feeding disorders at the Heartland Pediatric Feeding Disorder Program. He has published in such journals as *The European Journal of Applied Behavior Analysis*, *Behavioral Disorders*, *Journal of Behavioral Education*, and *Journal of Applied Behavioral Analysis*. His research interests include concurrent operants assessments, feeding disorders assessments and treatments, functional assessment of severe problem behaviors, negative reinforcement, and reinforcer assessment.

**Abstract:** Many children diagnosed with neurodevelopmental disabilities are also diagnosed with comorbid pediatric feeding disorders. Assessment and treatment approaches using an applied behavior analytic model have been associated with successful outcomes for children who display total food refusal and food selectivity. Nevertheless, ABA approaches are often under-utilized by most front-line clinicians and interventionists. More concerning, however, is that most behavior analysts receive little pre-service training in this area and yet are often called on to address feeding concerns. In this tutorial, this issue will be addressed by covering the following four areas: 1) providing a basic ABA framework to assessment and treatment, 2) identify a scope and sequence for treatment, 3) promoting appropriate, measurable goals to establish success or failure of treatment efforts, and 4) when to refer children to programs that have more time, more resources, or simply have more expertise to address a specific child's feeding concern. Implications for the use of ABA approaches in assessment and treatment in feeding problems in young children will also be discussed to help advance an appropriate scope of practice that is ethically acceptable for the typically practicing BCBA who has little to no formal pre-service training in the area of feeding disorders.

**#267 Symposium**

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3:00 pm–3:50 pm

Hyatt Regency, Centennial Ballroom E

EAB; Basic Research

**Disrupting Established Operant Behavior**

Chair: Daniel Bell-Garrison (West Virginia University)

**Response-Reinforcer Dependency, Response Rates, and Resistance to Change**

ITALO SIQUEIRA DE CASTRO TEIXEIRA and Carlos Renato Xavier Cançado (Universidade de Brasília)



**Occasional Relaxation of Differential-Reinforcement-of-Low-Rates Requirements Increases Responding**

DANIEL BELL-GARRISON (West Virginia University)

**Complexities Regarding Contingencies of Delayed Reinforcement**

IVER H. IVERSEN (University of North Florida)

**#268 Symposium**

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3:00 pm–3:50 pm

Hyatt Regency, Centennial Ballroom B/C

EAB/BPN

**Behavioral and Neuroeconomic Approaches to Reducing the Spread of Sexually Transmitted Infections**

Chair: Maggie Sweeney (Johns Hopkins University School of Medicine)

**Using Crowdsourcing Technology to Examine the Relationship Between Sexual Delay Discounting and Sexual Risk Behavior**

MAGGIE SWEENEY, Meredith Steele Berry, Patrick S. Johnson, Evan Herrmann, and Matthew W. Johnson (Johns Hopkins University School of Medicine)

**HIV Sexual Risk Decision-Making in Stimulant Addiction**

MIKHAIL KOFFARNUS (Virginia Tech Carilion Research Institute), Matthew W. Johnson (Johns Hopkins University School of Medicine), Warren K. Bickel (Virginia Tech Carilion Research Institute and Department of Psychology), and Stephen LaConte (Virginia Tech Carilion Research Institute)

**Evaluation of a Computer-Based Training Course on Antiretroviral Medication for People Living With HIV**

ANDREW RODEWALD (Center for Learning and Health; Johns Hopkins University School of Medicine) and Carol-Ann Getty, Brian R. Katz, August F. Holtyn, Brantley Jarvis, Shrinidhi Subramaniam, and Kenneth Silverman (Johns Hopkins University School of Medicine)

**#269 Symposium**

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3:00 pm–3:50 pm

Hyatt Regency, Mineral Hall D-G

OBM; Applied Research

BACB CE Offered. CE Instructor: Ashley Shayter, M.S.

**Getting the Job Done: Evaluating Methodologies for Improving Staff Performance Across Different Settings**

Chair: Ashley Shayter (Southern Illinois University)

**Using Behavior Skills Training to Increase Teacher Praise in a Classroom Setting**

Ericka Mullinix, Katelin Hobson, CHARLOTTE KATHEDER, and Adam DeLine Hahs (Arizona State University)

**Using Stimulus Equivalence to Train Paraprofessionals the Appropriate Least-to-Most Prompting Hierarchy**

ERIN KASSON, Alyssa N. Wilson, and Tracy Crystal Lemler (Saint Louis University) and Sadie L. Lovett (Central Washington University)

**Incorporating the Performance Diagnostic Checklist-Human Services Into a Performance Management System to Enhance Data Collection Procedures**

JOHN M. GUERCIO (Benchmark Human Services)

**#270 Panel Discussion**

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3:00 pm–3:50 pm

Hyatt Regency, Granite

OBM; Service Delivery

BACB CE Offered. CE Instructor: Todd A. Ward, Ph.D.

**Let's Start a Business! Fulfilling Skinner's Vision Through Entrepreneurship**

Chair: Todd A. Ward (bSci21 Media, LLC)

AMY D. WIECH (ABC Group, Inc. Hawaii)

SARAH KUPFERSCHMIDT (Sarah K Consulting)

ANGELA CATHEY (Enso Contextual Behavioral Innovations)



## #271 Paper Session

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3:00 pm–3:50 pm  
Hyatt Regency, Centennial Ballroom F/G  
PCH

### **History and Historiography: B. F. Skinner Archives and Artifacts**

Chair: Per Holth (Oslo and Akershus University College of Applied Sciences)

#### **Skinner in Boxes at Harvard Archives** (Theory)

PER HOLT (Oslo and Akershus University College of Applied Sciences)

#### **B.F. Skinner Plays Himself: Outtakes From A Film Biography** (Theory)

THEODORE KENNEDY

## #272 Symposium

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3:00 pm–3:50 pm  
Convention Center Mile High Ballroom 2B  
PRA/DDA; Service Delivery  
BACB/QABA CE Offered. CE Instructor: Kimberly Peck, M.A.

### **Projects from the Frontline: Training Transitional Skills Across the Lifespan for Individuals With Developmental Disabilities**

Chair: Austin Seabert (Western Michigan University)

#### **Toilet Training Children With Developmental Disabilities: Procedural Changes and Generalization of Bowel Movements**

Rebecca Kolb, REBECCA RENEE WISKIRCHEN, Denice Rios, and Stephanie M. Peterson (Western Michigan University)

#### **Sexuality and Individuals With Developmental Disabilities: Not Just a Synonym for Abstinence**

KIMBERLY PECK and Jessica E. Frieder (Western Michigan University)

#### **Now Hiring: Practical Tips for Obtaining and Maintaining Paid Employment for Individuals With Developmental Disabilities**

KAYLA JENSSEN, Kimberly Peck, and Jessica E. Frieder (Western Michigan University)

## #273 Symposium

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3:00 pm–3:50 pm  
Convention Center Mile High Ballroom 2A  
PRA/AUT; Service Delivery  
BACB CE Offered. CE Instructor: Justin B. Leaf, Ph.D.

### **The Registered Behavior Technician™ Credential: Training Outcomes and Concerns**

Chair: Mitchell T. Taubman (Autism Partnership Foundation)

#### **A Comparison of Highly-Structured Versus Self-Paced Training Protocols: Increasing Training Efficiency for Behavior Technicians**

LAUREN LESA LANIER (CARE, LLC; Endicott College), Thomas L. Zane (Endicott College), and Janet A. Schaefer (CARE, LLC)

#### **An Evaluation of Generalizability and Maintenance Outcomes for Competency-Based Training Provided In-Vivo Versus Role Play**

SOLANDY FORTE (Endicott College; CCSN: Center for Independence), Michael F. Dorsey (Endicott College), Mark J. Palmieri (CCSN: Center for Independence), and Mary Jane Weiss (Endicott College)

#### **Concerns About the Registered Behavior Technician™ in Relation to Effective Autism Intervention**

JUSTIN B. LEAF, Ronald Leaf, John James McEachin, and Mitchell T. Taubman (Autism Partnership Foundation)

## #274 Symposium

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3:00 pm–3:50 pm  
Convention Center Mile High Ballroom 2C  
PRA/AUT; Service Delivery  
BACB CE Offered. CE Instructor: Kira Austin, Ph.D.

### **Administering Assessments for Comprehensive Behavior Analytic Therapy Programs: Analyzing Practitioner Skills and Reliability**

Chair and discussant: Kira Austin (Whitworth University)

**Training Practitioners to Implement the Verbal Behavior Milestones Assessment and Placement Program Through Behavior Skills Training**

JESSE LASARTE (Whitworth University) and Dana J. Stevens (Northwest Autism Center)

**Assessment Practices Used in Comprehensive Early Intervention Treatment Programs: What are We Really Doing in the Field?**

JESSICA THOMAS (Whitworth University; Mead School District) and Kira Austin (Whitworth University)

**#275 Invited Presenter**

3:00 pm–3:50 pm

Hyatt Regency, Centennial Ballroom D

SCI; Basic Research

PSY/BACB CE Offered. CE Instructor: Donald A. Hantula, Ph.D.

**Why Behavioral Scientists Can and Should Be Involved in Federally Funded Research**

Chair: M. Christopher Newland (Auburn University)

DONALD A. HANTULA (Temple University)



Donald Hantula is an associate professor of psychology and director of the Decision Laboratory at Temple University, associate editor of the *Journal of Organizational Behavior Management (JOBM)* and editor of *The Behavior Analyst*. His research includes behavior analysis, behavioral economics, human decision making in dynamic environments and technological applications. He has previously held positions as visiting scientist and program director for Decision, Risk, and Management Sciences at the National Science Foundation, in Occupational Health Promotion (Johns Hopkins Medical School), Human Resource Management (King's College), and Management Information Systems (St. Joseph's University) and visiting scholar at University of Nevada, Reno. His research has appeared in *American Psychologist*, *IEEE Transactions*, *JABA*, *JOBM*, *JAP*, *OB&HDP*, and his most recent book is *Consumer Behavior Analysis: (A)Rational Approach to Consumer Choice* (with Victoria Wells).

**Abstract:** Behavioral scientists have much to offer, and much to gain from being involved in federal research funding. The National Science Foundation funds basic and applied research in many areas of interest to behavior analysts. In general, funded research advances theory and has substantial broader impacts beyond the results of the research itself. This presentation reviews the proposal and review process including the criteria of intellectual merit and broader impact; highlights opportunities in decision, risk and management sciences; and describes three funding mechanisms that may be of special interest: dissertation improvement grants for doctoral students, CAREER grants for early-career behavioral scientists, and research in undergraduate institutions grants for faculty at undergraduate colleges and universities. The presentation finishes with suggestions for raising the profile of behavior analytic science in this realm.

**#276 Symposium**

3:00 pm–3:50 pm

Convention Center Mile High Ballroom 3A

VRB/EDC; Applied Research

BACB CE Offered. CE Instructor: Anusha Subramanyam, Ph.D.

**Expanding Current Instructional Technologies to Teach Emergent Language: Adjectives and Verbs**

Chair: Anusha Subramanyam (The Chicago School of Professional Psychology)

Discussant: Traci M. Cihon (University of North Texas)

**Comparing the Effects of Different Combinations of Learning Channels on the Acquisition of Hierarchical Relational Responding of Children With Autism**

AARTI HARESH THAKORE (Central Texas Autism Center), Fawna Stockwell (Upswing Advocates), John W. Eshleman (The Chicago School of Professional Psychology), and Scott Herbst (SixFlex Training)

**A Further Analysis of Teaching Generalized Action Verb-Referent Relations: Applying Instructional Design to Equivalence-Based Instruction**

ANUSHA SUBRAMANYAM and John W. Eshleman (The Chicago School of Professional Psychology), Fawna Stockwell (Upswing Advocates), and Scott Herbst (SixFlex Training)

**#277 Symposium**

3:00 pm–4:50 pm

Convention Center Mile High Ballroom 4A

AUT/VRB; Applied Research

BACB CE Offered. CE Instructor: Laura L. Grow, Ph.D.

**Recent Advances in Skill Acquisition Interventions for Children With Developmental Disabilities**

Chair: Laura L. Grow (California State University, Fresno)

Discussant: Amanda Karsten (Western New England University)

**An Evaluation of Stimulus Presentation Arrangements on Children's Acquisition of Listener Behavior**  
MARIA TURNER (University of British Columbia), Laura L. Grow (California State University, Fresno), and Kaitlyn Edmonds (ABLE Developmental Clinic, Inc.)

**Comparison of Stimulus Set Size on the Efficiency of Skill Acquisition**  
BRITTANY LEBLANC, Tiffany Kodak, and Brittany Benitez (University of Wisconsin–Milwaukee); Terra Cliett (University of North Texas); and Sophie Knutson, Dayna Costello, Ella M. Gorgan, and Gabriella Van Den Elzen (University of Wisconsin–Milwaukee)

**Evaluating the Effects of Attending on the Academic Performance of Students With Autism Spectrum Disorder**

KATE E. FISKE (Douglass Developmental Disabilities Center, Rutgers University) and Daniela Silva (Rutgers University)

**An Evaluation of a Continuum of Adult-Mediated Naturalistic Language Interventions**  
BRITTANY DEGNER and Karen A. Toussaint (University of North Texas)

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### #278 Symposium

3:00 pm–4:50 pm

Hyatt Regency, Centennial Ballroom H

BPN/EAB; Basic Research

**Characterizing Reinforcer Pathologies Using Behavioral Economic Demand**

Chair: Meredith Steele Berry (Johns Hopkins University School of Medicine)

Discussant: Gregory J. Madden (Utah State University)

**Behavioral Economic Demand for Drugs of Abuse: Insights From the Novel Double-Blind Purchasing Task**

MEREDITH STEELE BERRY and Matthew W. Johnson (Johns Hopkins University School of Medicine)

**Shedding Light on Tanning Disorder: A Behavioral Economic Analysis of Cue-Evoked Demand**

AMEL BECIREVIC and Derek D. Reed (The University of Kansas), Michael Amlung (McMaster University), and Madison R. McNinch (The University of Kansas)

**Behavioral Economic Substitutability of e-Cigarettes, Tobacco Cigarettes, and Nicotine Gum**

MATTHEW W. JOHNSON (Johns Hopkins University School of Medicine), Patrick S. Johnson (California State University, Chico), and Lauren Pacek (Duke University Medical Center)

**Effects of Filter Ventilation on Behavioral-Economic Demand for Cigarettes**

JEFFREY S. STEIN (Virginia Tech Carilion Research Institute), Medha Satyal (Virginia Tech), and Mikhail Koffarnus and Warren K. Bickel (Virginia Tech Carilion Research Institute)

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### #279 Symposium

3:00 pm–4:50 pm

Hyatt Regency, Mineral Hall A-C

CSS/VRB: Service Delivery

BACB CE Offered. CE Instructor: Chad Drake, Ph.D.

**Moving Towards a Utopian World: Implicit Racial Biases, Mental Health Stigma, and Behavior Analysis**

Chair: Akeena Edwards (University of Mississippi)

Discussant: Nadia Bethley (University of Missouri)

**True/Good/Bad/False: Manipulating Response Options With a Racial Evaluations IRAP**

CHAD DRAKE (Southern Illinois University), Sunni Primeaux (Southern Illinois University Carbondale), Lisa Logterman (Southern Illinois University), Andrea Davidson (Southern Illinois University Carbondale), Ryan Kimball (Southern Illinois University)

**Symptoms vs. Diagnoses: Comparing Stigmatizing Attitudes Toward Psychopathology With Explicit and Implicit Measures**

JORDEN THOMAS (Southern Illinois University Carbondale), Isaiah Thompson (Southern Illinois University), Tia M. Richardson and Sunni Primeaux (Southern Illinois University Carbondale), and Chad Drake (Southern Illinois University)

**Please be White: Verbal Reports of Racial Preferences and Risky Sexual Behaviors**

ADAM LOUIS LOUIS PAUL and Yash Bhambhani (University of Mississippi), Maureen Flynn (Metropolitan State University of Denver), and Karen Kate Kellum and Kelly G. Wilson (University of Mississippi)

**Reducing Freshmen's Implicit Racism: Challenge and Change, or Accept and Act in Line With Values?**

YASH BHAMBHANI, Karen Kate Kellum, and Kelly G. Wilson (University of Mississippi)

## #280 Symposium

Ethics

3:00 pm–4:50 pm

Convention Center Mile High Ballroom 1A/B

DDA; Service Delivery

BACB CE Offered. CE Instructor: Joy Pollard, Ph.D.

### **Emerging Practices in Assessment and Treatment of Disruptive Behavior: Novel Applications of Telehealth and Exploratory Data Analysis**

Chair: Joy Pollard (Behavior Change Institute; Stanford University)

Discussant: Scott S. Hall (Stanford University)

#### **Enhancing the Efficiency and Objectivity of Functional Analysis Data Interpretation: A Step-by-Step Guide**

SCOTT S. HALL (Stanford University), Joy Pollard (Behavior Change Institute; Stanford University), and Katerina Monlux (Stanford University)

#### **Preliminary Findings of a Telehealth Model to Treat Problem Behaviors in Boys With Fragile X Syndrome**

KATERINA MONLUX (Stanford University), Arlette Bujanda and Joy Pollard (Behavior Change Institute; Stanford University), and Scott S. Hall (Stanford University)

#### **Evaluating the Generality of Therapeutic Gains via Telehealth**

NEALETTA HOUCHINS-JUAREZ, Abigail Morgan, Joseph Michael Lambert, Mary Matthews, Somer Wiggins, and Kayla Rechelle Randall (Vanderbilt University)

#### **Ethical Considerations in the Development of a Telehealth Service Delivery Model: Recommendations for Clinicians and Behavior Analytic Organizations**

JOY POLLARD, Kathleen Karimi, and Michelle Ficaglia (Behavior Change Institute)

## #281 Symposium

3:00 pm–4:50 pm

Convention Center 405

EDC/AUT; Service Delivery

BACB CE Offered. CE Instructor: Catherine Horton, M.S.

### **ABA is FUNctional! How to Run an ABA Classroom and Keep Everyone Smiling**

Chair: Anthony Castrogiovanni (Pyramid Educational Consultants, Inc.)

Discussant: Andy Bondy (Pyramid Educational Consultants, Inc.)

#### **The Cost/Benefit Analysis of Pyramid Consultation in a Public School Setting**

VIVIAN J. BUSH (Sussex Consortium)

#### **Pyramid Certified Classrooms—An Overview of the Pyramid Approach and Certification Model**

CATHERINE HORTON (Pyramid Educational Consultants)

#### **Pyramid Implementation Within a Public School Setting**

JOELLE LUGO (Freehold Twp Schools)

#### **Consulting in One School District Utilizing the Pyramid Approach to Education Framework: Highlights and Struggles**

ANNE OVERCASH (Pyramid Educational Consultants, Inc.)

## #282 Symposium

3:00 pm–4:50 pm

Convention Center 406/407

EDC/PRA; Applied Research

BACB CE Offered. CE Instructor: Kevin Ayres, Ph.D.

### **Teachers Benefit From Teaching, Too: Training Early Childhood Educators to Implement Evidence-Based Practices**

Chair: Kevin Ayres (University of Georgia)

Discussant: Justin Lane (University of Kentucky)

#### **Delivering Performance-Based Feedback to Early Childhood Professionals: Procedural Variations and Generalization**

Erin E. Barton, BETH POKORSKI, Marina Velez, and Monica Rigor (Vanderbilt University)

#### **Teacher Training Across Naturalistic Instructional Approaches in Inclusive Preschool Classrooms**

COLLIN SHEPLEY, Justin Lane, Jennifer Grisham-Brown, Amy Spriggs, and Olivia Winstead (University of Kentucky)

Sunday, May 28

**Behavioral Skills Training for Early Childhood Professionals: Implementation Fidelity of a Multi-Component Behavior Support Plan**

KATE TYGIELSKI CHAZIN (The Autism Clinic at The Hope Institute for Children) and Erin E. Barton, Jennifer Ledford, and Beth Pokorski (Vanderbilt University)

**Coaching Paraprofessionals to Promote Engagement and Social Interactions for Children With Autism Spectrum Disorders**

Jennifer Ledford, KATHLEEN ZIMMERMAN, Emilee Harbin, and Sarah Ward (Vanderbilt University); Kate Tygielski Chazin (The Autism Clinic at The Hope Institute for Children & Families; Vanderbilt University); and Natasha Patel, Vivian Morales, and Brittany Paige Bennett (Vanderbilt University)

**#283 Symposium**

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3:00 pm–4:50 pm

Convention Center 403/404

EDC/TBA; Applied Research

BACB CE Offered. CE Instructor: Jennifer Weber, Ph.D.

**Behavior Analytic Advances in Reading Instruction**

Chair: Jennifer Weber (Teachers College, Columbia University)

Discussant: R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

**The Effects of a Reader Immersion Procedure on the Accurate Comprehension and Technical Writing Responses of Kindergarten and First Grade Students**

MICHELLE MACKEY (Teachers College, Columbia University) and R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

**The Effects of Corrective Reading on the Number of Correct Derived Relation and Metaphor Responses in First Grade Students**

VANESSA LAURENT (Teachers College, Columbia University) and R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

**The Effects of Reading With and Without Pictures on Written Comprehension**

KELLY MERCORELLA (Teachers College Columbia University) and R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

**The Effects of the Corrective Reading Program on Increasing Reading Repertoires With Students in an Accelerated Independent Learner Classroom**

Jo Ann Pereira Delgado Delgado and Jennifer Weber (Teachers College, Columbia University), R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences), and JESSICA SINGER-DUDEK (Teachers College, Columbia University)

**#284 Symposium**

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3:00 pm–4:50 pm

Convention Center 401/402

TBA/EAB; Service Delivery

**PORTL: Your Portal to Learning and Researching Behavior Principles**

Chair: Jessica Winne (University of North Texas)

Discussant: T. V. Joe Layng (Generategy, LLC)

**PORTL and the Skinner Box: An Introduction**

JESUS ROSALES-RUIZ (University of North Texas) and Mary Elizabeth Hunter (The Art and Science of Animal Training)

**Contingencies Generate Both Rules About What To Do and Particular Emotions While Doing It**

ISABEL L. CUNNINGHAM and Jesus Rosales-Ruiz (University of North Texas)

**Performance on DRO Schedules Varies as a Function of Available Alternative Behaviors**

MARY ELIZABETH HUNTER (The Art and Science of Animal Training) and Jesus Rosales-Ruiz (University of North Texas)

**Reinforcing Variability Produces Stereotypic Behavior**

ANDREW R. KIETA and Jesus Rosales-Ruiz (University of North Texas)

**#285 Paper Session**

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3:00 pm–4:50 pm

Convention Center Mile High Ballroom 1E/F

VRB

**Theoretical Advancements in Skinner's Analysis of Verbal Behavior**

Chair: Mark L. Sundberg (Sundberg and Associates)

**Palmer's (2016) Concept of "Intraverbal Control" Extended to "Mand Control" and "Tact Control"** (Theory)

MARK L. SUNDBERG (Sundberg and Associates)

**Skinner's Verbal Behavior is the Foundation of Relational Frame Theory** (Theory)

SAM LEIGLAND (Gonzaga University)

**Joint Control: An Experimental Review and Future Considerations** (Theory)

JASON LEWIS and Joshua K. Pritchard (Florida Institute of Technology)

**Verbal Operants and Syntactic Constructions: English Noun Phrases** (Theory)

ROBERT DLOUHY (Western Michigan University)

**#285a Symposium**

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3:00 pm–4:50 pm

Convention Center Mile High Ballroom 4C/D

AUT; Applied Research

BACB CE Offered. CE Instructor: Amber R. Paden, M.S.

**Advances in the Assessment and Treatment of Repetitive and Ritualistic Behavior in Individuals With Autism and Related Disorders**

Chair: Amber R. Paden (University of Nebraska Medical Center's Munroe-Meyer Institute)

Discussant: Timothy R. Vollmer (University of Florida)

**Combining Free- and Forced-Choice Procedures to Decrease Resistance to Change**

JESSICA NIEMEIER and Wayne W. Fisher (University of Nebraska Medical Center's Munroe-Meyer Institute), Jennifer Felber (Summit Educational Resources), and Amber R. Paden (University of Nebraska Medical Center's Munroe-Meyer Institute)

**Decreasing Resistance to Change During Feeding for Children With an Autism Spectrum Disorder**

Vivian F. Ibanez (University of Nebraska Medical Center's Munroe-Meyer Institute); Kate M. Peterson (University of Nebraska Medical Center); Cathleen C. Piazza, Caitlin A. Kirkwood, and Jaime Crowley (University of Nebraska Medical Center's Munroe-Meyer Institute); Holly Ney (University of Nebraska Medical Center); University of Nebraska Omaha); and Trisha Franklin and Christopher W. Engler (University of Nebraska Medical Center's Munroe-Meyer Institute)

**The Role of Response Requirement and Toy Removal on the Effectiveness of RIRD for the Treatment of Vocal Stereotypy in Children With Autism**

OZLEM TOPER KORKMAZ, Dorothea C. Lerman, and Loukia Tsami (University of Houston-Clear Lake)

**Distribution of Repetitive Behavior Across Time in Individuals With Autism Spectrum Disorder**

KARLA ZABALA and Kara L. Wunderlich (University of Georgia) and Jorge A. Ruiz (Universidad Nacional Autonoma de Mexico)

**#286 Paper Session**

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4:00 pm–4:20 pm

Convention Center Mile High Ballroom 3B

AUT

**Treating Food Refusal**

Chair: Ken Winn (Firefly Autism)

**The Not-So-Hungry Caterpillar: A Unique Approach to the Treatment of Food Refusal** (Service Delivery)

AMANDA RADES, Rebecca Perry, and Ken Winn (Firefly Autism)

**#288 Panel Discussion**

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4:00 pm–4:50 pm

Convention Center Four Seasons Ballroom 2/3

AUT; Service Delivery

BACB CE Offered. CE Instructor: Brian Lopez, Ph.D.

**Documenting Medical Necessity and Determining Levels of Applied Behavior Analysis Services for Children With ASD**

Chair: Brian Lopez (JumpStart Autism Center)

ALLISON BARTSCH (JumpStart Autism Center)

JENNA GALLEGOS (JumpStart Autism Center)

BRIAN LOPEZ (JumpStart Autism Center)

## #289 Symposium

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4:00 pm–4:50 pm

Hyatt Regency, Capitol Ballroom 4

CBM/CSS: Applied Research

BACB CE Offered. CE Instructor: Raymond G. Miltenberger, Ph.D.

### **Applied Behavior Analysis for Enhancing Sports Performance**

Chair: Raymond G. Miltenberger (University of South Florida)

#### **Evaluating Behavioral Skills Training to Teach Safe Tackling Skills to Youth Football Players**

SHARAYAH TAI and Raymond G. Miltenberger (University of South Florida)

#### **Using Expert Modeling and Video Feedback to Improve Starting Block Execution With Sprinters**

APRIL DYAL and Raymond G. Miltenberger (University of South Florida)

#### **Evaluating TAGteach as a Training Procedure for Novice-to-Advanced Fastpitch Softball Pitchers**

BREANNA SNIFFEN and April Michele Williams (Rollins College)

## #290 Symposium

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4:00 pm–4:50 pm

Convention Center Mile High Ballroom 1C/D

DDA/VRB: Applied Research

BACB CE Offered. CE Instructor: Cara L. Phillips, Ph.D.

### **A Continuum of Evaluations of Functional Communication Training: From the Small to the Large Scale**

Chair: Cara L. Phillips (Kennedy Krieger Institute)

#### **Further Procedures to Verify Discriminated Manding**

SAMANTHA R. YOUNG and Cara L. Phillips (Kennedy Krieger Institute), Jolene R. Sy (University of Maryland, Baltimore County), and Jennifer R. Zarcone (Kennedy Krieger Institute)

#### **Resurgence of Problem Behavior Following Functional Communication Training in Three-Phase and Four-Phase Resurgence Procedures**

STEPHANIE L. KINCAID (Rollins College), Mindy Christine Scheithauer (Marcus Autism Center), Sarah J. Miller (Marcus Autism Center; Emory University School of Medicine Miller), and Nathan Call (Marcus Autism Center)

#### **A Meta-Analysis of Functional Communication Training Effects on Problem Behavior and Alternative Communicative Response**

LAURA C. CHEZAN (Old Dominion University) and Katie Wolfe and Erik Drasgow (University of South Carolina)

## #291 B. F. Skinner Lecture Series

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4:00 pm–4:50 pm

Convention Center Four Seasons Ballroom 1

DDA: Service Delivery

PSY/BACB CE Offered. CE Instructor: Eric Boelter, Ph.D.

### **Psychopharmacotherapy of Disruptive Behaviors in Intellectual and Developmental Disorders: Past, Present, and Future**

Chair: Eric Boelter (Seattle Children's Autism Center)

BRYAN H. KING (Weill Institute for Neurosciences, University of California San Francisco)



Bryan H. King, MD, MBA, is professor of psychiatry and vice chair of child and adolescent psychiatry for UCSF Health, as well as vice president for Child Behavioral Health Services at UCSF Benioff Children's Hospitals. A graduate of the Medical College of Wisconsin and the George Washington University School of Business, King has previously held faculty appointments at the UCLA David Geffen School of Medicine and Dartmouth Medical School. He has worked in a number of key clinical leadership positions at Seattle Children's Hospital, the Dartmouth-Hitchcock Medical Center and Children's Hospital at Dartmouth-Hitchcock, and the UCLA

Neuropsychiatric Institute and Hospital, in addition to serving as medical director for State of New Hampshire's Division of Developmental Services. Prior to joining UCSF, King was professor, vice chair, and director of child and adolescent psychiatry at the University of Washington, as well as chair of the Department of Psychiatry and Behavioral Health at Seattle Children's Hospital. He also served as the founding director of the Seattle Children's Autism Center. In these positions, he has overseen a significant expansion of psychiatric services for the children and families of Seattle and the State of Washington. King's research has focused largely on psychopathology in intellectual and developmental disorders. He has authored more than 120 academic publications and has participated in several of the major multi-site medication trials in autism spectrum disorder.



**Abstract:** Although evidence has grown with respect to identifying pharmacological approaches to the treatment of severe disruptive behaviors, many challenges have limited progress to date. Few medications have FDA approved indications for the treatment of behavioral disturbance in the population with developmental disorders, and questions can be raised about their specificity. Problems with heterogeneity of study populations can challenge the ability to identify therapeutic signals as well as the generalizability of findings. This presentation will review the current evidence base for addressing common behavioral target symptoms and underscore the need for a change in the current path of drug development to a more integrated, biobehavioral approach.

### #292 Invited Tutorial

4:00 pm–4:50 pm

Hyatt Regency, Capitol Ballroom 1-3

DEV; Theory

PSY/BACB CE Offered. CE Instructor: A. Charles Catania, Ph.D.

#### **I Forgot the Name of this Talk: A Tutorial on Remembering**

Chair: Per Holth (Oslo and Akershus University College of Applied Sciences)

A. CHARLES CATANIA (University of Maryland, Baltimore County)



When A. Charles Catania encountered psychology as a Columbia undergraduate, Keller and Schoenfeld's curriculum seamlessly incorporated a broad range of experimental psychology, including the topics of remembering and forgetting. The literature of experimental psychology also provided the context for his subsequent graduate and postdoctoral work at Harvard. After some psychopharmacology at the SK&F Laboratories in Philadelphia, he moved to the University Heights campus of NYU and then to the University of Maryland, Baltimore County, where he is now Professor Emeritus. Along the way, he conducted research on reinforcement schedules, stimulus control, verbal behavior, and other topics. Considerations of remembering became a component of both his research and his teaching, especially as he attempted to find bridges connecting operant analyses of delayed reinforcement to cognitive experiments on memory, with the latter often presented as challenges to behavioral approaches. That background has informed Catania's research and writing, and the current edition of his text, *Learning*, provides a behavior-analytic perspective on many examples drawn from the literature of remembering.

**Abstract:** From the effects of the temporal separation of responses and their consequences (as in delayed reinforcement) to the effects on behavior of events no longer present (as in verbal reports), behavior analysts study behavior extended in time. They are therefore either implicitly or explicitly concerned with the phenomena colloquially called remembering and forgetting. These phenomena have also been focuses of attention for those of the cognitive rather than the behavioral persuasion. This tutorial explores some properties of remembering and forgetting as revealed in both the behavioral and the cognitive literatures. What we know about remembering can contribute significantly to both our basic research and our applications. Cases to be considered include, among others: why remembering should be treated as a skill that can be shaped; how remembering varies with what is to be remembered; why remembering is better interpreted as recall of behavior with respect to stimuli no longer present than as recall of the stimuli themselves; how contingencies affect both forgetting and the creation of false memories; and how behavioral criteria can be applied to the distinctions among different varieties of remembering, such as short-term versus long-term memory or recall versus recognition.

### #293 Symposium

4:00 pm–4:50 pm

Hyatt Regency, Centennial Ballroom B/C

EAB; Basic Research

#### **Metacontingencies Experiments: Culturant's Selection by Positive and Aversive Cultural Consequences With Humans and Non-Humans**

Chair: Sigrid S. Glenn (University of North Texas)

##### **Reducing Culturant's Frequency by Presentation of Aversive Cultural Consequences**

FABIO HENRIQUE BAIA, Isabella Lemes, Poliana Ferreira da Silva, and Rogerio Guaita dos Santos Baia (Universidade de Rio Verde)

##### **Punishment By Third Parties in Equal and Unequal Distributions: Metacontingencies With Pairs of Children via Simulation With Characters**

LAERCIA ABREU VASCONCELOS and Karen Mororó (Universidade de Brasília)

##### **Fish as Subjects for the Experimental Analysis of Metacontingency**

LUCAS COUTO DE CARVALHO (Oslo and Akershus University College of Applied Sciences)

4:00 pm–4:50 pm  
 Convention Center Four Seasons Ballroom 4  
 EAB; Applied Research  
 PSY/BACB CE Offered. CE Instructor: Elizabeth Kyonka, Ph.D.

### In Search of the Authentic Self

Chair: Elizabeth Kyonka (University of New England)

SHEENA IYENGAR (Columbia Business School)



Sheena S. Iyengar is the inaugural S. T. Lee Professor of Business in the Management Division at Columbia Business School. She graduated with a BS in economics from the Wharton School of the University of Pennsylvania and received her Ph.D. in Social Psychology from Stanford University. She joined the Columbia faculty in 1998. Dr. Iyengar's core research focuses on the psychology of choice and decision-making, addressing how humans face challenges in a world where they are inundated with options. She has since turned her attention to tackling issues in the business world through the lenses of network analysis and diversity-inspired ideation. She looks at the processes used by both groups and individuals in making choices to see how we can improve on innovation, problem solving, and leveraging business relationships. Dr. Iyengar's work has been published in premiere academic journals across such disciplines as economics, psychology, management, and marketing, and she received the Presidential Early Career Award in 2002. Her book, *The Art of Choosing*, received a *Financial Times* and *Goldman Sachs Business Book* of the Year 2010 award, and was ranked #3 on the Amazon.com Best Business and Investing Books of 2010. Her research is regularly cited in the popular media, including the *New York Times*, *Wall Street Journal*, *the Economist*, and BBC. Dr. Iyengar has also appeared on television programs like the *Today Show*, *the Daily Show*, and Fareed Zakaria's *GPS* on CNN. Her TED Talks have collectively received almost four million views and her research continues to inform markets, businesses, and people all over the world. Dr. Iyengar has given keynotes for Deloitte, E&Y, AIG, and CapGemini, among many others, and regularly gives talks for Akshaya Patra to help raise money to increase access to education amongst the poor in India. She is also a member of the Board of Directors for the Asian University for Women and of the Kenjin-Tatsujin Council, the 100-Year Vision advisory group to Ashinaga.

**Abstract:** Every time you make a choice—whether it is what soda to buy or who to marry—you are making a creative decision about what kind of person you want to be and what kind of choice that person would make. Sheena Iyengar has dedicated her work to studying these choices, how and why we make them, and what they say about ourselves. Through examples that are at once illuminating and entertaining, she paints a picture of the pleasures and the burdens of a world that offers us seemingly endless options for making our lives unique.

### #295 Panel Discussion

### Supervision

4:00 pm–4:50 pm  
 Convention Center Mile High Ballroom 2A  
 PRA; Service Delivery  
 BACB CE Offered. CE Instructor: Sarah Winningham, M.A.

#### A Strategic Approach to Supervision

Chair: Karen Chung (Special Learning, Inc.)

SARAH WINNINGHAM (Special Learning, Inc.)  
 MAYRA CAMACHO (Special Learning, Inc)  
 CRYSTAL AYALA (Special Learning, Inc)

### #296 Paper Session

4:00 pm–4:50 pm  
 Convention Center Mile High Ballroom 3A  
 VRB

#### Analyzing Sign, PECS, and Speech-Generating Devices for Mand Training

Chair: Sang Seok Nam (California State Univ, San Bernardino)

##### Evaluating Acquisition of Picture Exchange-Based Versus Signed Mand and Implications to Teach Functional Communication Skills to Children With Autism (Theory)

SANG SEOK NAM, Holly Roehlsler, and Jessica Mitchell (California State University, San Bernardino)

##### Effectiveness of Proloquo2go™ in Enhancing Communication in an 8-Year-Old Girl With Autism Through Applied Behavior Analysis (Service Delivery)

Meera Ramani (ABA India; Behaviour Enrichment Dubai) and MAIRA RIFAT (Behaviour Enrichment Dubai)

## #297 Symposium

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4:00 pm–5:50 pm

Convention Center Mile High Ballroom 4E/F

AUT/DDA: Service Delivery

BACB CE Offered. CE Instructor: Kyong-Mee Chung, Ph.D.

### **Pilot Studies for Establishing Evidence-Based Treatment for Youths With ASD in Korea**

Chair: Kyong-Mee Chung (Yonsei University)

Discussant: Jinhyeok Choi (Pusan National University)

#### **Effectiveness of Early Intensive Behavioral Interventions in Korea**

SAEYeon SEONG and Minjoo Lee (Yonsei University)

#### **Effectiveness of Behavioral Parent Training for Challenging Behaviors in Youths With Developmental Disabilities: Comparison Between Mothers of Children and Those of Adolescents**

SOOJIN KIM (Yonsei University) and Yuna Kim (Korea Institute for ABA)

#### **Development of a Computer-Based Social Cognition Training Program for Children With High-Functioning Autism**

MINKYOUNG KIM, DongHyun Oh, and HyangKyeong Oh (Yonsei University)

#### **Effectiveness of an Intensive ESDM Parent Training for Social Reciprocity of Children With Autism Spectrum Disorder: A Pilot Study**

KYUNGHEE HAM (Yonsei University) and Hyeonsuk Jang (Korea Institute for ABA)

## #297a Symposium

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4:00 pm–5:50 pm

Convention Center Mile High Ballroom 2C

AUT; Applied Research

BACB/QABA CE Offered. CE Instructor: Jennifer L. Beers, Ph.D.

### **Reducing Stereotypy in Children With Autism**

Chair: Jennifer L. Beers (The Chicago School, Los Angeles)

Discussant: Adel C. Najdowski (Pepperdine University)

#### **The Effects of Noncontingent Access to Music on Vocal Stereotypy**

RACHEL STROMGREN and Jennifer L. Beers (The Chicago School, Los Angeles)

#### **The Effects of Noncontingent Access to Different Genres of Music on Vocal Stereotypy**

Sheila Goodman and JENNIFER L. BEERS (The Chicago School, Los Angeles)

#### **The Effects of Self-Management of a Momentary DRO on Stereotypy in Children With Autism**

MIGUEL FLORES and Jennifer L. Beers (The Chicago School, Los Angeles)

#### **Stimulus Control to Decrease Stereotypic Behaviors**

JILL L. MENGEL (Center for Autism and Related Disorders; Simmons College) and Megan Maureen Maixner, Elizabeth Meshes, and Angela M. Persicke (Center for Autism and Related Disorders)

## #298 Symposium

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4:00 pm–5:50 pm

Convention Center Mile High Ballroom 3C

AUT/DDA; Applied Research

BACB CE Offered. CE Instructor: Jordan Belisle, M.S.

### **Learning How to Learn: Moving Beyond Direct-Contingency Instruction Through Verbal Relational Training and Testing Strategies With Individuals With Disabilities**

Chair: Lindsey Renee Ellenberger (Southern Illinois University)

Discussant: Autumn N. McKeel (Aurora University)

#### **Evaluating the Relationship Between Higher-Order Relational Verbal Behavior and Common Assessments of Intellectual Functioning**

JORDAN BELISLE, Caleb Stanley, Dana Paliiunas, and Mark R. Dixon (Southern Illinois University)

#### **Derived Relational Responding and Contingency Shaped Learning: Evaluating the Effectiveness and Efficiency Through Randomized Control Trials and Single Subject Research**

MEGAN GALLIFORD, Jordan Belisle, Caleb Stanley, Amani Alholail, Lindsey Renee Ellenberger, and Mark R. Dixon (Southern Illinois University)

#### **A Comparison of Typical Percent Correct Scoring Systems and the PEAK Scoring System**

MICHAEL BROOKS, Brian Davis, and Seth W. Whiting (Central Michigan University)

#### **An Evaluation of a Normative Sample and a Sample With Autism on the Ability to Derive Relations Using the PEAK Equivalence Module**

KYLE E ROWSEY (The University of Southern Mississippi) and Jordan Belisle, Caleb Stanley, and Mark R. Dixon (Southern Illinois University)

## #299 Symposium

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4:00 pm–5:50 pm

Hyatt Regency, Capitol Ballroom 5-7

CBM/PRA: Service Delivery

BACB CE Offered. CE Instructor: David B. Lennox, Ph.D.

### **Applied Behaviour Analysis and Mental Illness: Our Lost Roots**

Chair: Louis Paul Alexander Busch (Centre for Addictions and Mental Health)

Discussant: David B. Lennox (QBS Inc.)

#### **Behavior Analysis' Broken Promise to Mental Health: A Brief Historical Review**

LISA ORSI (Forensic Consultation & Assessment Team: CAMH)

#### **Behavior Analysis in an Inpatient Psychiatric Setting: Creating and Maintaining Behavioral Change Using Trauma-Informed Practices**

JENNIFER MORRISON-DIALLO (Kings County Hospital Center)

#### **Addressing Self-Harm and Suicidality Related Behaviours in Youth With Trauma and Complex Needs**

MYLENA LIMA (Marymount)

#### **Integrating Applied Behavior Analysis in the Forensic Mental Health System**

LOUIS PAUL ALEXANDER BUSCH (Centre for Addictions and Mental Health)

## #300 Symposium

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4:00 pm–5:50 pm

Hyatt Regency, Granite

OBM/CSS: Service Delivery

BACB CE Offered. CE Instructor: Steven Ambro, M.S.

### **Spread the Word! An Overview of Some Current Interdisciplinary Applications of Behavior Analytic Dissemination**

Chair: Steven Ambro (University of Nevada Reno)

Discussant: Nicole Gravina (Florida Institute of Technology)

#### **Value-Based Care: An Open Door for OBM?**

DAVID KELLEY and Nicole Gravina (Florida Institute of Technology)

#### **ACT Therapy Versus ACTraining: A Behavioral Systemic Approach Towards Developing a Balanced View of Wellness in Higher Education**

ALISON SZARKO and Ramona Houmanfar (University of Nevada, Reno)

#### **Go With Your Gut? Examining the Role of Implicit Biases as They Relate to Diversity in the Workplace**

JOVONNIE L. ESQUIERDO-LEAL and Ramona Houmanfar (University of Nevada, Reno) and Nicole Jacobs (University of Nevada School of Medicine)

#### **Ignorance is Not Bliss: Applying a Behavior Analytic Approach to Situational Awareness Training**

STEVEN ANBRO and Ramona Houmanfar (University of Nevada, Reno), Mark P. Alavosius (Praxis2LLC), and Kenneth J. Killingsworth (University of Nevada, Reno)

## #301 Paper Session

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4:00 pm–5:50 pm

Hyatt Regency, Centennial Ballroom F/G

PCH

### **Understanding Behavior Analysis: Language, Mind, and Social Psychology**

Chair: Alvaro A. Clavijo Alvarez (Universidad Nacional de Colombia)

#### **Words and Rules Versus Intraverbal Collocations** (Theory)

JOHN H. MABRY

#### **Do the Words Mental States and Behavior Refer to Different Things?** (Theory)

ALVARO A. CLAVIJO ALVAREZ ALVAREZ (Universidad Nacional de Colombia)

#### **The Social Mind: Radical Behaviorism and Social Behavior** (Theory)

ANDRES H. GARCIA-PENAGOS (University of Tennessee)

#### **Behavior Analysis in the Media: What Are They Saying About Us?** (Theory)

Triton Ong and LISA M. STEDMAN-FALLS (University of Florida)

### #302 Symposium

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4:00 pm–5:50 pm

Convention Center Mile High Ballroom 2B

PRA/AUT; Service Delivery

BACB CE Offered. CE Instructor: Casey J. Clay, Ph.D.

#### **Recent Advancements and Applications in Behavioral Skills Training**

Chair: Casey J. Clay (University of Missouri)

Discussant: Russell Lang (Texas State University-San Marcos)

##### **A Review of Behavioral Skills Training: Identifying Effective Practices and Procedures**

Casey J. Clay (University of Missouri); Anne Clohisey (Doyle) (Thompson Center for Autism and Neurodevelopmental Disorders); and COURTNEY JORGENSON, Juliana Hoyos, and SungWoo Kahng (University of Missouri)

##### **Evaluating the Performance Diagnostic Checklist-Human Services to Assess Incorrect Error Correction Procedures by Preschool Paraprofessionals**

TYRA P. SELLERS and Melissa Bowe (Utah State University)

##### **Increasing Job Skills With Behavioral Skills Training and Self-Monitoring**

FRANCESCA RANDLE and Stephanie A. Hood (Briar Cliff University) and Atalie Arnold (Umo Ho Nation Schools)

##### **Teaching Water Safety Skills to Children With ASD Using Behavioral Skills Training**

MARILYSE TUCKER and Einar T. Ingvarsson (University of North Texas)

### #303 Symposium

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5:00 pm–5:50 pm

Convention Center Mile High Ballroom 4A

AUT/PRA;

BACB CE Offered. CE Instructor: Kaitlin Ross, M.S.

#### **Further Evolutions of Behavioral Treatment of Autism: Alternatives to Traditional Intervention Approaches**

Chair: Lauren Erion (Preparing Adolescents and Adults for Life)

##### **An Investigation of the Relationship Between Arousal and Problematic Behavior in Adolescents With Autism: Assessing Physiological Correlates**

KAITLIN ROSS (MECA); Thomas L. Zane (The University of Kansas); and Lauren Erion, Daniel Albrand, Gloria M. Satriale, and Frank Satriale (Preparing Adolescents and Adults for Life)

##### **A Comparison of Discrete Trial, Transfer Trial, and Cold Probe Teaching Methods**

HAZEL BAKER (Advances Learning Center; Endicott College)

##### **Doing More With Less: Innovative Ways of Teaching and Training via Technology**

ERIC SCHINDLEDECKER, Jessica Zawacki, and Gloria M. Satriale (Preparing Adolescents and Adults for Life) and Thomas L. Zane (The University of Kansas)

### #304 Symposium

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Supervision

5:00 pm–5:50 pm

Convention Center Mile High Ballroom 3B

AUT/OBM; Applied Research

BACB CE Offered. CE Instructor: Sharlet D. Rafacz, Ph.D.

#### **Using Telemedicine to Supervise Functional Analysis and Discrete Trial Performance**

Chair: Sharlet D. Rafacz (California State University, Fresno)

Discussant: Kelly M. Schieltz (University of Missouri)

##### **Functional Analysis Training for the Online Master's Student: A Telemedicine Approach**

THOMAS G. SZABO and Ellie Chambers (Florida Institute of Technology); Kelly Deacon (ABC Group); and Hannah Laviana, Rebecca Oshiro, and Jessica Sumner (Florida Institute of Technology)

##### **A Comparison Between In-Person, Videoconference, and Bug-in-Ear Feedback on Treatment Integrity With Early Intervention Employees**

CRYSTAL LOZA and Sharlet D. Rafacz (California State University, Fresno)

Sunday, May 28

### #305 Panel Discussion

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5:00 pm–5:50 pm  
Convention Center Mile High Ballroom 4C/D  
AUT; Service Delivery  
BACB CE Offered. CE Instructor: Jill E. McGrale Maher, M.A.

#### **Providing Clinically and Ethically Sound Services Within Managed Care Contracting**

Chair: Lorri Shealy Unumb (Autism Speaks)

JILL E. MCGRALE MAHER (Autism Learning Partners)  
STEVEN WOOLF (Beacon ABA Services)  
IAN MELTON (Endicott College; Hopebridge Pediatrics)

### #306 Panel Discussion

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Ethics

5:00 pm–5:50 pm  
Convention Center Four Seasons Ballroom 2/3  
AUT; Service Delivery  
BACB CE Offered. CE Instructor: Kim Phillips, M.A.

#### **Ethical Considerations in the Treatment of Severe Problem Behavior in the Home Setting**

Chair: Alexandra K. Petz (Autism Home Support Services)

LISA K. DWORKIN (Autism Home Support Services)  
KIM PHILLIPS (Autism Home Support Services)  
CHRISTIAN BENAVIDES (Beacon ABA Services)

### #307 Symposium

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Supervision

5:00 pm–5:50 pm  
Hyatt Regency, Capitol Ballroom 4  
CBM/DDA;  
BACB CE Offered. CE Instructor: David Donnelly, Ph.D.

#### **Trauma Informed Care: Through the Lens of Applied Behavior Analysis**

Chair: David Donnelly (University of Rochester)

##### **Trauma-Informed Care: Operationally Defining Trauma**

KEITH FREDERICK GORDON (University of Rochester; Hillside Family of Agencies) and David Donnelly (University of Rochester)

##### **Evidence Based Treatment of Trauma-Informed Care: A Review of the Literature**

KELLY POSTLE (University of Rochester; Stepping Stones Learning Center; New York State ABA) and David Donnelly (University of Rochester)

##### **Trauma-Informed Care: Trauma as Establishing Operation?**

MEGHAN L. MCGEE (University of Rochester; Warner School of Education) and David Donnelly (University of Rochester)

### #308 Panel Discussion

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5:00 pm–5:50 pm  
Hyatt Regency, Mineral Hall A-C  
CSS; Theory  
BACB CE Offered. CE Instructor: Richard E. Laitinen, Ph.D.

#### **What Makes Pokemon Go? Social Engineering Contingencies of the Now**

Chair: Gladys Williams (CIEL, SPAIN)

JESSICA FERNANDEZ (Personalized Accelerated Learning Systems, Inc.)  
KALLE LAITINEN (Educational and Developmental Therapies, Inc.)  
RICHARD E. LAITINEN (Personalized Accelerated Learning Systems)

### #309 Symposium

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5:00 pm–5:50 pm  
Convention Center Mile High Ballroom 1C/D  
DDA/CBM; Applied Research

#### **Evaluations of Factors Related to the Efficiency and Acceptability of Functional Analysis Procedures**

Chair: Wendy K. Berg (The University of Iowa)

##### **Functional Analysis of Aberrant Behavior Related to Transitions**

SETH B. CLARK, Mindy Christine Scheithauer, Jamieson Ekstrom, and Joanna Lomas Mevers (Marcus Autism Center)

**Utility of the Test Control (Pairwise) Design for Clarifying Inconclusive Functional Analysis Outcomes**  
CRAIG STROHMEIER (Kennedy Krieger Institute; Johns Hopkins University School of Medicine) and Jennifer R. Zarcone and Ashley Carver (Kennedy Krieger Institute)

**Year Two of a Randomized Control Trial of Functional Analysis Procedures Using Telehealth**  
MATTHEW O'BRIEN, David P. Wacker, Wendy K. Berg, and Scott D. Lindgren (The University of Iowa); Todd G. Kopelman (University of Iowa Hospitals and Clinics); Linda J. Cooper-Brown (The University of Iowa); Dorothea C. Lerman (University of Houston-Clear Lake); and Nathan Call (Marcus Autism Center)

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### #310 Symposium

5:00 pm–5:50 pm  
Hyatt Regency, Capitol Ballroom 1-3  
DEV/AUT; Applied Research  
BACB CE Offered. CE Instructor: Yu Cao, Ph.D.

**Two Procedures for Accelerating the Rates of Learning for Preschoolers and Adults**  
Chair: Yu Cao (Columbia University Teachers College)

**The Effects of Naming on the Rate of Learning for Preschool Children With and Without a Disability**  
YU CAO (Columbia University Teachers College)

**The Induction of the Verbal Developmental Capability of Naming and the Subsequent Acceleration of Learning by Observation**  
R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences), MADELINE FORINASH (Columbia University Teachers College), and Katherine M. Matthews (The Faison Center)

**A Comparison of TPRA and a Fidelity Checklist on Six Graduate Students' Accuracy of ADOS-2 Administration and Scoring**  
LIN DU (Columbia University Teachers College) and R. Douglas Greer (Columbia University Teachers College and Graduate School of Arts and Sciences)

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### #311 Symposium

5:00 pm–5:50 pm  
Convention Center 403/404  
EDC/PRA; Service Delivery

**Achieving Fluency With Academic Behaviors: Procedures and Results From Three Intervention Studies on Reading and Writing**  
Chair: Shawn M. Datchuk (The University of Iowa)

**The Effects of the Talk Aloud Problem Solving Instructional Package on Statement and Problem Solving Fluency**  
GINNY DEMBEK (Brooklyn College, State University of New York)

**The Effects of Explicit Instruction and Timed Practice on Sentence and Paragraph Writing Fluency of Adolescents**  
SHAWN M. DATCHUK and Kristin Monroe-Pei (The University of Iowa)

**The Effects of Performance Feedback on Elementary-Aged Students' Writing Fluency**  
BRIDGET HIER (University at Buffalo, State University of New York)

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### #312 Symposium

5:00 pm–5:50 pm  
Hyatt Regency, Mineral Hall D-G  
OBM/EDC; Service Delivery  
BACB CE Offered. CE Instructor: Robert F. Putnam, Ph.D.

**Multi-Tiered Systems of Support, AKA PBIS: What is the Role of Behavior Analysts?**  
Chair: Robert F. Putnam (The May Institute)  
Discussant: Rose Iovannone (University of South Florida; Florida Mental Health)

**Scaling up Applied Behavior Analysis: Implementing Multi-Tiered Systems of Support in Schools and Other Organizations**  
ROBERT F. PUTNAM (The May Institute)

**Roles of Behavior Analysts in Multi-Tiered Systems of Support in Schools: Supporting Each Tier**  
KACI FLEETWOOD (University of Nevada, Reno)



### #313 Invited Presenter

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5:00 pm–5:50 pm  
Hyatt Regency, Centennial Ballroom D  
PCH; Theory  
PSY CE Offered. CE Instructor: Richard Gilbert, Ph.D.

#### **A Fictional B. F. Skinner**

Chair: Edward K. Morris (The University of Kansas)

RICHARD GILBERT



Richard Gilbert has had several jobs over a long working life, including high-school teacher and university professor, government scientist and elected politician, journalist and consultant on transportation and urban issues. His main formal qualifications are a fifty-year-old Ph.D. in experimental psychology and long-time registration as a clinical psychologist in Canada's Province of Ontario. He's done no substantive work in psychology for decades. He's spent some of his retirement years revisiting matters that preoccupied him during the 1960s and 1970s through writing a novel, *Skinner's Quests*. In the 1960s, his research and teaching had focused on behavior analysis, shifting in the 1970s to behavioral pharmacology and work with human subjects. He served on the editorial board of the *Journal of the Experimental Analysis of Behavior* from 1971 to 1976. He ceased being a full-time researcher and teacher in 1976 when he was elected to the first of six terms as a local and regional politician in Toronto. Richard Gilbert has produced fifteen non-fiction books, the latest being the second edition of *Transport Revolutions: Moving People and Freight without Oil*, written with political scientist Anthony Perl. He's produced several hundred articles on a wide range of topics, some published in academic journals, more in professional and popular publications.

**Abstract:** *Skinner's Quests* describes a fictional odyssey by a young B. F. Skinner to England in 1939. His two quests were prompted by philosopher Bertrand Russell and involved Russell's protégé Ludwig Wittgenstein. The intellectual quest was to redirect Wittgenstein's changing analysis of language toward something Russell would find palatable. The political quest—undertaken for the White House—was to provide insights about the behavior of Adolf Hitler, who had been at high school with Wittgenstein. Skinner went chiefly to meet Sigmund Freud, near death in London after moving from Vienna in 1938. He had cited Freud often, with more admiration than agreement. Skinner met several other characters of historical importance, including Alan Turing. He also had numerous encounters with entirely fictional characters. Some were romantic. Some were merely social. Some had a sinister edge that reflected the time of his travels, one of modern history's most fraught periods. I'll describe the novel's provenance and possible achievements, and set out some of the behavioral issues examined in the novel. These mostly concern verbal behavior and are often presented within an evolutionary framework. I'll show how the backdrop of Europe's unsettling politics of the time was used to enrich the discussions of behavioral issues.

### #314 B. F. Skinner Lecture Series

**Recorded Session**

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5:00 pm–5:50 pm  
Convention Center Four Seasons Ballroom 4  
SCI; Basic Research  
PSY/BACB CE Offered. CE Instructor: William Stoops, Ph.D.

#### **Behavioral Economic Applications Reveal a Role for Dopamine in the Valuation of Negative Reinforcement**

Chair: William Stoops (University of Kentucky)

ERIC OLESON (University of Denver)



After initially performing undergraduate research in the laboratory of Dr. Peter Kalivas, Dr. Erik Oleson sought out a graduate training environment where he would be instructed in the intricacies of animal behavior. Dr. Oleson's Ph.D. mentor, Dr. David C. S. Roberts, and their colleagues at Wake Forest University School of Medicine, instilled him with a great appreciation for the experimental analysis of behavior. One notable scientific contribution from his graduate work was the development of an operant within-session behavioral economics approach that allows experimenters to assess the value an animal places on cocaine. Dr. Oleson then sought out a post-doctoral

training environment where he was trained to utilize several cutting edge neuroscientific techniques that can be applied to the behaving rat. Under the mentorship of Joseph F. Cheer at the University of Maryland School of Medicine, Dr. Oleson learned how to conduct fast-scan cyclic voltammetry and optogenetics. Fast scan cyclic voltammetry allows for a real time assessment of changes in neurochemical concentration; optogenetics allows for a causal assessment resulting from transiently turning on/off select neural populations. During his time a post-doctoral researcher, Dr. Oleson provided the first real time assessment of changes in dopamine concentration during signaled operant foot-shock avoidance. At present, Dr. Oleson is starting his independent laboratory at the University of Colorado Denver where he is assessing the role of dopamine in the valuation of foot shock avoidance.

**Abstract:** Making sound value-based decisions in a changing environment is an integral part of our daily economic-based decisions and our overall survival. Dopamine is a neuromodulator that is thought to represent reward value, but is almost exclusively studied within the context of positive reinforcement. Here, we are applying behavioral economic theory to address the role of dopamine in the valuation of not only positive, but also negative reinforcement. Either sucrose, or the opportunity to avoid electric foot shock, is provided to rats across ten ascending prices within a single experimental session. By assessing the rate at which individual demand curves decay, we compute a metric (alpha) that represents the worth a rat places on an outcome. Using voltammetry, we found that the concentration of dopamine observed at both sucrose- and avoidance-predictive cues decreased as a function of price, although an initial suppression was observed in the avoidance task. Using optogenetics, we found that modulating dopamine concentration similarly alters the valuation of sucrose and avoidance. Our results suggest that a transient dopamine signal represents the worth an animal places on any advantageous outcome.

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### #315 Panel Discussion

### Student Committee Event

5:00 pm–5:50 pm  
Convention Center 401/402  
TBA; Service Delivery  
BACB CE Offered. CE Instructor: Rachel Seaman, M.Ed.

### Professional Development Series: Novel Funding Sources for Training Behavior Analysts

Chair: Rachel Seaman (The Ohio State University)

KEITH D. ALLEN (University of Nebraska Medical Center's Munroe-Meyer Institute)  
ERICK M. DUBUQUE (Behavior Analysis Accreditation Board)  
R. DOUGLAS GREER (Columbia University Teachers College and Graduate School of Arts and Sciences)

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### #316 Symposium

5:00 pm–5:50 pm  
Convention Center 304  
TBA/EDC; Applied Research  
BACB CE Offered. CE Instructor: Azure Pellegrino, M.A.

### Training Applied Behavior Analytic Skills Using Advanced Technologies

Chair: Azure Pellegrino (Utah State University)

#### Evaluation of Interactive Computerized Training to Teach Paraprofessionals to Implement Errorless Discrete Trial Instruction

KRISTINA GERENCSEK (Utah State University; Marcus Autism Center) and Thomas S. Higbee, Bethany P. Contreras Young, Azure Pellegrino, and Summer Gunn (Utah State University)

#### Computer-Based Instruction for Training Teachers to Detect Potential Antecedents and Consequences of Problem Behavior

JELISA SCOTT and Dorothea C. Lerman (University of Houston-Clear Lake)

#### Comparing Procedures for Training Staff to Create Single-Subject Design Graphs Using GraphPad Prism

SYDNEY J BERKMAN, Eileen M. Roscoe, and Jason C. Bourret (The New England Center for Children)

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### #317 Invited Presenter

5:00 pm–5:50 pm  
Convention Center Four Seasons Ballroom 1  
VRB; Applied Research  
PSY/BACB CE Offered. CE Instructor: Einar T. Ingvarsson, Ph.D.

### A Nonsocial Reinforcement Hypothesis of Autism Spectrum Disorder and its Implication for the Acquisition of Verbal and Social Behaviors

Chair: Einar T. Ingvarsson (University of North Texas)

SVEIN EIKESETH (Oslo and Akershus University College of Applied Sciences)



Svein Eikeseth, Ph.D., is a professor of psychology at the Oslo and Akershus University College of Applied Sciences. Dr. Eikeseth has a Ph.D. from The University of Kansas and has been a postdoctoral researcher at the University of California, Los Angeles (UCLA). Dr. Eikeseth is the director of several major international research projects, and has made important contributions to the study of autism and to the field of behavior analysis. Eikeseth has published numerous scientific articles, book chapters, and books. He is a consultant for the Associazione Pianeta Autismo, Rome, Italia, research and clinical director the UK Young Autism Project, Director for Banyan Center, Stockholm, Sweden, and a consultant for the Institute of Child Development, Gdansk, Poland.

**Abstract:** Children with ASD and typically developing children were given a choice of responding to view social images or responding to view nonsocial images. Results showed that children with ASD responded significantly more to view the nonsocial images as compared to the typically developing children. This demonstrates that the nonsocial stimuli are more potent reinforcers for the behavior of children with ASD, as compared to typically developing children. The Nonsocial Reinforcement Hypothesis of ASD asserts that infants develop ASD because they have a strong affinity for nonsocial reinforcers. When nonsocial stimuli are more reinforcing than social stimuli, the environment selects and shapes various forms of stereotyped and repetitive behavior rather than verbal and social behaviors. Indeed, verbal operants such as tacts and intraverbals are shaped and maintained by social reinforcement, and are often missing or delayed in children with ASD. Echoic behavior, which is more often seen in children with autism, do not require the same type of social reinforcement since copying a stimulus may be reinforcing in itself. The affinity for nonsocial reinforcers may have negative effects on the establishment of a variety of social stimuli as conditioned reinforcers, which further hampers the development of communication, social skills and social interests.

### #318 Symposium

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5:00 pm–6:50 pm  
Convention Center Mile High Ballroom 1A/B  
DDA

#### **Recent Advances in Methods to Improve Functional Communication Training**

Chair: Valdeep Saini (Upstate Medical University)

Discussant: Wayne W. Fisher (University of Nebraska Medical Center's Munroe-Meyer Institute)

##### **Modification of Reinforcement Schedules to Increase Mand Variability During Functional Communication Training**

NICOLE M. DEROSA, William Sullivan, and Henry S. Roane (Upstate Medical University)

##### **An Evaluation of Conditional Manding Using a Four Component Multiple Schedule**

JESSICA AKERS (University of Nebraska Medical Center); Wayne W. Fisher, Ami J. Kaminski, and Brian D. Greer (University of Nebraska Medical Center's Munroe-Meyer Institute); and Andresa De Souza and Billie Retzlaff (University of Nebraska Medical Center)

##### **An Evaluation of Response Re-Emergence During Extinction Following Functional Communication Training**

MAGGIE ANN MOLONY, Joel Eric Ringdahl, and Kayla Crook (University of Georgia)

##### **Reducing Resurgence of Destructive Behavior Following Functional Communication Training Using Behavioral Momentum Theory**

ASHLEY MARIE FUHRMAN (University of Nebraska Medical Center), Wayne W. Fisher and Brian D. Greer (University of Nebraska Medical Center's Munroe-Meyer Institute), Valdeep Saini (Upstate Medical University), and Christina Simmons (University of Nebraska Medical Center's Munroe-Meyer Institute)

### #319 Symposium

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5:00 pm–6:50 pm  
Hyatt Regency, Centennial Ballroom E  
EAB/AUT; Service Delivery  
BACB CE Offered. CE Instructor: Thomas S. Higbee, Ph.D.

#### **Reinforced Behavioral Variability: Basic Research, Applications, and Theoretical Implications**

Chair: Thomas S. Higbee (Utah State University)

Discussant: Christopher A. Podlesnik (Florida Institute of Technology)

##### **Persistence and Relapse of Reinforced Behavioral Variability**

ANNIE GALIZIO and Charles Frye (Utah State University), Jonathan E. Friedel (National Institute for Occupational Safety and Health), and Jeremy Haynes and Amy Odum (Utah State University)

##### **Effects of Response Cost and Variation Contingencies Upon Choice**

JOSELE ABREU RODRIGUES and Livia de Angeli Silva Penha (Universidade de Brasília), Déborah Lôbo (Universidade de Fortaleza), and Leticia Pires (Universidade de Brasília)

##### **An Analysis of Variability of Play Behavior With Preschool Children With Autism**

KATIE ENDICOTT and Thomas S. Higbee (Utah State University)

##### **Operant Variability in Perspective**

ALLEN NEURINGER (Reed College)

### #320 Symposium

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5:00 pm–6:50 pm  
Hyatt Regency, Centennial Ballroom B/C  
EAB/BPN; Service Delivery

#### **Delay Discounting and its Repair: Methodological Issues and Extension**

Chair: Michael Sofis (The University of Kansas)  
Discussant: David P. Jarmolowicz (The University of Kansas)

##### **Self-Controlled Rats? Assessing the Generality of Delay-Exposure Training**

DAVID MATTHEW COLE and Gregory J. Madden (Utah State University)

##### **A Meta-Analysis of Nonsystematic Responding in Delay and Probability Discounting**

STEVEN R. LAWYER and Kathleen Smith (Idaho State University)

##### **Rate Dependent Effects of Delay Framing and Hidden Zero Manipulations in the Monetary Choice Questionnaire**

GIDEON NAUDE, Derek D. Reed, Amy J. Henley, Brent Kaplan, and Florence D. DiGennaro Reed (The University of Kansas)

##### **Experimentally Manipulating Impulsive Choice in Rats**

RENEE RENDA and Gregory J. Madden (Utah State University)

### #321 Symposium

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Ethics

5:00 pm–6:50 pm  
Convention Center Mile High Ballroom 2A  
PRA/EDC; Service Delivery  
BACB CE Offered. CE Instructor: Susan Wilczynski, Ph.D.

#### **Evidence-Based Decision-Making: Considerations From Four Contexts**

Chair: Timothy A. Slocum (Utah State University)  
Discussant: Ronnie Detrich (The Wing Institute)

##### **Training Behavior Analysts to Use the Evidence-Based Practice Decision-Making Model**

SUSAN WILCZYNSKI (Ball State University)

##### **Improving Evidence-Based Decision-Making Among Pre-Service General and Special Education Teachers**

LAWRENCE J. MAHEADY (State University of New York Buffalo State)

##### **Designing and Implementing an Evidence-Supported State-Wide Professional Development System for Educators**

DAVID FORBUSH (Utah State University)

##### **Detecting and Troubleshooting Treatment “Failures”: An Essential Component of Evidence-Based Practice**

RICHARD WAYNE FUQUA (Western Michigan University)

### #322 Symposium

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5:00 pm–6:50 pm  
Convention Center Mile High Ballroom 3A  
VRB  
BACB CE Offered. CE Instructor: Corey S. Stocco, Ph.D.

#### **Advanced Verbal Behavior**

Chair: Corey S. Stocco (University of the Pacific)  
Discussant: Anna I. Petursdottir (Texas Christian University)

##### **Contriving Motivating Operations to Teach the “Why?” Mand for Information to Children With Autism Spectrum Disorder**

JULIA EMERY and Sarah A. Lechago (University of Houston-Clear Lake)

##### **Teaching Multiply Controlled Intraverbals to Children With Autism**

MICHELLE L. ZUBE, April N. Kisamore, Ruth M. DeBar, Sharon A. Reeve, and Catherine Taylor-Santa (Caldwell University) and Lauren Goodwyn (Garden Academy)

##### **Using Stimulus Equivalence-Based Instruction to Teach Primary Caregivers’ Contact Information to Children of Typical Development**

TIFFANY LAFOND (Caldwell College), Kenneth F. Reeve, Sharon A. Reeve, Jason C. Vladescu, and Jessica Day-Watkins (Caldwell University)

##### **Using Rules to Improve the Honest Reports of Children in Environments With Conflicting Reinforcement Contingencies**

JESSICA SAUTER (Briar Cliff University) and Ingrid Saavedra and Corey S. Stocco (University of the Pacific)

Sunday, May 28

### #323 Symposium

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6:00 pm–6:50 pm

Convention Center Mile High Ballroom 3C

AUT; Applied Research

BACB CE Offered. CE Instructor: Catelyn Gumaer, M.A.

#### **The Power of Language for Children With Autism Spectrum Disorder: Increasing Play and Social Skills**

Chair: Mark O'Reilly (The University of Texas at Austin)

Discussant: David M. Richman (Texas Tech University)

#### **Natural Language Paradigm for Children With Autism Spectrum Disorder: Play, Happiness, and Social Behaviors**

CATELYN GUMAER (Claremont Graduate University) and Marjorie H. Charlop (Claremont McKenna College)

#### **Examining the Effects of Language on Social Skills in Bilingual Children With Autism Spectrum Disorder**

NATALY LIM (University of Texas at Austin) and Marjorie H. Charlop (Claremont McKenna College)

### #324 Symposium

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6:00 pm–6:50 pm

Convention Center Mile High Ballroom 4A

AUT/EDC; Applied Research

BACB CE Offered. CE Instructor: Tara Olivia Loughrey, Ph.D.

#### **Evaluations of Video-Based Instruction Variables for Skill Acquisition in Children With Autism**

Chair: Tara Olivia Loughrey (The Victory Center for Autism and Related Disabilities)

Discussant: Logan McDowell (The Victory Center for Autism and Related Disabilities)

#### **A Comparison of the Effects of Screen Sizes During Video Prompting With Children With Autism**

SHANNON BARTON and Tara Olivia Loughrey (The Victory Center for Autism and Related Disabilities), Adam Thornton Brewer (Florida Institute of Technology), and Logan McDowell (The Victory Center for Autism and Related Disabilities)

#### **Effects of Video Prompting Without Narration on a Daily Living Skill Among Students With Autism**

TARA OLIVIA LOUGHREY (The Victory Center for Autism and Related Disabilities), Kyle Bennett and Cristina Crocco (Florida International University), and Logan McDowell (The Victory Center for Autism and Related Disabilities)

### #325 Panel Discussion

### Student Committee Event

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6:00 pm–6:50 pm

Hyatt Regency, Mineral Hall A-C

CSS; Service Delivery

#### **Professional Development Series: Dissemination: A Collaborative Effort**

Chair: Brittany Zey (University of Houston Clear Lake)

KENNON ANDY LATTAL (West Virginia University)

RAYMOND G. MILTENBERGER (University of South Florida)

PATRICK C. FRIMAN (University of Nebraska)

### #326 Symposium

### Ethics

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6:00 pm–6:50 pm

Convention Center Mile High Ballroom 1C/D

DDA/PRA; Applied Research

BACB CE Offered. CE Instructor: Joshua Jessel, Ph.D.

#### **An Evaluation of Methods Improving the Safety and Efficiency of the Functional Analysis and Treatment Process**

Chair: Joshua Jessel (Child Study Center)

#### **An Evaluation of the Single-Test Interview-Informed Synthesized Contingency Analysis**

RACHEL METRAS, Joshua Jessel (Child Study Center), Gregory P. Hanley (Western New England University), Mahshid Ghaemmaghami (University of the Pacific), and Melinda Robison (Child Study Center)

#### **Manipulating Dimensions of Reinforcement to Reduce Rates of Problem Behavior in the Absence of Escape Extinction**

Sandra Beatriz Castellon (Florida Institute of Technology), ALISON M. BETZ (Coastal Behavior Analysis), Krystal Aguirre (Florida Institute of Technology), Madeleine Diane Keevy (Florida Institute of Technology; The Scott Center for Autism), and Ansley Catherine Hodges (Nemours Children's Hospital)

#### **Investigation of Differential Reinforcement of Alternative Behavior Without Extinction for Escape-Maintained Problem Behavior**

ADAM M. BRIGGS (University of Nebraska Medical Center's Munroe-Meyer Institute) and Claudia L. Dozier, Amber Lessor, Bertilde U. Kamana, and Rachel Jess (The University of Kansas)

### #327 Symposium

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6:00 pm–6:50 pm  
Convention Center 406/407  
EDC/DDA

**Supporting Elementary and Secondary Students With Developmental Disabilities in Inclusive Settings: Shaping Academic, Adaptive, and Metacognitive Behaviors**  
Chair: Sara Razia Jeglum (University of Wisconsin-Madison)

**Watch This! Using an App to Teach Academics Through Paraprofessional Implementation of Video Prompting**  
EMILY KUNTZ and Victoria Knight (Vanderbilt University)

**Supporting High School Students With Autism Spectrum Disorders in Inclusive Settings Using a Educator Coaching Intervention: Preliminary Efficacy and Acceptability**  
MEGAN LEDOUX (San Diego State University) and Sara Razia Jeglum (University of Wisconsin-Madison)

**Stop and Think: Using Prompt Procedures to Improve Reading Comprehension Strategies for Secondary Students With Developmental Disabilities in General Education Settings**  
SARA RAZIA JEGLUM, Jessica McQueston, and Andrea Ruppap (University of Wisconsin-Madison) and Victoria Knight (Vanderbilt University)

### #328 Panel Discussion

Student Committee Event

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6:00 pm–6:50 pm  
Convention Center 405  
EDC; Applied Research

**Professional Development Series: The Application of Applied Behavior Analysis in the General Education Setting: An Introduction to the Comprehensive Application of Behavior Analysis to Schooling (CABAS™) Model**

Chair: Lara Gentilini (Teachers College, Columbia University)  
JOANN PEREIRA DELGADO (Teachers College, Columbia University)  
JENNIFER WEBER (Teachers College, Columbia University)  
KIEVA SOFIA HRANCHUK (Scottsdale Children's Institute)

### #329 Panel Discussion

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6:00 pm–6:50 pm  
Convention Center 403/404  
EDC; Service Delivery  
BACB CE Offered. CE Instructor: Todd W. Knealing, Ph.D.

**Behavior Analysis and Academic Assessment in Higher Education**

Chair: Emmie Hebert (University of Mississippi)  
MARIA LYNN KESSLER (Oregon Institute of Technology)  
TODD W. KNEALING (Briar Cliff University)  
EMILY THOMAS JOHNSON (Behavior Attention and Developmental Disabilities Consultants, LLC)

### #330 Panel Discussion

Supervision

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6:00 pm–6:50 pm  
Hyatt Regency, Mineral Hall D-G  
OBM; Service Delivery  
BACB CE Offered. CE Instructor: Coby J. Lund, Ph.D.

**Tools to Enhance Performance in Human Service Settings**

Chair: Coby J. Lund (DataFinch Technologies)  
LINDA A. LEBLANC (LeBlanc Behavioral Consulting LLC)  
JANET BARNETTE LUND (DataFinch; Integrated Behavioral Solutions)  
DAVID A. WILDER (Florida Institute of Technology)

### #331 Symposium

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6:00 pm–6:50 pm  
Hyatt Regency, Centennial Ballroom F/G  
PCH; Theory

**A Proposal for Increased Behavior-Analytic Conceptual and Terminological Breadth: Analysis of “The Platinum Rule” and Consideration of an “Evocative Point”**

Chair: Ashli J. Daley (Arizona State University)  
Discussant: John M. Guercio (Benchmark Human Services)

Sunday, May 28

**Analytic Use of the “Evocative Point” to Define Schedules of Reinforcement: A Proposal for Additional Terminology and Analyses**

DONALD M. STENHOFF (The BISTÁ Center; Arizona State University)

**Can't We All Just Get Along: A Relational Frame Theory Account of “The Platinum Rule”**

ADAM DELINE HAHS (Arizona State University)

**#332 Invited Presenter**

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6:00 pm–6:50 pm

Hyatt Regency, Centennial Ballroom D

PCH; Theory

PSY/BACB CE Offered. CE Instructor: Neville Morris Blampied, Ph.D.

**Skinner on Averaging: Was He Right? Should We Keep the Faith?**

Chair: Darlene E. Crone-Todd (Salem State University)

NEVILLE MORRIS BLAMPIED (University of Canterbury)



Neville M. Blampied graduated from the University of Auckland in 1970. That year he moved to a faculty position in the Department of Psychology, University of Canterbury, Christchurch. In 40+ years at Canterbury he morphed from a physiological psychologist to a behavioural pharmacologist to an experimental behaviour analyst and then (finally) to an applied behaviour analyst. His major research area for the past 20 years has been in applied family psychology, notably pediatric sleep disturbances. Recently he has become concerned with methodological issues in research and with attempting to position single-case research as an alternative to the increasingly discredited null-hypothesis significance testing tradition in psychology. In December 2012, he completed a 7-year stint as head of department and member of the executive of the College of Science. He also served 6 years as director of Scientific Affairs for the New Zealand Psychological Society (2004–2010), 2 years as national president of the Association of University Staff (2000–2001), 3 years on the board of the NZ Universities Academic Audit Unit (2001–2003), and was president, Division 6 of the International Association of Applied Psychology 2010–2014.

**Abstract:** In his magnum opus, *The Behavior of Organisms* (Skinner, 1938) Skinner presented an experimental analysis of behavior that eschewed averaging data across subjects. Even at the time, this stance was unusual, and since then has become even more so. Since the 1950's more than 80% of published quantitative empirical research in psychology has used group mean data analysed by null-hypothesis statistical tests (NHST). Recently in behavior analysis there have been recurrent calls for the more widespread use of averaging (and NHST) and claims that this would make behavior analysis more acceptable to mainstream psychology. So, was Skinner right, or should we resort to conventional data analytic practices? This paper will review the recent calls for change within behavior analysis about averaging. Then it will consider some developments in fields outside of behavior analysis that bear on the question. It will consider implications from biology and natural selection. It will also consider growing criticisms of group averaging from within mainstream psychology, especially from personality research. Finally it will consider the implications of fundamental measurement theory concerned with ergodicity. The conclusion: Skinner was right, and behavior analysis should keep faith with his rejection of group averaging.

**#333 Panel Discussion**

**Supervision**

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6:00 pm–6:50 pm

Convention Center Mile High Ballroom 2B

PRA; Service Delivery

BACB CE Offered. CE Instructor: Megan Miller, Ph.D.

**Are You Training a Future Behavior Analyst or Interventionist? Effectively Supervising Behavior Analysts in Training**

Chair: Nga Luong (Graduate Student at Florida Institute of Technology)

MEGAN MILLER (FSU CARD/Navigation Behavioral Consulting)

MATTHEW CICORIA (Behavioral Observations Podcast)

MARY SAWYER (Aubrey Daniels Institute)

**#334 Panel Discussion**

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6:00 pm–6:50 pm

Convention Center Mile High Ballroom 2A

PRA; Applied Research

BACB CE Offered. CE Instructor: Ryan Lee O'Donnell, M.S.

**Charting the Future Course of Behavior: Machine Learning and Artificial Intelligence**

Chair: Abigail Lewis (Bx+)

DAVID STEVENS (Chartlytics)

PAUL THOMAS THOMAS ANDRONIS (Northern Michigan University)

T. V. JOE LAYNG (Generategy, LLC)



6:00 pm–6:50 pm  
Convention Center Four Seasons Ballroom 4  
SCI; Basic Research  
PSY/BACB CE Offered. CE Instructor: Thomas Zentall, Ph.D.

**Intelligent Behaviour of Animals and Plants**  
Chair: Thomas Zentall (University of Kentucky)

ALEX KACELNIK (Oxford University)



Alex Kacelnik is professor of Behavioral Ecology at Oxford (UK). He studied biology in Buenos Aires and completed a doctorate at Oxford in 1979. After working periods in Groningen (The Netherlands), Cambridge (UK), and the Institute for Advanced Studies (Berlin), he founded the Oxford Behavioural Ecology Research Group that he still chairs. He is also a founder and non-executive director of OxfordRisk, a company dedicated to rationalize financial investment using scientific understanding of risk-related behavior. Alex's c.200 publications include work on the behaviour of (mostly) birds, mammals, insects, humans and, more recently, plants. His papers regularly appear in *Science*, *Nature*, *PNAS*, *PRSB*, and specialized behavioral journals. Currently, he works on risk sensitive behavior, on the nature of reinforcement, on the physical intelligence of birds, and on the adaptations and counter adaptations of parasitic birds and their hosts. Among other distinctions, he is a fellow of the Royal Society, was a fellow of, is an honorary professor at Buenos Aires University, has received the research award of the Comparative Cognition Society, and is delivering the 2016 Tinbergen Lecture at the Association for the Study of Animal Behaviour (UK). Alex's work establishes bridges between evolutionary biology, economics, and behavioral analysis.

**Abstract:** Many animal species have been shown to have abilities previously thought to be exclusive to humans, including the use and manufacture of tools, the capacity to solve novel problems without reinforcement of intermediate steps, planning behavioral sequences, and sudden acquisition of relational concepts without reinforcement. These findings pose hard challenges to behavioral analysis, as they require the articulation of hypotheses about the know-how that animals inherit, how this know-how is modified it by individual and social experience, and how all of this information combines to generate innovative behavior. I will present and discuss examples from research on crows, parrots, human infants and other species, with a focus on our quest for parsimonious theoretical accounts of apparently intelligent behavior.

**#336 Business Meeting**

7:00 pm–7:50 pm  
Convention Center 301

**Applied Animal Behavior Special Interest Group Business Meeting**  
Chair: Kathryn L. Kalafut (Antioch College)

The Applied Animal Behavior Special Interest Group (AAB SIG) brings together individuals who specialize in or who have an interest in the application of behavior analysis to the appreciation, understanding, and management of animal behavior across species. The AAB SIG has three primary purposes: to (1) promote behavior analytic research and the exchange of scientific information in the area of animal behavior; (2) advocate for and promote high standards in the application of methods and techniques of behavior change with animals in applied settings; and (3) support in the application of methods and techniques of behavior change of animals in applied settings. Membership of the AAB SIG is diverse and includes academicians, researchers, and practitioners from a variety of disciplines dedicated to, affiliated with, or interested in animal behavior in applied settings. All interested parties are welcome to attend

**#337 Business Meeting**

7:00 pm–7:50 pm  
Convention Center 406/407

**Organizational Behavior Management Network and the Journal of Organizational Behavior Management Business Meeting**  
Chair: Heather M. McGee (Western Michigan University; Organizational Behavior Management Network)

This is the annual meeting of the Organizational Behavior Management Network and the *Journal of Organizational Behavior Management* (JOBM). All are invited to attend and discuss topics related to organizational behavior management, the Network, *JOBM*, and the *JOBM* editorial process. Additionally, network officers and the *JOBM* editor will present data summarizing the status and development of the organization and journal.

### #338 Business Meeting

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7:00 pm–7:50 pm  
Convention Center Mile High Ballroom 3C

#### **Business Meeting of the New York State Association for Behavior Analysis**

Chair: Frank R. Cicero (Seton Hall University)

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 and 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 as well as other topics affecting behavior analysts in the state of New York. Audience questions will be encouraged.

### #339 Business Meeting

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7:00 pm–7:50 pm  
Convention Center Mile High Ballroom 3B

#### **Oregon Association for Behavior Analysis Business Meeting**

Chair: Melissa J. Gard (Building Bridges; Oregon Association of Behavior A)

ORABA is an approved 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). We encourage 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. This meeting will be focused on updates and current events in Oregon as they relate to the practice of ABA. We will also discuss strategies to disseminate information to a wider population in Oregon, and strategies to best meet our members' needs during the upcoming year.

### #340 Business Meeting

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7:00 pm–7:50 pm  
Convention Center 401/402

#### **SIG Español**

Chair: Mapy Chavez Cueto (Alcanzando, Inc.)

All Spanish speaking ABAI members are invited to participate, share and exchange information at this meeting. Join us to learn what is happening in the Spanish speaking community of ABAI.

### #341 Business Meeting

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7:00 pm–7:50 pm  
Convention Center 403/404

#### **Behaviorists for Social Responsibility**

Chair: Molli Luke (Behavior Analyst Certification Board)

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.

### #342 Business Meeting

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7:00 pm–7:50 pm  
Convention Center 405

#### **Verbal Behavior Special Interest Group**

Chair: Judah B. Axe (Simmons 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.

### #343 Business Meeting

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7:00 pm–7:50 pm  
Convention Center 304

#### **Health, Sport and Fitness Special Interest Group**

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 improving the features of our new website, we also will have a 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. Future events and activities will be discussed.

### #344 Business Meeting

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7:00 pm–7:50 pm  
Convention Center Mile High Ballroom 1A/B

#### **Practitioner Issues in Behavior Analysis Special Interest Group**

Chair: Michael Weinberg (Orlando Behavior Health Services, LLC; Amego, Inc.)

This meeting is intended for current and prospective members of the Practitioner Issues in Behavior Analysis SIG. We will discuss relevant issues of concern regarding practice issues for behavior analysts and possible ways in which the SIG can support these issues for individuals or practice groups to better serve the public. This may include such topics as expanding ABA services to different client populations, insurance issues and updates, and policy matters. We will also hold a vote for offices for the SIG for the coming year.

### #345 Business Meeting

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7:00 pm–7:50 pm  
Convention Center Mile High Ballroom 1C/D

#### **Illinois Association for Behavior Analysis IL-ABA**

Chair: Autumn N. McKeel (Aurora University)

The purpose of this meeting is to facilitate an in-person meeting for the board members and members of IL-ABA. The meeting is also to recruit and educate potential new members to join the state organization.

### #346 Business Meeting

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7:00 pm–7:50 pm  
Convention Center Mile High Ballroom 1E/F

#### **Behavioral Development Special Interest Group**

Chair: Patrice Marie Miller (Salem State University)

The SIG promotes behavior analytic empirical and conceptual analyses of issues related to behavioral development, and 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 and social interactions, and with historical bases of behaviorism and behavior analysis as basic science and applied practice. The Business Meeting will review activities over the past year and discuss plans for the next.

### #347 Business Meeting

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7:00 pm–7:50 pm  
Convention Center Mile High Ballroom 2A

#### **Neuroscience SIG**

Chair: Suzanne H. Mitchell (Oregon Health & Science University)

Meeting will discuss website must-have and would-be-nice-to-have content that will be a resource for those interested in neuroscience, as well as offer an opportunity for those interested in the neuroscience of behavior change to network.

### #348 Business Meeting

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7:00 pm–7:50 pm  
Convention Center Mile High Ballroom 2C

#### **Dissemination of Behavior Analysis Special Interest Group Annual Meeting**

Chair: Megan Miller (FSU CARD; Navigation Behavioral Consulting)

If you are interested in the dissemination of our science of Behavior Analysis worldwide, this is the place for you. We're looking to take Behavior Analysis out of its pigeon-holes, and really publicize the potential to develop global solutions in all realms of life. We've demonstrated our efficacy in the Autism/DD world, and we're really good at proving that our interventions work... to ourselves. We are not as good at getting the word out to those who aren't aware of the science of behavior! This SIG should be of interest to every behavior analyst as without the support of the population, our science will never reach its potential. Every behavior analyst should be continually working to put forward a positive image about our science and its practitioners. Without this component, all of our work will never reach those who need it most.

### #349 Business Meeting

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7:00 pm–7:50 pm  
Convention Center Mile High Ballroom 2B

#### **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.

### #350 Reunion

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8:00 pm–10:00 pm  
Hyatt Regency, Capitol Ballroom 6

#### **The Chicago School, B. F. Skinner Foundation, and Cambridge Center for Behavioral Studies Reunion**

Chair: Leslie A. Morrison (The Chicago School of Professional Psychology, Los Angeles)

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, Los Angeles, Washington DC 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. Robyn Catagnus are the Department Chairs of the ABA Departments in Chicago, Los Angeles, DC, 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!

### #350a Reunion

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8:00 pm–10:00 pm  
Hyatt Regency, Capitol Ballroom 7

#### **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.

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**#351 Reunion**

8:00 pm–10:00 pm  
Hyatt Regency, Mineral Hall A

**Texas State University Autism/ABA Reunion**

Chair: Evelyn Amanda Amanda Boutot (Texas State University)

Students, Faculty, Alumni and Friends of the Autism and Applied Behavior Analysis Program at Texas State University are invited to a reunion celebrating 9 years of achievement! Join us in reuniting with old friends and making new ones!

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**#352 Reunion**

8:00 pm–10:00 pm  
Hyatt Regency, Centennial Ballroom B/C

**Western Michigan University Alumni and Friends 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 attend this event to reunite with old friends and meet new people. We are celebrating 50 years of behavior analysis at Western Michigan University throughout the year. Please come help us celebrate!

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**#353 Reunion**

8:00 pm–10:00 pm  
Hyatt Regency, Mineral Hall B

**The Sage Colleges Alumni and Current Student Get-Together!**

Chair: Cheryl J. Davis (The Sage Colleges/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!

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**#354 Reunion**

8:00 pm–10:00 pm  
Hyatt Regency, Mineral Hall C

**Utah State University Reunion**

Chair: Timothy A. Slocum (Utah State University)

The behavior analytic faculty from the Psychology and Special Education Departments invite students, faculty, alumni, and friends to the first annual USU reunion celebrating behavior analysis at Utah State University. A bar and light appetizers will be available.

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**#355 Reunion**

8:00 pm–10:00 pm  
Hyatt Regency, Mineral Hall D

**Arizona State University, Mary Lou Fulton Teachers College, ABA Online Reunion**

Chair: Samuel DiGangi (Arizona State University)

Students, Faculty, Alumni, and Friends of the ABA online Program at Arizona State University, Mary Lou Fulton Teachers College are invited to reunite, network and socialize. Stop by and meet one another face-to-face!

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**#356 Reunion**

8:00 pm–10:00 pm  
Hyatt Regency, Mineral Hall E

**St. Cloud State University 2017 Behavior Analysis Alumni and Friends Reunion**

Chair: Gerald C. Mertens (St. Cloud State University)

Hosted by Kim Schulze, Michele Traub, and Jerry Mertens. This reunion is for current students, faculty (current and former), alumni, families, and friends are invited to join us for an evening of celebrating, good conversation, 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), share some common interests, pause a moment to remember Charlie Boltuck, Rosenthal, Luker, Bryant and deceased behavioral alum, and yell if you have enough theatrical repertoire and “desire” to play the role of a pigeon! (This Last item will only make sense to a possible volunteer.) Email me if you are coming, I will try to keep you current on plans for Denver, and do suggest activities.

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**#357 Reunion**

8:00 pm–10:00 pm  
Hyatt Regency, Mineral Hall F

**University of North Carolina Wilmington Reunion**

Chair: Raymond C. Pitts (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 new PhD program and our recent recognition by the Society for the Advancement of Behavior Analysis for our enduring programmatic contributions in behavior analysis.

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**#358 Reunion**

8:00 pm–10:00 pm  
Hyatt Regency, Centennial Ballroom A

**Beacon ABA Services and MassABA Annual Get Together**

Chair: Steven Woolf (Beacon ABA Services)

All Beacon ABA staff, MassABA members, and friends are invited for a night of trivia, food, drinks, and surprises. "A good time was had by all".

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**#359 Reunion**

8:00 pm–10:00 pm  
Hyatt Regency, Centennial Ballroom H

**Behavior Analysis Program at the University of Nevada, Reno**

Chair: Ramona Houmanfar (University of Nevada, Reno)

This year marks the 26th Anniversary of the Behavior Analysis Program at University of Nevada, Reno. We are looking forward to celebrating the following accomplishments with our colleagues and students at ABAI 2017: We were awarded the "Organizational Enduring Contribution to Behavior Analysis" by the Society for Advancement of Behavior Analysis in May 2010. Our Program has Conferred over 40 Ph.D. degrees. Our On-Campus Masters program has conferred over 80 Masters degrees. Our Satellite Masters program has conferred over 100 Off-campus Masters degrees in multiple national and in international locations. Our undergraduate specialization in Behavior Analysis received the ABAI accreditation in 2016.

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**#360 Reunion**

8:00 pm–10:00 pm  
Hyatt Regency, Capitol Ballroom 5

**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.

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**#361 Reunion**

8:00 pm–10:00 pm  
Hyatt Regency, Mineral Hall G

**University of North Texas: Department of Behavior Analysis - 2017 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.

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**#362 Reunion**

8:00 pm–10:00 pm  
Hyatt Regency, Capitol Ballroom 2

**Rowan University Reunion**

Chair: Michelle Ennis Soreth Soreth (Rowan University)

Students, faculty, alumni, and friends of the behavior analysis programs at Rowan University are encouraged to attend.

### #363 Reunion

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8:00 pm–10:00 pm  
Hyatt Regency, Capitol Ballroom 3

#### **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!

### #364 Reunion

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8:00 pm–10:00 pm  
Hyatt Regency, Capitol Ballroom 1

#### **Northeastern University**

Chair: Laura L. Dudley (Northeastern University)

Since 1976, hundreds of students have graduated from Northeastern University's MABA program and now serve as leaders in the field all around the world. Alumni, students, faculty, and friends are welcome to join us as we celebrate our 40-year history and share information about our current programs. We hope to see you there!

### #365 Special Event

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8:00 pm–10:00 pm  
Hyatt Regency, Centennial Ballroom F/G

#### **Friends of SABA**

Chair: M. Jackson Marr (Georgia Tech)

ABAI members who donated to the Society for the Advancement of Behavior Analysis (SABA) in 2015 and 2016 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.

### #366 Reunion

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8:00 pm–10:00 pm  
Hyatt Regency, Centennial Ballroom D

#### **The University of Kansas Reunion**

Chair: Edward K. Morris (The University of Kansas)

The year 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, 40 years later, into the Department of Applied Behavioral Science (2004-2014). The ABAI reunion offers anyone associated with the program a chance 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.

### #366a Reunion

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8:00 pm–10:00 pm  
Hyatt Regency, Centennial Ballroom E

#### **University of Florida**

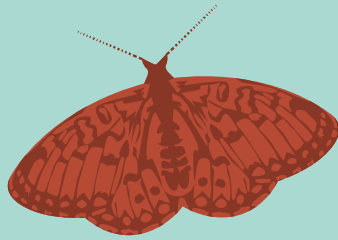
Chair: Jesse Dallery (University of Florida)

We will be hosting a reunion for University of Florida alumni, current students, current and past faculty, and friends of the program.





# DENVER2017



Monday, May 29

Day Schedule

ABAI Business Meeting

Sessions

Presidential Address

Business Meetings

ABAI Social





## Hyatt Regency Denver; Monday, May 29

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				
#483 EAB Ch: French				#505 EAB Ch: Fuhrman †						#519 ABAI Social								Centennial Ballroom A	Level 3		
#482 EAB Ch: Kyonka †				#504 EAB Ch: Johnson †																Centennial Ballroom B	
																				Centennial Ballroom C	
#475 OTH Mechner ††				#503 BPN Kanga ††																Centennial Ballroom D	
#481 EAB Ch: Toegel †				#506 EAB Ch: Hinehine †																Centennial Ballroom E	
#486 PCH Ch: Rehfeldt †				#509 PCH Ch: Peters																Centennial Ballroom F	
#464 AAB Ch: Watkins		#489 AAB Ch: Todd																		Centennial Ballroom G	
#480 CSS Ch: Houmanfar †																				Centennial Ballroom H	
																		Mineral Hall A	Level 3		
																		Mineral Hall B			
																		Mineral Hall C			
#474 OBM Ch: Attanasio †		#494 CSS Guerin ††																Mineral Hall D			
																		Mineral Hall E			
																		Mineral Hall F			
																		Mineral Hall G			
																		Agate A	Level 4		
																		Agate B			
																		Agate C			
		#498 OBM Ch: Laitinen †																Granite A			
																		Granite B			
																		Granite C			
																		Quartz A			
																		Quartz B			
																		Capitol Ballroom 1			
																		Capitol Ballroom 2			
																		Capitol Ballroom 3			
																		Capitol Ballroom 4			
#471 CBM Ch: Glassford †		#493 CBM Ch: Dittrich †																Capitol Ballroom 5			
#470 CBM Ch: Litten †																		Capitol Ballroom 6			
																		Capitol Ballroom 7			
																		Marble			
																		Sandstone			
																		Limestone			

**LEGEND**

- = Special and Invited Events
- = B. F. Skinner Lecture Series
- = ABAI Services
- = Professional Development Series
- † = BACB CE
- ‡ = PSY CE
- § = QABA CE
- Ch. = Chairperson

## Colorado Convention Center; Monday, May 29

	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	
<b>Street Level</b>	301			# 368 ABAI Bus. Mtg.																
	302																			
	303																			
	304					#385 TBA Ch: Ratkos †	#408 TBA Ch: Lemley †	#424 TBA Ch: Mrljak	#451 TBA Ch: Powell †											
	401/402						#413 TBA Ch: Spaulding †		#452 TBA Ch: Breat †											
	403/404					#380 EDC Ch: Malberg †	#402 EDC Ch: Hulac †	#420 EDC Ch: Collins †	#444 EDC † Ch: Machaliecek											
	405						#403 EDC Ch: Pinkelman		#445 EDC Ch: Pennington											
	406/407					#379 EDC Ch: Clark		#435 EDC Ch: Donaldson †												
	501																			
	502																			
	503																			
	504																			
	505																			
506																				
507																				
602					Interview room															
604					Interview room															
606					Interview room															
608					Interview room															
610					Interview room															
612																				
<b>Ballroom Level</b>	Mile High Ballroom 1AB					#377 DDA Ch: Miller †	#400 DDA Ch: Smith †	#418 DDA Ch: Chok †	#443 DDA Ch: Welsh †\$											
	Mile High Ballroom 1CD					#376 DDA Ch: Cueto †	#399 DDA Ch: Chezan †	#419 DDA Ch: Church †	#442 DDA Ch: Bukszpan †											
	Mile High Ballroom 1EF																			
	Mile High Ballroom 2A					#370 PRA Ch: Jakobobits	#406 PRA Ch: Vasquez †	#423 PRA † Ch: Deitchman	#450 PRA Thompson											
	Mile High Ballroom 2B					#392 PRA Ch: Lambert †		#436 PRA Ch: Kaplan												
	Mile High Ballroom 2C					#383 PRA † Ch: Castaneda	#412 PRA Ch: Fong †		#449 PRA Ch: Torres †											
	Mile High Ballroom 3A						#409 VRB Ch: Hall		#453 VRB Ch: Davis †											
	Mile High Ballroom 3B					#390 AUT Ch: Tekin-Iftar		#428 AUT Ch: Ala'i-Rosales †												
	Mile High Ballroom 3C					#387 AUT Ch Ninci †		#426 AUT Ch: Fernand †\$												
	Mile High Ballroom 4AB					#388 AUT Ch: Kisamore †		#427 AUT Ch: Awasthi †\$												
	Mile High Ballroom 4CD					#389 AUT Ch: Champlin †\$		#429 AUT Ch: Chong Crane †												
	Mile High Ballroom 4EF					#372 AUT Ch: Melton †	#395 AUT Ch: Blowers †	#430 AUT Ch: Frieswjk †												
	Four Seasons Ballroom 1					#386 VRB Carbone ††	#TBD AUT Zucker ††	#431 DDA Quidley †												
	Four Seasons Ballroom 2					#371 AUT Ch: Chon †\$	#394 AUT † Ch: DeQuinzio	#415 AUT † Ch: Vladescu	#438 AUT Ch: Wilson †											
	Four Seasons Ballroom 3																			
Four Seasons Ballroom 4					#378 DEV Ogden ††	#407 PRA Woolf †\$	#425 VRB Ibbotson †	#448 PCH Ghiselin ††												
Exhibit Hall D					Registration and bookstore															

## Colorado Convention Center; Monday, May 29

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	
								#513 Intro. to BACB Cert.										301
								#514 Georgia ABA										302
								#515 BG SIG										303
		#500 TBA Ch: Ruiz						#516 Clinical SIG										304
#487 TBA Ch: Ray †								#517 BASR SIG										401/402
#485 EDC Ch: Daly †				#507 EDC Ch: Murrell †				#518 New Hampshire ABA										403/404
		#497 EDC Ch: Twyman †		#508 EDC Ch: Boullion †														405
#484 EDC Ch: Russell †																		406/407
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																		Mile High Ballroom 1AB
#472 DDA Ch: Hammond †	#496 DDA Ch: Winn																	Mile High Ballroom 1CD
#473 DDA Ch: Hixson	#495 DDA Ch: Bassette †																	Mile High Ballroom 1EF
#476 PRA Ch: Satriale †																		Mile High Ballroom 2A
#477 PRA † Ch: Van Nostrand	#502 PRA Ch: Delfs †																	Mile High Ballroom 2B
	#499 PRA Leland †	#510 PRA † Ch: O'Donnell																Mile High Ballroom 2C
#488 VRB Ch: Legaspi †	#511 VRB Ch: Tullis †																	Mile High Ballroom 3A
#466 AUT Ch: Sloman †§	#501 AUT Ch: Zeigler																	Mile High Ballroom 3B
#468 AUT Ch: Courtney †	#490 AUT † Ch: Commons																	Mile High Ballroom 3C
#479 AUT Ch: Safaryan †																		Mile High Ballroom 4AB
#467 AUT † Ch: Lomas Meyers																		Mile High Ballroom 4CD
#465 AUT Ch: Becerra †§	#491 AUT Ch: Lechago †																	Mile High Ballroom 4EF
#469 AUT Grindle ††																		Four Seasons Ballroom 1
																		Four Seasons Ballroom 2
																		Four Seasons Ballroom 3
#478 SCI Vandrey †	#492 BPN Lile †																	Four Seasons Ballroom 4
								#419 Presidential Address ††										Exhibit Hall D

Street Level

Ballroom Level

### LEGEND

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# Behavior Analysis *in* Practice

*Behavior Analysis in Practice* is a peer-reviewed translational publication designed to provide science-based, best-practice information relevant to service delivery in behavior analysis. The target audience includes front-line service workers and their supervisors, scientist-practitioners, and school personnel. The mission of *BAP* is to promote empirically validated best practices in an accessible format that describes not only what works, but also the challenges of implementation in practical settings.

To learn more and subscribe, visit the registration desk or go online to [www.abainternational.org/journals/behavior-analysis-in-practice](http://www.abainternational.org/journals/behavior-analysis-in-practice).



### #367 Special Event

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7:00 am–7:50 am  
Hyatt Regency, Centennial Ballroom H

#### **Tai Chi for Health and Relaxation**

Chair: Jill L. Basso (Desert Sage Tai Chi)

Tai Chi Chuan is a slow-moving, meditative exercise good for health, relaxation, and self-defense. Tai chi is known primarily for its health benefits and promote longevity. Participants will be introduced to tai chi postures and principles of the Yang Tai Chi form, meditation in movement and postures to enhance internal energy (qi) flow in the body. For a weekend full of sedentary activities and intellectual challenges, Tai Chi can assist with relaxation of the mind and body. Please wear loose and comfortable clothes.

### #368 Special Event

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7:00 am–7:50 am  
Convention Center 301  
OTH; Service Delivery

#### **ABAI Business Meeting**

Chair: M. Jackson Marr (President, Association for Behavior Analysis International)

RONNIE DETRICH (Practice Board Coordinator)  
MARIA E. MALOTT (Chief Executive Officer, Association for Behavior Analysis International)  
MARK A. MATTAINI (Program Board Coordinator)  
M. CHRISTOPHER NEWLAND (Science Board Coordinator)  
MICHAEL PERONE (Behavior Analysis Accreditation Board Coordinator)  
ANNA I. PETURSDOTTIR (Publications Board Coordinator)  
WENDY DONLIN WASHINGTON (Membership Board Coordinator)  
STEVEN WOOLF (Affiliated Chapters Board Coordinator)

**Abstract:** This is an annual ABAI business meeting where the leadership of the association will provide an update of ongoing activities and major developments. Attendees will learn from ABAI's president the direction of the ABAI council and from ABAI's CEO the status of finances and administration. Attendees will also hear from the board coordinators including Science, Education, Practice, Program, Membership, Affiliated Chapters, and Publications.

### #369 Paper Session

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8:00 am–8:20 am  
Hyatt Regency, Centennial Ballroom A  
EAB

#### **Computational Analysis of Behaviour**

Chair: Don (Yuhan) Li (The University of Auckland)

**The Computational Analysis of Behaviour: Multivariate Models of Behaviour** (Theory)  
DON (YUHAN) LI (The University of Auckland)

### #370 Paper Session

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8:00 am–8:20 am  
Convention Center Mile High Ballroom 2A  
PRA

#### **Using Technology in Support of Practice**

Chair: Rex Jakobovits (University of Washington; Experiad Solutions)

**Field Test of Novel Therapy Management Software for Model-Based Intervention** (Service Delivery)  
REX JAKOBOVITS (University of Washington; Experiad Solutions), Radu Bocirnea (Experiad Solutions), and Stacey L. Shook (Northwest Behavior Associates; Washington Association for Behavior Analysis)

### #371 Symposium

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8:00 am–8:50 am  
Convention Center Four Seasons Ballroom 2/3  
AUT/PRA; Service Delivery  
BACB/QABA CE Offered. CE Instructor: Joseph H. Cihon, M.S.

#### **Structured, Yet Flexible, Approaches to Teaching Receptive and Expressive Labels for Children Diagnosed With ASD**

Chair: Joseph H. Cihon (Autism Partnership Foundation; Endicott College)  
Discussant: Mary Jane Weiss (Endicott College)

**The Relative Effectiveness and Efficiency of Flexible Prompt Fading and No-No-Prompting to Teach Expressive Labels to Children Diagnosed With ASD**

JEREMY ANDREW LEAF (Autism Partnership Foundation); Joseph H. Cihon (Autism Partnership Foundation); Endicott College; and Julia Ferguson, Justin B. Leaf, John James McEachin, Ronald Leaf, and Mitchell T. Taubman (Autism Partnership Foundation)

**Evaluating the Effects of Stimulus Order and Placement to Teach Receptive Labels for Children Diagnosed With ASD**

Aditt Alcalay and JULIA FERGUSON (Autism Partnership Foundation); Joseph H. Cihon (Autism Partnership Foundation); Endicott College; and Justin B. Leaf, Mitchell T. Taubman, Ronald Leaf, and John James McEachin (Autism Partnership Foundation)

**#372 Symposium**

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8:00 am–8:50 am  
Convention Center Mile High Ballroom 4E/F  
AUT/EDC; Service Delivery  
BACB CE Offered. CE Instructor: Jill E. McGrath Maher, M.A.

**Evaluating Systems to Determine Required Levels of Staff Support and Developing Competent Group Teachers for Learners With ASD**

Chair: Ian Melton (Endicott College, Hopebridge Pediatrics)  
Discussant: Jill E. McGrath Maher (Autism Learning Partners)

**Teaching Staff to Effectively Teach Groups With Learners With ASD**

Jill E. McGrath Maher, KEVIN VAN HORN, and Alicia Eno (Autism Learning Partners)

**Replication of Empirical Systems Designed to Prescribe Levels of Required Staff Support**

BRITANY MELTON (Endicott College) and Jill E. McGrath Maher (Autism Learning Partners)

**#373 Symposium**

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8:00 am–8:50 am  
Hyatt Regency, Capitol Ballroom 4  
CBM/EAB; Basic Research  
BACB CE Offered. CE Instructor: Chad Drake, Ph.D.

**Narrow, Rigid, and Verbally-Maintained: Exploring Derived Avoidance and Conditioned Suppression**

Chair: Jonah David McManus (University of Louisiana in Lafayette)  
Discussant: Chad Drake (Southern Illinois University)

**When Repertoires Narrow: Examinations of Conditioned Suppression in Humans**

ALYSON GIESEMANN (University of Louisiana at Lafayette), Nolan Williams (University of North Texas), Emily Kennison Sandoz (University of Louisiana at Lafayette), and Michael Bordieri (Murray State University)

**Simple, Not Easy: An Exploration of the Boundary Conditions of Derived Transfer of Avoidance Functions**

REBECCA TACKE (University of Louisiana at Lafayette), Nolan Williams (University of North Texas), Emily Kennison Sandoz (University of Louisiana at Lafayette), and Michael Bordieri (Murray State University)

**#374 Panel Discussion**

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8:00 am–8:50 am  
Hyatt Regency, Capitol Ballroom 5-7  
CBM; Service Delivery  
BACB CE Offered. CE Instructor: Teryn Bruni, Ph.D.

**Clinical Behavior Analysis: Extending the Field Beyond Intensive Treatment Settings**

Chair: Teryn Bruni (University of Michigan Health System)

BLAKE M. LANCASTER (University of Michigan Health System)  
ANDREW R RILEY (Oregon Health and Science University)  
KEITH D. ALLEN (University of Nebraska Medical Center's Munroe-Meyer Institute)

**#375 Symposium**

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8:00 am–8:50 am  
Hyatt Regency, Mineral Hall A-C  
CSS/EAB; Service Delivery  
BACB CE Offered. CE Instructor: Joel L. Vidovic, M.A.

**Start From Where You Are, Use What You Have, and Do What You Can: How the Field of Applied Behavior Analysis Can Broaden Its Influence From Autism to Other Applications**

Chair: Joel L. Vidovic (The Autism M.O.D.E.L. School)

**Leader Communication and Employee Values: Influence on Performance of Environmentally Relevant Behaviors**

JULIA H. FIEBIG (ABA Global Initiatives, LLC; Ball State University)

**We Aut-To-Be-Partners: How Applied Behavior Analysis, E-Commerce, and Autism Fit Together**  
JOEL L. VIDOVIC and Alison Thomas (The Autism M.O.D.E.L. School), Allison Miller (Western Michigan University), and Mary Walters (The Autism M.O.D.E.L. School)

**Developing Technology to Improve Math Fact Fluency: What Can Kids With Autism Teach Us**  
K. RICHARD YOUNG and Lynnette Christensen (Brigham Young University), Edward Cancio (University of Toledo), and Joel L. Vidovic (The Autism M.O.D.E.L. School)

**#376 Symposium**

**Ethics**

8:00 am–8:50 am

Convention Center Mile High Ballroom 1C/D

DDA/TBA; Service Delivery

BACB CE Offered. CE Instructor: Mapy Chavez Cueto Cueto, Ph.D.

**Behavior Analysis: Present Status of the Field in Latin America and Where We are Going**

Chair: Mapy Chavez Cueto (Alcanzando, Inc.)

**Applied Behavior Analysis and Autism in Latin America**

ANTUANETE CHAVEZ, Sandra Granados, Lorena Vera, Patricia Rojas, and Mapy Chavez Cueto (Alcanzando, Inc.)

**Using Behavior Analysis to Prepare Children With Disabilities in Cusco, Peru for a Successful Future**

CELESTE MARION (Manos Unidas Peru) and Belen Rodriguez and Mapy Chavez Cueto (Alcanzando, Inc.)

**Applied Behavior Analysis and Autism: Our Experience in Ecuador**

MARIA CHANG (Centro Enigma) and Mapy Chavez Cueto and Antuanete Chavez (Alcanzando, Inc.)

**#377 Symposium**

8:00 am–8:50 am

Convention Center Mile High Ballroom 1A/B

DDA/AUT; Applied Research

BACB CE Offered. CE Instructor: Sarah J. Miller, Ph.D.

**Innovations in Assessments to Identify Stimuli as Potential Negative Reinforcers**

Chair: Sarah J. Miller (Marcus Autism Center; Emory University School of Medicine)

**A Comparison of Demand Assessments**

STEPHANIE LIOLLIO (Georgia State University; Marcus Autism Center; Children's Healthcare of Atlanta), Mindy Christine Scheithauer (Marcus Autism Center; Emory University), Nathan Call (Marcus Autism Center; Emory University)

**A Comparison of an Indirect Assessment and FA Outcome of Escape-Maintained Problem Behavior**

CHRISTOPHER M. FURLOW (The University of Southern Mississippi), Jennifer R. Zarcone (Kennedy Krieger Institute), Bailey Scherbak (Monarch House), and Jonathan Dean Schmidt and Griffin Rooker (Kennedy Krieger Institute)

**Evaluation of a Choice-Based Demand Assessment**

SARAH J. MILLER (Marcus Autism Center; Emory University School of Medicine), Nathan Call (Marcus Autism Center), Sarah Wymer (Marcus Autism Center; Children's Healthcare of Atlanta), Bianca Mack and Shannon Kennedy Hewett (Marcus Autism Center), and Chinedu Okoh (Marcus Autism Center; Children's Healthcare of Atlanta)

**#378 B. F. Skinner Lecture Series**

**Supervision; Recorded Session**

8:00 am–8:50 am

Convention Center Four Seasons Ballroom 4

DEV; Applied Research

PSY/BACB CE Offered. CE Instructor: Sigmund Eldevik, Ph.D.

**The National Implementation and Evaluation of Parent Training in Norway**

Chair: Sigmund Eldevik (Oslo and Akershus University College of Applied Sciences)

TERJE OGDEN (Norwegian Center for Child Behavioral Development)



Terje Ogden, Ph.D., is research director at the Norwegian Center for Child Behavioral Development in Oslo, a position he has held since 2003. He is also a professor at the Institute of Psychology, University of Oslo. He is the author of more than one hundred scientific publications, and has written several books and book chapters on the development of child conduct problems, and on the effectiveness and implementation of preventive and therapeutic interventions. He is trained as an

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educational psychologist and has a Ph.D. in psychology from the University of Bergen on the topic of family-based treatment of serious behavior problems in children and youth. Most of his research centers on the development, evaluation and large scale implementation of interventions targeting children with antisocial and co-occurring problems. The evidence-based interventions aim to strengthen child and family relations, improve parenting skills in order to reduce family conflicts and coercion, promote inclusion and prevent placement out of home. Ogden has also contributed to the efforts of adapting programs to the needs of various groups of children and their families. Ogden is also the project leader of a longitudinal prospective study of the normative behavioral and social development of 1200 Norwegian children from 6 months to school age.

**Abstract:** A Norwegian national implementation strategy aimed to test and conduct a large-scale implementation of The Oregon model of Parent Management Training (PMTO) based on Gerald Patterson's Social Interaction and Learning theory. The program targets children with antisocial behavior and co-occurring problems and their families. A randomized trial demonstrated the effectiveness of the program, and identified central moderators, mediators and predictors. Fidelity to the PMTO model was found to predict child behavioral outcomes better than parent-reported treatment alliance. Several parents seemed to manage with shorter interventions, and the "Early Interventions for Children at Risk" program was designed for implementation in the municipalities. In line with findings from a study of the normative development of aggression, this adapted program targets children from the age of 3 years on. In sum, findings confirmed that PMTO principles and components could be successfully transported from US to real-world settings in Norway with sustained positive outcomes and maintenance of competent adherence. PMTO has been tested with positive outcomes in both individual and group trainings and in high and low dosages of treatment. The Norwegian project may serve as an inspiration for the testing and scaling up of evidence-based parenting programs in other countries, particularly in Europe.

### #379 Symposium

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8:00 am–8:50 am  
Convention Center 406/407  
EDC/TBA; Applied Research

#### Further Examinations of Interteaching

Chair: Chanella L. Clark (University of Mississippi)  
Discussant: Anita Li (Western Michigan University)

#### Let's Discuss: Group Size, Performance and Enjoyability in an Interteaching Class

ALEXANDRIA EMILY LEIDT and Karen Kate Kellum (University of Mississippi)

#### An Online Comparison of Quiz Performance Between Interteach and Lecture in a Graduate Experimental Analysis of Behavior Course

ADAM THORNTON BREWER, Marilin Colon, Joshua K. Pritchard, and Yanerys Leon (Florida Institute of Technology)

### #380 Symposium

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8:00 am–8:50 am  
Convention Center 403/404  
EDC  
BACB CE Offered. CE Instructor: Debra Berry Malmberg, Ph.D.

#### Behavior Analysis in Higher Education: Enhancing Student Engagement and Success in Online Learning Formats

Chair: Debra Berry Malmberg (California State University, Northridge)  
Discussant: Cheryl J. Davis (7 Dimensions Consulting; SupervisorABA)

#### Utilization of Interteaching Technology in Online Education: Tools and Tips for Success

JAMES L. SOLDNER (University of Massachusetts Boston) and Rocio Rosales (University of Massachusetts Lowell)

#### Gamified! An Evaluation of the Effects of Gamification in an Undergraduate Online Course

DEBRA BERRY MALMBERG, Jose Solares, and Tara A. Fahmie (California State University, Northridge)

### #381 Symposium

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8:00 am–8:50 am  
Hyatt Regency, Granite  
OBM/DEV; Applied Research  
BACB CE Offered. CE Instructor: Michael Lamport Commons, Ph.D.

#### 'Talent' Management in Organizations and Academia Using Behavioral Assessments

Chair: Kyle Featherston (Washington University in St. Louis)  
Discussant: Xiaojie Johan Liu (Boston University)

**Talent Management to Help Organizations Thrive Using the Behavioral Developmental Model of Hierarchical Complexity**

MICHAEL LAMPORT COMMONS (Harvard Medical School), Saranya Ramakrishnan (Harvard School of Public Health), Sarthak Giri (Dare Association)

**Isolating Occupational Interests of Academics to Identify Metrics of Success**

Saranya Ramakrishnan (Harvard School of Public Health), Sarthak Giri (Dare Association), PATRICE MARIE MILLER (Salem State University), and Michelle Mei (Smith College)

**#382 Symposium**

8:00 am–8:50 am

Hyatt Regency, Centennial Ballroom F/G

PCH; Service Delivery

BACB CE Offered. CE Instructor: Katie Wolfe, Ph.D.

**Issues in the Visual Analysis of Single-Case Research Data**

Chair: Katie Wolfe (University of South Carolina)

**Evaluating Visual Analysis and Non-Overlap Indices Using the Literature on Parent Implemented Interventions**

ERIN E. BARTON (Vanderbilt University), Hedda Meadan (University of Illinois at Urbana-Champaign), Angel Fetting (University of Massachusetts Boston)

**An Evaluation of the Agreement Among Expert Visual Analysts and the Conservative Dual Criterion Method**

KATIE WOLFE, Michael Seaman, Erik Drasgow, and Phillip Sherlock (University of South Carolina)

**Evaluating a Systematic Visual Analysis Protocol for the Analysis of Single-Case Research**

Katie Wolfe (University of South Carolina), Erin E. Barton (Vanderbilt University), and HEDDA MEADAN (University of Illinois at Urbana-Champaign)

**#383 Panel Discussion**

**Ethics**

8:00 am–8:50 am

Convention Center Mile High Ballroom 2C

PRA; Service Delivery

BACB CE Offered. CE Instructor: Jessica Franco, Ph.D.

**Ethical Responsibilities of a Board Certified Behavior Analyst: Maintaining Professional Identity as an Interdisciplinary Team Member**

Chair: Lupe Castaneda (Behavior Pathways, LLC)

JESSICA FRANCO (University of Texas at Austin)

BERENICE DE LA CRUZ (Autism Community Network)

MEGAN G. KUNZE (University of Oregon)

**#384 Invited Presenter**

8:00 am–8:50 am

Hyatt Regency, Centennial Ballroom D

SCI; Applied Research

BACB CE Offered. CE Instructor: Christopher A. Podlesnik, Ph.D.

**Translational Research Using Laboratory Models of Persistence and Relapse**

Chair: M. Christopher Newland (Auburn University)

CHRISTOPHER A. PODLESNIK (Florida Institute of Technology)



Chris received his BA in psychology from West Virginia University, his Master's and Ph.D. in psychology from Utah State University, and gained postdoctoral research experience in behavioral pharmacology at The University of Michigan. He was a faculty member at The University of Auckland in New Zealand and still holds a position of Honorary Academic there. His research interests mainly involve understanding the role of fundamental learning processes in behavioral persistence and relapse, with an emphasis on translational research. His clinical research interests are in understanding the behavioral processes involved in the maintenance and treatment of severe problem behavior. Chris is currently an associate editor for the *Journal of the Experimental Analysis of Behavior*. He also is program chair and president-elect of the Society for the Quantitative Analyses of Behavior, board member of the Society for the Experimental Analysis of Behavior, and received both the 2011 B. F. Skinner Early Career Award from Division 25 of the American Psychological Association and the 2016 Federation of Associations in Behavior and Brain Sciences Early Career Impact Award for the Association for Behavior Analysis International.

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**Abstract:** Persistent problem behavior with a propensity to relapse poses challenges to behavioral practitioners to develop more effective and durable treatments. Designing better treatments is difficult because a wide range of events contribute to behavioral persistence and relapse. Translational research offers a wide range of tools for isolating the processes involved in recurrent problem behavior and exploiting those processes when developing treatments. Basic research geared toward understanding problems of practical significance offers well-controlled conditions from which to assess systematically and thoroughly the learning and behavioral processes underlying treatment failures and successes. I will discuss how my colleagues and I have used basic research to understand the processes involved in the challenges of treating clinically relevant behavior.

### #385 Symposium

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8:00 am–8:50 am

Convention Center 304

TBA

BACB CE Offered. CE Instructor: Thomas Ratkos, M.A.

#### **From Diploma to Behavior Analyst—Educating Our Next Generation**

Chair: Thomas Ratkos (Western Michigan University)

Discussant: Rodney D. Clark (Allegheny College)

#### **Essential Readings for Undergraduate Students in Behavior Analysis: A Survey of Behavior Analytic Faculty and Practitioners**

THOMAS RATKOS and Jessica E. Frieder (Western Michigan University); Ryan M. Zayac, Nathan Donahue, and Amber Paulk (University of North Alabama); and Mary Ware (The University of Southern Mississippi)

#### **Evaluation of Behavior-Analytic Training Content by Behavior Analysis Program Coordinators**

JAMES W. DILLER and Dana Blydenburg (Eastern Connecticut State University)

### #386 Invited Presenter

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8:00 am–8:50 am

Convention Center Four Seasons Ballroom 1

VRB; Applied Research

PSY/BACB CE Offered. CE Instructor: Vincent Joseph Carbone, Ed.D.

#### **The Role of Joint Control in Teaching Complex Listener Responding to Children With Autism and Other Disabilities**

Chair: Judah B. Axe (Simmons College)

VINCENT JOSEPH CARBONE (Carbone Clinic)



Vincent J. Carbone, Ed.D., is a Board Certified Behavior Analyst-Doctorate and New York State Licensed Behavior Analyst. He received his graduate training in Applied Behavior Analysis (ABA) at Drake University, Des Moines, Iowa, under the supervision of W. Scott Wood. He received a doctorate in education from Nova Southeastern University, Ft Lauderdale, FL. He currently serves as an adjunct faculty member at Penn State University and the graduate programs in Behavior Analysis offered by IESCU, in Parma, Italy, and at the University of Salerno, Salerno, Italy. His behavior analytic research has been published in several peer-

reviewed journals including the *Journal of Applied Behavior Analysis*, *The Analysis of Verbal Behavior*, *Behavior Modification*, *Research in Autism Spectrum Disorders*, and others. He has provided the requisite university training and supervision to hundreds of board certified behavior analysts in the U.S. and overseas. Currently, he serves as the director of the Carbone Clinics in New York and the Boston, MA, area. Additionally, he serves as the director of the Carbone Clinic in Dubai, UAE. All clinics provide behavior analytic consultation, training and therapeutic services to children with autism and developmental disabilities, families and their treatment teams.

**Abstract:** Skinner's (1957) analysis of language has much to offer clinicians interested in teaching verbal behavior to persons with autism. Much of the research in this area has emphasized the teaching of speaker behavior with less work dedicated to a thorough analysis of the contingencies operating on the behavior of the listener. Possibly due to this lack of attention, cognitive explanations of comprehension, understanding, and word recognition have persisted. A special form of multiple control called joint stimulus control may provide an alternative and cogent behavioral analysis of complex listener behavior. The purpose of this presentation is to provide an overview of the conceptual analysis of joint control and the basic and applied research that has followed. Video demonstrations of the teaching of joint control with participants from a recently published study and additional clinical applications will be presented to illustrate the implementation of joint control procedures in applied settings.

## #387 Symposium

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8:00 am–9:50 am

Convention Center Mile High Ballroom 3C

AUT/DEV; Applied Research

BACB CE Offered. CE Instructor: Jennifer Ninci, Ph.D.

### **Making the Most of Natural Learning Opportunities for Children With Autism Spectrum Disorder**

Chair: Jennifer Ninci (University of Hawaii at Manoa)

Discussant: Patricia Sheehey (University of Hawaii at Manoa)

#### **Child Reciprocal Vocal Contingency and Concurrent Language-Related Characteristics in Young Children With Autism Spectrum Disorder**

AMY HARBISON and Paul J. Yoder (Vanderbilt University) and Anne Warlaumont (University of California, Merced)

#### **Programming for Generalization of Parent-Implemented Behavioral Interventions for Children With Autism**

LESLIE NEELY and Felicia Castro-Villarreal (University of Texas at San Antonio), Stephanie Gerow (Baylor University), Wendy A. Machalicek (University of Oregon), and Daira Rodriguez (University of Texas at San Antonio)

#### **Use of Preferred Targets in Early Receptive Identification Programs for Children With Autism**

JENNIFER NINCI (University of Hawaii at Manoa), Mandy J. Rispoli (Purdue University), Stephanie Gerow (Baylor University), and Emily Gregori (Purdue University)

#### **Research-Based Approaches to Promoting Generalization When Using Discrete-Trial Training**

MARY JO NOONAN (University of Hawaii)

## #388 Symposium

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8:00 am–9:50 am

Convention Center Mile High Ballroom 4A

AUT/CBM; Applied Research

BACB CE Offered. CE Instructor: April N. Kismore, Ph.D.

### **Advancements in the Treatment of Anxiety and Avoidance in Children and Adolescents With Autism During Healthcare Visits and Routines**

Chair: April N. Kismore (Caldwell University)

Discussant: Pamela L. Neidert (The University of Kansas)

#### **Treatment of Anxiety in Individuals With Autism**

BRITTANY NOYES and William H. Ahearn (The New England Center for Children)

#### **Treating the Physician Avoidance of a Child With Autism Using Chaining and Differential Reinforcement of Alternative Behavior**

MELISSA DRIFKE, Kimberly Gussy-Fragakis, Margaret Rachel Gifford, Madelynn Lillie, and Jeffrey H. Tiger (University of Wisconsin–Milwaukee)

#### **Application of a Trial-Based Functional Analysis to Problem Behavior Exhibited by Children With Autism in a Dental Setting**

PURNIMA HERNANDEZ, April N. Kismore, and Jason C. Vladescu (Caldwell University) and SungWoo Kahng (University of Missouri)

#### **Increasing Cooperation With Routine Fingernail Grooming**

Meghan Deshais, LISA GUERRERO, and Timothy R. Vollmer (University of Florida)

## #389 Symposium

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8:00 am–9:50 am

Convention Center Mile High Ballroom 4C/D

AUT/PRA; Service Delivery

BACB/QABA CE Offered. CE Instructor: Nancy J. Champlin, M.A.

### **Learning to Play and Playing to Learn**

Chair: Nancy J. Champlin (ACI Learning Centers)

Discussant: Andrew John Houvouras (Applying Behavior Concepts)

#### **Assessing Typical Children's Imaginary Play to More Effectively Program for Children With Autism**

NANCY J. CHAMPLIN and Melissa Schissler (ACI Learning Centers)

#### **Teaching the Foundational Components of Pretend Play to Children With Autism**

MELISSA SCHISLER and Nancy J. Champlin (ACI Learning Centers)

#### **Teaching a Sequence of Play Actions and Vocalizations to a Child Using Speech Generating Devices**

WHITNEY WEHRKAMP, Nancy J. Champlin, and Melissa Schissler (ACI Learning Centers)

#### **The Use of PlayTubs™ to Teach Children With Autism to Expand Appropriate Play Sequences**

MOLLIE ANN RICHERT, Nancy J. Champlin, and Melissa Schissler (ACI Learning Centers)



### #390 Paper Session

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8:00 am–9:50 am  
Convention Center Mile High Ballroom 3B  
AUT

#### **Tactics to Increase the Efficacy and Efficiency of Discrete Trial Training**

Chair: Elif Tekin-Iftar (Anadolu University)

##### **Increasing Instructional Efficiency in Teaching Academic Skills to Students With Autism Spectrum Disorders** (Applied Research)

ELIF TEKIN-IFTAR (Anadolu University) and Seray Olcay Gul Gul (Hacettepe University)

##### **How Basic Matching Skills Generalize to Receptive Language Skills in a Child With Severe Developmental Delay** (Applied Research)

CAILIN M. OCKERT (The BISTA Center)

##### **Efficiency of Discrete Trial Teaching Applied by Caregivers and Professionals** (Applied Research)

JULIANA CESAR DE OLIVEIRA, Romariz da Silva Barros, Claudia Bueno-Nogueira, and Alvaro Júnior Melo Silva (Federal University of Pará)

##### **Training Parents and Professionals via an Online-Based Learning System to Implement DTT With Children Diagnosed With Autism** (Applied Research)

ADRIANO ALVES BARBOZA and Romariz Barros (Federal University of Pará)

### #391 Symposium

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8:00 am–9:50 am  
Hyatt Regency, Centennial Ballroom E  
EAB

#### **Behavioral Persistence: Basic, Translational, and Clinical Studies**

Chair and discussant: John A. Nevin (University of New Hampshire)

##### **Signaling Alternative Reinforcers in Multiple Schedules With Varied Reinforcer Rates**

F. CHARLES MACE (Nova Southeastern University), Andrew R. Craig (Utah State University), Iser Guillermo DeLeon (University of Florida), Timothy A. Shahan (Utah State University), and Tara M. Sheehan (Nova Southeastern University)

##### **Examining Relapse in an Animal Analog of Contingency Management**

TIMOTHY A. SHAHAN, Andrew R. Craig, and Paul Cunningham (Utah State University) and Maggie Sweeney (Johns Hopkins University School of Medicine)

##### **Behavioral Persistence in a Human Laboratory Model of the Contingency Management Paradigm**

WILLIAM V. DUBE and Brooks Thompson (E. K. Shriver Center at University of Massachusetts Medical School) and Marcelo Vitor da Silveira (Universidade Federal de São Carlos)

##### **Applying the CM Paradigm to Children's Problem Behavior Using Multiple-Schedule and Successive-Conditions Designs**

TARA M. SHEEHAN (Nova Southeastern University), William H. Ahearn (The New England Center for Children), Iser Guillermo DeLeon (University of Florida), John Clark (The New England Center for Children), and F. Charles Mace (Nova Southeastern University)

### #392 Symposium

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8:00 am–9:50 am  
Convention Center Mile High Ballroom 2B  
PRA/AUT; Applied Research  
BACB CE Offered. CE Instructor: Joseph Michael Lambert, Ph.D.

#### **Trial-Based FAs That Yield Socially Valid Outcomes: Applying What We Know to How We Practice**

Chair: Joseph Michael Lambert (Vanderbilt University)

Discussant: Mandy J. Rispoli (Purdue University)

##### **Teacher Conducted Latency-Based FA and Intervention in Classroom Setting**

JOSEPH MICHAEL LAMBERT and Sarah Lopano (Vanderbilt University) and Christina F. Noel and Meaghan Ritchie (Western Kentucky University)

##### **Latency Measures From Trial-Based FA as Baseline for Subsequent Treatment Validation**

LAUREN LEJEUNE, Joseph Michael Lambert, Christopher Lemons, Rachel Mottern, and Barbara Wisniewski (Vanderbilt University)

##### **The Use of Synthesized Contingencies in Trial-Based Functional Analysis**

Mandy J. Rispoli, EMILY GREGORI, SoYeon Kim, and Catharine Lory (Purdue University)

##### **An Application of Trial Based Functional Analysis With Secondary Demand Analysis in a Preschool Setting**

NATALIE BADGETT and Scott A. Spaulding (University of Washington)

### #393 Paper Session

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9:00 am–9:20 am  
Hyatt Regency, Centennial Ballroom A  
EAB

#### **Cooperation in Non-Human Animals**

Chair: Amanda Ackerman (West Virginia University)

##### **Shaping Cooperation in Pigeons (Basic Research)**

AMANDA ACKERMAN and Kennon Andy Lattal (West Virginia University)

### #394 Symposium

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9:00 am–9:50 am  
Convention Center Four Seasons Ballroom 2/3  
AUT/DDA; Applied Research  
BACB CE Offered. CE Instructor: Jaime DeQuinzio, Ph.D.

#### **Recent Advances in Teaching and Assessing Observational Learning in Individuals With Autism and Developmental Disabilities**

Chair: Jaime DeQuinzio (Alpine Learning Group)

##### **Comparing the Efficacy of Peer Versus Staff Models on Observational Learning in Adults With Developmental Disorders**

MARIELA CASTRO (University of Nevada, Reno) and RuthAnne Rehfeldt (Southern Illinois University)

##### **Assessing Observational Learning With Video Models in Children Diagnosed With Autism**

LESLIE QUIROZ (The New England Center for Children), Jacquelyn M. MacDonald (Regis College), and William H. Ahearn (The New England Center for Children)

##### **The Discrimination of Consequences: Incorporating Known and Unknown Targets During Observational Learning**

BRITTANY TOMASI, Jaime DeQuinzio, and Bridget A. Taylor (Alpine Learning Group)

### #395 Symposium

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9:00 am–9:50 am  
Convention Center Mile High Ballroom 4E/F  
AUT/TBA; Service Delivery  
BACB CE Offered. CE Instructor: Andrew Pierce Blowers, M.S.

#### **Intercontinental Evaluations in Training Adults and Treating Child Problem Behavior via Telehealth in Their Native Language**

Chair: Andrew Pierce Blowers (University of Nebraska Medical Center's Munroe-Meyer Institute)

##### **Further Analysis of a Web-Based Program for Training Italian Speaking Parents to Implement Early Intensive Behavioral Intervention**

ANDREW PIERCE BLOWERS, Megan E. Vosters, Kevin C. Luczynski, and Wayne W. Fisher (University of Nebraska Medical Center's Munroe-Meyer Institute) and Alessandro Dibari, Daniele Rizzi, and Erica Scandurra (Associazione Abruzzese Liberi Bambini dall'Autismo)

##### **Intercontinental Telehealth: Virginia Consultants' Distance Coaching of Therapists in Homes in Georgia-Sakartvelo in Eastern Europe**

ANA BARKAIA (Children of Georgia), Trevor F. Stokes (James Madison University), and Tamari Mikiashvili (Children of Georgia)

##### **Effectiveness and Acceptability of Parent Training via Telehealth Among Families in Greece and Turkey**

LOUKIA TSAMI (University of Houston–Clear Lake), Ozlem Toper Korkmaz (Uludag University), and Dorothea C. Lerman (University of Houston–Clear Lake)

### #396 Symposium

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9:00 am–9:50 am  
Hyatt Regency, Capitol Ballroom 4  
CBM  
BACB CE Offered. CE Instructor: Ashley Eden Greenwald, Ph.D.

#### **Behavior Science in Gerontology: Addressing Barriers to Interdisciplinary Work**

Chair: Rachel Armstrong (Eastern Michigan University)

##### **Applied Behavior Analysis for an Aging America: Prevalence of Need, and Regulations Impacting Provision**

DAVID DONNELLY (University of Rochester)

**Overcoming Barriers to a Statewide Scale-Up of Behavioral Gerontology Services**  
ASHLEY EDEN GREENWALD (University of Nevada, Reno)

**Interdisciplinarity: What? How?**

RACHEL ARMSTRONG and Claudia Drossel (Eastern Michigan University)

**#397 Symposium**

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9:00 am–9:50 am

Hyatt Regency, Capitol Ballroom 5-7

CBM/CBM; Applied Research

BACB CE Offered. CE Instructor: Patrick Thulen, M.A.

**Using Behavioral Assessment to Identify Co-Morbid Medical and Psychiatric Concerns in Individuals With Autism**

Chair: Patrick Thulen (Bancroft)

Discussant: Lisa Alberts (Bancroft)

**Diagnosing Psychiatric Disorders With Behavioral Assessments for Individuals With Autism Spectrum Disorder and Intellectual Disability**

SEAN SMITH, Lisa Alberts, Nicole L. Keys, and Tracy L. Kettering (Bancroft)

**Constipation as a Setting Event for Problem Behavior: Diagnosis and Treatment**

CAITLIN PARKER, Lisa Alberts, Kellie P. Goldberg, Joshua LaForte, Sean Smith, Patrick Thulen, and Tracy L. Kettering (Bancroft)

**#398 Paper Session**

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9:00 am–9:50 am

Hyatt Regency, Mineral Hall A-C

CSS

**Behavior of International Importance: Prejudice and Torture**

Chair: Katie DeKraaker Ward (Firefly Autism)

**Understanding Prejudices and Stereotypes Through the Concept of Categorization and Stimulus Equivalence (Theory)**

SUZANNA JAVED (Teachers College, Columbia University)

**When Bad Behaviorists Go to War: A Study on United States Interrogation Techniques (Theory)**

KATIE DEKRAKER WARD (Firefly Autism)

**#399 Symposium**

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9:00 am–9:50 am

Convention Center Mile High Ballroom 1C/D

DDA/AUT

BACB CE Offered. CE Instructor: Laura C. Chezan, Ph.D.

**Getting Back to Our Roots: Novel Applications for Assessing and Treating Context Specific Problem Behavior**

Chair: Laura C. Chezan (Old Dominion University)

**Developing a Profile for Individuals With Problem Behavior Maintained by Adult Compliance With Mands**

ANNA RYAN (The University of Iowa; Kennedy Krieger Institute) and Amanda Goetzel, Diana Socie, and Jonathan Dean Schmidt (Kennedy Krieger Institute)

**An Evaluation of the Impact of Therapist Response to Perseverations**

CARA L. PHILLIPS (Kennedy Krieger Institute, Johns Hopkins University School of Medicine), Samantha R. Young (Kennedy Krieger Institute), Jennifer Rebecca Weyman (University of South Florida), Marissa Erin Daly (University of Maryland, Baltimore County), and Allen Porter (Kennedy Krieger Institute)

**Using Brief Experimental Analyses to Identify Effective Interventions for Individuals With Severe Problem Behavior**

AMANDA GOETZEL, Phillip Orchowicz, Sara Deinlein, Catherine Chaille, and Jonathan Dean Schmidt (Kennedy Krieger Institute)

## #400 Symposium

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9:00 am–9:50 am

Convention Center Mile High Ballroom 1A/B

DDA; Service Delivery

BACB CE Offered. CE Instructor: Hanna C. Rue, Ph.D.

### **Experimental Functional Analyses and Procedural Integrity**

Chair: Jennifer D. Smith (Cincinnati Children's Hospital Medical Center)

#### **Procedural Integrity in Functional Analysis: A Review of the Literature**

ANDREA L. RIDGWAY, Chisato Komatsu, Hanna C. Rue, Daisy Wang, and Rebecca Mandal-Blasio (Autism Spectrum Therapies)

#### **Functional Analysis: Generalization From Traditional to Trial-Based Analysis**

HANNA C. RUE, Andrea L. Ridgway, and Tino LoVullo (Autism Spectrum Therapies)

#### **Functional Analysis: Varying Levels of Procedural Integrity**

TINO LOVULLO, Hanna C. Rue, and Andrea L. Ridgway (Autism Spectrum Therapies)

## #401 Symposium

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9:00 am–9:50 am

Hyatt Regency, Centennial Ballroom B/C

EAB/PRA; Basic Research

### **The Matching Law: Alive and Kicking**

Chair: Holly Seniuk (University of Nevada, Reno)

Discussant: Jason C. Bourret (The New England Center for Children)

#### **An Examination of Matching in Professional Soccer Penalty Shoot-Outs: Using Archival Data to Advance Our Understanding of Choice in Sports**

ALBERT MALKIN (Southern Illinois University), Holly Seniuk (University of Nevada, Reno), Derek D. Reed (The University of Kansas), and Mark R. Dixon (Southern Illinois University)

#### **Applications of the Generalized Matching Law to Professional Mixed Martial Arts Competition**

HOLLY SENIUK (University of Nevada, Reno) and Janie Vu (University of Guelph)

## #402 Symposium

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9:00 am–9:50 am

Convention Center 403/404

EDC/PRA; Applied Research

BACB CE Offered. CE Instructor: Edward J. Daly, Ph.D.

### **Generalized Effects of Repeated-Readings Interventions**

Chair: David Hulac (University of Northern Colorado)

#### **Examining Procedures for Promoting Maintenance and Generalization: Repeated Versus Guided Versus Repeated Plus Guided Reading**

SCOTT P. ARDOIN (University of Georgia), Katherine Binder (Mt. Holyoke), and Andrea Zawoyski and Tori Foster (University of Georgia)

#### **Direct and Generalized Effects of a Reading Fluency Intervention Across Different Word Overlap Conditions**

NICHOLAS D. YOUNG (University of Northern Colorado) and Brian K. Martens, Michael Patrick Mullane, Stephanie J. Long, Samantha Sallade, William Sullivan, Allison J. Morley, and Joseph E. Underberg (Syracuse University)

#### **A Comparison of Comprehension Accuracy and Rate: Repeated Readings and Listening-While-Reading in Second-Grade Students**

MEGAN BLONDER, Christopher Skinner, Dennis Ciancio, Samantha Turnbull, Katelyn Scott, Carrie Jaquett, Jonah Ruddy, and Kelly Thompson (University of Tennessee)

## #403 Paper Session

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9:00 am–9:50 am

Convention Center 405

EDC

### **Teaching Future Teachers How to Be Effective Teachers**

Chair: Sarah E. Pinkelman (Utah State University)

#### **Providing the “simSchool” Experience for Beginning Preservice Teachers (Applied Research)**

TRUDI GAINES (University of West Florida)

#### **Professional Development With Video Modeling: Effects on Behavior Specific Praise in General Education Classrooms (Applied Research)**

COLLEEN BARRY (George Mason University) and Sarah E. Pinkelman (Utah State University)

## #404 Paper Session

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9:00 am–9:50 am  
Hyatt Regency, Mineral Hall D-G  
OBM

### OBM in Workplace Health and Safety

Chair: Christopher Hebein (The University of Nevada, Reno)

**How Behavior Analysts Can Contribute to Corporate Health Promotion** (Service Delivery)  
EDWARD M. FRAMER (Health Fitness Corporation, Inc.)

**The Best in Behavioral Safety Systems Step Forward: Detecting and Shaping Quality** (Service Delivery)  
CHRISTOPHER HEBEIN and Steven Ambro (University of Nevada Reno) and Mark P. Alavosius (Praxis2)

## #405 Invited Presenter

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9:00 am–9:50 am  
Hyatt Regency, Centennial Ballroom D  
OTH; Basic Research  
PSY/BACB CE Offered. CE Instructor: Robert C. Mellon, Ph.D.

### Discriminative Processes in the Differential Reinforcement of Stereotyped and Varied Response Forms

Chair: Federico Sanabria (Arizona State University)

ROBERT C. MELLON (Panteion University of Social and Political Sciences)



Robert C. Mellon, Ph.D., BCBA, is professor of the Department of Psychology at the Panteion University in Athens, where he established a seven-semester undergraduate course of studies in behavioral philosophy and science, and directs the Laboratory of Experimental and Applied Behavior Analysis. He trained in the Brownstein-Shull laboratory at the University of North Carolina at Greensboro, where he completed both the clinical psychology and experimental analysis of behavior programs. He was a clinical psychology intern at New York University-Bellevue, and served as a postdoctoral research fellow at the State University of New York at Binghamton and then at the New York State Psychiatric Institute-Columbia University. Mellon travelled with the Overseas Programs of the University of Maryland, then dropped anchor in the Hellenic Republic, where he has worked for two decades and authored Hellenic-language behavior-analytic textbooks. His empirical and theoretical work, principally in behavioral variability, resistance to change and aversive control, and the implications of these processes in understanding the provenance and treatment of problematic patterns of behavior, has been published in both behavior-analytic and mainstream psychology journals. Mellon serves as past president of the European Association for Behaviour Analysis and as founding president of the Hellenic Community for Behavior Analysis.

**Abstract:** In instructional texts, response differentiation and stimulus discrimination procedures are usually treated separately, but shaping inherently establishes discriminative control by proprioceptive and other stimuli automatically and differentially produced in the emission of effective and ineffective response forms; antecedent control by response-produced stimuli inheres in shaping. In many cases, effective shaping might not require a specification of the discrimination of response-produced stimuli generated under differential reinforcement; other problems might demand a more fine-grained analysis. One such problem might be that of altering the variability/stereotypy of a response form, in which differential reinforcement may be viewed as establishing the discriminative and conditional reinforcing potency of the stimuli produced in the inchoate emission of acts that are either similar to, or different from, those recently emitted. When control by such stimuli is weak, procedures specifically designed to enhance the SD and S? functions of stimuli produced by repetitive and non-repetitive acts might be of substantial utility. Recent experiments indicate that the differential reinforcement of repetition or non-repetition indeed generates discriminations of the criterion-defining dimensions of response-produced stimuli of effective and ineffective acts, not undifferentiated “novelty,” and that interventions designed to alter stereotypy/variability might be rendered more effective by the facilitation of such self-discrimination.

## #406 Panel Discussion

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### Ethics

9:00 am–9:50 am  
Convention Center Mile High Ballroom 2A  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: Janet Vasquez, M.S.

### Telehealth: A Viable Option for Ethical and Effective ABA Services

Chair: Janet Vasquez (World Evolve Therapy)

KIMBERLY D. WOOLERY (World Evolve Therapy)  
LAURIE TARTER (Sunny Days, Inc.)  
KARELIX ALICEA (Lotus Behavioral Interventions)

## #407 Invited Tutorial

Ethics; Recorded Session

9:00 am–9:50 am  
Convention Center Four Seasons Ballroom 4  
PRA; Service Delivery  
BACB/QABA CE Offered. CE Instructor: Steven Woolf, Ph.D.

### Applied Ethics for Practicing Behavior Analysts

Chair: John M. Guercio (Benchmark Human Services)

STEVEN WOOLF (Beacon ABA Services)



Dr. Woolf has been a BCBA-D for over 17 years and is the Senior Vice President of Beacon ABA Services, which is the largest home based EIBI service provider in the Northeast. He regularly communicates with state officials at Department of Public Health, Department of Developmental Services, special education directors, and state legislators on the funding and quality of ABA services. Dr. Woolf has authored publications and regularly presents ABA research at state and national conferences. He has extensive experience providing treatment to children and adults with disabilities. He is the former past president, one of the founders of MassABA, executive member on CTABA, executive member of MassABA, and chairperson of the ABAL Chapter leadership committee. Dr. Woolf's specialty areas include managing large scale home-based service delivery system and licensure of behavior analysts. He has served on state committees to define behavior analyst licensure standards and regulations. Dr. Woolf also has significant experience working with numerous health insurance providers relative to funding ABA treatment and presents regularly on the new AMA CPT codes.

**Abstract:** This presentation addresses some of the most common ethical issues behavioral practitioners encounter when providing home-based and school services. As the numbers of BCBA's have grown over the last few years and ABA services funding increased, behavior analysts are increasingly exposed to ethical dilemmas that may jeopardize their certification or license. The presenter shall complete a data based overview of some of the most common ethical complaints encountered by related human service professionals enforced by state regulatory boards. The presentation also highlights survey data based on ethical challenges experienced by practicing behavior analyst. The presenter will also provide analysis of state behavior analyst licensing regulations cross referenced to the BACB compliance code. Finally, the presenter shall provide strategies for dealing and responding to ethical issues commonly encounter by practicing behavioral professionals. This workshop addresses a variety of ethical and best practice issues: in-field supervision of paraprofessional staff, appropriate discharge/termination of cases, fraudulent billing, school consultation, documentation of services, informed consent, misrepresentation, punishment as intervention, and maintaining of clinical records.

## #408 Panel Discussion

Student Committee Events

9:00 am–9:50 am  
Convention Center 304  
TBA; Service Delivery  
BACB CE Offered. CE Instructor: Shea M. Lemley, M.A.

### Professional Development Series: Navigating the Grant World as a Behavior Analyst

Chair: Shea M. Lemley (The University of Kansas)

DAVID P. WACKER (The University of Iowa)  
MATTHEW W. JOHNSON (Johns Hopkins University School of Medicine)  
WILLIAM J. MCILVANE (University of Massachusetts Medical School)

## #409 Paper Session

9:00 am–9:50 am  
Convention Center Mile High Ballroom 3A  
VRB

### Analyzing MOs and Reinforcers in Mand Training

Chair: Genae Annette Hall (Behavior Analysis and Intervention Services)

**Using Interrupted Behavior Chains to Assess and Teach Mand: Details of How to Effectively Manipulate Blocked Response Conditioned Establishing Operations** (Service Delivery)  
GENAE ANNETTE HALL (Behavior Analysis and Intervention Services)

**Noncontingent Reinforcement and Behavioral Momentum: A Comparison of Functional and Arbitrary Reinforcers in Mand Training** (Applied Research)

A. DUFF LOTFIZADEH and Meghan Herron (Easter Seals Southern California) and Henry D. Schlinger (California State University, LA)

Monday, May 29

## #410 Symposium

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9:00 am–10:50 am

Hyatt Regency, Centennial Ballroom H

AAB

### **Behavior Analysis in Zoological Settings: Behavioral Assessments and Welfare**

Chair: Kathryn L. Kalafut (Antioch College)

Discussant: Kenneth T Ramirez (Karen Pryor Clicker Training)

#### **Preferences for Environmental Enrichment in Bottlenose Dolphins**

LINDSAY RENEE MEHRKAM (Oregon State University) and Nicole R. Dorey (University of Florida)

#### **Assessing Color Preference in Loggerhead Sea Turtles**

AMANDA MAHONEY, Alexis Fleming, Ashley Lee, Sequoyah Thurmond, Satta Kpaan, Jasmine Benning (Savannah State University)

#### **Evaluation of Strategies Designed to Reduce Stereotypic Pacing in an African Lion (*Panthera leo*)**

CHRISTY A. ALLIGOOD (Disney's Animal Kingdom; Florida Institute of Technology), Angela Miller (Disney's Animal Kingdom), and Katherine A. Leighty (Education and Science; Disney's Animal Kingdom)

#### **The Effects of Increased Swimming on Bumblefoot in Little Blue Penguins (*Eudyptula minor*)**

KATHRYN L. KALAFUT (Antioch College) and Rickey Kinley (Cincinnati Zoo and Botanical Garden)

## #411 Symposium

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9:00 am–10:50 am

Hyatt Regency, Granite

OBM/AUT:

BACB CE Offered. CE Instructor: Todd Allen Merritt, M.A.

### **Fostering Professional Skills and Service Quality: Recent Advancements in Pre-Intervention Assessment in Human Services**

Chair: Tyler Erath (The University of Kansas)

Discussant: Byron J. Wine (Florida Institute of Technology)

#### **Assessment of Inter-Rater and Test-Retest Reliability of the Performance Diagnostic Checklist - Human Services**

David A. Wilder, Joshua Lipschultz, ANSLEY CATHERINE HODGES, and Hallie Marie Ertel (Florida Institute of Technology)

#### **Development of an Individualized Functional Assessment Tool for Barriers to Effective Caseload Management**

JONATHAN MUELLER (Trumpet Behavioral Health) and Linda A. LeBlanc (LeBlanc Behavioral Consulting LLC)

#### **Assessing and Improving Quality of Care in an Autism Clinic**

EMMA GRAUERHOLZ-FISHER (University of Florida), Allison M. Berard (Florida Autism Center), Kerri P. Peters and Timothy R. Vollmer (University of Florida)

#### **An Evaluation of the Performance Diagnostic Checklist: Human Services to Improve Staff Tardiness**

TODD ALLEN MERRITT (The University of Kansas; QSAC) and Florence D. DiGennaro Reed (The University of Kansas)

## #412 Symposium

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## Supervision

9:00 am–10:50 am

Convention Center Mile High Ballroom 2C

PRA/CSS; Service Delivery

BACB CE Offered. CE Instructor: Elizabeth Hughes Fong, M.A.

### **Examining Cross Cultural Supervision**

Chair: Elizabeth Hughes Fong (Saint Joseph's University)

#### **Tearing Down the Wall of Language Barriers: Addressing the Ethics of Providing Services to Families With a Different Native Language**

KRISTA BROOKER (Mariposa Autism Service Center)

#### **Verbal Behavior and Supervision - Is the Message Lost?**

SOOK KIM (Multicultural Alliance of Behavior Analysts)

#### **Supervisors as Game Changers: Narrative as Behaviors**

SAKURAKO SHERRY TANAKA (Multicultural Alliance of Behavior Analysts)



### #413 Symposium

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9:00 am–10:50 am

Convention Center 401/402

TBA

BACB CE Offered. CE Instructor: Scott A. Spaulding, Ph.D.

#### **Evaluating the Effects of Different Interteaching Components on Student Outcomes**

Chair: Scott A. Spaulding (University of Washington)

Discussant: Karen Kate Kellum (University of Mississippi)

##### **Interteaching: Breaking Away From Traditional Lecture-Centered Pedagogy**

CATHERINE M. GAYMAN (Troy University)

##### **What Survives When Lectures Have Been Forgotten? Research on the Pragmatics of Interteaching**

AMY MURRELL, Shraddha Trehan, Joseph Hernandez, Leyla Erguder, Daniel Steinberg, Teresa Hulsey, Danielle Moyer, and Darby McMakin (University of North Texas)

##### **A Preliminary Evaluation of the Relative Contribution of Interteaching Components**

JOSEPH D. DRACOBLY (Eastern Connecticut State University)

##### **Differences in Student Performance and Preference During Interteaching and Lecture in Synchronous Online Learning**

MICHAEL GUTIERREZ, Nancy Rosenberg, and Scott A. Spaulding (University of Washington)

### #414 Paper Session

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10:00 am–10:20 am

Hyatt Regency, Capitol Ballroom 4

CBM

#### **TAG You're It**

Chair: Miranda Foley (Firefly Autism)

##### **TAG You're It (Applied Research)**

Ken Winn, Melissa Marks, MIRANDA FOLEY, and Rebecca Perry (Firefly Autism)

### #415 Symposium

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10:00 am–10:50 am

Convention Center Four Seasons Ballroom 2/3

AUT/OBM; Applied Research

BACB CE Offered. CE Instructor: Jason C. Vladescu, Ph.D.

#### **Training Staff to Implement Basic Behavioral Technologies for Consumers With Autism Spectrum Disorder**

Chair: Jason C. Vladescu (Caldwell University)

##### **Using Video Modeling With Voiceover Instruction Plus Feedback to Train Implementation of Stimulus Preference Assessments**

CASEY NOTTINGHAM, Jason C. Vladescu, Antonia Giannakakos, and Lauren K. Schnell (Caldwell University) and Joshua Lipschultz (Florida Institute of Technology)

##### **Reducing Error Patterns When Teaching Receptive Identification to Students With Autism Using Enhanced Datasheets**

Stacy Lauderdale-Littin (Monmouth University), JAYE ODOM (Rutgers University, Douglass Developmental Disabilities Center)

##### **A Descriptive Assessment of Pyramidal Training**

KALLY M. LUCK, Dorothea C. Lerman, Stephanie Smothermon, Brittany Zey, Taylor Custer, Leah Smith (University of Houston–Clear Lake)

### #416 Symposium

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10:00 am–10:50 am

Hyatt Regency, Capitol Ballroom 5-7

CBM/VRB; Basic Research

BACB CE Offered. CE Instructor: Evelyn R. Gould, Ph.D.

#### **Doing What Matters: Empirical and Conceptual Investigations Into Valuing as a Behavioral Phenomenon**

Chair: Evelyn R. Gould (FirstSteps for Kids, Inc.)

Discussant: Timothy M. Weil (Tandem Behavioral Health & Wellness)

##### **What's the Point? A Behavioral Conceptualization of Valuing**

EVELYN R. GOULD (FirstSteps for Kids, Inc.), Jonathan J. Tarbox (University of Southern California; FirstSteps for Kids)

##### **Moving With Meaning: Examining the Impact of Stimuli With Derived Values Functions on Behavioral Flexibility**

VICTORIA SUMMERS and Nolan Williams (University of Louisiana, Lafayette), Gina Boullion (University of Mississippi), and Emily Kennison Sandoz (University of Louisiana at Lafayette)

## #417 Symposium

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10:00 am–10:50 am  
Hyatt Regency, Mineral Hall A-C  
CSS/PCH; Theory  
BACB CE Offered. CE Instructor: Mitch Fryling, Ph.D.

### **The Culture of Science**

Chair: Genevieve M. DeBernardis (University of Nevada, Reno)

#### **The Google Scholar**

DOMINIQUE STEDHAM and Linda J. Parrott Hayes (University of Nevada, Reno)

#### **Fame and Fortune**

LINDA J. PARROTT HAYES (University of Nevada, Reno)

#### **Editors and the Progress of Science**

MITCH FRYLING (California State University, Los Angeles)

## #418 Symposium

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10:00 am–10:50 am  
Convention Center Mile High Ballroom 1A/B  
DDA/PRA; Service Delivery  
BACB CE Offered. CE Instructor: Timothy Nipe, M.A.

### **Increasing Compliance With Activities of Daily Living and Medically Necessary Procedures**

Chair: James Chok (Melmark Pennsylvania)

#### **Increasing Compliance With Wearing of Multiple Prescription Prosthetics**

TIMOTHY NIPE (Melmark; Endicott College), Arthur Dowdy (Melmark; Temple University), and Jennifer Quigley (Melmark; Chicago School of Professional Psychology)

#### **Effects of Reinforcement and Fading Within a Dental Desensitization Program for Individuals With Autism Spectrum Disorder**

LAUREN CARTER and Jill Harper (Melmark New England)

#### **The Effects of Using a Multi-Component Treatment Package to Increase Independence With Haircutting**

ARTHUR DOWDY (Melmark; Temple University) and Jennifer Quigley (Melmark; The Chicago School of Professional Psychology)

## #419 Symposium

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**Ethics**

10:00 am–10:50 am  
Convention Center Mile High Ballroom 1C/D  
DDA/CSS; Service Delivery  
BACB CE Offered. CE Instructor: Kimberly E. Church, Psy.D.

### **Ethics and the Treatment of Problematic Sexual Behavior in Residential Settings**

Chair: Kimberly E. Church (Human Development Center)

#### **Ethics of Restricting Age-Appropriate Activities to Individuals With Intellectual Disabilities With Harmful Sexual Behavior**

DUNCAN PRITCHARD (Aran Hall School), Veda Richards (The Senad Group), Heather Penney (Aran Hall School), and F. Charles Mace (Aran Hall School)

#### **Overview of a Sexual Behavior Treatment Package Combining Rule Governed and Contingency Shaped Behavioral Interventions**

STEPHANI FAUERBACH, Kimberly E. Church, and Ashley Tomaka (Human Development Center)

#### **Real World Examples of Ethical Code Applications for Behavior Analytic Treatment of Sexual Offending Behavior**

ASHLEY TOMAKA, Kimberly E. Church, and Stephani Fauerbach (Human Development Center)

## #420 Symposium

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10:00 am–10:50 am  
Convention Center 403/404  
EDC/OBM; Service Delivery  
BACB CE Offered. CE Instructor: Christian Sabey, Ph.D.

### **Strategies to Improve the Quality of Service Delivery in School- and Home-Based Services: Novel Approaches to the Development of Parents, Teachers, and Paraprofessionals as Interventionists**

Chair: Shawnee D. Collins (Chrysalis)

**Using Self-Management and Student Feedback to Increase Instructor's Use of Specific Praise in an Out-of-School Time Program**

CADE T. CHARLTON (Brigham Young University), Richard P. West (Utah State University), and Benjamin Lignugaris/Kraft (Utah State University)

**Disseminating Parenting Behavior Skills Through Social Groups in Low Resource Environments: A Pyramidal Training Approach**

BLAKE HANSEN (Brigham Young University)

**Brief, Localized, Intensive, Social Skills Intervention: Training Typical School Personnel to Deliver Social Skills Instruction**

Christian Sabey (Brigham Young University) and REBECCA HARTZELL (University of Arizona)

**#421 Paper Session**

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10:00 am–10:50 am

Hyatt Regency, Mineral Hall D-G

OBM

**Improving Staff Implementations**

Chair: Austin O'Neal (The University of Kansas)

**Staff Consistency of the Implementation of a Token Economy in a Juvenile Detention Center**

(Applied Research)

AUSTIN O'NEAL, Jan B. Sheldon, and James A. Sherman (The University of Kansas) and Pam Weigand (Douglas County Youth Services)

**Treatment Integrity in Special Education Classrooms: A Component Analysis (Service Delivery)**

CAROLYN S. RYAN (Ryan Psychological, P.C.; Reach for the Stars Learning Center)

**#422 Invited Presenter**

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10:00 am–10:50 am

Hyatt Regency, Centennial Ballroom D

OTH; Basic Research

BACB CE Offered. CE Instructor: Rogelio Escobar, Ph.D.

**Electronics and 3D Printing: A Basic Guide for Behavior Analysts**

Chair: Federico Sanabria (Arizona State University)

ROGELIO ESCOBAR (National Autonomous University of Mexico)



Dr. Rogelio Escobar earned a degree in psychology in 2001 and a doctoral degree in behavior analysis in 2007 at the National Autonomous University of Mexico. He was a postdoctoral fellow at West Virginia University from 2008 to 2010. He has been a professor of psychology at the National Autonomous University of Mexico since 2010 and is the current editor of the *Mexican Journal of Behavior Analysis*.

Dr. Escobar has worked on animal and human operant research and has specialized on the history of instruments in experimental psychology and behavior analysis, and the application of new technologies to the development of instruments for operant research.

In 2012 he received the SABA International Development Grant for a project to teach behavior analysts how to use new technologies to build inexpensive equipment for operant research and classroom demonstrations. In 2014 he coedited with Janet Twyman a special issue of the *Mexican Journal of Behavior Analysis* on behavior analysis and technology. In 2016 he started TAC3D, a company that designs and manufactures low-cost 3D-printed operant chambers. He received recognition as National Researcher by the Mexican Council of Science and Technology.

**Abstract:** Most behavior analysts would agree that new technologies can help advancing behavior analysis. It is certainly appealing to integrate new developments in electronics and manufacturing techniques, such as 3d printing, into the study of behavior. Taking the steps to actually do it, however, can be challenging. Selecting the right tools from the vast array of choices and learning how to use them, aside from consuming time and money, could take behavior analysts away from their main interest: the study of behavior. During the time that I have been working with 3D printing and electronics, I have identified inexpensive electronic devices and have encountered and created free-distribution software that are not only readily available but can also be used with minimum effort. In this talk I will describe such components and software and will show how electronics and 3D printing technologies can be combined in the design of simple inexpensive devices that can be used for recording and reinforcing responses in basic or applied settings. The rationale followed to assemble such devices could be extended to integrate other electronic components that could help behavior analysts identify responses and present stimuli in varied and innovative ways.

**Monday, May 29**

## #423 Symposium

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10:00 am–10:50 am  
Convention Center Mile High Ballroom 2A  
PRA/AUT; Service Delivery  
BACB CE Offered. CE Instructor: Carole Ann Deitchman, M.A.

### **Training Staff to Implement Skill Acquisition, Reinforcement, and Data Collection Procedures** Chair: Carole Ann Deitchman (DataPath ABA)

**Training Staff to Implement A Behavior Chain Interruption Procedure Using a Video Model With Voice Over Instruction Plus Feedback**  
REBECCA STINGER, Sharon A. Reeve, Ruth M. DeBar, and Jason C. Vladescu (Caldwell University)

**Evaluating Teacher Implementation of Discontinuous Data Collection in the Classroom**  
SHAWNA UEYAMA, Kate E. Fiske, and Erica M. Dashow (Rutgers University)

**Reducing Error Patterns in Variable Ratio Schedules Using a Programmed Schedule of Reinforcement**  
ERICA M. DASHOW and Stacy Lauderdale-Littin (Rutgers University) and Kimberly Sloman, Robert W. Isenhower, and Meredith Bamond (Douglass Developmental Disabilities Center, Rutgers University)

## #424 Panel Discussion

## Student Committee Event

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10:00 am–10:50 am  
Convention Center 304  
TBA; Applied Research

### **Professional Development Series: Applied Behavior Analysis Outside of Autism**

Chair: Jennifer Lynn Mrljak (Western Michigan University)  
WILLIAM M. BAUM (University of California, Davis)  
RAYMOND G. MILTENBERGER (University of South Florida)  
RON VAN HOUTEN (Western Michigan University)

## #425 B. F. Skinner Lecture Series

## Recorded Session

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10:00 am–10:50 am  
Convention Center Four Seasons Ballroom 4  
VRB; Theory  
PSY/BACB CE Offered. CE Instructor: Judah B. Axe, Ph.D.

### **The Social and Cognitive Foundations of Language Acquisition**

Chair: Judah B. Axe (Simmons College)

PAUL IBBOTSON (The Open University)



Paul Ibbotson studied geology for three years and then linguistics for a further year. After several more unwise and eccentric decisions he gained his Ph.D. in developmental psychology from the Max Planck Child Study Centre at the University of Manchester, UK. He currently works at The Open University teaching and researching psychology.

**Abstract:** Usage-based theories see language as a complex adaptive system: the interaction between history the processes that shape how languages are passed from one generation to the next and human psychology the set of unique social and cognitive capacities that allow generations to learn a language in the first place. I will argue that findings from language acquisition research, typology, and psycholinguistics are converging on the idea that language is fundamentally built out of use and generalizations over those usage events. Interestingly, none of the fundamental mechanisms of the usage-based approach are required to be a language-specific adaptation. Language shows creativity, categories, and recursion because people think creatively, categorically, and recursively. I will discuss a range of experimental, corpus and observational work showing that understanding the developmental of language acquisition can benefit from integrating the developmental of non-linguistic faculties, such as executive control, categorization and social-reasoning.

## #426 Symposium

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10:00 am–11:50 am

Convention Center Mile High Ballroom 3C

AUT/CBM; Applied Research

BACB/QABA CE Offered. CE Instructor: Jonathan K Fernand, M.A.

### **Examining Treatment Procedures for Feeding Problems Exhibited by Children With and Without Diagnoses**

Chair: Jonathan K. Fernand (University of Florida)

Discussant: Kathryn M. Peterson (University of Nebraska Medical Center)

#### **Reduction of Rapid Eating in an Adolescent Female With Autism**

Scott Page, KRISTIN GRIFFITH, and Becky Penrod (California State University, Sacramento)

#### **A Comparison of Simultaneous Versus Sequential Meal Presentation With Picky Eaters**

COLLEEN WHELAN and Becky Penrod (California State University, Sacramento)

#### **Evaluation of Extinction in the Treatment of Food Selectivity**

JESSICA FOSTER JUANICO (The University of Kansas); Joseph D. Dracobly (Eastern Connecticut State University); and Claudia L. Dozier, Pamela L. Neidert, and Bertilde U. Kamana (The University of Kansas)

#### **An Evaluation of Generalization in the Treatment of Food Selectivity**

JONATHAN K FERNAND (University of Florida), Varsovia Hernandez (Universidad Veracruzana), and Timothy R. Vollmer (University of Florida)

## #427 Symposium

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10:00 am–11:50 am

Convention Center Mile High Ballroom 4A

AUT/DDA; Service Delivery

BACB/QABA CE Offered. CE Instructor: Smita Awasthi, M.S.

### **Verbal Behavior and Behavioral Interventions to Treat Articulation and Speech Sound Disorders in Children With Autism**

Chair: Smita Awasthi (Behavior Momentum India)

Discussant: Mark L. Sundberg (Sundberg and Associates)

#### **Using Sufficient Response Exemplar Training to Address Speech Sound Disorders in Children With Autism**

SMITA AWASTHI and Sridhar Aravamudhan (Behavior Momentum India) and Vidushi Sharma (ABA India)

#### **Improving Speech Production Skills in a Child With Autism and Apraxia of Speech Using Phonetic Hand Cues**

TAMARA S. KASPER and Laura Biver (The Center for Autism Treatment)

#### **Fluency Training Interventions to Address Speech Sound Disorders and Articulation in Children With Autism**

SRIDHAR ARAVAMUDHAN and Smita Awasthi (Behavior Momentum India)

#### **Collaborate To Win! Behavioral and Speech-Language Perspectives on Treatment of Speech Disorders**

Smita Awasthi and Sridhar Aravamudhan (Behavior Momentum India) and VIDUSHI SHARMA (ABA India)

## #428 Symposium

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10:00 am–11:50 am

Convention Center Mile High Ballroom 3B

AUT/PRA;

BACB CE Offered. CE Instructor: Shahla Ala'i-Rosales, Ph.D.

### **Momentary and Systems Measurement in Autism Treatment**

Chair: Shahla Ala'i-Rosales (University of North Texas)

Discussant: Richard G. Smith (University of North Texas)

#### **Finding Pathways: Measurements Guiding Effective and Compassionate Services for the Traditionally Underserved**

CHRISTINE GIBSON (Easter Seals North Texas); Shahla Ala'i-Rosales and Jesus Rosales-Ruiz (University of North Texas); and Rachael E. White, Aria Dean, Naureen Surti, Lacey Yates, and Crystal Finley (Easter Seals North Texas)

#### **A Sequential Analysis of Therapeutic Interactions During Behavioral Interventions**

JADE WEIR (University of North Texas), Rachael E. White (Easter Seals North Texas), and Shahla Ala'i-Rosales and Jesus Rosales-Ruiz (University of North Texas)

**Observation and Analysis of Quality Indicators During Caregiver Daily Living Activities**

LINDSEY LINETTE LAMBERT, Isabel L. Cunningham, April Linden, Shahla Ala'i-Rosales, and Jesus Rosales-Ruiz (University of North Texas); Rachael E. White (Easter Seals North Texas); Joseph H. Cihon (Autism Partnership Foundation; Endicott College); and Nina Hunt (University of North Texas)

**A Systemic Observation Protocol for Monitoring the Behavioral Health of an Intervention Program**

APRIL LINDEN (University of North Texas); Aria Dean (Easter Seals North Texas); and Isabel L. Cunningham, Jade Weir, Shahla Ala'i-Rosales, and Jesus Rosales-Ruiz (University of North Texas)

**#429 Symposium**

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10:00 am–11:50 am

Convention Center Mile High Ballroom 4C/D

AUT; Service Delivery

BACB CE Offered. CE Instructor: Rebecca P. F. MacDonald, Ph.D.

**Catchen' 'em Early: Does it Really Matter?**

Chair: Ivy M. Chong Crane (Florida Institute of Technology; The Scott Center for Autism Treatment)

Discussant: Rebecca P. F. MacDonald (The New England Center for Children)

**Symptom Onset and Intervention for Infant Siblings of Children Diagnosed With Autism**

TAMLYNN DIANNE GRAUPNER and Glen O. Sallows (Wisconsin Early Autism Project)

**Ameliorating Warning Signs of ASD in Infants and Toddlers**

IVY M. CHONG CRANE (Florida Institute of Technology; The Scott Center for Autism Treatment);

Keira Washington, Emily Crochet, and Courtney Hannula (Florida Institute of Technology); and Corina

Jimenez-Gomez (Florida Institute of Technology; The Scott Center for Autism Treatment)

**A Treatment Model for Providing EIBI in Albania**

LYNN C. BRENNAN (independent behavioral consultant) and Jamie Hughes-Lika (Summit Autism Services)

**Outcomes and Patterns of Learning for Toddlers With ASD**

DIANA PARRY-CRUWYS and Rebecca P. F. MacDonald (The New England Center for Children)

**#430 Symposium**

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10:00 am–11:50 am

Convention Center Mile High Ballroom 4E/F

AUT/BPN; Service Delivery

BACB CE Offered. CE Instructor: John W. Eshleman, Ed.D.

**Effects of Complementary and Alternative Medicine (CAM) on Behavior and ABA Service Delivery: Helpful or Harmful**

Chair: Bradley G. Frieswyk (BGF Performance Systems, LLC)

Discussant: John W. Eshleman (The Chicago School of Professional Psychology)

**The Familiar Dilemma of Parent Initiated Complementary and Alternative Medicine in Conjunction With ABA Therapy**

NICOLE ANN CISSELL, Amy DeRusha, and Bradley G. Frieswyk (BGF Performance Systems)

**Observations and Data From an ABA Provider Before, During, and After Prednisone Treatment**

AMY DERUSHA, Nicole Ann Cissell, and Bradley G. Frieswyk (BGF Performance Systems)

**#431 Symposium**

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10:00 am–11:50 am

Convention Center Four Seasons Ballroom 1

DDA; Applied Research

BACB CE Offered. CE Instructor: Jennifer Quigley, M.A.

**Variations of Functional Analyses: Examining the Role of Procedures, Implementers and Language on Outcomes**

Chair: Jennifer Quigley (Melmark; The Chicago School of Professional Psychology)

Discussant: Andrew W. Gardner (University of Arizona, College of Medicine)

**Parent Implementation of Functional Analyses and Treatment Analyses in a Residential Setting**

AMANDA FINLAY (Melmark; Temple University) and Jennifer Quigley (Melmark; The Chicago School of Professional Psychology)

**A Comparison of Staff-Run and Parent-Run Trial-Based Functional Analyses**

COURTNEY ERKER (University of Cincinnati; Continuum Autism Spectrum Alliance), Emily White (Continuum Autism Spectrum Alliance), and Dacia McCoy (University of Cincinnati)

**Teacher-Implemented Trial-Based Functional Analyses for Students With Emotional/Behavioral Disorders**

Timothy Flanagan, Ruth M. DeBar, April N. Kisamore, Sharon A. Reeve, Kenneth F. Reeve, Tina Sidener, and DOUGLAS KUPFERMAN (Caldwell University)

**Evaluation of Implementation Language on Functional Analyses Outcomes**

KERRY SHEA, Tyra P. Sellers, Samantha Corralejo, and Jason Lee (Utah State University)

### #432 Symposium

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10:00 am–11:50 am

Hyatt Regency, Centennial Ballroom E

EAB/DDA

BACB CE Offered. CE Instructor: Nicole M. DeRosa, Psy.D.

#### **Translational and Applied Research on Response Relapse**

Chair: Nicole M. DeRosa (State University of New York, Upstate Medical University)

Discussant: Timothy A. Shahan (Utah State University)

##### **Delivering Alternative Reinforcement in a Distinct Context Reduces Its Contra-Therapeutic Effects on Resurgence**

ANDREW R. CRAIG and Paul Cunningham (Utah State University), Maggie Sweeney (Johns Hopkins University School of Medicine), Timothy A. Shahan (Utah State University), and John A. Nevin (University of New Hampshire)

##### **Resurgence and Response Variability During Challenges to Treatment**

VALDEEP SAINI (Upstate Medical University), William Sullivan (Syracuse University), Nicole M. DeRosa (State University of New York, Upstate Medical University), and Henry S. Roane (Upstate Medical University)

##### **Applied and Translational Evaluations of Context Renewal**

HENRY S. ROANE (Upstate Medical University), William Sullivan (Syracuse University), Valdeep Saini (Upstate Medical University), and Nicole M. DeRosa (State University of New York, Upstate Medical University)

##### **Examination of Renewal and Its Mitigation**

MICHAEL E. KELLEY (Florida Institute of Technology; The Scott Center for Autism Treatment) and Andrew Morgan, Brandy Hinkle, Alex Forton, Ryan Kimble, and Shannon Harris (Florida Institute of Technology)

### #433 Symposium

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10:00 am–11:50 am

Hyatt Regency, Centennial Ballroom A

EAB/AAB; Basic Research

#### **Mexican Web for Animal Behavior Research: The Parametric Perspective**

Chair: Mario Serrano (Universidad Veracruzana)

Discussant: ISAAC CAMACHO (Universidad Nacional Autónoma de México-Iztacala)

##### **Effects of a “Distracting Activity” on Self-Controlled Eating Behavior**

RAUL AVILA and Brenda Estela Ortega (National Autonomous University of Mexico)

##### **Relative Time and Food Accumulation: Exploring the Inter-Reinforcers Interval Effect**

CARLOS JAVIER FLORES AGUIRRE AGUIRRE and Rebeca Mateos Morfin Morfin (Universidad de Guadalajara) and Peter R. Killeen (Arizona State University)

##### **Varying the Duration of the Reinforcement-Related Stimulus in a Temporally Defined Schedule**

CARLOS TORRES, Enrique Hernández, and Luis Hernando Silva Castillo Castillo (Universidad de Guadalajara)

##### **Water, Food and Physical Dimension of Signals in Conditional Discrimination**

MARIÓ SERRANO and Selene Blanco (Universidad Veracruzana)

### #434 Symposium

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10:00 am–11:50 am

Hyatt Regency, Centennial Ballroom B/C

EAB/CBM; Service Delivery

BACB CE Offered. CE Instructor: Kenneth Shamlian, Psy.D.

#### **Quantitative Modeling of Choice Behavior and Extensions to Caregivers of Children With Challenging Behavior**

Chair: Kenneth Shamlian (University of Rochester School of Medicine)

Discussant: Amy Odum (Utah State University)

##### **A Qualitative Comparison of Quantitative Models of Economic Demand**

LINDSAY LLOVERAS, Jason C. Bourret, and Joshua Jackson (The New England Center for Children)

##### **Effects of Standardizing the k Parameter in the Exponential Model of Demand**

JOSHUA JACKSON, Jason C. Bourret, and Lesleigh Ann Craddock (The New England Center for Children)

Monday, May 29



**The Impact of Delays to Treatment Success on Perceptions of Interventions for Problem Behavior**  
MINDY CHRISTINE SCHEITHAUER (Emory University; Marcus Autism Center), Christina Simmons (University of Georgia; Munroe-Meyer Institute), Nathan Call (Emory University; Marcus Autism Center), and Jamieson Ekstrom (Marcus Autism Center)

**Temporal Discounting of Delayed Treatment Effects in Caregiver-Mediated Therapy**  
KENNETH SHAMLIAN (University of Rochester School of Medicine) and Shawn Patrick Gilroy (National University of Ireland, Galway)

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#### #435 Symposium

10:00 am–11:50 am  
Convention Center 406/407  
EDC

BACB CE Offered. CE Instructor: Jeanne M. Donaldson, Ph.D.

##### **Group Contingencies in Classroom Settings**

Chair: Jeanne M. Donaldson (Louisiana State University)

Discussant: Jennifer L. Austin (University of South Wales)

##### **An Evaluation of Feedback on the Effectiveness of the Good Behavior Game in Preschool Classrooms**

KATIE WISKOW (California State University, Stanislaus), Ashley Matter (Texas Tech University), and Jeanne M. Donaldson (Louisiana State University)

##### **A Component Analysis and Evaluation of the Good Behavior Game in a Preschool Classroom**

ELIZABETH FOLEY and Claudia L. Dozier (The University of Kansas), Amber Lessor (Summit Behavioral Services), and Shannon Altmeyer and Aneesah Smith (The University of Kansas)

##### **An Evaluation of Group Contingencies in Classroom Wide Behavior Management Programs**

KAYLA CROOK, Joel Eric Ringdahl, and Christopher Taylor (University of Georgia)

##### **Evaluation of the Good Behavior Game With High School Students in an Alternative School**

P. RAYMOND JOSLYN, Timothy R. Vollmer, and Faris Rashad Kronfli (University of Florida)

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#### #436 Symposium

10:00 am–11:50 am  
Convention Center Mile High Ballroom 2B  
PRA/DDA; Service Delivery

##### **On Using Modern Technology Along the Basic and Applied Research Continuum: Why and How Technology Can Be Used in Your Research**

Chair: Brent Kaplan (The University of Kansas)

Discussant: David J. Cox (University of Florida)

##### **On the Use of Leveraging Open-Source Software for a More Efficient Research Workflow**

BRENT KAPLAN (The University of Kansas) and Mikhail Koffarnus (Virginia Tech Carilion Research Institute)

##### **From “Low-Tech” to “High-Tech”: Accessibility and Integration of Open-Source Technologies for Clinicians and Researchers**

SHAWN PATRICK GILROY (National University of Ireland)

##### **Health Behavior Research Using Portable Behavior Monitors**

TRITON ONG (University of Florida)

##### **Cost-Effective Technologies in the Basic Lab: Experimental Evaluations Using the Madagascar Hissing Cockroach (*Gromphadorhina portentosa*)**

DANIEL GRISHAM and Mark R. Dixon (Southern Illinois University)

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#### #437 Invited Presenter

11:00 am–11:50 am  
Hyatt Regency, Centennial Ballroom D  
AAB; Theory  
PSY/BACB CE Offered. CE Instructor: Clive Wynne, Ph.D.

##### **What, if Anything, Is Special About Dogs?**

Chair: Valeri Farmer-Dougan (Illinois State University)

CLIVE WYNNE (Arizona State University)



Dr. Wynne was born and raised on the Isle of Wight, off the south coast of England, studied at University College London, and got his Ph.D. at Edinburgh University before setting off on his travels. After time at the Ruhr-Universität Bochum, Duke University, Universität Konstanz, the University of Western Australia, and the University of Florida, he came to Arizona State University in 2013. Over the years he has studied the behavior of many species, ranging from pigeons to dunnarts (a small mouse-like marsupial), but some years ago found a way to meld a childhood love of dogs with his professional training and now studies and teaches the behavior of dogs and their wild relatives.

**Abstract:** Since the resurgence of interest in dog behavior in 1998, many claims have been made for unique social-cognitive skills in dogs. I will briefly review available evidence that dogs are able to respond to human behavior in ways that are not available to other nonhuman species. I conclude there is no well-established finding regarding dog's social-cognitive behavior that cannot be accounted for with species-general learning mechanisms. Notwithstanding an absence of special social-cognitive skills, the most informal interaction with dogs suggests that there is something remarkable about their motivation to interact with people. I review several lines of evidence that indicate that during domestication dogs became much more motivated to interact with members of other species and more reinforced by that interaction. This started with Pavlov who noted a "social reflex" in his dogs and continues to the present day in a range of studies. I will consider dogs' play behaviors, proximity seeking to a human, and even studies of what behaviors lead dogs to getting adopted. In conclusion, the notion of the dog as "man's best friend" may be a cliché, but it is a stereotype with some observable behavior behind it.

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#### #438 Panel Discussion

11:00 am–11:50 am  
Convention Center Four Seasons Ballroom 2/3  
AUT; Applied Research  
BACB CE Offered. CE Instructor: Alyssa N. Wilson, Ph.D.

#### **This Ain't Your Granddaddy's Behavior Analysis: Using Derived Relational Responding to Supercharge Autism Treatment**

Chair: Alyssa N. Wilson (Saint Louis University)

MARK R. DIXON (Southern Illinois University)  
JONATHAN J. TARBOX (FirstSteps for Kids)  
JOSHUA K. PRITCHARD (Florida Institute of Technology)

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#### #439 Symposium

11:00 am–11:50 am  
Hyatt Regency, Capitol Ballroom 5-7  
CBM  
BACB CE Offered. CE Instructor: Jordan Belisle, M.S.

#### **Developing and Evaluating Behavioral Models of Gambling Behavior: Implications for the Prevention and Treatment of Disordered Gambling**

Chair: Jordan Belisle (Southern Illinois University)

##### **The Social and Economic Impact of Gambling in Tasmania 2011: Pathways Model Analysis**

DARREN R. CHRISTENSEN (University of Lethbridge), Alun Jackson (University of Melbourne), Nicki Dowling (Deakin University), and George Yosseuf (Monash University)

##### **Analysis of Human Adjunctive Behavior and Persistence During a Simulated Gambling Task**

MARK JUSTIN RZESZUTEK and Benjamin N. Witts (St. Cloud State University)

##### **A Behavioral Economic Analysis Towards Cue-Elicited Exposure on Gambling Cravings**

TYLER S GLASSFORD and Alyssa N. Wilson (Saint Louis University)

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#### #440 Symposium

11:00 am–11:50 am  
Hyatt Regency, Capitol Ballroom 4  
CBM/CSS; Service Delivery

#### **Choice, Healthy Eating, and Functional Analysis Training**

Chair: Ellie Kazemi (California State University, Northridge)

##### **The Effects of Reinforcer Choice on Responding as a Function of Ratio Requirements and Task Difficulty**

KATHARINE GUTSHALL (Melmark)

##### **Obesity and Healthy Living: Can Antecedent Interventions Alter College Students' Snack Selections?**

SHIR ZION and Ellie Kazemi (California State University, Northridge)

##### **Using Simulation-Based Training and e-Learning to Teach Students How to Conduct Functional Analyses**

MICHAEL ARAGON, Ellie Kazemi, Victor Ramirez, and Vahe Esmaeili (California State University, Northridge)

## #441 B. F. Skinner Lecture Series

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11:00 am–11:50 am  
Hyatt Regency, Mineral Hall D-G  
CSS; Service Delivery  
PSY/BACB CE Offered. CE Instructor: Todd A. Ward, Ph.D.

### **Disruption and the Impact of Creating a New Future and New Opportunities**

Chair: Todd A. Ward (bSci21 Media, LLC)

AMY COSPER (RadicalUpstarts)



Amy Cospers is the former editor in chief of *Entrepreneur* magazine and the CEO of RadicalUpstarts. She has been reporting and commenting on the world of entrepreneurship for 12 years. Cospers is an evangelist for innovation and disruption around the globe. She is keenly aware of the power of entrepreneurship on a cultural and economic level. Her mission is to spread the word and promise of these philosophies on a global scale and to make an impact by teaching these ideas. Cospers is currently working on a book and a documentary that explore the deep economic and cultural impact heralded by the global entrepreneurship movement. She is an

award-winning editor and writer and strongly adheres to the idea that “on the other side of your fear, is your success.” And she would know, since she rides a Ducati and only does sports that require a helmet.

**Abstract:** Disruption is the act of changing cultural practices, and introducing new practices, that involve a greater emphasis on social responsibility and sustainability. I will discuss several facets of disruption as it pertains to entrepreneurship. First, I will provide an overview of disruption itself and why it matters, along with case studies from the entrepreneurial world. Secondly, I will address what many consider to be the primary obstacle to disruption, and to entrepreneurship, which is failure, or more precisely, the fear of failure, and strategies that others have used in the past to remove failure as an obstacle to success. I will also discuss how disruption can take place anywhere, and in any industry, toward the improvement of the human condition. Lastly, I will discuss characteristics that comprise the disruptive leader, along with common challenges such leaders face and the outcomes to which they strive.

## #442 Panel Discussion

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11:00 am–11:50 am  
Convention Center Mile High Ballroom 1C/D  
DDA; Applied Research  
BACB CE Offered. CE Instructor: Vivian A. Attanasio, M.S.

### **Bridging the Gap: Strategies for Increasing Social Validity, Treatment Fidelity, and Interdisciplinary “Buy-In” in Clinical Settings**

Chair: Amy Rachel Bukszan (Services for the Underserved)

WILLIAM SHEA (Services for the UnderServed)  
FRED FRANCOIS (Services for the UnderServed)  
JOHN LAMPEN (Services for the UnderServed)

## #443 Symposium

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11:00 am–11:50 am  
Convention Center Mile High Ballroom 1A/B  
DDA/AUT; Applied Research  
BACB/QABA CE Offered. CE Instructor: M. Fernanda Welsh, M.S.

### **Recent Research in Skill Acquisition Programs to Teach Social and Safety Skills to Children With Autism and Other Developmental Disabilities**

Chair: M. Fernanda Welsh (The ABRITE Organization)

#### **Teaching Sensory Perspective to Children With Autism Spectrum Disorder**

M. FERNANDA WELSH (The ABRITE Organization), Adel C. Najdowski (Pepperdine University), and Danielle Strauss and Lindabeth Gallegos (The ABRITE Organization)

#### **Preschool Life Skills: A Systematic Replication With Children With Developmental Disabilities**

MELINDA ROBISON and Tracie B. Mann (Child Study Center) and Einar T. Ingvarsson (University of North Texas)

#### **It’s Not Always a Stranger That’s the Danger: A Safe-Word Intervention for Abduction Prevention in Children With Autism Spectrum Disorders**

CHELSEE RODRIGUEZ and Marianne L. Jackson (California State University, Fresno)

#### #444 Symposium

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11:00 am–11:50 am  
Convention Center 403/404  
EDC/PRA; Applied Research  
BACB CE Offered. CE Instructor: Andrew Bulla, M.A.

##### **The Role of Peer Influence in Classroom Interventions**

Chair: Wendy A. Machalicek (University of Oregon)  
Discussant: Chaturi Edrisinha (St. Cloud State University)

##### **The Effects of a Peer Feedback Treatment Package on Math Performance for Students With Moderate Cognitive Impairments**

ALLAINA SHELTRON and Jessica E. Frieder (Western Michigan University)

##### **Self-Management as a Class-Wide Intervention: An Evaluation of the “Self & Match” System Embedded Within Group Contingencies**

ANDREW BULLA and Jessica E. Frieder (Western Michigan University)

#### #445 Paper Session

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11:00 am–11:50 am  
Convention Center 405  
EDC

##### **Do Function-Based Assessments in Schools Lead to Effective Function-Based Interventions?**

Chair: Robert C. Pennington (University of Louisville)

##### **The Generality of Functional Assessment Based Interventions for Students With Emotional/Behavioral Disorders: Alotta Bucks, but Where’s the Bang** (Applied Research)

JONATHAN BURT and Robert C. Pennington (University of Louisville)

##### **The Effect of Functional Behavioral Assessment on School Based Interventions: Meta-Analysis of Single-Case Research** (Service Delivery)

TERYN BRUNI (University of Michigan Health System) and Daniel Drevon, Michael D. Hixson, and Robert Wyse (Central Michigan University)

#### #446 Panel Discussion

Supervision

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11:00 am–11:50 am  
Hyatt Regency, Granite  
OBM: Service Delivery  
BACB CE Offered. CE Instructor: Nicole Gravina, Ph.D.

##### **Analyzing and Improving Complex Employee Behaviors in Human Service Organizations**

Chair: Heather M. McGee (Western Michigan University)

KAREN R. WAGNER (Behavior Services of Brevard, Inc and TheBehaviorAnalyst.com)

HEATHER M. MCGEE (Western Michigan University)

NICOLE GRAVINA (Florida Institute of Technology)

#### #447 Panel Discussion

Student Committee Event

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11:00 am–11:50 am  
Hyatt Regency, Centennial Ballroom F/G  
PCH; Theory

##### **Professional Development Series: The Importance of Philosophical Assumptions in Behavior Analysis: Applications for Researchers and Practitioners**

Chair: William Root (Southern Illinois University Carbondale)

JAY MOORE (University of Wisconsin–Milwaukee)

MITCH FRYLING (California State University, Los Angeles)

DAVID C. PALMER (Smith College)

Monday, May 29

11:00 am–11:50 am  
 Convention Center Four Seasons Ballroom 4  
 PCH; Theory  
 PSY/BACB CE Offered. CE Instructor: William M. Baum, Ph.D.

### **Toward a Behavioral Analysis of B. F. Skinner's Philosophical Discourse**

Chair: William M. Baum (University of California, Davis)

MICHAEL T. GHISELIN (California Academy of Sciences)



Michael Ghiselin was born in Salt Lake City on May 13, 1939. His doctoral dissertation at Stanford University dealt with the evolution of sea-slugs based on a functional analysis of the reproductive system. That research got him interested in various aspects of the philosophy of biology, especially the theory of classification. His first book, *The Triumph of the Darwinian Method*, was based on a conceptual analysis of Darwin's publications. Published in 1969, it was awarded the Pfizer Prize of the History of Science Society. He is author of *The Economy of Nature and the Evolution of Sex* (1974) and *Metaphysics and the Origin of Species* (1997). Recent

research projects include studies on the evolution of chemical defense and of the senses of taste and smell in marine animals.

**Abstract:** Scientific research can be studied as investigative behavior. That involves inventing problems as well as solving them. It also involves finding better ways to do one's work. That activity has sometimes been called philosophy. Skinner himself said that behaviorism is a philosophy. I would add that the philosophy was part of a scientific research program. Skinner complained that his critics failed to understand his position, which was based on a hard analogy (not a metaphor) between the processes of learning and evolution by natural selection. Right thinking in the one provides clues to right thinking in the other. The advantage of getting rid of teleology in both is fairly straight-forward. Skinner paid less attention to the importance of getting rid of typological (essentialist) thinking about species and other groups of organisms. These have been treated as if they were abstract classes with essences rather than as concrete wholes. Variation has been screened out and persons have been treated as tokens of stereotypes. One result has been a misguided search for universals of human behavior.

### **#449 Symposium**

11:00 am–11:50 am  
 Convention Center Mile High Ballroom 2C  
 PRA/AUT; Applied Research  
 BACB CE Offered. CE Instructor: John M. Guercio, Ph.D.

### **Using Behavior Analytic Interventions to Increase Physical Activity and Decrease Maladaptive Behaviors in Children and Adults**

Chair: Gabrielle Trapenberg Torres (Behavior Basics LLC)

#### **The Effects of Choice on Exercise Duration in Young Children**

HEATHER WALDRON (California Autism Center and Learning Group), Marianne L. Jackson (California State University, Fresno), and Amanda C. Nicolson (California Autism Center & Learning Group)

#### **Observational Learning and Physical Activity in Children With Autism Spectrum Disorders**

BHAWANDEEP KAUR BAINS and Marianne L. Jackson (California State University, Fresno)

#### **Impacting Exercise Behavior in Adults With High Risk Aggressive Behavior: Using Existing Incentive Based Programming to Target Low Preference Health Targets**

John M. Guercio (Benchmark Human Services) and BRANDON MAY (Washington University in St. Louis)

### **#450 Paper Session**

11:00 am–11:50 am  
 Convention Center Mile High Ballroom 2A  
 PRA

### **Contextual Issues in Staff Training**

Chair: Mamie Thompson (University of Utah)

#### **Intervention Implementation With Fidelity: Best Practices in Staff Training Through Behavioral Teleconsultation (Service Delivery)**

MAMIE THOMPSON, Bradley Bloomfield, Racheal Clark, and Aaron J. Fischer (University of Utah)

#### **Creating a Verbal Community for Describing Emotional Responses Within a Contingency Lens: The Effects of a Brief Training Workshop (Applied Research)**

REGAN GARDEN, Shahla Susan Ala'i-Rosales, Jesus Rosales-Ruiz, Lucero Neri, and Isabel L. Cunningham (University of North Texas)

## #451 Panel Discussion

Supervision

11:00 am–11:50 am  
Convention Center 304  
TBA; Service Delivery  
BACB CE Offered. CE Instructor: Linda S. Heitzman-Powell, Ph.D.

### Supervision and Training of BCBA Candidates in Home and Community Field Study Settings

Chair: Linda S. Heitzman-Powell (The University of Kansas Medical Center)

JANA M. SARNO (Autism Home Support Services)  
KATRINA OSTMEYER (Integrated Behavioral Technologies, Inc.)  
SUMMER LEFEBVRE (University of Alaska, Anchorage Center for Child Health and Development)

## #452 Symposium

11:00 am–11:50 am  
Convention Center 401/402  
TBA/EAB  
BACB CE Offered. CE Instructor: Christina M. King, Ph.D.

### Novel Applications of Equivalence-Based Procedures

Chair: Megan Breault (RCS Learning Center; Simmons College)

#### The Effects of Reinforcement on the Formation of Equivalence Classes Following Errorless and Trial-and-Error Teaching

RUSSELL W. MAGUIRE (Simmons College), Christina M. King (RCS Learning Center; Simmons College), Colleen Yorlets (RCS Behavioral & Educational Consulting; Simmons College), and Megan Breault (RCS Learning Center; Simmons College)

#### Formation of Equivalence Classes Trained via a Learning Management System for Direct Staff

CHRISTINA M. KING (RCS Learning Center; Simmons College), Russell W. Maguire (Simmons College), Megan Breault (RCS Learning Center; Simmons College), and Colleen Yorlets (RCS Behavioral & Educational Consulting; Simmons College)

#### The Differential Outcomes Effect as a Function of Stimulus Complexity

COLLEEN YORLETS (RCS Behavioral & Educational Consulting; Simmons College), Russell W. Maguire (Simmons College), and Christina M. King and Megan Breault (RCS Learning Center; Simmons College)

## #453 Symposium

11:00 am–11:50 am  
Convention Center Mile High Ballroom 3A  
VRB/AUT  
BACB CE Offered. CE Instructor: Lee L. Mason, Ph.D.

### The Verbal Behavior Stimulus Control Ratio Equation: A Quantification of Language

Chair: Don Davis (University of Texas at San Antonio)

#### A Review of Participant Descriptions in the Verbal Behavior Literature

GABRIELA RIVERA (University of Texas at San Antonio) and Victoria Rodriguez Garcia (Utah State University)

#### The Verbal Behavior Stimulus Control Ratio Equation: A Quantification of Language

LEE L. MASON (University of Texas at San Antonio)

#### Referent-Based Verbal Behavior Instruction: Errorless Language Learning

ALONZO ALFREDO ANDREWS (University of Texas at San Antonio)

## #454 Poster Session

12:00 pm–3:00 pm  
Convention Center, Exhibit Hall D  
BPN  
Chair: Brian D. Kangas (Harvard Medical School)

*Discussant: Meredith Steele Berry (Johns Hopkins University School of Medicine)*

**1. Examination of Consumption in the Long-Term Effects of Early-Life Diet** (EAB; Applied Research)  
DANTON SHOEMAKER and Paul L. Soto (Texas Tech University)

**2. Drug Use and Performance in a Therapeutic Workplace Program for Unemployed Adults With Histories of Injection Drug Use** (OBM; Applied Research) SHRINIDHI SUBRAMANIAM, August F. Holtyn, and Brantley Jarvis (Johns Hopkins University School of Medicine); Mikhail Koffarnus (Virginia Tech Carilion Research Institute; Johns Hopkins University School of Medicine); and Kenneth Silverman (Johns Hopkins University School of Medicine)

Monday, May 29

**3. Temporal Bisection and Effects of d-Amphetamine in Lewis and Fischer 344 Rats** (EAB; Basic Research) MARISSA TURTURICI and Karen G. Anderson (West Virginia University)

**4. Musical Training Through Operant Selection: A Neurobehavioral Study** (Basic Research) KIMBERLY G. VAIL and Daniele Ortu (University of North Texas)

**5. Nicotinic and Muscarinic Antagonism Affects Delay Discounting in Lewis and Fischer 344 Rats** (Basic Research) JENNY OZGA and Karen G. Anderson (West Virginia University)

**6. In Vitro Analogues of Operant Conditioning in Aplysia: Neural Mechanisms of Learning** (PCH; Theory) RENAN COSTA (University of Texas Health Science Center at Houston)

**7. Self-Administration of Benzodiazepine and Cocaine Combinations by Monkeys in a Choice Procedure: Role of GABA-A Receptor Subtypes** (EAB; Basic Research) SALLY L. HUSKINSON and Kevin B. Freeman (University of Mississippi Medical Center) and James K. Rowlett (University of Mississippi Medical Center; Tulane National Primate Research Center)

**8. Behavioral Variability and Self-Reported Stimulant Use** (EAB; Basic Research) TED ALLAIRE and Claudia Drossel (Eastern Michigan University)

**9. Oral Midazolam Consumption Using a Two-Bottle Choice Procedure in C57BL/6 Mice** (Basic Research) MEAGAN ELIZABETH FOLLETT (University of Mississippi Medical Center) and James K. Rowlett (University of Mississippi Medical Center; Tulane National Primate Research Center)

**10. Leave the Knife on the Table** (CSS; Applied Research) SHEILA M. CORNELIUS (Washington ABA)

**11. List Learning in Rats: Effects of MK-801** (EAB; Basic Research) JALEEL MCNEIL, Michael Mathews, Madeleine Mason, and Mark Galizio (University of North Carolina Wilmington)

#### #455 Poster Session

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12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

EAB

Chair: Ryan Sain (Northwest Autism Center)

*Discussant: Matt Locey (University of Nevada, Reno)*

**13. Does Resurgence Occur When It Is Incompatible With the Current Reinforcement Contingency?** (Basic Research) CHRISTOPHER MATTHEW OHEARN, Tyler Nighbor, and Kennon Andy Lattal (West Virginia University)

**14. Effects of Treatment-Phase Durations on Subsequent Resurgence** (Basic Research) CLAUDIA C DIAZ-SALVAT, Claire C. St. Peter, and Kathryn M. Kestner (West Virginia University)

**15. Resurgence in the Absence and Presence of Context Change** (Basic Research) ABIGAIL BLACKMAN, Regina Nastri, Melinda Galbato, and Christopher A. Podlesnik (Florida Institute of Technology)

**16. A Parametric Examination on Stimulus Condition Lengths in Resurgence** (Basic Research) JAMES E. KING (University of Nevada, Reno; SEEK Education) and Jeanette Verdin and Linda J. Parrott Hayes (University of Nevada, Reno)

**17. Resurgence and Reinstatement after Extinction, Differential-Reinforcement-of-Other-Behavior, and Time Schedules of Reinforcement** (Basic Research) JAMES E. COOK (University of Mississippi Medical Center) and James K. Rowlett (University of Mississippi Medical Center; Tulane National Primate Research Center, Tulane University School of Medicine)

**18. Analysis of Response Reinstatement Using Qualitatively Different Reinforcers** (Basic Research) Olga Maria Dionisio and ALICIA ROCA (National Autonomous University of Mexico)

**19. Assessing the Combined Effects of Resurgence and Renewal** (AUT; Applied Research) MADELEINE DIANE KEEVY and Stephanie Wathen (Florida Institute of Technology), Kacie McGarry (The Scott Center for Autism Treatment), Melinda Gabafo and Sandhya Rajagopal (Florida Institute of Technology), Michael E. Kelley (The Scott Center for Autism Treatment, Florida Institute of Technology), and Christopher A. Podlesnik (Florida Institute of Technology)

**20. Resurgence With ABA and ABB Context Changes in Children With Autism Spectrum Disorder in an Automated Touchscreen Computer Task** (AUT; Applied Research) KARLI SILVERMAN (Florida Institute of Technology), Corina Jimenez-Gomez (The Scott Center for Autism Treatment, Florida Institute of Technology), Toshikazu Kuroda (Aichi Bunkyo University), and Christopher A. Podlesnik (Florida Institute of Technology)

**21. An Analysis of Signaled Periods of Extinction on Resurgence** (PCH; Basic Research) ANTHONY OLIVER and Kennon Andy Lattal (West Virginia University)



- 22. Evaluating ABA Renewal Using an Operant Computer Task** (Basic Research) THEO PAUL ROBINSON and Christopher A. Podlesnik (Florida Institute of Technology)
- 23. Magnitude Manipulations in Concurrent Differential Reinforcement-of-Low-Rate Schedules** (Basic Research) MICHAEL STEELE YENCHA, Tyler Nighbor, and Kennon Andy Lattal (West Virginia University)
- Discussant: Maggie Sweeney (Johns Hopkins University School of Medicine)*
- 24. Sources of Reinforcement as Discriminative Stimuli** (Basic Research) BRIAN R. KATZ, Tyler Nighbor, Brittany Wood, and Kennon Andy Lattal (West Virginia University)
- 25. Repeated Reversals of Concurrent Olfactory Discriminations in Rats** (Basic Research) MADELEINE MASON, Tiffany Phasukkan, Shandy Nelson, Katherine Ely Bruce, Mark Galizio (University of North Carolina Wilmington)
- 26. Experimental Assay of Reinforcer-Omission Procedure as a Measure for “Preference Pulse as Artifact”** (Basic Research) YOSUKE HACHIGA (American University; JSPS Overseas Research Fellow)
- 27. The Spatial Distribution of Behavior Under Fixed Ratio and Fixed Interval Schedules of Reinforcement** (Basic Research) Emilio Ribes, VARSOVIA HERNANDEZ, and Jonathan Castillo-Alfonso (Universidad Veracruzana)
- 28. Mice as Subjects in Collaborative Research** (Basic Research) Christina M. Peters, Matthew Lewon, TALIA HAMM, and Linda J. Parrott Hayes (University of Nevada, Reno)
- 29. Comparison of Three Extinction Procedures for Conditioned Avoidance Behavior in Rats** (Basic Research) TAKAYA OGAI (University of Tsukuba) and Sadahiko Nakajima (Kwansei Gakuin University)
- 30. Interactions Between Food and Water Motivating Operations in Food- and Water-Reinforced Responding in Mice** (Basic Research) Matthew Lewon, Christina M. Peters, EMILY DANIELLE SPURLOCK, Melanie S. Stites, and Linda J. Parrott Hayes (University of Nevada, Reno)
- 31. Exploring Behavioral Contrast in Multiple Variable Interval-Progressive Ratio Schedules** (Basic Research) MATTHEW E. ANDRZEJEWSKI, Logan Wild, Kane Poad, Michaela Eflandt, Brandon Cassidy, Catlyn Li Volsi, Mackenzie Kropidowski, and Molly Prater (University of Wisconsin-Whitewater)
- 32. Response Effort Does Not Affect Resistance to Extinction: Implications for Momentum Theory** (Basic Research) ERICA FOSS (University of North Texas) and Jonathan W. Pinkston (Western New England University)
- 33. The Matching Law and Differential-Reinforcement-of-Low-Rate Schedules** (Basic Research) CHRISTOPHER W. IAMES, Tyler Nighbor, and Kennon Andy Lattal (West Virginia University)
- 34. Signal and Schedule Functions When Pausing Is the Operant** (Basic Research) TYLER NIGHBOR and Kennon Andy Lattal (West Virginia University)
- Discussant: Cory Whirtley (West Virginia University)*
- 35. “Executive Control” in Rhesus Macaques and Capuchin Monkeys** (Basic Research) TRAVIS RAY SMITH (Georgia State University) and Michael J. Beran (Language Research Center, Georgia State University)
- 36. Within-Session Increases in Operant Responding Predict Binge-Eating in Wistar Rats** (Basic Research) AMANDA MICHELLE CANO, Derek Searcy, Victoria Barnes, Casey Kerr, Madlen Penn, Divina Trevethan, Gwen Lupfer-Johnson, and Eric S. Murphy (University of Alaska Anchorage)
- 37. Cooperative Responding in Rats Under Fixed and Variable Ratio Reinforcement Schedules** (Basic Research) LUCAS COUTO DE CARVALHO (Oslo and Akershus University College); Leticia Santos, Alceu dos Santos, Thiago Braga, Rafael da Silva, and Deisy Das Graças De Souza (Universidade Federal de São Carlos); and Ingunn Sandaker (Oslo and Akershus University College)
- 38. The Effects of Reinforcer Magnitude on Schedule-Induced Drinking Using a Fixed-Time 4 Minute Schedule** (Basic Research) ERIC JAMES FRENCH and Mark P. Reilly (Central Michigan University)
- 39. Good Things Don’t Come to Those Who Wait: Effects of Differential DRL Exposure on Timing and Subsequent Ethanol Choice** (Basic Research) MATTHEW LELAND ECKARD (West Virginia University) and Elizabeth Kyonka (University of New England)
- 40. Spatial Contiguity’s Contribution to the Formation of Associations Between Neutral Stimuli** (Basic Research) CHARLOTTE RENAUX, Vinca Riviere, and Paul Craddock (University of Lille) and Ralph R. Miller (State University of New York, Birmingham)
- 41. Relationship Between Attackers` and Targets` Behaviors in the Context of Extinction-Induced Attack in Pigeons** (VRB; Basic Research) TAKASHI SAKUMA and Tetsumi Moriyama (Tokiwa University)

**42. Effects of Social Coexistence and Social Restriction on Play Behavior in Rats** (Applied Research) GABRIELA BARRETO CHAVATTE and Adriana Rubio (Universidade Metodista de São Paulo)

**43. Comparison of Paired Stimulus Preference Assessment and Progressive Ratio Outcomes** (AUT; Applied Research) SHAWN JANETZKE and Jason C. Bourret (The New England Center for Children)

**44. Response Restriction in the Go/No-Go Procedure With Compound Stimuli in Children With Autism** (AUT; Applied Research) RAFAEL AUGUSTO SILVA (Universidade de São Paulo; Grupo Método Intervenção Comportamental) and Paula Debert (University of Sao Paulo)

**45. The Effects of Dense and Sparse Schedules of Punishment on the Persistence of Safety Behaviors** (CBM; Basic Research) GEORGIA TAMIAKI, Ioannis Angelakis, and Venessa Lewis (University of South Wales)

**46. The Effect of the Individual-Level Positive Behavior Support on Problem Behaviors and Participation in Activities of a Child With Developmental Delay** (EDC; Applied Research) SEUNGCHUL KWAK (Kongju National University); Mihye Kim (Kongju ShinGwan Kindergarten); and JinAh Noh, Sunhwa Jung, Jongnam Baek, HyukSang Kwon, and Hyojeong Seo (Kongju National University)

#### #456 Poster Session

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12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

PCH

Chair: Edward K. Morris (University of Kansas)

*Discussant: Neville Morris Blampied (University of Canterbury)*

**47. A Theoretical Comparison of Behaviorism and Humanism** (TBA; Theory) ZOE ALEXIS BARBARA and Darlene E. Crone-Todd (Salem State University)

**48. Responding to Mischaracterizations of Behavior Analysis** (Theory) MOLLY A. BARLOW, Andrea Carolina Villegas, and David J. Cox (University of Florida)

**49. Behavior Is Always a Statistical Measure** (EAB; Theory) JONATHAN E. FRIEDEL (National Institute for Occupational Safety and Health), Melissa J. Swisher (Purdue University), and William DeHart (Utah State University)

**50. A Behavior Analytic Account of Stereotype Threat** (CSS; Theory) LAUREN DIANE BROWN and W. Larry Williams (University of Nevada, Reno)

**51. Stimulus Equivalence Evolution of Concepts: From Set to Graph Theory** (TBA; Theory) CELSO SOCORRO OLIVEIRA (São Paulo State University)

**52. Visual Analysis of Within-Subject Data: A Comparison Across and Between Certification Levels** (PRA; Applied Research) EDGAR CARDOZA and Matthew P. Normand (University of the Pacific)

**53. Transition States in Single-Case Experimental Designs: Implications for Practitioners and Researchers** (PRA; Theory) KRISTEN BROGAN and John T. Rapp (Auburn University)

**54. Has Behavior Analysis Found Its Heart? Assessing Social Validity Trends in the *Journal of Applied Behavior Analysis*** (PRA;) ADITT ALCALAY, Julia Ferguson, Justin B. Leaf, Kara Reagon (Beacon ABA Services of Connecticut), Norma Torres, John James McEachin, Ronald Leaf, and Mitchell T. Taubman (Autism Partnership Foundation)

**55. Diet and Exercise Failures: A Theoretical Extension of Relapse** (CBM; Theory) SONIA LEVY, Chelsey Brown, and Joshua Garner (The Chicago School of Professional Psychology)

**56. Assessment of Single Case Research Syntheses in Special Education** (Theory) SETH KING and Argñue Chitiyo (Tennessee Technological University)

**57. Rationalism and Behavior Analysis** (Theory) LUCAS ALEXANDER HALEY COMMONS-MILLER and Michael Lampport Commons (Dare Institute)

**58. Facebook: Exploring Utility Through Behavior Analysis** (Applied Research) ELIZABETH WALSH

## #457 Poster Session

12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

EDC

Chair: Christina Simmons (Munroe-Meyer Institute, University of Nebraska Medical Center)

*Discussant: Tyler Erath (University of Kansas)*

**59. Use of Electronic and Behavioral Technologies in the Mainstream Classroom** (Applied Research) JAMES BEVACQUA (Florida Institute of Technology; The Human Institute)

**60. Effect of Video Self-Modeling in A Group Oral Reading Fluency Intervention** (Applied Research) SHENGTIAN WU and Daniel L. Gadke (Mississippi State University)

**61. A Comprehensive Reading Fluency Intervention for Children With Disabilities** (Applied Research) SHENGTIAN WU, Matthew Ferrigno, and Kasee Stratton-Gadke (Mississippi State University)

**62. Teaching to the Function of Escape During Written Expression Assignments in an Elementary Classroom** (AUT; Applied Research) LAUREN STRANGE, McKenzie Moreland, and Linda G. Garrison-Kane (Missouri State University)

**63. Acquisition and Generalization of Mathematical Concepts for Students With Autism** (AUT; Applied Research) JENNY ROOT (Florida State University), Erica Boccumini (Florida State University)

**64. Effectiveness of Explicit Sentence and Paragraph Instruction With Frequency Building to Performance Criteria for Middle School Students With Learning and Behavior Problems: A Two-Part Investigation** (DDA; Applied Research) KRISTIN MONROE-PEI and Shawn M. Datchuk (The University of Iowa)

**65. A Comparison of Reinforcement Topographies on Academic Achievement Using Cover, Copy, Compare** (DDA; Applied Research) MARGARET BERNHEIM and Daniel L. Gadke (Mississippi State University)

**66. Effects of Guided Notes as a Classroom Intervention for Adults With Intellectual Disability** (DDA; Applied Research) MARISSA ERIN DALY (University of Maryland, Baltimore County) and Jolene R. Sy (University of Maryland, Baltimore County)

**67. An Evaluation of a Reinforcer-Validation Procedure for Increasing Writing in a Second-Grade Student** (EAB; Applied Research) NATALIE HOFF, Nicole C. Bricko, Nathan Speer, Cassandra Renee Dietrich, and Pooja Parikh (University of Nebraska-Lincoln)

**68. The Effect of a Behavioral Coaching Intervention on Faculty Adoption of Technology-Enhanced Teaching Practices** (OBM; Applied Research) NICOLE DOMONCHUK (Lambton College)

**69. Increasing Reading Fluency Using a Reading Mastery Intervention for General Education Students** (Applied Research) DEREK JACOB SHANMAN and Haley Keller (Nicholls State University)

*Discussant: Kent Johnson (Morningside Academy)*

**70. Assessing the Effects of Corrective Reading Decoding Level A With a Fourth-Grade Student With a Specific Learning Disability** (PRA; Applied Research) JOSHUA MICHAEL PULOS, Nancy Marchand-Martella, and Margaret Johnson (The University of Oklahoma)

**71. Developing A Disseminable Technology for Teaching Automaticity in Word Recognition: A Case Study** (PRA; Applied Research) CAROL CUMMINGS and Kathryn Saunders (The University of Kansas)

**72. Evaluating the Use of Brief Experimental Analyses of Writing Interventions With Elementary Students** (TBA; Applied Research) Sarah A. Law, GLEN L. MCCULLER, and Ginger L. Kelso (Stephen F. Austin State University)

**73. Implementation of a Multi-Component Intervention to Decrease Escape/Attention Motivated Behavior During an Academic Setting** (DDA; Applied Research) Katelyn Harting, DYLAN MYERS, and Linda G. Garrison-Kane (Missouri State University)

**74. Embedding Trial-Based Functional Analysis Within a Continuum of Assessment in Preschool Settings** (DDA; Applied Research) NATALIE BADGETT and Scott A. Spaulding (University of Washington)

**75. Evaluation of Behavioral Packages Including Functional Communication Training to Reduce Refusal Behavior and Increase Access to Vocational Programming for Students With Developmental Disabilities** (DDA; Applied Research) LOUIS LEIBOWITZ, Lauren Lestremau, and Brittany Frey (Ivymount School & Programs)

**76. Influence of Recording Sheet on Reactivity in Self-Monitoring for Student With Autism in Regular Classroom** (PRA; Applied Research) KEN HANDA (National Institute of Special Needs Education) and Fumiyuki Noro (University of Tsukuba)

Monday, May 29

**77. Feasibility of Evidence-Based Practices in Schools: Recommendations for Behavior Analysts Conducting Applied Research** (DDA; Service Delivery) COLLIN SHEPLEY, Sally Bereznak Shepley, and Justin Lane (University of Kentucky)

**78. An Examination of the Relative Effectiveness of Functional Behavior Assessment-Based Interventions: A Systematic Review** (EAB; Theory) YUNJI JEONG and Susan Copeland (University of New Mexico)

**79. The Effects of an Observational Intervention on Conditioning Mathematics as a Reinforcer for Performance and Learning Objectives in a Fifth Grade AIL Classroom** (Applied Research) COLLEEN CUMISKEY MOORE, Rachel Cunningham, and Brittany Chiasson (Teachers College, Columbia University)

**80. Assessing and Prompting Philosophical Reasoning With Children** (PCH; Applied Research) MAKENSEY SANDERS, Stephanie Miller, Steven Skultety, and Karen Kate Kellum (University of Mississippi)

#### #458 Poster Session

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12:00 pm–3:00 pm  
Convention Center, Exhibit Hall D  
OBM

Chair: Douglas Robertson (Florida International University)

*Discussant: Jessica J. Alverson (Hopeful Journeys Educational Center, Inc.; Simmons College)*

**81. The Effects of Negative Reinforcement on Clinical Data Collection** (Applied Research) JOANNA FOUNTAIN, Jessica Buckley, and Samuel Meuse (Melmark New England)

**82. Identification and Termination of Staff In-Training** (Applied Research) AMY LYNN VEENENDAAL, Domonique Y. Randall, and Misty L. Goff, Nakeisha Vance (The Shape of Behavior)

**83. Increasing Staff Fluency Through Dependent Group Contingencies and Behavioral Skills Training** (AUT; Service Delivery) PAIGE BOYDSTON, Sarah Clemens, and Tyler Re (Milestones Behavioral and Therapy Services; Partners in Behavioral Milestones)

**84. Effects of Behavioral Skills Training on Interobserver Agreement Integrity** (AUT; Applied Research) RENEE HARTZ (Melmark New England)

**85. The Use of Behavior Skills Training to Teach Paraprofessionals Discrete Trial Training** (EDC; Service Delivery) Ali Headley and MICHAEL C. CLAYTON (Missouri State University)

**86. Do Supervisors Know Best? Examining the Differences in Responses by Employees on the Performance Diagnostic Checklist** (Applied Research) Samantha Hardesty, Julia Iannaccone, and MONICA URICH (Kennedy Krieger Institute) and Lynn G. Bowman (Kennedy Krieger Institute; Johns Hopkins University School of Medicine)

**87. Increasing Pre-Arranged Schedule Changes Among Direct Care Staff: The Utility of an Online Communication Site** (Applied Research) JULIA IANNACCONI, Samantha Hardesty, Kyle Kelly (Kennedy Krieger Institute) and Lynn G. Bowman (Kennedy Krieger Institute; Johns Hopkins University School of Medicine)

**88. Effects of Independent Group Contingency of On-Time Submission With Timesheets** (DEV; Applied Research) JACQUE WISWELL, Agustin Jimenez, Rakhi Bhowmick, and Sean Surfias (Sierra Madre Learning Center Total Programs)

#### #459 Poster Session

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12:00 pm–3:00 pm  
Convention Center, Exhibit Hall D  
CBM

Chair: Jocelyn Kuhn (University of Wisconsin-Madison; Kennedy Krieger Institute)

*Discussant: Jocelyn Kuhn (University of Wisconsin-Madison; Kennedy Krieger Institute)*

**89. Social Validity and Fidelity of an Outpatient Implementation of the PEERS Social Skills Curriculum** (AUT; Service Delivery) TIFFANY BORN, Tanisha Vanen, Jocelyn Kuhn, Laura Ambrose, Elizabeth Stratis, Holly Majszak, and Kristen M. Kalymon (Kennedy Krieger Institute)

**90. The Effects of Internet-Based Deposit Contracts on Aerobic Activity in Sedentary Adults** (CSS; Applied Research) CHELSEY BROWN and Jennifer Klapatch Totsch (The Chicago School of Professional Psychology)

**91. Effects of Audio Recorded Praise Statements on an Adult's Running Speed** (Applied Research) BONNY AISLIN BRIGHT (The Chicago School of Professional Psychology)

**92. Individualized Heart Rate Assessments in Physical Activity Research** (Applied Research) ALISON RUBY, Carole M. Van Camp, Ryan Blejewski, and Lindsay E. Gordon (University of North Carolina Wilmington)

**93. A Partial Replication of “Using Habit Reversal to Decrease Filled Pauses in Public Speaking” (Mancuso & Miltenberger, 2016)** (Applied Research) CHRISTOPH F. BOERDLEIN and Anja Sander (University of Applied Sciences Wuerzburg)

**94. Assessing a Punching Bag Feedback Performance Device** (OBM; Applied Research) NEIL DEOCHAND and Richard Wayne Fuqua (Western Michigan University)

**95. Using Phenomenology to Examine the Experiences of Zambian Families in Accessing Health Services for Their Children With Autism Spectrum** (AUT; Service Delivery) JOACKIM NYONI (Zambia Institute of Special Education)

**96. Using Applied Behavior Analysis to Treat Behaviors Typically Associated With Major Mental Illness** (Service Delivery) MARYELLEN NEWMAN, Karen Stufflebeam, and Joseph Tacosik (Judge Rotenberg Education Center)

**97. Analyzing the Social Validity of Applied Behavior Analysis for Veterans With Post-Traumatic Stress Disorder** (Service Delivery) HANNAH ALYCE BERNARD (Florida Institute of Technology)

**98. Parental Stress in Parents of Children With Autism: A Review of Recent Literature** (AUT; Theory) SADAF KHAWAR (Hybridge Learning Group)

**99. Errorless Learning in Therapy** (PRA; Service Delivery) NICOLE R. CHANDONNET (Learning Services Neurobehavioral Institute - West) and Jeff Kupfer (Learning Services Neurobehavioral Institute - West; Imagine Behavioral Health Services; Jeff Kupfer, PA)

**100. Comparing Acceptance and Commitment Therapy and Behavioral Activation for Depression: A Meta-Analysis** (PRA; Applied Research) AMANDA M MUNOZ-MARTINEZ and William C. Follette (University of Nevada, Reno)

**101. Responsiveness to Contingency Management Interventions for Physical Activity: Baselines, Reinforcers and Participant Characteristics** (EAB; Applied Research) JEREMIAH BROWN and Kaitlyn Proctor (University of North Carolina Wilmington); Sterling Rippy (College of Charleston; University of North Carolina Wilmington); and Heather Fleuriet, Haleigh Winbourne, and Wendy Donlin Washington (University of North Carolina Wilmington)

#### #460 Poster Session

12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

PRA

Chair: Ronnie Detrich (The Wing Institute)

*Discussant: Ronnie Detrich (The Wing Institute)*

**103. Increasing Social Initiations and Responses in the Context of Procedures to Decrease Motor Stereotypy** (AUT; Applied Research) LAUREN ELIZABETH BOURDON, Lisa Tereshko, and Robert K. Ross (Beacon ABA Services)

**104. Assessment of Elopement Maintained by Access to Automatically Maintained Shredding** (AUT; Service Delivery) JOELLE KRANTZ (Marcus Autism Center; Nova Southeastern University) and Mindy Christine Scheithauer and Joanna Lomas Mevers (Marcus Autism Center)

**105. Use of Signaling Procedure to Increase Participant’s Tolerance of Delayed Attention From Caregiver in the Participant’s Home Environment: A Reflection on Treatment Decisions and Barriers to Treatment** (AUT; Service Delivery) KATHRYN CRAIG, Anna Young, and Daniel Welch (Imagine Behavioral Health Services)

**106. An Evaluation of the Correspondence Between Caregiver and Self Report on the Social Functions Maintaining Severe Problem Behavior** (EAB; Applied Research) EMILY NESS and Molly Butts (Kennedy Krieger Institute; Mississippi State University) and John M. Huete and Aila K. Dommestrup (Kennedy Krieger Institute)

**107. Improving Staff Praise of Toddlers in a Group Setting** (Service Delivery) JESSICA ANN AMIOT and Michele R. Traub (St. Cloud State University)

*Discussant: Alissa Anne Conway (Western Michigan University)*

**108. Caregiver-Run Structured Evaluation of Elopement** (DDA; Applied Research) JENNIFER ANDERSEN (University of Nebraska Medical Center’s Munroe-Meyer Institute; University of Iowa) and Christina Simmons and Amanda Zangrillo (University of Nebraska Medical Center’s Munroe-Meyer Institute)

**109. A Comparison of Procedures for Evaluating Generalization Following Matrix Training** (AUT; Applied Research) VICTORIA SADLER, Paulo Guilhardi, Jennifer Smith, Robert K. Ross, Camille Rivera, Wilmaris Fernandez, and Ashley Douglas (Beacon ABA Services)

Monday, May 29

**110. Task Sequencing Mathematics Problems for Increasing Behavioral Momentum: Effects and Resources for Practice** (DEV; Theory) JARED MORRIS (The Pennsylvania State University)

**111. Telehealth in the Provision of Service Delivery in Mental and Behavioral Health: A Systematic Review** (TBA; Service Delivery) DENICE RIOS, Zachary Husak, and Andrea Miller (Western Michigan University)

**112. The Heterogeneity of Behavior Analyst Preparation Programs** (TBA; Service Delivery) COLLIN SHEPLEY, Allan Allday, and Sally Bereznaq Shepley (University of Kentucky)

**113. An Evaluation of Preference Assessment Procedures and Stability of Preference for Older Adults With Dementia** (DEV; Applied Research) MEGAN FORD, Makenzie Williams Bayles, Jennifer Lynne Bruzek, and Sara Posey (Jacksonville State University)

#### **#462 Poster Session**

12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

DDA

Chair: Ruth M. DeBar (Caldwell University)

*Discussant: Sarah J. Miller (Marcus Autism Center; Emory University School of Medicine)*

**114. Self-Management Intervention for Task Completion and Compliance of a Child with Fetal Alcohol Spectrum Disorder** (Applied Research) SUSAN COPELAND and Megan Griffin (University of New Mexico)

**115. Acquisition of Self-Feeding Skills for a Child With a Feeding Disorder** (Applied Research) HALLIE SMITH (Kennedy Krieger Institute; Mississippi State University) and Melissa Luke Gonzalez (Kennedy Krieger Institute)

**116. Self-Monitoring and Contingent Reinforcement to Improve Behaviors of a Child With Fetal Alcohol Spectrum Disorder** (Applied Research) MEGAN GRIFFIN and Susan Copeland (University of New Mexico)

**117. Comparison of a 3- and 5- Second Delay of Verbal Mands for Individuals With Developmental Delays** (VRB; Service Delivery) SAMUEL GARCIA (The ABRITE Organization)

**118. Transitioning From Simple-General to Framed Specific Mands During Functional Communication Training** (AUT; Applied Research) DANIELLE IONE LARSON, Caitlin Fulton, and Jeffrey H. Tiger (University of Wisconsin–Milwaukee)

**119. A Systematic Review of Differential Reinforcement Without Extinction** (AUT; Applied Research) HANNAH LYNN MACNAUL and Leslie Neely (University of Texas at San Antonio)

**120. Improving Accuracy of Data Collection on a Psychiatric Unit for Children Diagnosed With Intellectual and Developmental Disabilities** (AUT; Applied Research) AIMEE SUE ALCORN (Children's Hospital Colorado), Patrick Romani (University of Colorado, Anschutz Medical Campus), and James Linares (Children's Hospital Colorado)

**121. Using Behavior Skills Training to Teach Effective Conversation Skills to Individuals With Disabilities** (AUT; Applied Research) ALLISON SCHMIDT (Missouri State University; The Arc of the Ozarks) and Michael C. Clayton (Missouri State University)

**122. Assessing the Effects of and Preference for Response Blocking in Children With Self-Injurious Behavior** (AUT; Applied Research) CHRISTOPHER M. DILLON (University of Maryland, Baltimore County; Kennedy Krieger Institute) and Jennifer R. Zarcone, Griffin Rooker, and Louis P. Hagopian (Kennedy Krieger Institute; Johns Hopkins University School of Medicine)

**123. A Comparison of Modeling, Prompting, and a Multi-Component Intervention for Teaching Play Skills to Children With Developmental Disabilities** (AUT; Applied Research) JENNIFER QUIGLEY (The Chicago School of Professional Psychology; Melmark) and Annette Griffith (The Chicago School of Professional Psychology)

*Discussant: Ken Winn (Firefly Autism)*

**124. Reducing Vocal Stereotypy With the Use of DRL and Discriminative Stimulus** (CBM; Service Delivery) BETSY CHEN, Alexis Briana Pendarvis, and Mary Ann Hubbard (University of Central Oklahoma)

**125. The Effects of Teaching Fine Motor Skills on Acquisition of Daily Living Skills in Adults With Disabilities** (CSS; Applied Research) JASMINA NALEID (The Chicago School of Professional Psychology)



- 126. The Effects of Self-Management Using Fitbit® to Increase Walking in Adults With Developmental Disabilities** (DEV; Applied Research) MARREN MARIE LEON-BARAJAS, James A. Sherman, and Jan B. Sheldon (The University of Kansas)
- 127. Increasing Daily Living Independence Using Video Activity Schedules in Middle School Students With Intellectual Disability** (EDC; Applied Research) SALLY BEREZNAK SHEPLEY (The University of Kentucky), Amy Spriggs (University of Kentucky), Mark Samudre (University of Kentucky)
- 128. A Review of Recent Advances in Teaching Academics to Learners With Developmental Disabilities** (EDC; Applied Research) DANNA WEBBER, Emily Morzy, and Jeffrey Michael Chan (Northern Illinois University)
- 129. Teaching Yoga With Students with Developmental Disabilities in a Small Group Classroom Setting** (EDC; Applied Research) CAROLYN S. RYAN (Ryan Psychological, P.C.) and Kimberly Heinemann (Reach for the Stars Learning Center)
- 130. Increasing Physical Activity in Adults With Intellectual Disabilities: A Preliminary Evaluation** (Applied Research) HUGO CUIREL, Rachel Burroughs, Anita Li, and Alan D. Poling (Western Michigan University)
- 131. Functional Communication Training Using High-Tech AAC Devices for Children With Developmental Disabilities via Telehealth Coaching** (Applied Research) ADELE F. DIMIAN, Jessica J. Simacek, Marianne Elmquist, and Joe Reichle (University of Minnesota)
- 132. A Review and Commentary on Preference Assessments for Individuals Diagnosed With Developmental Disabilities** (PRA;) CHRISTINE MILNE (Autism Partnership Foundation); Joseph H. Cihon (Autism Partnership Foundation; Endicott College); and Julia Ferguson, Justin B. Leaf, John James McEachin, Mitchell T. Taubman, and Ronald Leaf (Autism Partnership Foundation)
- 133. Programming for Generalization Through Parent Training in a Function-Based Intervention Package** (PRA; Applied Research) SARAH LICHTENBERGER and Roy Justin Boyd (Kennedy Krieger Institute)
- Discussant: Jessica Bostic (Ball State University)*
- 134. Treatment of Escape-Maintained Aggression Using an All-Day Instructional Fading Procedure** (PRA; Applied Research) AMANDA CHEWNING (Florida Autism Center), Jonathan K Fernand (University of Florida), Samuel L. Morris (University of Florida; Florida Autism Center), and Timothy R. Vollmer (University of Florida)
- 135. Working With Interpreters during Behavioral Skills Training When Practitioners and Caregivers Speak Different Languages** (PRA; Service Delivery) STEPHANIE TRAUSSCHKE, Sarah Lichtenberger, Julia T. O'Connor, and Craig Strohmeier (Kennedy Krieger Institute)
- 136. Promoting Inclusion and Social Skill Development at Summer Camps Using a Peer-Mediated Social Skills Intervention Program** (TBA; Service Delivery) ALYSSA ROBERTSON (Thames Valley Children's Centre) and Carmen L. Hall (Fanshawe College)
- 137. Providing Alternative Activities While Thinning a Multiple Schedule of Reinforcement** (Applied Research) NATASHA CHAMBERLAIN, Amanda Zangrillo, and Wendy Strang (University of Nebraska Medical Center's Munroe-Meyer Institute) and Todd M. Owen (University of Nebraska Medical Center)
- 138. Increasing Correct Parental Behavior Support Plan Implementation Through Systematic Introduction During Behavioral Parent Trainings** (Applied Research) REBEKAH HINCHCLIFFE (Melmark)
- 139. Using Backward Chaining to Increase Self-Feeding and Self-Drinking in a Child With a Pediatric Feeding Disorder** (Service Delivery) Kate M. Peterson, Caitlin A. Kirkwood, Cathleen C. Piazza, and HOLLY M. NEY (University of Nebraska Medical Center's Munroe-Meyer Institute)
- 140. Removing Extinction Late in a Treatment Evaluation** (Applied Research) CAROLYN RITCHEY, Colin S. Muething, and Mindy Christine Scheithauer (Marcus Autism Center)
- 141. Refinements to Increase the Efficiency and Social Validity of Paired Stimulus Preference Assessments** (Applied Research) AMI J. KAMINSKI, Christina Simmons, Jessica Akers, and Wayne W. Fisher (University of Nebraska Medical Center's Munroe-Meyer Institute)
- 142. A Preliminary Evaluation of Stability in Behavioral Function** (Applied Research) JONATHON METZ, Katherine Hurlock, and Tracy L. Kettering (Bancroft)
- 143. The Use of a Brief Functional Analysis With an Individual With Deaf-Blindness** (Applied Research) HAILEY RIPPLE, Kasee Stratton, Daniel L. Gadke, and Megan Anderson (Mississippi State University)



## #463 Poster Session

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12:00 pm–3:00 pm

Convention Center, Exhibit Hall D

AUT

Chair: Thomas S. Higbee (Utah State University)

*Discussant: Ruth M. DeBar (Caldwell University)*

**144. A Parametric Analysis of Prompting Errors During Discrete-Trial Instruction** (Applied Research) JENNIFER M OWSIANY, Regina A. Carroll, and Ashley Felde (West Virginia University)

**145. Role of Intraverbal Training in Inducing First Instances of Speech in Non-Vocal Children With Autism** (Applied Research) SMITA AWASTHI and Karola Dillenburger (Queen's University Belfast) and Sridhar Aravamudhan (Behavior Momentum India)

**146. The Impact of Delay in Early Intensive Behavioral Intervention on Educational Outcomes for Children With Autism** (Service Delivery) ADELE F. DIMIAN and Frank J. Symons (University of Minnesota)

**147. Evaluating the Social Validity of PEERS' for Young Adults, Teens, and Preschoolers in a Clinical Replication** (Applied Research) WHITNEY ANN ENCE (University of California Santa Barbara) and Tara A. Glavin, Robert Klinkel, Tara Rooney, Katy Ankenman, and Gregory L. Lyons (University of California San Francisco)

**148. Differences in Behavioral Resurgence Between DRO and DRA Interventions as a Model of Treatment Relapse** (Applied Research) BENJAMIN C. MAURO (The Sage Colleges, Center for Applied Behavior Analysis), Krystine Cardenas (Behavior Analysis, Inc.), Daryl L. Jordan (The Sage Colleges), and Andres Gallego (Behavior Analysis, Inc.)

**149. Identification of Prenatal, Obstetric, and Neonatal Risk Factors Associated With Having a Child With Autism** (Basic Research) SABA TORABIAN (San Jose State University)

**150. Positive Effects of Self-Monitoring on a 7-Year-Old Boy With Autism Spectrum Disorder** (Service Delivery) Avantika Sharma (Behaviour Enrichment Dubai) and MEERA RAMANI (ABA India)

**151. Identifying Alternative Sources of Stimulation to Reduce Rate of Diurnal Bruxism With a Child With Autism Spectrum Disorder** (Applied Research) SAMANTHA KLASEK (University of Wisconsin-Eau Claire) and Tiffany Kodak, Brittany LeBlanc, and Mary Halbur (University of Wisconsin-Milwaukee)

**152. Using a Self-Management Package to Assist a Young Adult With Autism Spectrum Disorder to Participate in Postsecondary Education: Improving Sleep** (Applied Research) YADAN LIU, Dennis W. Moore, and Angelika Anderson (Monash University)

**153. Teaching Classroom Skills to Children With Autism During Group Instruction** (Applied Research) ANA BIBAY and Afifa Magram (IME MAIA, France)

**154. Evaluating the Efficacy of Video Self-Modeling for Remediating Dysgraphia in Children With Autism Spectrum Disorders** (PRA; Applied Research) GERALD E. HARRIS (Walden University; Texas Young Autism Project) and Steven G. Little and Elizabeth Essel (Walden University)

**155. An Assessment of Staff and Child Behaviors During Unstructured Time in a Special Education School Setting** (PRA; Service Delivery) SUMMER BOTTINI, Jennifer M. Gillis Mattson, Rachel N. S. Cavalari, and Lisa Cooper (Binghamton University)

**156. The Relative Effectiveness of the Complexity of Instructions on Receptive Language Skill Acquisition for an Individual Diagnosed With ASD** (PRA; Service Delivery) NORMA TORRES (Autism Partnership Foundation); Joseph H. Cihon (Autism Partnership Foundation; Endicott College); Julia Ferguson, Justin B. Leaf, Mitchell T. Taubman, Ronald Leaf, and John James McEachin (Autism Partnership Foundation)

**157. An Evaluation of a Progressive Extinction to Assess Response Class Membership of Multiple Topographies of Problem Behavior** (PRA; Applied Research) CHRISTINE WARNER (Western New England University; The New England Center for Children), Gregory P. Hanley (Western New England University), Mahshid Ghaemmaghami (University of the Pacific; Western New England University), Robin K. Landa (Western New England University), and Jessica Slaton (Nashoba Learning Group)

**158. Treatments Evaluation for Increasing Seatbelt Wearing in a Teenager With Autism** (PRA; Applied Research) MELANY J. ROSA and Rebecca Lasoski (Bancroft)

**159. A Meta-Analysis of Pivotal Response Treatment as an Early Naturalistic Developmental Behavior Intervention for Autism** (PRA; Applied Research) GREGORY L. LYONS (University of Wisconsin-Madison; University of California, San Francisco STAR Center for ASD and NDDs), Robert Klinkel (University of California, San Francisco STAR Center for ASD and NDDs), Lori Beth Vincent (Cincinnati Children's Hospital Medical Center), and Tiffany Born (Kennedy Krieger Institute)

*Discussant: Kimberly Sloman (Douglass Developmental Disabilities Center, Rutgers University)*

**160. Assessing Interventions for Automatically Maintained Self-Injury and Self-Restraint as a Reinforcer** (PRA; Applied Research) MATTHEW DAVID LASOSKI, Brian M. Hinchcliffe, Lauren F. Troy, and Virginia Kaufmann (Bancroft)

**161. A Meta-Analysis of Single-Case Research on the Use of Tablet-Mediated Interventions for Persons With Autism Spectrum Disorder** (PRA; Applied Research) LIYUAN GONG and Ee Rea Hong (University of Tsukuba), Jennifer Ninci (University of Hawaii at Manoa), Kristi Morin (Texas A&M University), Sawako Kawaminami and Yan-qiu Shi (University of Tsukuba), John Davis (University of Utah), and Fumiyuki Noro (University of Tsukuba)

**162. Tablet-Based Interventions for Persons With Autism Spectrum Disorder: An Overview of Generalization and Maintenance Measures in Literature** (PRA; Applied Research) SAWAKO KAWAMINAMI, Ee Rea Hong, and Liyuan Gong (University of Tsukuba); Kristi Morin (Texas A&M University); Leslie Neely (The University of Texas at San Antonio); and John Davis (University of Utah)

**163. Functional Analysis and Treatment of Inappropriate Sexual Behavior Maintained by Automatic Reinforcement** (PRA; Service Delivery) MEGAN B. BOUCHER and Stacey M. McIntyre (Ivymount School)

**164. Teaching an Adult With Autism to Use an Activity Schedule During Vocational Beekeeping Tasks** (PRA; Applied Research) JESSICA SANCES, Jessica Day-Watkins, and James E. Connell (Drexel University)

**165. Towards a More Functional Analysis of Prompt Maintained Behavior** (PRA; Applied Research) LOGAN MCDOWELL (The Victory Center for Autism and Related Disabilities)

**166. What to Know and Where to Look: Dissecting the Male-Driven Research for the Evaluation and Diagnosis of Autism in Females** (PRA; Service Delivery) BEAU A. DUVALL (ABA Group, Inc.)

**167. Improving Caregiver Achievement in Implementing Applied Behavior Analysis Strategies With Young Children Evaluated for Autism Spectrum Disorder** (PRA; Service Delivery) KATHLEEN SIMCOE, Ashley Vogel, Amanda Spiess, Mary Morton, and Alacia Stainbrook (Vanderbilt University Medical Center Treatment and Research Institute for Autism Spectrum Disorder) and A. Pablo Juárez and Zachary Warren (Vanderbilt University Medical Center)

**168. A Coaching Intervention Package to Teach Parents Contingency Management of On-Task and Undesirable Behaviors of Their Children With Autism** (PRA; Applied Research) KEVIN J. BROTHERS (Somerset Hills Learning Institute); Emily Gallant (Somerset Hills Learning Institute; Caldwell University); and Sandra R. Gomes, Caralyn Harris, Courtney Biondo, and Sarah Losowyj (Somerset Hills Learning Institute)

**169. Effects of Digital Superimposition and Fading to Establish Sight Reading Skills for Learners With Autism** (PRA; Applied Research) EDGAR D. MACHADO (Somerset Hills Learning Institute), Kenneth F. Reeve (Caldwell University), Kevin J. Brothers (Somerset Hills Learning Institute), Barbara Etzel (The University of Kansas), and Sharon A. Reeve (Caldwell University)

**170. The Use of iPad to Promote Leisure Activities for Adults With Autism Spectrum Disorder** (PRA; Applied Research) KAORI G. NEPO (Autism Life Support), Matthew Tincani and Saul Axelrod (Temple University), and Lois Meszaros (Chimes)

**171. The Effects of Individualized Positive Behavior Support on the Aggressive, Self-Injury and Spitting Behaviors of Students With Developmental Disability: Case Study** (PRA; Applied Research) Jinhyeok Choi and DAEYONG KIM (Pusan National University)

**172. Evaluating Learner Consistency of Reinforcer Choices Within Pre- and Post-Trial Assessments** (PRA; Applied Research) JEFF FOSSA, Steven Rivers, and Robert K. Ross (Beacon ABA Services)

**173. High Probability Request Sequence: An Evidence-Based Practice for Individuals With Autism Spectrum Disorder** (PRA; Applied Research) CHELSI BROSH, Larry Fisher, and Charles L. Wood (University of North Carolina at Charlotte)

**174. An Evaluation of the Effects of Social Interaction on Preference and Response Allocation in Preschool-Age Children** (PRA; Applied Research) MADISON R. MCNINCH, Amber Lessor, and Claudia L. Dozier (The University of Kansas); Julie A. Ackerlund Brandt (The Chicago School of Professional Psychology); and Elizabeth Foley (The University of Kansas)

**175. Decreasing Challenging Behavior During Overnight Hours Using a Response Cost** (PRA; Applied Research) MELISSA A. CLARK (Melmark New England)

*Discussant: Mahshid Ghaemmaghami (University of the Pacific; Western New England University)*

**176. Teaching Empathetic Responding to Children With Autism: An Extension** (PRA; Applied Research) COURTNEY KEEGAN KELEHER, Laura J. Dantona, and Robert K. Ross (Beacon ABA Services)

**177. Changing Typography to Improve Reading Fluency in Individuals Who Engage in Vocal Stereotypy** (PRA; Applied Research) EMILY SEALS MATHIS, Grace Drumheller, and Daniel L. Gadke (Mississippi State University)

**178. Improving Rate of Responding in Receptive Identification Tasks in Four Children With Autism Using Behavioral Momentum** (PRA; Applied Research) RAZIA ALI, Anupama Jagdish, and Smita Awasthi (Behavior Momentum India)

- 179. Decreasing Vocal Stereotypy Using Antecedent Cues in a 14-Year-Old Boy With A Diagnosis of Autism** (PRA; Applied Research) RAZIA ALI, Anisha Tanna, and Smita Awasthi (Behavior Momentum India)
- 180. The Impact of Preference Assessment on Independent Responding in Two Children With Autism** (PRA; Applied Research) SMITA AWASTHI and Razia Ali (Behavior Momentum India)
- 181. Shaping Across Four Parameters: Accuracy, Consecutive Instructional Frequency, Distance From Learning Station and Complexity of Instructional Tasks Complied With to Improve Accuracy in Responding** (PRA; Applied Research) SRIDHAR ARAVAMUDHAN, Madhavi Rao, and Smita Awasthi (Behavior Momentum India)
- 182. Teaching an 8-Year-Old Child With Autism Spectrum Disorder to Mand for Information Using “When”** (PRA; Applied Research) VIDUSHI SHARMA CHAUHAN and Smita Awasthi (Behavior Momentum India)
- 183. The Benefits of Teaching Simple Signs to an Individual Diagnosed With Autism Spectrum Disorder to Increase Appropriate Requesting Skills** (PRA; Service Delivery) NATHAN VANDERWEELE, Cody Morris, and Stephanie M. Peterson (Western Michigan University)
- 184. Using Non-Contingent Reinforcement With Extinction to Reduce the Aggression in a 7-Year-Old Boy With Autism** (PRA; Applied Research) SRIDHAR ARAVAMUDHAN and Madhavi Rao (Behavior Momentum India)
- 185. A Parametric Analysis of the Effects of Physical Activity on Stereotypy and Academic Engagement** (PRA; Applied Research) KISSEL JOSEPH GOLDMAN, Iser Guillermo DeLeon, and Sarah Weinsztok (University of Florida) and Gina Nicolini-Green (Behavior Analysis Support Services)
- 186. The Effects of Exposure on Increasing Vegetable Consumption in Preschool-Aged Children With Autism Spectrum Disorder** (PRA; Applied Research) SOO YOUN KIM and Eun Sun Chung (Yonsei University)
- 187. Increasing the Acceptance of Low-Probability Foods Using High-probability Sequence With Children With Autism** (PRA; Applied Research) Monalisa Costa, Bárbara Souza, and Ronildo Silva (AFETO); DANIELA DE SOUZA CANOVAS (Grupo Método - Intervenção Comportamental); and Michelle Sutherland (Sprouts Feeding Therapy)
- 188. Establishment of Generalized Identity Matching With Objects in Children With Autism Using a Modeling Procedure** (PRA; Applied Research) Anne Caroline Carneiro, Cecília Freitas, and Michelle Brasil (AFETO; Universidade Federal de Pernambuco); DANIELA DE SOUZA CANOVAS (Grupo Método - Intervenção Comportamental); and Caio F. Miguel (California State University, Sacramento)
- 189. Abbreviated Intensive Parent Training Program for Toddlers With Autism Spectrum Disorder** (PRA; Service Delivery) SIENNA VANGELDER and Alexis N. Boglio (Southwest Autism Research and Resource Center)
- 190. A Case Study: Increasing Independent Consumption of Low-Probability Food Using Textual Cues** (PRA; Service Delivery) MICHELLE MCDERMOTT (Firefly Autism) and Michael Ray (Trumpet Behavioral Health)
- 191. A Systematic Review of Early Intensive Behaviour Intervention and Developmental Intervention Treatment Outcomes for Children With Autism Spectrum Disorder** (PRA; Theory) SARAH DAVIS (Brock University), Kirsten M. Wirth (Wirth Behavioural Health Services; University of Manitoba), and Kendra Thomson (Brock University)
- Discussant: Mindy Christine Scheithauer (Marcus Autism Center)*
- 192. The Itsy Bitsy Pinches** (PRA; Applied Research) Amanda Rades, REBECCA PERRY, and Lily Dicker (Firefly Autism)
- 193. Horton Hears an “Eeeee!”** (PRA; Applied Research) REBECCA PERRY, Amanda Rades, and Mary Allietta (Firefly Autism)
- 194. Pete and Repeat** (PRA; Applied Research) Rebecca Perry, AMANDA RADES, and Elyse Murrin (Firefly Autism)
- 195. The Use of Defusion Exercises to Explore the Emergence of Creative Responses** (PRA; Applied Research) DAVID LEGASPI, Andrea Mazo, Sara Morris, and Kayla Diane Brachbill (Southern Illinois University, Carbondale); Daniel Spohr (St. Louis Community College); and RuthAnne Rehfeldt (Southern Illinois University)
- 196. The Effectiveness of Picture Exchange Communication System on Increasing Vocalizations for a Child With Autism** (TBA; Applied Research) Frances Parkes and NAOMI LOUISE TAYLOR (Tomorrow's Voices Bermuda Autism Early Intervention)

**197. Teaching Children With Autism Spectrum Disorder to Perform Multistep Requesting Using an iPad** (VRB; Applied Research) NOUF ALZRAYER and Devender Banda (Texas Tech University) and Koul Rajinder (Texas Tech University, Health Science Center)

**198. Effects of Lag Schedules on Topographical Mand Variability and Challenging Behavior During Functional Communication Training** (VRB; Applied Research) BRYANT C. SILBAUGH and Terry S. Falcomata (The University of Texas at Austin)

**199. Comparing Echoic and Textual Prompts in the Establishment of Tact for a Child With Autism Spectrum Disorder** (VRB; Applied Research) SAWAKO KAWAMINAMI and FumiYuki Noro (University of Tsukuba)

**200. Examining Hispanic Parent/Child With Autism Interactions Through Augmentative and Alternative Communication** (VRB; Applied Research) ALLEGRA MONTEMAYOR (The University of Texas at San Antonio)

**201. Isolating Important Procedural Elements Using a Conditioned Transitive Motivating Operation to Teach a Mand** (VRB; Applied Research) CHELSIE PARENT and Anita Lynn Wilson (ABA & Verbal Behavior Group, Inc.)

**202. The Effects of Rapport-Building and Instructional Fading During Discrete Trial Instruction** (VRB; Applied Research) MELINDA CHERIE WRIGHT (Marcus Autism Center) and Bethany Hansen and M. Alice Shillingsburg (Marcus Autism Center; Emory University School of Medicine)

**203. An Evaluation of Language for Learning on Language Acquisition for Preschool Children With Autism Spectrum Disorder** (VRB; Applied Research) SHANTINIQUE JONES and Josh Plavnick (Michigan State University)

**204. Group-Mediated Effective Instruction Delivery Training for Parents of Children With Autism Spectrum Disorder** (Service Delivery) ANDREA ZAWOYSKI (University of Georgia; University of Nebraska Medical Center's Munroe-Meyer Institute), Kayzandra Bond and Roderick O'Handley (University of Nebraska Medical Center's Munroe-Meyer Institute), Sarah Smith (East Tennessee State University; University of Nebraska Medical Center's Munroe-Meyer Institute), and Cody McCormick (University of Nebraska Medical Center's Munroe-Meyer Institute)

**205. Using Matrix Training to Test Generative Learning of Expressive and Receptive Language With Children Diagnosed With Autism** (VRB; Applied Research) JESSEBELLE PICHARDO and Corina Jimenez-Gomez (The Scott Center for Autism Treatment at Florida Institute of Technology) and Adam Thornton Brewer and Regina Nastri (Florida Institute of Technology)

**206. Teaching Peers With Autism to Recruit and Respond to Bids for Social Attention in a Dyad** (VRB; Applied Research) JAMIE LEE COHEN, Sarah Frampton, Ashley Stevens, Brittany Lee Bartlett, and Taylor Thompson (Marcus Autism Center) and M. Alice Shillingsburg (Marcus Autism Center; Emory University School of Medicine)

**207. The Role of a Differential Observing Response on an Auditory-Visual Conditional Discrimination Task** (VRB; Applied Research) JAKE PAGANO, Kathryn Glodowski, Victoria Cohrs, and Nicole M. Rodriguez (University of Nebraska Medical Center's Munroe-Meyer Institute)

*Discussant: Jennifer Sheridan (Hope Autism Care Centre)*

**208. The Effects of Visual Prompts on Improving Question-Asking Behaviors in a Child With ASD** (VRB; Applied Research) LIYUAN GONG, Sawako Kawaminami, Ee Rea Hong, and FumiYuki Noro (University of Tsukuba)

**209. Assessing Multiple Control Over the Verbal Behavior of Children With Autism** (VRB; Applied Research) LEE L. MASON and Alonzo Alfredo Andrews (The University of Texas at San Antonio)

**210. Using Blocked-Trials to Teach Conditional Discrimination Between Tact Noun and Tact Action** (VRB; Applied Research) Ashley Simmons, KATE GOODRICH, Julia Kincaid, Camille Woodard, and Caitlin H. Delfs (Marcus Autism Center)

**211. Teaching Children With Autism to Emit Mand for Social Information in a Naturalistic Setting** (VRB; Applied Research) BETHANY TALMADGE, Sarah Frampton, Cecilia Crowe, Ashley Stevens, and Cassandra M. Gayman (Marcus Autism Center) and M. Alice Shillingsburg (Marcus Autism Center; Emory University School of Medicine)

**212. Teaching Gestural Communication to Children With Autism Spectrum Disorder** (VRB; Applied Research) Ashley Simmons, JENNIFER GIOIA, Meighan Adams, and Caitlin H. Delfs (Marcus Autism Center) and M. Alice Shillingsburg (Marcus Autism Center; Emory University School of Medicine)

**213. Stimulus Fading: Establishing Visual Discriminations in an Early Manding Repertoire** (VRB; Service Delivery) ELIZABETH LEFEBRE, Ashley Alhers, Jessica Sivak, and Jessica Gutwein (Bierman ABA Autism Centers)

**214. An Analysis of Intraverbal Responding Through Syllogistic Frames** (VRB; Applied Research)  
ALONZO ALFREDO ANDREWS and Lee L. Mason (The University of Texas at San Antonio)

**215. Establishing Naming in Children With Autism Through Sufficient Exemplar Training** (VRB; Applied Research) SIGMUND ELDEVIK (Oslo and Akershus University College of Applied Sciences) and Roy Salomonsen (University Hospital of Tromsø)

**216. Establishing Two-Component Instruction Following With Children With Autism Using Multiple Exemplar Instruction** (VRB; Applied Research) FANNY SILVA (AFETO), Ana Eduarda Vasconcelos and Milena Pimentel (AFETO; Universidade Federal de Pernambuco), Daniela De Souza Canovas (Grupo Método - Intervenção Comportamental), and Caio F. Miguel (California State University, Sacramento)

**217. Pre-Treatment Verbal Functioning as a Predictor of Response to Parent-Implemented Verbal Behavior Intervention for Autism** (VRB; Applied Research) EMILY RAE CONNOVICH, Michelle Ennis Soreth, and Mary Louise E. Kerwin (Rowan University)

**218. Using Tact Training to Produce Emergent Relations Between Numbered Musical Notations and Notes in a female With Autism** (EDC; Applied Research) YI-CHIEH CHUNG (National Pingtung University)

**219. Methodology for Testing Whether Tokens Function as Reinforcers** (EAB; Applied Research) MEACHA LYNN COON, Jason C. Bourret, Stephanie Bonfante, Mary Katherine Carey, Joshua Jackson, and Julie M. Stine (The New England Center for Children)

**220. Effects of Self-Monitoring Strategy in Increasing On-Task Behavior of a Student With Autism Spectrum Disorder Without Teacher Observation** (AAB; Service Delivery) DAISUKE NAGATOMI and FumiYuki Noro (University of Tsukuba)

**221. Use of Flavor Spray to Decrease the Occurrence of Post-Meal Rumination** (DDA; Applied Research) ANTOINETTE DONALDSON (Children's Hospital Colorado) and Patrick Romani (University of Colorado, Anschutz Medical Campus)

**222. Extension of a Parent-Mediated Joint Attention Intervention With Generalization to Home Setting for Young Children With Autism** (DDA; Applied Research) BUKET ERTURK (University of Oregon), Sarah Grace Hansen (Georgia State University), and Wendy A. Machalicek (University of Oregon)

**223. Further Evaluation of Choice on Instructional Efficacy and Individual Preferences** (Applied Research) CHAVELYS VALLE, Yanerys Leon, and Johanna Sosa (Florida Institute of Technology); Andre V. Maharaj and Carolina Samitier (Florida Institute of Technology); and Meagan K. Gregory (Kennedy Krieger Institute)

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#### #464 Paper Session

3:00 pm–3:50 pm

Hyatt Regency, Centennial Ballroom H

AAB

#### Applied Animal Behavior: Research

Chair: Erin E. Watkins (Western Michigan University)

**Assessing Cat Preference for Social, Food, Toy and Scent Stimuli Using a Free-Operant Method**  
(Applied Research)

KRISTYN VITALE SHREVE and Monique Udell (Oregon State University)

**Influence of Training Procedures on Tobacco Generalization Performance in Scent Detection Rats**  
(Applied Research)

ERIN E. WATKINS (Western Michigan University), Timothy Edwards (University of Waikato), and Alan D. Poling (Western Michigan University)

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#### #465 Symposium

3:00 pm–3:50 pm

Convention Center Mile High Ballroom 4E/F

AUT/EDC: Applied Research

BACB/QABA CE Offered. CE Instructor: Lorraine A. Becerra, M.A.

#### Advancements in Teaching Appropriate Play Skills to Individuals With Autism Spectrum Disorder

Chair: Lorraine A. Becerra (Utah State University)

**Teaching Play Skills to Children With Autism: A Review of the Literature**

HEATHER PAINE and Tina Sidener (Caldwell University)

**An Evaluation of an iPad Based Photographic Activity Schedule to Increase Independent Play Skills for Young Children With Autism**

KASSIDY REINERT and Thomas S. Higbee (Utah State University)

**Teaching Children With Autism Pretend Play Using Video Modeling**

ASHLEY SIMMONS, Sarah Frampton, Sandra Shirk, Bethany Talmadge, Tom Cariveau, and Whitney Trapp (Marcus Autism Center) and M. Alice Shillingsburg (Marcus Autism Center; Emory University School of Medicine)

**#466 Symposium**

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3:00 pm–3:50 pm

Convention Center Mile High Ballroom 3B

AUT/EDC; Applied Research

BACB/QABA CE Offered. CE Instructor: Kimberly Sloman, Ph.D.

**Methods to Address Errors and Response Bias During Skill Acquisition for Learners With Autism**

Chair: Kimberly Sloman (Douglass Developmental Disabilities Center, Rutgers University)

**Using Functional Communication Training to Decrease Biased Responding During Receptive Identification Tasks in Individuals With Autism Spectrum Disorder**

AUDREY TORRICELLI, Robert W. Isenhower, Lara M. Delmolino Gatley Gatley, and Kimberly Sloman (Douglass Developmental Disabilities Center, Rutgers University) and Stacy Lauderdale-Littin (Monmouth University)

**Evaluation of Error-Correction Procedures During Chained Tasks for Learners With Autism**

STACY LAUDERDALE-LITTIN (Monmouth University), Melanie Erwinski, Jennifer Stracquadanio, Rachel Davis, Kimberly Sloman, and Douglas Stracquadanio (Rutgers University, Douglass Developmental Disabilities Center)

**Evaluation of Error-Correction Procedures During Sight Word Reading for Learners With Autism**

DOUGLAS STRACQUADANIO and Kimberly Sloman (Douglass Developmental Disabilities Center, Rutgers University), Stacy Lauderdale-Littin (Monmouth University), and Audrey Torricelli and Kyung Mo Nam (Douglass Developmental Disabilities Center, Rutgers University)

**#467 Symposium**

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3:00 pm–3:50 pm

Convention Center Mile High Ballroom 4C/D

AUT; Applied Research

BACB CE Offered. CE Instructor: Joanna Lomas Mevers, Ph.D.

**Innovations in Treatment for Automatically-Maintained Problem Behavior**

Chair: Joanna Lomas Mevers (Marcus Autism Center; Emory University School of Medicine)

Discussant: Mindy Christine Scheithauer (Marcus Autism Center; Emory University School of Medicine)

**Extensions of the Use of Free-Operant Competing Stimulus Assessment to Identify Competing Items Used in the Treatment of Stereotypy**

John T. Rapp, Erin Swinkels, and KRISTEN BROGAN (Auburn University) and Jennifer Lynn Cook, Kathryn McHugh, and Kathryn Mann (Monarch House)

**Use of Activity Schedules to Treat Automatically Maintained Problem Behavior**

JOELLE KRANTZ (Marcus Autism Center), Joanna Lomas Mevers and Mindy Christine Scheithauer (Marcus Autism Center; Emory University School of Medicine), and Kristina Gerencser (Marcus Autism Center)

**#468 Panel Discussion**

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3:00 pm–3:50 pm

Convention Center Mile High Ballroom 3C

AUT; Service Delivery

BACB CE Offered. CE Instructor: William Tim Courtney, Ph.D.

**A Mile in My Moccasins: What You Think You Know, But Don't Know About Being an Autism Parent**

Chair: William Tim Courtney (Little Star Center)

LORRI SHEALY UNUMB (Autism Speaks)

MICHELE TRIVEDI (The Arc of Indiana)

MARY ROSSWURM (Little Star Center)



## #469 Invited Presenter

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3:00 pm–3:50 pm

Convention Center Four Seasons Ballroom 1

AUT: Applied Research

BACB/QABA CE Offered. CE Instructor: Corinna F. Grindle, Ph.D.

### **We Can Teach You That Too! Using Behavior Analysis to Teach Reading, Maths, and Writing to Children With Autism**

Chair: Jessica L. Thomason-Sassi (The New England Center for Children)

CORINNA F. GRINDLE (Bangor University)



Corinna Grindle, Ph.D., has over 20 years of experience working with children with autism and related developmental disabilities. She obtained her undergraduate degree at the University of Warwick, and her Ph.D. at the University of Southampton, in 2004. She is a director of the Centre for Behaviour Solutions, a not-for-profit social enterprise that offers evidence-based specialist support for children and young people whose challenging behaviour is impacting negatively on their quality of life. Corinna has been a lecturer on the MSc in ABA at Bangor University since 2004 and taught numerous university courses for behaviour

analysts and specialists regarding autism, behaviour analysis, curriculum design and effective instruction. She is currently also an associate research fellow at the Centre for Educational Development Appraisal and Research, University of Warwick. She has been invited to present at national and international conferences regarding educational, behavioural and communicative issues relating to children and young people with autism. Corinna's research interests include early intervention, challenging behaviour, and fostering academic learning for students with moderate and severe learning disabilities. Her research has been published in journals including the *Journal of Applied Behavior Analysis*, *Behavior Modification*, *Behavioral Interventions*, *Journal of Autism and Developmental Disabilities*, and *Research in Developmental Disabilities*.

**Abstract:** There has been considerable interest in the use of applied behaviour analysis methods as a comprehensive intervention model for children with autism in home and centre-based or school-based settings. Recent systematic reviews and meta-analyses suggest positive outcome data, especially for cognitive, language, and adaptive skills. In addition to a focus on social, language and other adaptive skills, ameliorating academic skill deficits (in reading, writing and maths) is often a component of these programs. However, within the research literature on interventions for children with autism, investigating the best methods of teaching academics has received limited attention. In this presentation I will describe an approach for extending what we know about the psychology of learning to the teaching of academic skills to more fully account for the full range of skills that may be lacking in children with autism. I will describe three distinct strands of research that have effectively taught reading, maths and handwriting skills to children with autism. This talk will provide a new framework for developing and evaluating academic programs for children with autism.

## #470 Symposium

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3:00 pm–3:50 pm

Hyatt Regency, Capitol Ballroom 5-7

CBM/CSS

BACB CE Offered. CE Instructor: Dana Paliliunas, M.S.

### **A 'Reel' Problem: The Influence of Verbal and Contextual Variables on Gambling Behavior and Reducing the Negative Influence of Disordered Gambling**

Chair: Sarah Litten (The University of Southern Mississippi)

#### **Decreasing the Influence of Relational Verbal Networks on Gambling Behavior Through Therapeutic Exercises**

DANA PALILIUNAS and Jordan Belisle (Southern Illinois University), Ryan C. Speelman (Pittsburg State University), and Mark R. Dixon (Southern Illinois University)

#### **Using Behavioral Skills Training to Promote Optimal Blackjack Strategies**

RYAN C. SPEELMAN (Pittsburg State University), Mark R. Dixon and David Legaspi (Southern Illinois University), and Kyle E Rowsey (The University of Southern Mississippi)

#### **Losses Disguised as Wins in Slot Machines: A Case of Contingency Confusion**

JACOB H. DAAR (Northern Michigan University) and Ashley Shayter, Dana Paliliunas, and Mark R. Dixon (Southern Illinois University)



### #471 Symposium

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3:00 pm–3:50 pm

Hyatt Regency, Capitol Ballroom 4

CBM/CSS

BACB CE Offered. CE Instructor: Ashley Shayter, M.S.

#### **The Clinical Utility of Acceptance and Commitment Therapy in Diverse Settings**

Chair: Tyler S Glassford (Saint Louis University)

##### **Clinical Utility of Acceptance and Commitment Therapy in Early Childhood Settings**

HEATHER LYNN LEWIS (Saint Louis University), Tracy Crystal Lemler (Southern Illinois University), and Alyssa N. Wilson (Saint Louis University)

##### **Using Clinical Behavior Analytic Social Work Practice in Addiction Treatment Centers: Infusing Mindfulness and Acceptance Based Strategies During Group Sessions**

SHELBY BATES and Alyssa N. Wilson (Saint Louis University)

##### **Evaluating a Brief ACT intervention to Improve Direct Care Staff Performance During Crisis Intervention Encounters**

ASHLEY SHAYTER and Mark R. Dixon (Southern Illinois University)

### #472 Symposium

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Supervision

3:00 pm–3:50 pm

Convention Center Mile High Ballroom 1A/B

DDA; Service Delivery

BACB CE Offered. CE Instructor: Jennifer Lynn Hammond, Ph.D.

#### **Towards Higher Standards for the Practice of Behavior Analysis**

Chair: Jennifer Lynn Hammond (Center for Applied Behavior Analysis)

Discussant: Michele D. Wallace (California State University, Los Angeles)

##### **The Potential Impact of a Divide Between Science and Practice in the Field of Behavior Analysis**

BENJAMIN HEIMANN and Rachel Taylor (Center for Applied Behavior Analysis)

##### **Quality Control: An Assessment of the Current Status of Supervision for Behavior Analysts**

RICHARD COLOMBO, Rachel Taylor, and Jennifer Lynn Hammond (Center for Applied Behavior Analysis)

### #473 Paper Session

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3:00 pm–3:50 pm

Convention Center Mile High Ballroom 1C/D

DDA

#### **Adaptive Skill Training for Academic Settings**

Chair: Michael D. Hixson (Central Michigan University)

##### **Reading Assessment and Intervention for Children With Autism or an Intellectual Disability** (Service Delivery)

MICHAEL D. HIXSON (Central Michigan University)

##### **Intensive College Adaptive Skill Training Program for Adults With Intellectual Disabilities** (Applied Research)

CARMEN L. HALL (Fanshawe College)

### #474 Panel Discussion

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3:00 pm–3:50 pm

Hyatt Regency, Mineral Hall D-G

OBM; Service Delivery

BACB CE Offered. CE Instructor: Vivian A. Attanasio, M.S.

#### **Outside the Box: Better Outcomes Through Collaboration**

Chair: Vivian A. Attanasio (Services for the Underserved)

ASHELEY BLAISE (Services for the UnderServed, Inc.)

SAINDYSE GERMAIN (Services for the UnderServed, Inc.)

AMANDA DUVA (Services for the Underserved)

Monday, May 29

## #475 Invited Presenter

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3:00 pm–3:50 pm  
Hyatt Regency, Centennial Ballroom D  
OTH: Theory  
PSY/BACB CE Offered. CE Instructor: Francis Mechner, Ph.D.

### **A Behavioral Analysis of Aesthetic Responses** Chair: Peter R. Killeen (Arizona State University)

FRANCIS MECHNER (The Mechner Foundation; Columbia University)



Mechner received his doctorate in 1957 from Columbia University under Professors Keller and Schoenfeld, and continued on the teaching faculty until 1960. He did much of his work on the behavioral analysis of aesthetics during his years at Columbia (1948–1960), having spent his earlier years as a concert pianist, painter, and chess master. In the early 1960s he developed an instructional technology based on behavioral analysis and used it to create instructional programs for high schools, medical schools, industry, and government, and with UNESCO, to modernize science teaching internationally. Under government contracts he led the creation of prototype Job Corps Training Centers. In 1968, he founded and operated the original Paideia School, featuring individualized education. In 1970, he participated in the design of *Sesame Street*. With support from the U.S. Department of Health, Education, and Welfare, he created educational daycare systems for four states, and testified before the Senate Finance Committee in support of the Comprehensive Child Development Act of 1971. With endorsement from the Organisation for Economic Co-operation and Development, several countries, including Brazil, implemented Mechner’s manpower development technology. Mechner’s work has included laboratory research on operant behavior and resurgence; development of a formal symbolic language for codifying behavioral contingencies; founding and operating innovative schools; and conducting continuing R&D programs in educational technology.

**Abstract:** The responses we call aesthetic are instances of synergetic phenomena—elements interacting with a transformative effect. Such effects are pervasive in nature, as when chemical reagents react to create another substance, DNA creates organisms, or photosynthesis creates leaves. This conceptualization of aesthetic responses as synergetic phenomena puts the spotlight on the behavioral priming histories of audiences (viewers, listeners, etc.) with respect to the interacting elements—sounds, visual stimuli, words, abstract concepts, actions, or sensations. Aesthetic responses are complex, surprise-tinged emotional reactions. Artists, composers, poets, writers, performers, architects, or chefs create aesthetic effects by assembling such elements as ingredients of “synergetic brews.” To create these brews, they use a limited set of concept manipulation devices. Key factors that determine the aesthetic impact of such synergetic brews are prevailing behavioral contingencies and potentiating circumstances that act much like catalysts for the synergetic interaction—for instance, socio-cultural factors. Mechner shows how synergetic effects based on the use of the described concept manipulation devices are manifested in diverse art forms and disciplines—music, visual art, literature, humor, architecture, science, and so on. He also shows how some of these devices can be modeled in the laboratory, and proposes research strategies for increasing our understanding of the pervasive behavioral phenomenon we call aesthetics. Dr. Killeen will offer comments following Dr. Mechner’s paper.

## #476 Symposium

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3:00 pm–3:50 pm  
Convention Center Mile High Ballroom 2A  
PRA/OBM  
BACB CE Offered. CE Instructor: Jessica Zawacki, M.S.

### **Professional Collaboration Between Behavior Analysts and the Rest of the World: It’s Not So Tough** Chair: Gloria M. Satriale (Preparing Adolescents and Adults for Life)

#### **Issues in Behavioral Collaboration With Other Disciplines: Applying Our Way of Thinking to Working With Others**

GLORIA M. SATRIALE, Jessica Zawacki, Kaitlin Ross, and Lauren Erion (Preparing Adolescents and Adults for Life) and Thomas L. Zane (The University of Kansas)

#### **Using Preference Assessments to Increase Physical Activity of Youth in an After-School Program** PRIYA VANCHY (KU Work Group) and Courtney Moore and Jomella Watson-Thompson (The University of Kansas)

#### **A Data-Based Protocol for Reducing High Levels of Medication in Adolescents and Adults With Autism** JESSICA ZAWACKI and Gloria M. Satriale (Preparing Adolescents and Adults for Life) and Thomas L. Zane (The University of Kansas)

## #477 Symposium

3:00 pm–3:50 pm  
Convention Center Mile High Ballroom 2B  
PRA/OBM; Service Delivery  
BACB CE Offered. CE Instructor: Meghan Van Nostrand, M.S.

### Ensuring the Success of Behavior Therapists

Chair: Meghan Van Nostrand (ABACS)

#### Effects of Self-Evaluation on Training Practitioners

CHRISTINE AHERNE (Regis College; ABACS), Lauren Beaulieu (Regis College)

#### Predictors of Staff Retention and Performance Using Interview Data

Ashley Williams, Stephanie Phelan, and MIRANDA COURANT-MORGAN (ABACS)

#### Evaluating the Effects of Lay and Technical Terminology on the Procedural Integrity of Behavior Analytic Programming

Stephanie Phelan, HANNAH VANCE GREENWOOD, and Ashley Williams (ABACS); Lauren Werth (ABACS; Northeastern University); and Christine Aherne (ABACS)

## #478 B. F. Skinner Lecture Series

Recorded Session

3:00 pm–3:50 pm  
Convention Center Four Seasons Ballroom 4  
SCI; Basic Research  
PSY/BACB CE Offered. CE Instructor: Christine E. Hughes, Ph.D.

### Cannabis Dose-Effects Across Routes of Administration: Subjective, Performance, and Pharmacokinetic Differences

Chair: Christine E. Hughes (University of North Carolina Wilmington)

RYAN VANDREY (Johns Hopkins University)



Dr. Vandrey is an experimental psychologist with degrees from the University of Delaware (BA) and University of Vermont (Ph.D.). He is currently an associate professor at the Johns Hopkins University Behavioral Pharmacology Research Unit. Dr. Vandrey's research focuses on the behavioral pharmacology of cannabis (marijuana) with a primary focus of controlled laboratory studies with adult research volunteers, but also includes clinical trials, web-based survey research, and natural history studies with patient populations using cannabis/cannabinoids for therapeutic purposes. His work helped characterize the cannabis withdrawal syndrome, has provided novel data about the comparative pharmacokinetics and corresponding pharmacodynamics of cannabinoids across routes of administration, explored medications that are potential adjuncts to behavior therapy to improve rates of abstinence among individuals trying to quit using cannabis, examined the effects of cannabis on sleep, and provides information about the risks and benefits of medicinal use of cannabis/cannabinoids for various health conditions.

**Abstract:** The use of cannabis (marijuana) for medical and non-medical purposes is expanding worldwide and now includes legal retail outlets for purchasing cannabis products in many areas. Retail cannabis products are varied with respect to dose and intended route of administration, yet the preponderance of scientific data is limited to analysis of the effects of smoked cannabis. This presentation will summarize data from a series of controlled human laboratory studies evaluating the dose effects of oral, smoked, and vaporized cannabis in healthy, non-tolerant individuals. Outcome measures to be described include subjective ratings of drug effects, cardiovascular measures, cannabinoid quantitation in biological fluid, and performance on psychomotor, memory, and divided attention tasks. Implications of the study findings will be discussed with respect to regulation of medical and non-medical cannabis products, drug testing, and education.

## #479 Symposium

Supervision

3:00 pm–4:50 pm  
Convention Center Mile High Ballroom 4A  
AUT/DDA; Service Delivery  
BACB CE Offered. CE Instructor: Svein Eikeseth, Ph.D.

### Social and Nonsocial Stimuli as Reinforcers for the Behavior of Children With Autism Spectrum Disorders and Typically Developing Children

Chair and discussant: Kristine Safaryan (California State University, Los Angeles)

#### Effects of Quality of Praise on Discrimination Acquisition

JENNIFER REBECCA WEYMAN (University of South Florida) and Jolene R. Sy (University of Maryland, Baltimore County)

Monday, May 29

**A Comparison of Enthusiastic and Neutral Praise in Skill Acquisition in Children With Developmental Disabilities**

MEGAN HINDS (Lovaas Institute for Early Intervention) and Michele D. Wallace (California State University, Los Angeles)

**Praise Delivered in Excited Tone or Neutral Tone Affect the Behavior of Children With Autism Differently From That of Typically Developing Children**

SVEIN EIKESETH (Oslo and Akershus University College of Applied Sciences), Catherine M. Gale (UK Behaviour Analysis and Research Group CIC), Miriam Worku (UK Young Autism Project), and Sigmund Eldevik (Oslo and Akershus University College of Applied Sciences)

**Assessing Reinforcement Magnitude of Social and Nonsocial Stimuli in Children With Autism and Typically Developing Children Using a Progressive Ratio Reinforcement Schedule**

Svein Eikeseth (Oslo and Akershus University College of Applied Sciences) and CATHERINE M. GALE (UK Behaviour Analysis and Research Group CIC)

**#480 Symposium**

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3:00 pm–4:50 pm

Hyatt Regency, Mineral Hall A-C

CSS: Service Delivery

BACB CE Offered. CE Instructor: Ramona Houmanfar, Ph.D.

**Behavior Analysis and Social Issues: Do We Have a Role to Play?**

Chair: Ramona Houmanfar (University of Nevada, Reno)

Discussant: Mark A. Mattaini (Jane Addams College of Social Work-University of Illinois at Chicago)

**Examining the ABCs of Community Violence Through the Aim4Peace Violence Prevention Program**

JOMELLA WATSON-THOMPSON, Daryl E. Stewart, Courtney Moore, and Marvia Jones (The University of Kansas)

**The Role of Implicit Attitude Assessment in Behavior Analytic Interventions of Social Issues**

GREGORY SCOTT SMITH (University of Nevada, Reno School of Medicine); Ramona Houmanfar, Alison Szarko, and Jovonnie L. Esquierdo-Leal (University of Nevada, Reno); and Nicole Jacobs, Mary Froehlich, Timothy Baker, and Melissa Piasecki (University of Nevada, Reno School of Medicine)

**The Emergence and Decline of a Cultural Movement: A Behavior Science Perspective**

MARIA E. MALOTT (Association for Behavior Analysis International)

**Constraining Our Future Selves: Overcoming the Super Wicked Problem of Climate Change**

MARK P. ALAVOSIUS (Praxis2)

**#481 Symposium**

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3:00 pm–4:50 pm

Hyatt Regency, Centennial Ballroom E

EAB/AUT

BACB CE Offered. CE Instructor: Tyler Nighbor, M.A.

**Explorations of Extinction in Basic and Applied Research**

Chair: Forrest Toegel (West Virginia University)

Discussant: Michael E. Kelley (The Scott Center for Autism Treatment, Florida Institute of Technology)

**Control of Spontaneous Recovery by Temporally Sequenced Auditory Stimuli**

FORREST TOEGEL, Cory Whirtley, and Michael Perone (West Virginia University)

**Persistence of Responding Maintained by DRL Schedules**

TYLER NIGHBOR and Kennon Andy Lattal (West Virginia University)

**The Effects of Non-Contingent Reinforcement on Resurgence**

JESSICA LANGLEY and John Bai (University of Auckland) and Christopher A. Podlesnik (Florida Institute of Technology)

**Further Evaluation and Analysis of Differential Exposure to Establishing Operations During Functional Communication Training**

DANIEL R. MITTEER, Wayne W. Fisher, Brian D. Greer, Adam M. Briggs, and Ashley Marie Fuhrman (University of Nebraska Medical Center's Munroe-Meyer Institute); Patrick Romani (University of Colorado, Anschutz Medical Campus); and Amanda Zangrillo (University of Nebraska Medical Center's Munroe-Meyer Institute)

## #482 Symposium

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3:00 pm–4:50 pm

Hyatt Regency, Centennial Ballroom B/C

EAB/PCH; Basic Research

BACB CE Offered. CE Instructor: Elizabeth Kyonka, Ph.D.

### **Behavior Analytic Perspectives on Choice**

Chair: Elizabeth Kyonka (University of New England)

Discussant: Sheena Iyengar (Columbia Business School)

#### **Choice as Time Allocation**

WILLIAM M. BAUM (University of California, Davis)

#### **Choice and its Utility in Applied Behavior Analysis Research and Practice**

JOEL ERIC RINGDAHL (University of Georgia)

#### **Operant Behavioral Economics and Consumer Choice**

DONALD A. HANTULA (Temple University)

#### **Using Choice Procedures to Understand Brain Systems of Value**

SUZANNE H. MITCHELL (Oregon Health & Science University)

## #483 Paper Session

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3:00 pm–4:50 pm

Hyatt Regency, Centennial Ballroom A

EAB

### **Contemporary Research in the Experimental Analysis of Human Behavior**

Chair: Eric James French (Central Michigan University)

#### **Multiple Sources of Control in Multiple Schedules** (Basic Research)

ERIC JAMES FRENCH and Mark P. Reilly (Central Michigan University)

#### **Evaluating Resurgence Procedures in a Human Operant Laboratory** (Basic Research)

HYPATIA BOLIVAR, David J. Cox, Molly A. Barlow, and Jesse Dallery (University of Florida)

#### **Blocking of Stimulus Control and Conditioned Reinforcers in Rats and Children** (Applied Research)

HEIDI SKORGE OLAFF (Oslo and Akershus University College of Applied Sciences), Monica Vandbakk (Norwegian Association for Behavior Analysis; Oslo and Akershus University College), and Per Holth (Oslo and Akershus University College of Applied Sciences)

#### **Effects of Punishment on Verbal-Nonverbal Interactions** (Basic Research)

CAMILLO HURTADO-PARRADO, Mónica Andrea Arias Higuera, Alejandra Hurtado, Mariana Parra, Lucía Medina, Julian Cifuentes, Laura García, and Christian Sanchez (Konrad Lorenz Fundación Universitaria)

## #484 Symposium

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3:00 pm–4:50 pm

Convention Center 406/407

EDC/TBA; Applied Research

BACB CE Offered. CE Instructor: Cheryl J. Davis, M.S.

### **Assessing Different Methodology in Higher Education on Student Learning**

Chair: Sarah Russell (Sage Graduate School; ASPIRE LLC)

Discussant: Dana R. Reinecke (Long Island University Post)

#### **The Effects of Using Interactive Video Lectures on Student's Test Performance**

CHERYL J. DAVIS (Endicott College; SupervisorABA) and Thomas L. Zane (The University of Kansas)

#### **Evaluation of a Computer-Based See/Write Exercise on Quiz Performance in Higher Education Courses**

CHRISTOPHER J. PERRIN and David M. Wilson (Georgian Court University)

#### **Comparing Engagement Instruction Versus Lecture Instruction in an Undergraduate Classroom**

Andrea Mazo (Southern Illinois University Carbondale), WILLIAM ROOT (Southern Illinois University), David Legaspi (Southern Illinois University Carbondale), and RuthAnne Rehfeldt (Southern Illinois University)

#### **Assessing the Effects of Incorporating Optional Synchronous Video Discussions Into an Asynchronous Online Graduate Course**

NICOLE M. DAVIS and Laura L. Dudley (Northeastern University)

## #485 Symposium

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3:00 pm–4:50 pm  
Convention Center 403/404  
EDC/PRA; Applied Research  
BACB CE Offered. CE Instructor: Edward J. Daly, Ph.D.

### **Arranging Classroom Contingencies to Maximize Student Engagement and Task Completion While Minimizing Escape-Motivated Behavior**

Chair: Edward J. Daly (University of Nebraska-Lincoln)  
Discussant: Christopher Skinner (The University of Tennessee)

#### **Comparing the Effects of Fixed-Ratio and Variable-Interval Reinforcement Schedules on Problem Completion During Math**

BRITTANY PENNINGTON, Jennifer J. McComas, and Jessica J. Simacek (University of Minnesota)

#### **The Impact of Negative Reinforcement Contingent on Revision on Students' Writing: Can Writing Less Lead to Writing More?**

JILL HOLTZ, Pooja Parikh, Cassandra Renee Dietrich, and Nathan Speer (University of Nebraska-Lincoln)

#### **Functional Communication Training and Demand Fading Using Choice Making**

TONYA NICHOLE DAVIS, Regan Weston, Abby Hodges, Lauren Uptegrove, and Kristen Williams (Baylor University) and Kelly M. Schieltz (University of Missouri)

#### **Effects of Negative Reinforcement for Task Completion on Problem Behavior Maintained by Negative Reinforcement**

KELLY M. SCHIELTZ (University of Missouri), Alyssa N. Sues (Trinity Health), David P. Wacker and Jessica Schwartz (The University of Iowa), Nicole H. Lustig (Seattle Children's Hospital), and Jessica Detrick and Kristin Hathaway (University of Missouri)

## #486 Symposium

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3:00 pm–4:50 pm  
Hyatt Regency, Centennial Ballroom F/G  
PCH/CSS: Theory  
BACB CE Offered. CE Instructor: RuthAnne Rehfeldt, Ph.D.

### **Aesthetics and Behavior Analysis**

Chair and discussant: Ruth Anne Rehfeldt (Southern Illinois University)

#### **Aesthetic Behavior: Creating and Appreciating Art**

A. CHARLES CATANIA (University of Maryland, Baltimore County)

#### **Aesthetics in Appreciation and Explanation**

PHILIP N. HINELINE (Temple University)

#### **The Role of Multiple Control and Response Strength in Aesthetics**

DAVID C. PALMER (Smith College)

#### **Behavioral Functions of Aesthetic Arts**

TRAVIS THOMPSON (University of Minnesota)

## #487 Symposium

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3:00 pm–4:50 pm  
Convention Center 401/402  
TBA/EDC; Service Delivery  
BACB CE Offered. CE Instructor: Rocio Rosales, Ph.D.

### **Teaching Tacts to Create Treatment Integrity: Principles Involved, Related Phenomena, Practical Considerations, and Some Data**

Chair: Roger D. Ray ( (AI)2, Inc.; Rollins College)  
Discussant: Karen R. Wagner (Behavior Services of Brevard, Inc and TheBehaviorAnalyst.com)

#### **Transfer From Tacting Examples and Non-Examples of Skilled Behavioral Procedures to Later Performance of Those Procedures**

DAVID A. A. ECKERMAN (University of North Carolina, Chapel Hill), Genae Annette Hall and Robert G. Vreeland (Behavior Analysis Intervention Services), and Roger D. Ray ( (AI)2, Inc.; Rollins College)

#### **Using Train-to-Code to Teach Implementation of PECS® to Undergraduate Students**

ROCIO ROSALES and Nicole Martocchio (University of Massachusetts Lowell), David A. A. Eckerman (University of North Carolina, Chapel Hill), and Helena Whitlow (University of Massachusetts Lowell)

**A Preliminary Investigation of Train to Code for Teaching Match-to-Sample Skills**

RYLAND K. BAKER (Western New England University; The New England Center for Children); Kelly James, Danielle Dickie, and Allen J. Karsina (The New England Center for Children); and David A. A. Eckerman (University of North Carolina, Chapel Hill)

**Should Staff Training Be Guided By “IEPs”?**

ROGER D. RAY ( (AI)2, Inc.; Rollins College)

**#488 Symposium**

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3:00 pm–4:50 pm

Convention Center Mile High Ballroom 3A

VRB/AUT; Applied Research

BACB CE Offered. CE Instructor: Andrea Mazo, M.S.

**Recent Advances in Verbal Behavior Research**

Chair: David Legaspi (Southern Illinois University Carbondale)

Discussant: Einar T. Ingvarsson (University of North Texas)

**An Examination of the Metacontingency Utilizing Activities With Embedded Interlocking Contingencies to Promote Social Interactions**

MEGAN FULTS, William Root, Mariela Castro, Samantha Lee Kohn, and Christina L. Chancey (Southern Illinois University Carbondale) and RuthAnne Rehfeldt (Southern Illinois University)

**Motivating Operations and Tact Acquisition**

MIRELA CENGER (City University of New York, The Graduate Center) and Daniel Mark Fienup (Queens College, City University of New York)

**The Emergence of Intraverbals Following Equivalence-Based Instruction in a Young Male With Autism**

KELLY DELLA ROSA, Jamie Fitzgerald, Jaime DeQuinzio, and Bridget A. Taylor (Alpine Learning Group)

**Effects of Dictation Taking and Spelling Responses in Children While Using Overt Indicators to Measure Covert Processes**

ANDREA MAZO (Southern Illinois University Carbondale); RuthAnne Rehfeldt (Southern Illinois University); and Samantha Smalley, Samuel Nathan Krus, and David Legaspi (Southern Illinois University Carbondale)

**#489 Paper Session**

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4:00 pm–4:20 pm

Hyatt Regency, Centennial Ballroom H

AAB

**Applied Animal Behavior: Theory**

Chair: Lisa M. Todd (Wayne State University School of Medicine)

**Horsing Around With ABA: What Riding a 1,200 Pound Animal Can Teach You About Behavior (Theory)**

LISA M. TODD (Wayne State University School of Medicine) and James T. Todd (Eastern Michigan University)

**#490 Symposium**

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4:00 pm–4:50 pm

Convention Center Mile High Ballroom 3C

AUT; Applied Research

BACB CE Offered. CE Instructor: Michael Lamport Commons, Ph.D.

**Measuring Behavioral Development and Intervention in Autism Spectrum Disorder**

Chair: Michael Lamport Commons (Harvard Medical School)

Discussant: Saranya Ramakrishnan (Harvard School of Public Health)

**A Developmentally Based Behavioral Instrument to Assess Development and Progression of Autism**

NICHOLAS HEWLETT KEEN COMMONS-MILLER (Tufts University), Michael Lamport Commons (Harvard Medical School), and Dristi Adhikari (Dare Association)

**Findings From Measuring Developmental Outcomes in Autism Spectrum Disorder**

DRISTI ADHIKARI (Dare Association), Jeffery Baran (Northeastern University), and Michael Lamport Commons (Harvard Medical School)



## #491 Symposium

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4:00 pm–4:50 pm

Convention Center Mile High Ballroom 4E/F

AUT/PRA; Service Delivery

BACB CE Offered. CE Instructor: Ivy M. Chong Crane, Ph.D.

### **Assessing and Enhancing Discrete Trial Procedures to Maximize Learning for Children With ASD**

Chair: Sarah A. Lechago (University of Houston–Clear Lake)

#### **Discrimination Training to Produce Emergent Relations of Math Skills**

JEANINE R. TANZ and Ivy M. Chong Crane (Florida Institute of Technology; The Scott Center for Autism Treatment) and Madeleine Diane Keevy (Florida Institute of Technology)

#### **Evaluation of Stimulus Presentation Order on Rate of Acquisition**

MELINDA GALBATO (Florida Institute of Technology), Jeanine R. Tanz (Florida Institute of Technology; The Scott Center for Autism Treatment), Evelyn C. Sprinkle (Florida Institute of Technology), Ivy M. Chong Crane (Florida Institute of Technology; The Scott Center for Autism Treatment), Chana Gehrman (Kaleidoscope Interventions), and Kristin M. Albert (Florida Institute of Technology)

#### **A Further Analysis of Commission Errors During Discrete Trial Training**

ABIGAIL BLACKMAN (Florida Institute of Technology; The Scott Center for Autism Treatment), Sandhya Rajaagopal and Diana C. Carlos (Florida Institute of Technology), and Ivy M. Chong Crane (Florida Institute of Technology; The Scott Center for Autism Treatment)

## #492 B. F. Skinner Lecture Series

**Recorded Session**

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4:00 pm–4:50 pm

Convention Center Four Seasons Ballroom 4

BPN; Basic Research

PSY/BACB CE Offered. CE Instructor: Joshua Anthony Lile, Ph.D.

### **Cannabis Use Disorder: Determining Mechanisms and Developing Interventions**

Chair: Matthew W. Johnson (Johns Hopkins University School of Medicine)

JOSHUA ANTHONY LILE (University of Kentucky)



Joshua Lile is a tenured associate professor of behavioral science, psychiatry and psychology at the University of Kentucky. He earned a Ph.D. in pharmacology from Wake Forest with Mike Nader. His graduate research focused on the pharmacokinetic and pharmacodynamic determinants of the reinforcing effects of stimulants using non-human primate models of drug abuse. He then completed a post-doctoral fellowship in medical behavioral science at the University of Kentucky with Craig Rush and Tom Kelly, where he extended his expertise by studying substance use disorders using human laboratory methods. As a faculty member, Dr. Lile

established an independent program of research on cannabis use disorder aimed at identifying non-cannabinoid neurotransmitter systems involved in the abuse-related effects of cannabis and screening potential treatment interventions in cannabis users. During this time, he has also been involved as a co-investigator on several projects to develop interventions for stimulant use disorder, and recently he established and validated functionally equivalent IV cocaine self-administration procedures in humans and rhesus monkeys as a platform for translational research on mechanisms of cocaine reinforcement. Throughout his career, Dr. Lile has also been involved in research on the role of individual differences such as personality, sex and hormones, as well as the environment, on the abuse liability of drugs, and more recently has incorporated neuroimaging and non-invasive brain stimulation methods into his research. These scientific efforts have yielded over 60 original research articles. In addition to these research efforts, Dr. Lile is a member of the University of Kentucky Institutional Review Board, and is an active educator and mentor, particularly through his involvement in the Behavioral Science Department's Graduate Program in Clinical and Translational Science. In 2004, Dr. Lile received the American Psychological Association Division 28 Outstanding Dissertation Award, and in 2012, he received the College on Problems of Drug Dependence Joseph Cochin Young Investigator Award.

**Abstract:** The landscape surrounding cannabis use is changing dramatically. Legalized medical and recreational use is spreading, habitual use is growing, perceptions of harm are decreasing and the concentration of THC, the main psychoactive ingredient, is rising; consequently, increased problems associated with cannabis use have been predicted. A better understanding of the mechanisms that underlie cannabis use disorder and effective treatments are therefore needed. This presentation will describe the use of human drug discrimination procedures to determine the neuropharmacological mechanisms of the interoceptive effects of THC and identify targets for treatment. This research has demonstrated that GABA and voltage-dependent calcium channels (VDCC) are involved in the response to cannabis in humans. This presentation will then discuss the use of human laboratory drug self-administration procedures, combined with medication maintenance, as a strategy for determining the initial safety, tolerability and efficacy of ligands at these targets as potential treatments. Studies with the GABA reuptake inhibitor tiagabine and the VDCC ligand pregabalin will be described. Lastly, the presentation will include initial results from research that has integrated neuroimaging, non-invasive electrical brain stimulation and acute drug administration techniques to study cannabis-use disorder.

## #493 Panel Discussion

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4:00 pm–4:50 pm

Hyatt Regency, Capitol Ballroom 4

CBM: Applied Research

BACB CE Offered. CE Instructor: Gretchen A. Dittrich, Ph.D.

### **Behavioral Medicine SIG of ABA-I presents: Treatment Adherence in Behavioral Medicine Research: Challenges, and Suggestions for Improvement**

Chair: Gretchen A. Dittrich (Simmons College)

GRETCHEN A. DITTRICH (Simmons College)

SANDY JIN (Eastern Connecticut State University)

JESSICA R. NEWMAN (Simmons College)

## #494 Invited Presenter

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4:00 pm–4:50 pm

Hyatt Regency, Mineral Hall D-G

CSS; Theory

PSY/BACB CE Offered. CE Instructor: Bernard Guerin, Ph.D.

### **Rethinking Mental Health: A “Post-Internal” Analysis of the Behaviours and Contexts Found in “Mental Health” Symptoms, the DSM, and Psychological Therapies**

Chair: Susan M. Schneider (University of the Pacific)

BERNARD GUERIN (University of South Australia)



Bernard Guerin is professor of psychology at the University of South Australia, where he teaches social and community behaviour, language and discourse analysis, and social science interventions. He trained at the Universities of Adelaide (Ph.D.) and Queensland (postdoctoral), and then taught at James Cook University and the University of Waikato (NZ). His broad goal has been to integrate social and community psychology, discourse analysis and behaviour analysis with the other social sciences into an a-disciplinary framework that can be used for practical analysis and intervention. Most of his research is focused on working alongside communities, primarily on issues of responding to racism, mental health, mobility, sustainability of communities, and attachment to country. He has worked in partnership with Indigenous Australian, Maori, Somali refugee, and migrant communities.

**Abstract:** In this talk I will discuss how we can analyse “mental health” symptoms, the *DSM* and psychological therapies as behaviours-in-context. The main focus will be on the social, economic, societal and cultural contexts, and showing the historical invention and development of “mental health” metaphors as western societies changed. Along the way I will illustrate with examples drawn from my participatory research on the “mental health” of Indigenous and refugee communities. The discussion will also highlight what needs to be changed within behaviour analysis if it wishes to engage more in social and community research.

## #495 Symposium

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Ethics

4:00 pm–4:50 pm

Convention Center Mile High Ballroom 1C/D

DDA/CSS; Service Delivery

BACB CE Offered. CE Instructor: Laura Bassette, Ph.D.

### **Considerations for Collaborative Service Delivery**

Chair: Laura Bassette (Ball State University)

#### **Ethical Collaboration in Behavior Analysis**

LAURA BASSETTE (Ball State University)

#### **Promoting Positive Collaboration Between Parents of Children With Autism and Educators Using Behavior Analysis**

JESSICA BOSTIC and Laura Bassette (Ball State University)

#### **Common Challenges to Providing Ethically Appropriate Evidence-Based Practice in ICF/ID and Waiver Funded Settings**

FRITZ KRUGGEL (Supportive Community Innovations)

Monday, May 29

#### #496 Paper Session

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4:00 pm–4:50 pm  
Convention Center Mile High Ballroom 1A/B  
DDA

##### **Teaching ABA-Based Skills to Professional Care Providers**

Chair: Ken Winn (Firefly Autism)

##### **Using Self-Instructional Manuals to Teach Direct Stimulus Preference Assessment Procedures: Four Studies** (Applied Research)

C. T. YU, Duong Ramon, and Lindsay Wishnowski (St. Amant Research Centre; University of Manitoba); Carly Chand (St. Amant Research Centre); Morena Miljkovic (University of Manitoba); Toby L. Martin (St. Amant Research Centre; University of Manitoba); and Joseph J. Pear and Garry L. Martin (University of Manitoba)

##### **Demand Fading for Dummies: A How-To for Clinicians Seeking to Treat Escape Maintained Problem Behaviors** (Service Delivery)

KEN WINN (Firefly Autism) and David Barton (Creating Brighter Futures)

#### #497 Panel Discussion

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4:00 pm–4:50 pm  
Convention Center 405  
EDC; Service Delivery  
BACB CE Offered. CE Instructor: Janet S. Twyman, Ph.D.

##### **Behavioral Instruction in the Mainstream: Headsprout's Accomplishments and Challenges**

Chair: Janet S. Twyman (Center on Innovations in Learning)

CORINNA F. GRINDLE (Bangor University)

MARTA LEON (Learning A-Z)

PATRICK B. MARCOTTE (Learning A-Z)

#### #498 Panel Discussion

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4:00 pm–4:50 pm  
Hyatt Regency, Granite  
OBM; Service Delivery  
BACB CE Offered. CE Instructor: Richard E. Laitinen, Ph.D.

##### **Web Technologies for ABA: The Perils and Benefits**

Chair: Richard E. Laitinen (Personalized Accelerated Learning Systems)

JAMES W. PARTINGTON (Behavior Analysts, Inc.)

ESTHER THANE (MundoPato)

CORY EDWARDS (MundoPato)

#### #499 Panel Discussion

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**Ethics**

4:00 pm–4:50 pm  
Convention Center Mile High Ballroom 2C  
PRA; Service Delivery  
BACB CE Offered. CE Instructor: Frank R. Cicero, Ph.D.

##### **Risky Business Revisited: Ethics, Interventions, and Consultation in the Area of Sexuality**

Chair: Worner Leland (Upswing Advocates)

SORAH STEIN (Partnership for Behavior Change)

FRANK R. CICERO (Seton Hall University)

KIMBERLY E. CHURCH (Human Development Center)

#### #500 Paper Session

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4:00 pm–4:50 pm  
Convention Center 304  
TBA

##### **Methods for Training Post-Secondary Students**

Chair: Sal Ruiz (The Pennsylvania State University)

##### **An Examination of Graphical Displays for Functional Analysis Data** (Theory)

SAL RUIZ (The Pennsylvania State University)

##### **Training Undergraduate Students to Work With Adolescents to Decrease Disruptive Behavior Through a Mentoring Program** (Service Delivery)

KRISTINE TURKO (Spectrum Education Center; University of Mount Union)

## #501 Paper Session

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4:00 pm–5:50 pm  
Convention Center Mile High Ballroom 3B  
AUT

### Teaching Life Skills to Individuals With Autism Spectrum Disorders

Chair: Dianne Zeigler (Temple University)

#### Teaching Adolescents With Autism to Order in a Fast Food Restaurant Using Least to Most Prompting (Applied Research)

DIANNE ZEIGLER, Shana E. Hornstein, and Amanda Guld Fisher (Temple University)

#### Teaching Daily Living Skills to Individuals With Autism: A Comparison of Two Instructional Methods (Applied Research)

JENNIFER WERTALIK (The Pennsylvania State University)

#### Component Analysis of a Feeding Intervention With Siblings as Peer Models for Children With Autism (Applied Research)

HEATHER SKINNER, James A. Sherman, and Jan B. Sheldon (The University of Kansas)

#### Treating Sleep Disturbance in Children With Autism: An Investigation Into Primary and Secondary Outcomes (Applied Research)

LAURIE MCLAY, Karyn France, Neville Morris Blampied, Jacqui Knight, Brent Hastie, Jenna van Deurs, and Jolene Hunter (University of Canterbury)

## #502 Symposium

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4:00 pm–5:50 pm  
Convention Center Mile High Ballroom 2B  
PRA/DDA; Service Delivery  
BACB CE Offered. CE Instructor: Caitlin H. Delfs, Ph.D.

### Utilizing Qualitative Methods to Inform Behavior Analytic Research

Chair: Caitlin H. Delfs (Marcus Autism Center; Emory School of Medicine; Children's Healthcare of Atlanta)

Discussant: Jennifer R. Zarcone (Kennedy Krieger Institute)

#### Utilizing Focus Groups to Inform Behavioral Parent Training for Caregivers With Limited English Proficiency

Caitlin H. Delfs (Marcus Autism Center; Emory School of Medicine; Children's Healthcare of Atlanta) and BHAVNA KANSAL, William Walton, and Claire Lea (Marcus Autism Center)

#### Integrating Stakeholder Feedback into a Comprehensive, School-Wide Intervention Through Qualitative Research Methodology

Krystal M. McFee (University of South Florida), SUZANNAH J. IADAROLA (University of Rochester), Sheri Grace (Appalachian State University), Sharon Hodges (University of South Florida), Rose Iovannone (University of South Florida; Florida Mental Health), Tristram Smith (University of Rochester Medical Center), and Cynthia M. Anderson (The May Institute)

#### An Analysis of Caregiver Buy in for a Parent Training Program Targeting Problem Behavior

WILLIAM WALTON (Marcus Autism Center; Children's Healthcare of Atlanta), Mindy Christine Scheithauer (Marcus Autism Center; Emory School of Medicine; Children's Healthcare of Atlanta), Jamieson Ekstrom (Marcus Autism Center), Sarah J. Miller (Marcus Autism Center; Emory University School of Medicine), and Joanna Lomas Mevers and Nathan Call (Marcus Autism Center)

#### Beyond Percent Reduction: Global Outcomes of Interventions for Problem Behavior

JOANNA LOMAS MEVERS (Marcus Autism Center; Children's Healthcare of Atlanta; Emory School of Medicine), Sarah J. Miller (Marcus Autism Center; Emory University School of Medicine), and Whitney Turbyfield and Nathan Call (Marcus Autism Center)

## #503 Invited Presenter

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5:00 pm–5:50 pm

Hyatt Regency, Centennial Ballroom D

BPN; Basic Research

PSY/BACB CE Offered. CE Instructor: Brian D. Kangas, Ph.D.

### Recent Advances in the Behavioral Pharmacology of Cannabis

Chair: Carla H. Lagorio (University of Wisconsin-Eau Claire)

BRIAN D. KANGAS (Harvard Medical School)



Dr. Brian Kangas is an associate psychobiologist at McLean Hospital and Assistant Professor of Psychiatry at Harvard Medical School. After training in the experimental analysis of behavior at Southern Illinois University and the University of North Texas, he earned his Ph.D. at the University of Florida under the tutelage of Dr. Marc Branch. He then completed a postdoctoral fellowship in the Behavioral Biology Laboratory at Harvard Medical School. Dr. Kangas has served on the editorial board of the *Journal of the Experimental Analysis of Behavior*, is the recipient of several research awards including the B. F. Skinner New Researcher Award from

the American Psychological Association, and has grant funding from the National Institute on Drug Abuse and National Institute of Mental Health. Dr. Kangas teaches operant principles to undergraduates, graduate students, and medical students in a course on behavioral pharmacology at Harvard originally founded by Drs. Peter Dews and Bill Morse. His research program focuses on the development and empirical validation of animal models and apparatus to assay complex behavioral processes relevant to pain perception, addiction, and other neuropsychiatric conditions.

**Abstract:** Marijuana is the most commonly used illicit drug in the United States with recent surveys estimating over 22 million current (past month) users. However, there is growing acceptance of its recreational use, evident by successful efforts to decriminalize and, in some states like Colorado, legalize use. In addition, although the full medicinal value of cannabis is not yet understood, such cannabinergic effects are of known benefit in the palliative care of anorectic patients undergoing chemotherapy or suffering debilitating conditions such as AIDS or Alzheimer's disease. This has led to a broadening interest in the clinical utility of drugs that target the endocannabinoid system. In this regard, however, delta-9-tetrahydrocannabinol, the primary psychoactive ingredient in marijuana, is generally acknowledged to produce some unwanted effects in humans. These include deleterious effects on several types of complex behavior, especially related to learning, memory, and vigilance. Employing operant techniques in nonhuman primates such as drug discrimination, self-administration, nociception assays, and touchscreen-based models of learning and memory, this presentation will highlight recent advances in the understanding of THC's effects on complex behavioral processes and, as well, efforts to develop drugs that engage the cannabinergic system and retain medicinal value, yet produce lesser adverse psychoactive effects.

## #504 Symposium

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5:00 pm–5:50 pm

Hyatt Regency, Centennial Ballroom B/C

EAB

BACB CE Offered. CE Instructor: Matthew L. Johnson, M.S.

### Those Bugs Can Do What? Exploring the Learning Abilities of Invertebrates

Chair: Matthew L. Johnson (Southern Illinois University Carbondale)

#### Assessment of the Reinforcement and Stimulant Properties of Nicotine Metabolites

BRADY J. PHELPS, Tayler Hutchinson, Katie Lang, and Shafiqur Rahman (South Dakota State University)

#### A Systematic Investigation of Residual Chemicals in Madagascar Hissing Cockroach Performance

NICOLE TAKLE and Benjamin N. Witts (St. Cloud State University)

#### Towards an Invertebrate Model of Avoidance and Escape

LINDA MUCKEY and Mark R. Dixon (Southern Illinois University)

## #505 Panel Discussion

## Student Committee Event

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5:00 pm–5:50 pm

Hyatt Regency, Centennial Ballroom A

EAB; Applied Research

BACB CE Offered. CE Instructor: Ashley Marie Fuhrman, M.A.

### Professional Development Series: Translational Research: Implications and Future Directions

Chair: Ashley Marie Fuhrman (Munroe-Meyer Institute, University of Nebraska Med)

WAYNE W. FISHER (University of Nebraska Medical Center's Munroe-Meyer Institute)

F. CHARLES MACE (Nova Southeastern University)

TONY NEVIN (The University of New Hampshire)

## #506 Symposium

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5:00 pm–5:50 pm

Hyatt Regency, Centennial Ballroom E

EAB/VRB

BACB CE Offered. CE Instructor: Kathryn M. Kestner, Ph.D.

### **Our Own Verbal Behavior: Fifty Years as Participant-Observer. EAHB SIG Award: Dr. Philip N. Himeline**

Chair: Philip N. Himeline (Temple University)

Discussant: Claudia Drossel (Eastern Michigan University)

#### **Learning Labels for Relationships I Already Understood: Celebrating the Achievements of Dr. Philip N. Himeline**

J. ADAM BENNETT (Western Michigan University)

#### **EAHB SIG Distinguished Contributions Award: Dr. Philip N. Himeline**

KATHRYN M. KESTNER (West Virginia University)

## #507 Panel Discussion

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5:00 pm–5:50 pm

Convention Center 403/404

EDC; Service Delivery

BACB CE Offered. CE Instructor: Traci M. Cihon, Ph.D.

### **No, You Cannot Just Sit There and Listen: The Research and Pragmatics of Interteaching Challenges**

Chair: Amy Murrell (University of North Texas)

TRACI M. CIHON (University of North Texas)

KAREN KATE KELLUM (University of Mississippi)

NANCY A. NEEF (The Ohio State University)

## #508 Panel Discussion

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5:00 pm–5:50 pm

Convention Center 405

EDC; Service Delivery

BACB CE Offered. CE Instructor: James Moore, Ph.D.

### **Behavior Analysts' Role in Higher Education and University Settings**

Chair: Gina Boullion (University of Mississippi)

ALLISON GOHRING (Lindenwood University)

RUSSELL W. MAGUIRE (Simmons College)

JAMES MOORE (The University of Southern Mississippi)

## #509 Panel Discussion

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**Student Committee Event**

5:00 pm–5:50 pm

Hyatt Regency, Centennial Ballroom F/G

PCH; Theory

### **Professional Development Series: Female Leadership in Behavioral Science: Challenges, Opportunities and Future Directions**

Chair: Christina M. Peters (University of Nevada, Reno)

LINDA J. PARROTT HAYES (University of Nevada, Reno)

RAMONA HOUMANFAR (University of Nevada, Reno)

CAROL PILGRIM (University of North Carolina Wilmington)

## #510 Panel Discussion

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5:00 pm–5:50 pm

Convention Center Mile High Ballroom 2C

PRA; Applied Research

BACB CE Offered. CE Instructor: Ryan Lee O'Donnell, M.S.

### **Disseminating Behavior Analysis: Novel Applications and Additional Avenues**

Chair: Ryan Lee O'Donnell (Institute of Meaningful Instruction, Bx+)

RYAN LEE O'DONNELL (Institute of Meaningful Instruction)

GREG STIKELEATHER (Los Angeles, CA)

APRIL M. BECKER (The University of Texas Southwestern Medical Center)

**Monday, May 29**

## #511 Symposium

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5:00 pm–5:50 pm

Convention Center Mile High Ballroom 3A

VRB/AUT

BACB CE Offered. CE Instructor: Christopher A. Tullis, Ph.D.

### **Instructional Arrangements to Promote Intraverbal Emergence**

Chair: Christopher A. Tullis (Georgia State University)

#### **The Effects of Training Multiple Unidirectional Intraverbal Relations on the Emergence of Bidirectional Relations With Children With Autism**

JAMIE FETZER and April N. Kisamore (Caldwell University), Amanda Karsten (Western New England University), and Jason C. Vladescu and Catherine Taylor-Santa (Caldwell University)

#### **A Clinical Application of Procedures to Promote the Emergence of Untrained Intraverbal Relations With Children With Autism**

STACY CLEVELAND (Marcus Autism Center), M. Alice Shillingsburg (Marcus Autism Center; Emory University School of Medicine), and Sarah Frampton and Tom Cariveau (Marcus Autism Center)

#### **Enhancing Instruction via Instructive Feedback for a Child With Autism Using a Speech Generating Device**

VIDESHA MARYA (Marcus Autism Center), Christopher A. Tullis (Georgia State University), M. Alice Shillingsburg (Marcus Autism Center; Emory University School of Medicine), and Emma Jensen and Shoma Sajan (Marcus Autism Center)

## #512 Special Event

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6:00 pm–6:50 pm

Convention Center Four Seasons Ballroom 2-4 (Plenary)

OTH

PSY/BACB CE Offered. CE Instructor: M. Jackson Marr, Ph.D.

### **Presidential Address: Identity**

Chair: M. Jackson Marr (Georgia Tech)

#### **Presidential Address: Identity (Theory)**

MICHAEL J. DOUGHER (University of New Mexico)



Dr. Michael J. Dougher is professor of psychology at the University of New Mexico, which is but the tip of the iceberg when it comes to describing the breadth and crosscurrents of teaching, research, and service in his distinguished career. Trained at the University of Illinois, Chicago as a clinical psychologist, his career exemplifies the scientist-practitioner model of that discipline. He has published widely on the analysis and treatment of such clinical problems as pain, depression, and addictive behavior. His research, however, has extended far beyond the traditional boundaries of clinical psychology. He has brought creative basic analyses of verbal behavior

and stimulus equivalence to bear on the understanding of not only the origins of clinical syndromes, but also new possible lines of approaches to their treatment. These complementary analyses of basic and applied research earned him the APA Division 25 Don Hake Award. Along these same lines, it is telling to note that Dr. Dougher served concurrently on ABA's Practice Board and as the experimental representative to its executive council. His record of service also includes terms as president of ABA and APA's Division 25, and on numerous boards and task forces related to professional issues in psychology. On these boards and task forces, he consistently has been a strong, thoughtful, and diplomatic representative of a behavior analytic perspective. These same adjectives characterize his editorial contributions to behavior analysis, as editor of *The Behavior Analyst*, associate editor of the *Journal of the Experimental Analysis of Behavior*, and as a member of the editorial boards of six other journals. In addition, Dr. Dougher has provided equally exceptional service to his students and university. This mentor of 25 doctoral students has received several teaching awards, including being named the University of New Mexico Teacher of the Year in 1995. Prior to his present appointment, he served as the department's director of clinical training and also department chair, then associate dean for research in the College of Arts and Sciences, then senior vice provost for Academic Affairs, and thereafter as the University of New Mexico's vice president for research.

**Abstract:** The word identity seems ubiquitous. It is a focus of contemporary social science, appears regularly in the media, and occurs increasingly often in everyday conversation, especially on college campuses and among the cultural cognoscenti. Typically, it is used as or paired with a descriptor—such as gender identity, ethnic identity, or identity crisis—and then offered as an explanation of some behavioral phenomena, including gender and ethnic differences, the results of presidential elections, and even B. F. Skinner's enrollment in graduate school following his "dark year" as a fledgling writer. While behavior analysts eschew such explanations, most people, including most behavioral and social scientists, are more interested in the temporally extended patterns of complex behavior subsumed by terms like identity than they are in the foci of much current behavior analytic research. Cogent behavioral accounts of identity and related phenomena



are available, but typically garner little attention. Borrowing from these, a behavior analysis of identity is presented and then used to reflect on the identity of behavior analysis itself. If identity consists of patterns of behavior, it appears that our identity is changing. Within behavior analysis, the extraordinary success of the applied wing has overshadowed our identity as a basic behavioral science. Outside behavior analysis, our identity as a viable, comprehensive behavioral science has diminished. We appear to be having an identity crisis, and if it is important to retain our scientific identity, we need to address it.

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### #513 Business Meeting

7:00 pm–7:50 pm  
Convention Center 301

#### **An Introduction to BACB Certification**

Chair: Emily White (Behavior Analyst Certification Board)

This meeting will review the Behavior Analyst Certification Board (BACB), including information on BACB credentials, eligibility requirements, approved course sequences, examination administration, and applying for examination. This meeting is intended for individuals seeking certification as BCBA or BCaBAs.

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### #514 Business Meeting

7:00 pm–7:50 pm  
Convention Center 302

#### **Georgia Association for Behavior Analysis Business Meeting**

Chair: Mindy Christine Scheithauer (Marcus Autism Center)

The Georgia Association for Behavior Analysis (GABA) is dedicated to supporting behavior analysts in the state of Georgia. We have several goals dedicated to advancing behavior analysis in Georgia. First, we provide a professional network resource for behavior analysts in Georgia. Through this network, we promote collaboration, dissemination of recent research, sharing ideas, and discussing needs. Second, we promote the ethical and effective use of behavior analysis and encourage ethical practice through offering live continuing education in this domain during our annual conference as well as postings related to current information in the field. Third, we serve as a resource for caregivers and other individuals seeking ABA services in Georgia. Lastly, we host an annual regional ABA conference where we provide continuing education through presentations from leading researchers in the field of behavior analysis, as well as events to promote local networking. The purpose of the current meeting is for all committee members to provide updates on current projects and how these projects are working towards advancing the goals of GABA. We will also provide an overview of the 2016 conference as well as complete planning for the 2017 conference. Last, changes in bylaws made in 2016 will be reviewed.

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### #515 Business Meeting

7:00 pm–7:50 pm  
Convention Center 303

#### **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' and members' interests and needs; foster collaborations and the sharing of information; and encourage education, training, practice, and research. In addition to general administrative matters related to the structure of the SIG, an important business item is the discussion of the results of a recent membership survey.

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### #516 Business Meeting

7:00 pm–7:50 pm  
Convention Center 304

#### **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 just about any situation that may involve psychological distress. 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.

**Monday, May 29**

### #517 Business Meeting

7:00 pm–7:50 pm  
Convention Center 401/402

#### **Behavior Analysis and Selectionist Robotics SIG**

Chair: Richard D Weissman (Behavior Analysis)

This is an open business meeting for the BA and Selectionist Robotics SIG of ABAI. All interested are welcome to attend. Behavior analysis has contributed to the field of robotics since the 1990s. “Skinner bots” and operant conditioning theory applied to robotics development have helped to advance the field.

### #518 Business Meeting

7:00 pm–7:50 pm  
Convention Center 403/404

#### **New Hampshire Applied Behavior Analysis**

Chair: Kim M. Kelly (The Institute of Professional Practice, Inc.)

Meeting open to all interested in discussing the business of New Hampshire ABA.

### #519 Special Event

8:00 pm–12:00 am  
Hyatt Regency, Centennial Ballroom A

#### **ABAI Social**

Chair: M. Jackson Marr (Georgia Tech)

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!

## Nearby Restaruant

### CAFÉS, BREAKFAST, & COFFEE

**Corner Bakery Café:** 500 16th St. and 1147 16th St.

**The Delectable Egg:** 1625 Court Pl.

**PaneraBread:** 1380 16th St.

**Ink! Coffee:** 618 16th St.

### FOOD ON THE GO

**Duck Soup:** 303 16th Street Mall.

**Jason’s Deli:** 702 16th St.

**Jimmy John’s Gourmet Sandwiches:** 622 16th St.

**MAD Greens:** 1600 Stout St.

**Modern Market:** 900 16th St.

**Tuscany Coffee & Deli:** 1600 Stout St.

### CASUAL & UPSCALE DINING

**1515Restaurant:** 1515 Market St.

**Earls Kitchen + Bar:** 1600 Glenarm Pl., Ste. 140.

**Hard Rock Café:** 500 16th St.

**Honor Society Handcrafted Eatery:** 1900 16th St. Ste. 150

**The Kitchen:** 1530 16th St.

**Marlowe’s Restaurant Downtown:** 501 16th St.

**Mellow Mushroom Pizza Bakers & Bar:** 1201 16th St.

**Paramount Café:** 519 16th St.

**Rialto Café:** 934 16th St.

### BURGERS, STEAKS & GRILLS

**5280 Burger Bar:** 16th Street Mall Pavilions

**Appaloosa Grill:** 535 16th St.

**BD’s Mongolian Grill:** 1620 Wazee St.

**Saltgrass Steak House:** 1585 Lawrence St.

### ETHNIC RESTAURANTS

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**Rio Grande Mexican Restaurant:** 1525 Blake St.

**Hapa Sushi Grill and Sake Bar:** 1514 Blake St.

### TAVERNS & BREWERIES

**Henry’s Tavern:** 500 16th St.

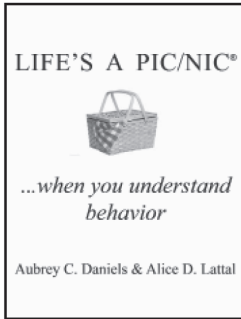
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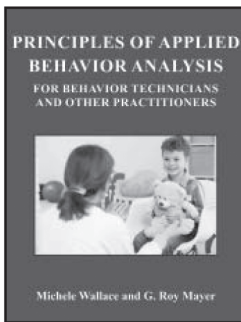
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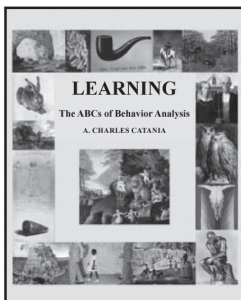
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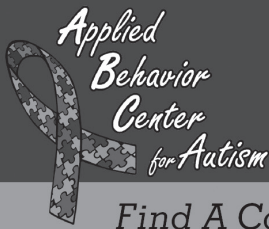
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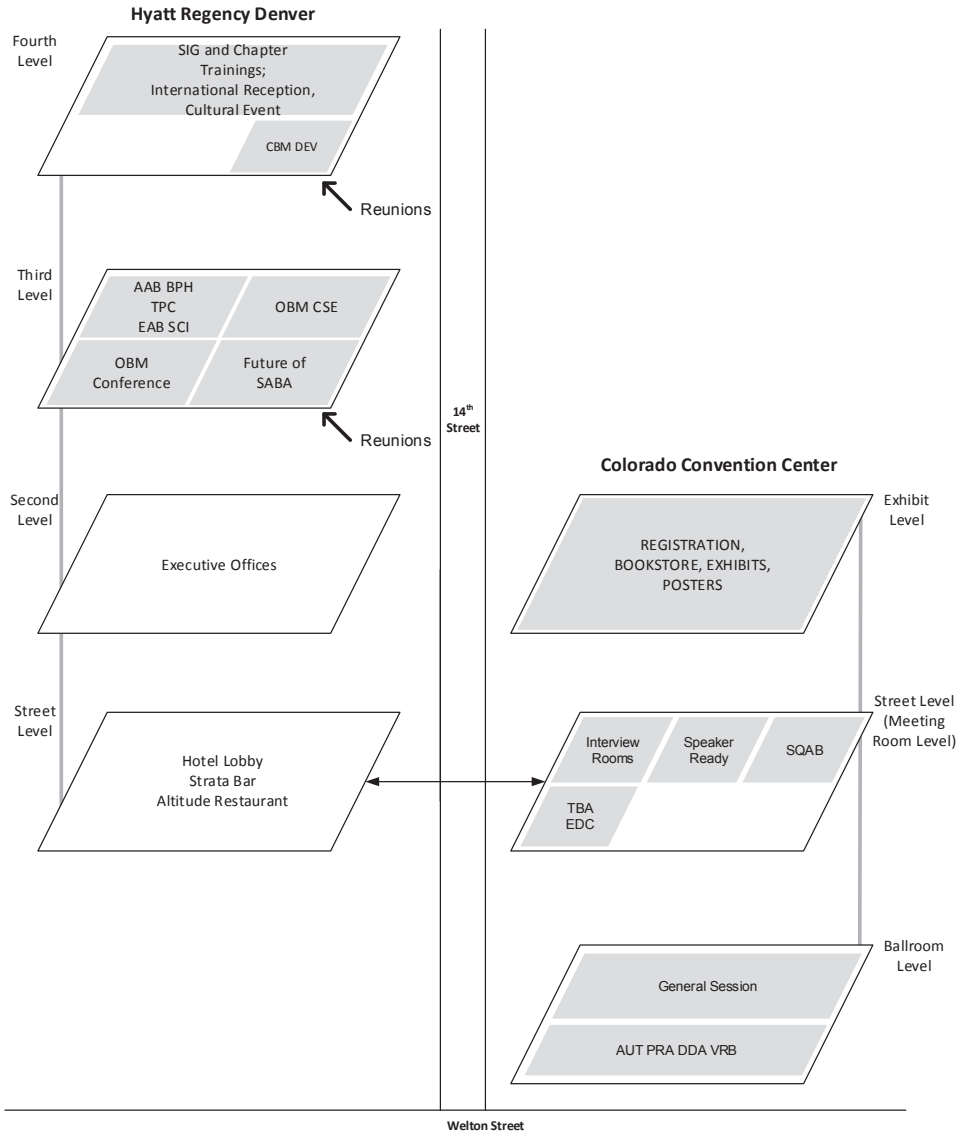


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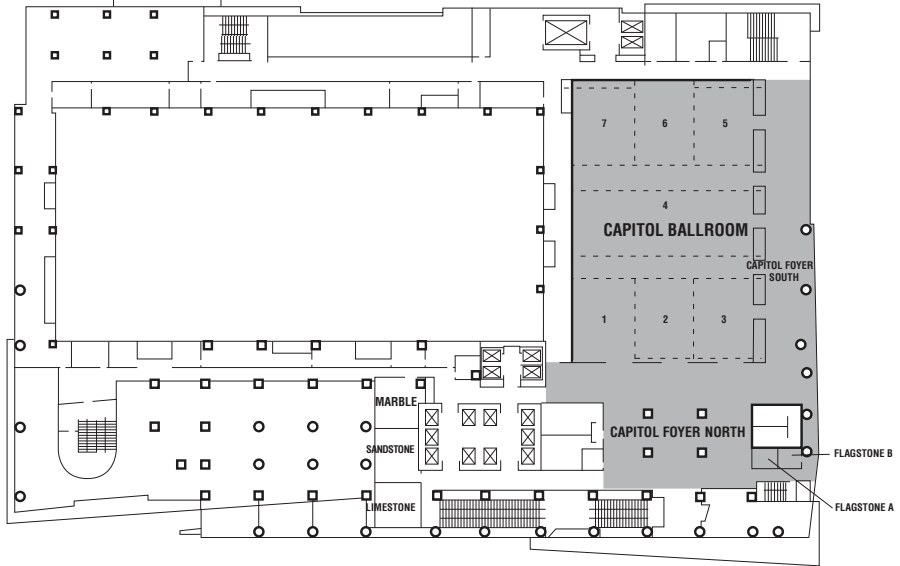
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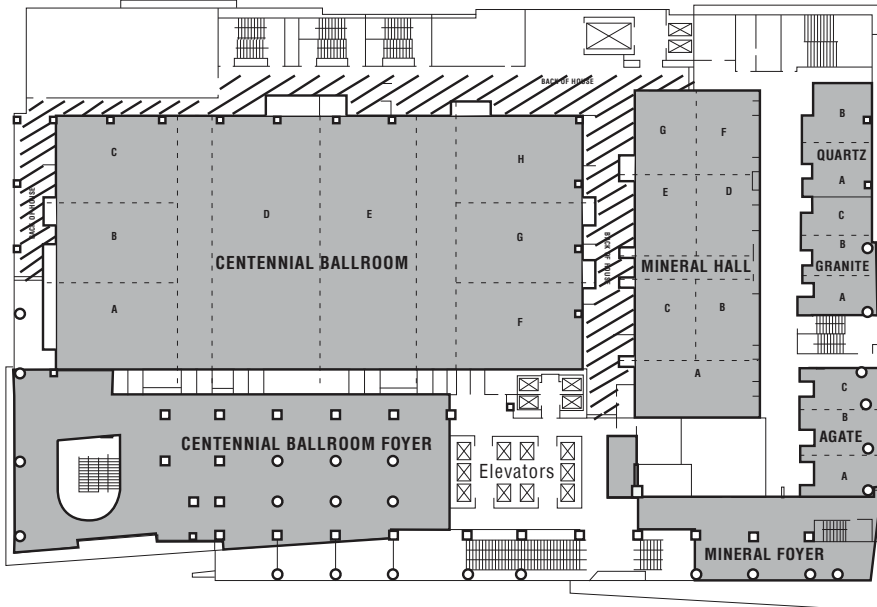
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## Third Floor

(2 levels up from street)

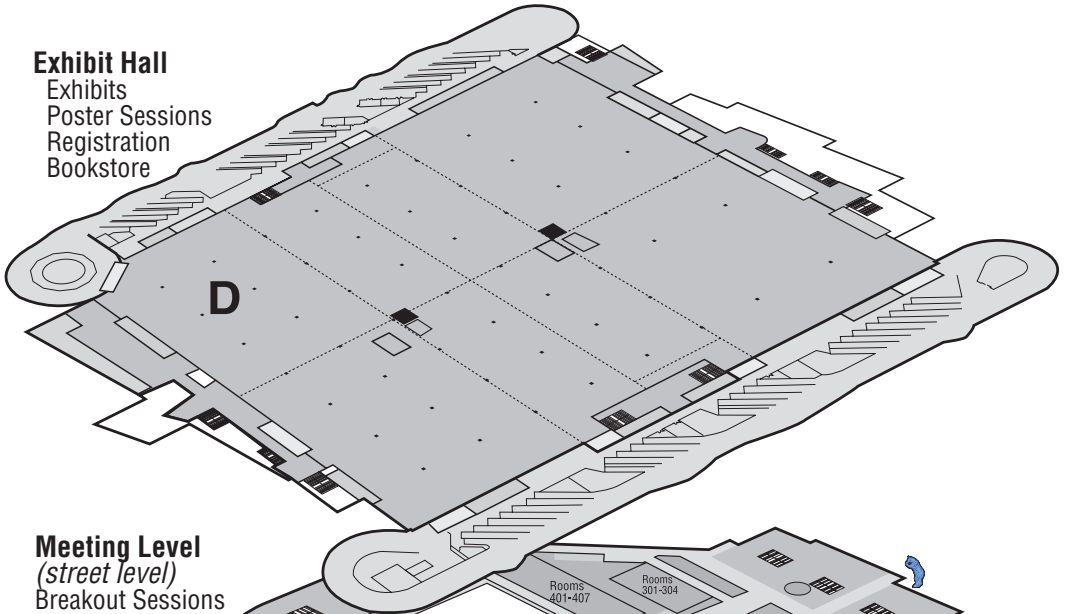




# Colorado Convention Center

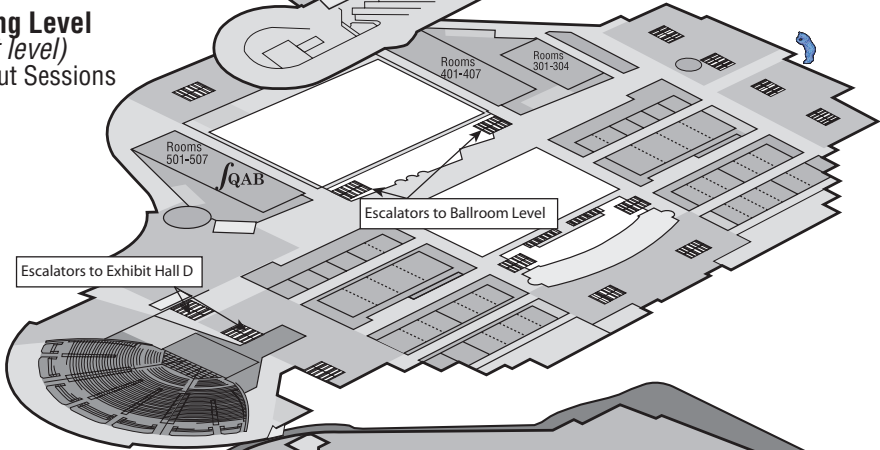
## Exhibit Hall

- Exhibits
- Poster Sessions
- Registration
- Bookstore



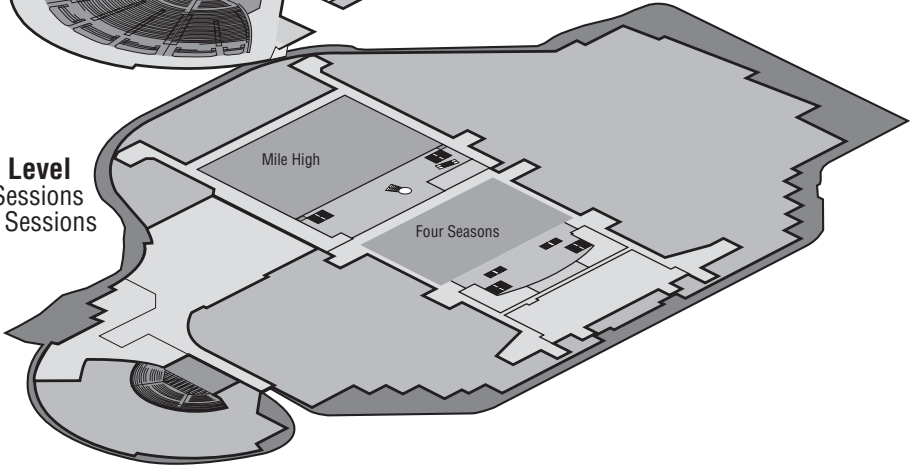
## Meeting Level *(street level)*

- Breakout Sessions



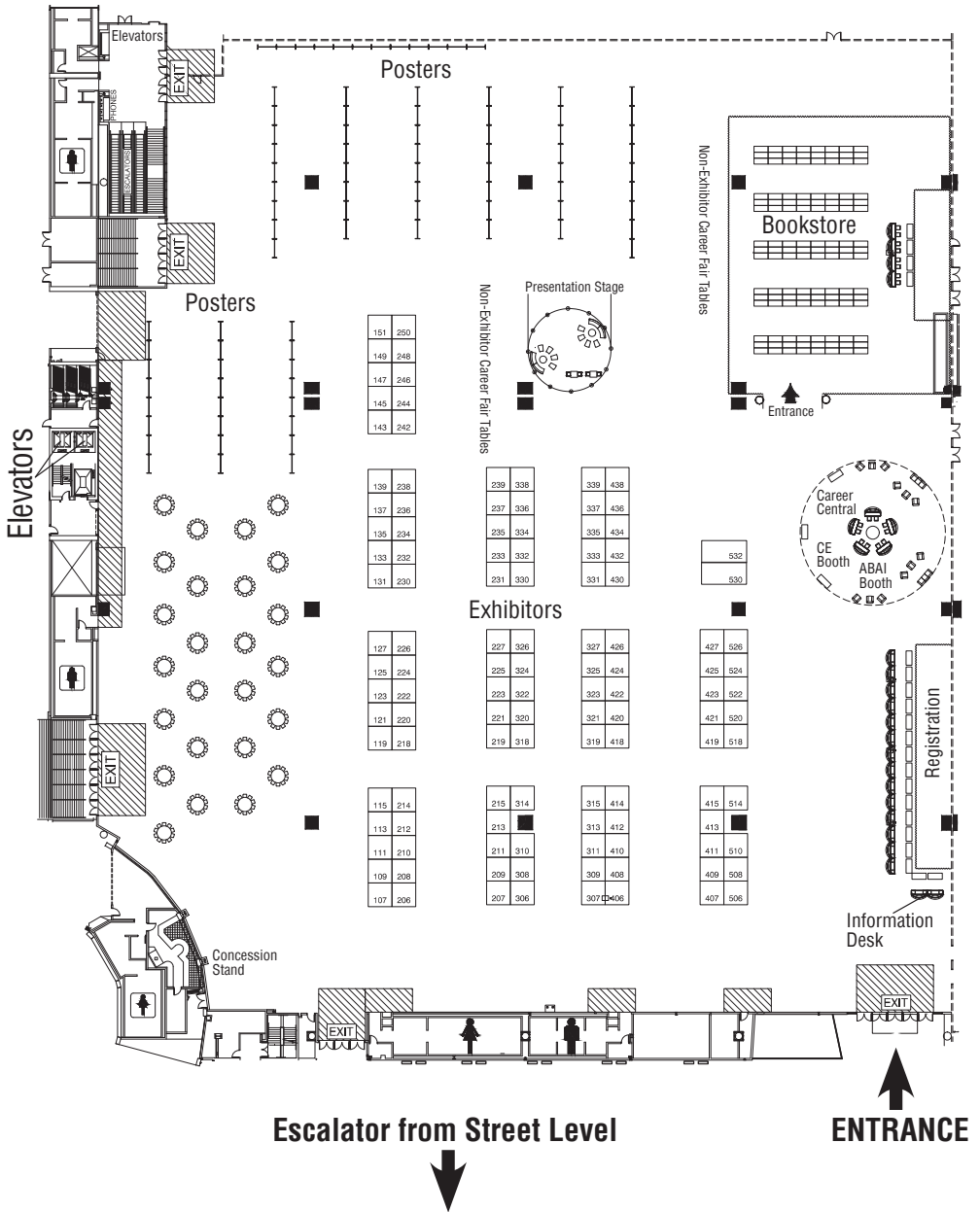
## Ballroom Level

- General Sessions
- Breakout Sessions





# Exhibit Hall (Colorado Convention Center)



# Downtown Denver





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## Notes

## Notes

# Notes

## Notes



## Notes

## Notes

# Personal Planner

	Thursday	Friday	Saturday	Sunday	Monday
7:00 am					
7:30 am					
8:00 am					
8:30 am					
9:00 am					
9:30 am					
10:00 am					
10:30 am					
11:00 am					
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8:30 pm					
9:00 pm					
Evening					