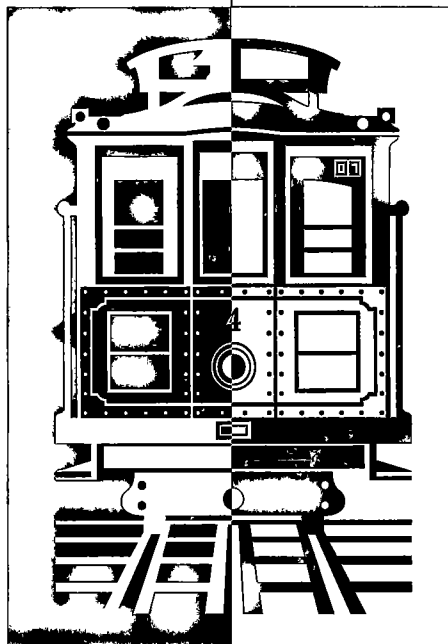




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SAN FRANCISCO

Association  
for Behavior  
Analysis

An International Organization

22nd Annual Convention

ABA CONVENTION PROGRAM: SAN FRANCISCO, 1996

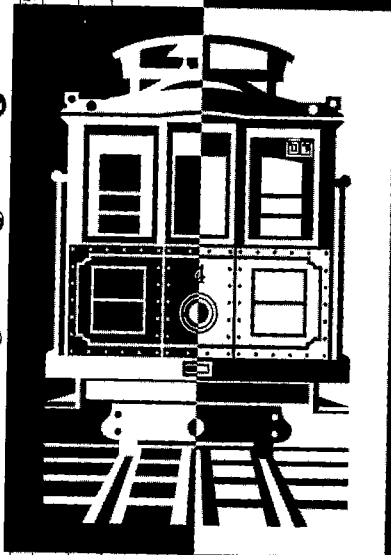
*O*ur teachers work hard  
to make a difference.  
So do many of our students.



Visit our exhibit booth and learn more about career opportunities for bachelor's, master's, and doctoral-level Behavior Analysts. We offer in-house, on-site graduate programs in Special Education and Behavior Analysis. You can also write to us: c/o Vincent Strully, Executive Director, **The New England Center for Autism, Inc.**, 33 Turnpike Road, Southboro, MA 01772 or call us at 508-481-1015.



1 9 9 6



SAN FRANCISCO

Association  
for Behavior  
Analysis

An International Organization

22nd Annual Convention  
May 24 - 28, 1996

The Association for Behavior Analysis was founded in 1974 to promote the experimental, theoretical, and applied analysis of behavior. A major purpose of the Association is to provide a forum for the discussion of issues and the dissemination of information pertinent to the members. Advancing behavioral science and its applications has become an international effort as witnessed by the countries represented by our members

# Acknowledgments

---

## **Program Board Coordinator**

Marc N. Branch, University of Florida

## **Program Chairs**

### **Area 1: EAB, EDC, PRM, TOX, TPC, and VRB**

Alan Poling, Western Michigan University

### **Area 2: CBM, CCS, DDA, DEV, ELS**

Edelgard Wulfert, State University of New York at Albany

## **Program & Convention Management, Continuing Education Coordination**

Maria E. Malott, Malott & Associates

## **Area Coordinators**

### **CBM: Clinical & Behavioral Medicine**

Robert D. Zettle, Wichita State University

### **ELS: Ethical, Legal and Social Issues**

Richard F. Rakos, Cleveland State University

### **TPC: Theoretical, Philosophical and Conceptual Issues**

Sam Leigland, Gonzaga University

### **CCS: Community Corrections**

Anthony Biglan, Oregon Research Institute

### **DDA: Developmental Disabilities and Autism**

Kent R. Johnson, Morningside Academy

### **DEV: Human Development and Gerontology**

Jacob L. Gewirtz, Florida International University

### **EAB: Experimental Analysis of Behavior**

William Payla, Jacksonville State University

### **EDC: Education**

Dan Hursh, West Virginia State University

### **PRM: Performance Management and Training**

Richard Fleming, Auburn University

### **TOX: Pharmacology and Toxicology**

Steven I. Dworkin, Bowman Gray School of Medicine



Area Coordinators, Cont'd.

**VRB: Verbal Behavior**

Tom Crithchfield, Auburn University and Genae Hall, San Francisco

**SQAB: Society for the Quantitative Analyses of Behavior**

William L. Palya, Jacksonville State University

**Student Scheduling Support**

Michael C. Soung and Lori Deiner, Western Michigan University

**Scheduling System Development**

Jose Garcia, Western Michigan University

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**Convention Assistance**

Mary Jane Filarski and Jim Harmon, Conferon, Inc.

Tim Castañón, Association for Behavior Analysis

Corina Groeger (Continuing Education), Wendy E. Jaehnig, and Pam Vunovich,  
Western Michigan University

**ABA Convention Presenters**

This program contains the contributions of over 1,900 participants from several countries. Thanks to their work the Association for Behavior Analysis can offer this special convention program, including 30 workshops, 32 business meetings, 56 paper sessions (including 159 papers), 133 symposia (including 522 presentations), 44 panel discussions, 525 posters, 6 reunions/receptions, 22 invited presentations, and 25 special events.

We appreciate all the support of the chairs of ABA's 23 Special Interest Groups. They have made significant contributions to the quality and richness of the 1996 convention program.

Special thanks to Jose Garcia for developing an integrated convention scheduling system. He redesigned ABA's convention computer system and integrated it with the administrative processes of the office. Special Recognition to the ABA staff working countless hours preparing this document: Lori Diener, Matthew Miller, and Michael Soung.



Maria E. Malott,  
Executive Director

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# About the Association

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## **Purpose**

The Association for Behavior Analysis is dedicated to promoting the experimental, theoretical, and applied analysis of behavior. It 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.

ABA is a membership organization that provides a quorum for eighteen special interest group, maintains a mutually beneficial relationship with thirty-four affiliated chapters located around the world, and organizes an annual convention. The Association publishes two scholarly journals, distributes a newsletter, and offers various other publications relevant to behavior analysis. ABA also provides support for continuing education events.

## **Background**

ABA began in May, 1974 with a planning meeting at the University of Chicago; the first annual convention was held the following year. Its past presidents are Nathan H. Azrin, Donald M. Baer, Sidney W. Bijou, A. Charles Catania, Barbara C. Etzel, Judith E. Favell, Sigrid S. Glenn, Israel Goldiamond, Don F. Hake, Philip N. Hineline, Brian A. Iwata, Kennon A. Lattal, Ogden R. Lindsley, Jack Michael, Edward K. Morris, Henry S. Pennypacker, Ellen P. Reese, Beth Sulzer Azaroff, and Julie S. Vargas. Numerous other scientists, scholars and practitioners in psychology, sociology, education, philosophy, business, and rehabilitation have contributed to its governance. *The Behavior Analyst* (ISSN 0738-6729), began publication in 1978. *The Analysis of Verbal Behavior* (ISSN 0889-9401) was purchased by ABA in 1994.

## **Membership**

ABA currently has more than 2,600 members, including a significant international representation. Membership information is listed on page 256. All new members receive a discount.

## **Annual Meeting**

The annual convention currently draws more than 1,700 registrants from around the world. It offers approximately 900 presentations and poster sessions, invited talks and symposia, panel discussions, special interest groups meetings, workshops and social events.

## **Presidents**

### **President (1994-1997)**

Richard M. Foxx, Pennsylvania State University

### **President-Elect (1995-1998)**

Marc N. Branch, University of Florida

### **Past President (1993-1996)**

Kennon A. Lattal, West Virginia University

## **Council Representatives**

### **Applied (1994-1997)**

Nancy A. Neef, University of Pennsylvania

### **Experimental (1995-1996)**

Sigrid S. Glenn, University of North Texas

### **At-Large (1995-1998)**

Carol Pilgrim, UNC at Wilmington

### **At-Large (1994-1997)**

Gerald L. Shook, Au Clair

## **Student Representatives**

### **Representative (1994-1997)**

Mark A. Swain, University of Nevada, Reno

### **Representative-Elect (1995-1998)**

Judy Honeywell, Western Michigan University

### **Past Representative (1993-1996)**

Ken Alling, NIDA

## **Executive Director and Secretary-Treasurer (1993-1996)**

Maria E. Malott, Malott & Associates

# Registration and Convention Services

## General Information

Registration and Convention Services are located in the Golden Gate Foyer. The hours are:

Friday-Saturday	May 24-25	8am-5pm
Saturday Evening	May 25	9pm-11pm
Sunday-Monday	May 26-27	8am-5pm
Tuesday	May 28	8am-1pm

## Registration

### Advanced Registration

Workshop and convention fees must be postmarked by April 1, 1996 to be eligible for early registration discounts.

### On-Site Registration

Come to the Registration Desk in the Golden Gate Foyer to pick up your advance registration packet or to register on site for workshops and the convention.

### Registration for Relatives

If family members are attending the convention only to see your presentation, include a note with your registration listing their names. Please add \$2.00 to your registration and/or membership payment for each person listed. Name badges will be prepared and placed in your advance registration packet for each family member listed.

### Membership Dues

Dues may be paid with registration fees. When so doing, please include all forms in one envelope and all payments on one check, money order, or charge.

### Forms

Forms for convention registration, workshop registration, membership dues, and hotel reservations are located at the end of this book.

### Cancellations and Refunds

Registrants may cancel convention registration and tickets for workshops or other events before May 1, 1996. A handling fee of \$10.00 will be deducted from all refunds.

After May 1, 1996, only workshops and other

events canceled by ABA are eligible for a refund. Handling fees will not be deducted from events canceled by ABA.

*All costs associated with attending the 22nd Annual ABA Convention in San Francisco, CA (e.g., membership, registration, lodging, transportation, meals, etc.) are the responsibility of the presenter or registrant.*

## Convention Services

### Convention Services Desk

If you have any inquiries or concerns about a convention activity or session during the Convention, visit the Convention Services Desk in the Golden Gate Foyer. A Message Board will be available for registrants to leave notes for one another.

### Continuing Education

At the Continuing Education Desk, ABA will provide APA continuing education certificates to those who attend workshops and request such CE certificates. For the first time, we offer this service on site at no additional cost to workshop attendees.

ABA will also be offering CE credits from the California Psychological Association Accrediting Agency for a moderate fee. For further information on CE credits, see page 15 of this book.

### Job Placement

Looking for a job? Have a position available? Consider ABA Job Placement! Vitae, resumes, and position listings are available for review at the Job Placement booth in Golden Gate Hall. Interviews may be conducted during the Convention. (*See page 8 of this book for further Job Placement information.*)

### Volunteer Services

If you are volunteering to work at the 1996 ABA Convention, check in at the Volunteer Services Desk in the Golden Gate Foyer when you register. ABA offers to opportunity to assist with various aspects of the convention to those who wish to volunteer their services.

# Convention Program

## Specialty Areas and Codes

The schedule of sessions is arranged by Specialty Areas. Within each Specialty Area are varying session types and formats. The following chart provides information about the codes which appear in the session listings in the Program Schedule.

CBM	Clinical; Family; Behavioral Medicine
CCS	Community; Corrections
DDA	Developmental Disabilities; Autism
DEV	Human Development; Gerontology
EAB	Experimental Analysis of Behavior
EDC	Education
ELS	Ethical, Legal, and Social Issues
PRM	Performance Management and Training
TOX	Behavioral Pharmacology and Toxicology
TPC	Theoretical, Philosophical, and Conceptual Issues
VRB	Verbal Behavior

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.

Check the schedule charts at the Information Desk in the Golden Gate Foyer daily for schedule changes or cancellations.

## Presentation Formats

*Addresses* are presentations of theoretical, philosophical or methodological issues.

*Invited Address* speakers are invited by a Specialty Area Coordinator to present information which is new, innovative, or otherwise important to the Specialty Area. They are usually members of the Association.

A few *Guest Speakers* are invited each year with the approval of the President and President-Elect. Guest speakers have made significant contributions in areas compatible with behavior analysis.

*Business Meetings* are held during the Convention by ABA Committees, Chapters, Special-Interest Groups, and other groups. Anyone may attend the meetings unless the meeting is specified as a "closed" meeting.

*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; authors are available for 90-minute time periods to discuss the project.

*Symposia* consist of a series of moderated related speeches by different people with no interaction between the speakers.

*Workshops* review recent research, discuss current theoretical issues, and present new methods for the application of behavior analysis.

## Audio Recording

Throughout the convention ABA will be recording several selected presentations which may be of interest to you and your colleagues or students who were not able to attend. These recording will be available for purchase on-site as well as by mail after the convention. Recorded presentations are identified in the program with the following icon:



# Job Placement

---

## Instructions for Job Placement Registration

ABA Convention Job Placement is an ideal way to obtain information about applicants and available positions. Rooms are available for immediate interviews. Applicant credentials are on file and available for review. For additional information, contact the ABA office at 616-387-8341. At the Convention, stop by the Job Placement booth in Golden Gate Hall.

### Applicants

A summary of your qualifications and interests are posted for quick review by potential employers. Employers may then request a copy of your vita or résumé for review. To register for ABA '96 Job Placement, send 25 copies of your vita or résumé and the following information on a 7" wide by 5" high card:

1. Most recent degree received (include date, conferring institution, and degree program).
2. Geographic restrictions/preferences.
3. Date available for employment.
4. Type of position sought.
5. Experience.
6. Pertinent information about the type of position desired.

The card will be posted for review by potential employers; we recommend that it be typed. The registration fee is \$20.00 for advance registration (before April 1, 1996), and \$25.00 for on-site registration. Use the Convention Registra-

tion Form in this book for Advance Registration. You may register during the Convention at the Job Placement Service Booth in Golden Gate Hall. Remember to bring the materials as specified above if you choose to register on site. Remember to register early, otherwise an employer may have reviewed the files prior to your registering. Don't miss an opportunity due to poor timing.

### Employers

A summary of positions available are posted for quick review by potential applicants. Applicants may then request a copy of the complete job description for review. To register for the '96 ABA Placement Service, send 10 copies of the complete job description, and the following information on a 7" wide by 5" high card:

1. Degree required.
2. Geographic location of position.
3. Starting date.
4. Position title.
5. Experience required/preferred.
6. Pertinent information about the position.

The registration fee is \$35.00 for advance registration (before April 1, 1996) and \$45.00 for on-site registration. Use the Convention Registration Form in this book for Advance Registration. You may register during the Convention at the Placement booth in Golden Gate Hall. Remember to bring the materials as specified above if you choose to register on site.

---

## ABA Diversity Statement

The Association for Behavior Analysis seeks to be an organization comprised of people of different ages, races, nationalities, ethnic groups, sexual orientations, health status, religions, abilities, and educational levels.

# ABA '96 Exhibits

## Exhibit Hours

Exhibits provide an excellent opportunity to obtain information about new and existing products and services. The 1996 Convention Exhibit hours are as follows:

Saturday, May 25	2:00 pm - 6:30 pm
	9:00 pm - 11:00 pm
Sunday, May 26	10:00 am - 6:30 pm
Monday, May 27	10:00 am - 6:30 pm
Tuesday, May 28	8:00 am - 10:00 am

## Exhibitors

The following are some of our Exhibitors. Join us in Golden Gate Hall for these and other interesting exhibits.

### Another Perspective

741 Magdalena Road, Flagstaff, AZ 86001. The new Gentle Reminder aids caregivers in positive behavioral support. It is an unobtrusive vibrating alarm worn by the caregiver. With the touch of a button for each behavior, the Gentle Reminder automatically adjusts its timer in order to remind the caregiver to reward the individual again before the next behavior occurs. It stores the time and date of up to three different individuals into memory.

### Brooks/Cole Publishing Company

ITP - 7625 Empire Drive, Florence, KY 41042. Stop by the Brooks/Cole booth to see outstanding textbooks and software on display, including: *Learning and Behavior, Third Edition*, by Chance, *Sniffy the Virtual Rat, Version 4.5*, by Lester Krames, Jeff Graham, and Tom Alloway, and many others! And, stop by for more information on the following upcoming titles, including: *Student Directed Learning: Teaching Self-Determination Skills*, by Agran, *Principles of Everyday Behavioral Analysis, Third Edition*, by Miller, and *Self-Directed*

*Behavior: Self-Modification for Personal Adjustment, Seventh Edition*, by Watson and Tharp.

### Context Press

993 Gear Street, Reno, NV 89503-2729. Context Press features books on behavior-analytic philosophy, research, theory, and application. We have new books on community intervention (Biglan), acceptance-based psychotherapy (Hayes, Jacobson, Follette, & Dougher), and developmental psychology (Novak). These go along with our series of books on verbal behavior, a new version of Bijou's classic text on child development, a superbly scholarly text on social behavior (Guerin), a book on contextualism as a philosophy of science, ethical issues in developmental disabilities, and a book on Willard Day's writing. Stop by early - our discounts are greatest early in the convention.

### Med Associates, Inc.

719 North 26 Street, Lafayette, IN 47905. Med Associates, Inc. manufactures standard environments and accessories for behavioral testing on rats, mice, pigeons, and primates, and custom apparatus for numerous applications. Control software is available for IBM-PC compatible computers for both DOS and Windows. Cumulative recorder software packages include both graphical display and printout as well as real time display. New products include startle, activity, place preference, force lickometer, and the first pellet dispenser with a brain.

### New England Center for Autism

The New England Center for Autism, founded in 1975 by Vincent Strully, Jr., is located in Southborough, Massachusetts, 20 miles west of Boston. The Center's primary focus is to increase the skills and abilities of children with autism and other

developmental disorders through the use of systematic operant conditioning.

The Center serves approximately 165 students in a variety of programs including: community-based residential for students 3-22 years of age; community-based residential for young adults; integrated and intensive preschool programs for students 3-6; home-based early intervention programs; day school for students up to 22 years of age; and transition programs where students who were residential have been integrated back into supported home or school situations.

The majority of our students, particularly those who are residential, display intense, chronic and seriously interfering forms of inappropriate behaviors including aggression, property destruction, and self injury. The Staff Intensive Unit, a subdivision of the residential program, was established in 1988 to provide treatment for those students deemed beyond the treatment capabilities of most other residential programs.

Our overriding goal is to provide state-of-the-art behavioral services to our students to decrease their dangerous and interfering behaviors and increase their ability to function and communicate independently.

A critical component of the success of our program is the competency of our teachers, all of whom are college graduates. We provide intensive training in ABA and teaching strategies, and all teachers must pass a graduate level ABA course during their first months of employment. In addition, we are associated with two university Master's Programs, (Simmons College Master's in Severe Special Needs and Northeastern University's Master's in Applied Behavior Analysis). Both of these are three year programs with courses taught on site, and research projects and Master's theses supervised on-site by The New England Center for Autism personnel.

The Center has an active commitment to research. Our clinical and applied research

interests focus on: the assessment and establishment of reinforcement systems, generalization and maintenance of treatment gains, augmentative communication, early intervention, and basic learning processes.

To learn more about The New England Center for Autism, Inc., please stop by and visit our display in the exhibit area.

#### **Phi Enterprises, Inc.**

12832 Garden Grove Boulevard, Suite E, Garden Grove, CA 92643. The Professional Touch XL-9000 therapeutic massager.

#### **Cooperative Book Exhibit and Free-Take-One Display**

Professional Books, Inc., on behalf of ABA, provides an area in which multiple copies of publications, brochures, and other materials may be displayed and sold throughout the convention. Brochures and other materials which convention registrants may pick up at no charge are displayed in the Free Take-One Display.

If you would like to include your publications in this display, contact Professional Books at the following address:

Marcie Lifson  
Professional Books, Inc.  
Newton, MA 02158-1008  
Phone: 617-630-9393 or 800-210-READ  
Fax: 617-630-9396  
E-mail: read9books@aol.com

#### **CMS Software**

P.O. Box 1514, Columbia, MD 21004-0514. Behavior on a Disk (software for MS-DOS, 3.5" and 5.25" disks), by A. C. Catania, E. H. Shimoff and B. A. Matthews, ISBN 0-922077-21-5 (3.5" disk) and 0-922077-20-7 (5.25" disk), \$13.50. Psychology on a Disk (software), ISBN 0-922077-13-4 (3.5" MS-DOS disk), 0-922077-12-6 (5.25" MS-DOS disk), and 0-922077-14-2 (Macintosh disk), \$13.50.



# *Welcome to San Francisco!*



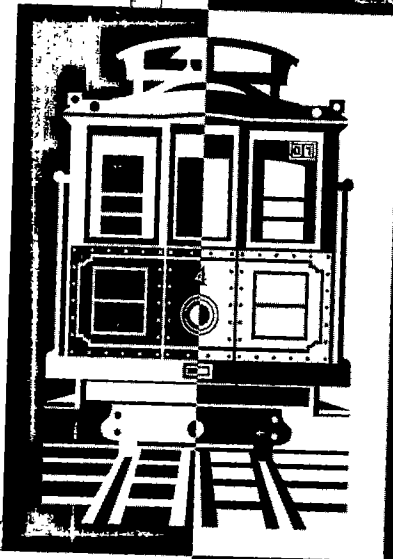
*An evening of music and dancing hosted by  
the Northern California Association for  
Behavior Analysis,  
the Association for Behavior Analysis and  
Therapy / Southern California,  
and  
the California Association for  
Behavior Analysis*



*Friday, May 24, 1996  
7:00 PM - 11:00 PM  
Nob Hill A-D*



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SAN FRANCISCO

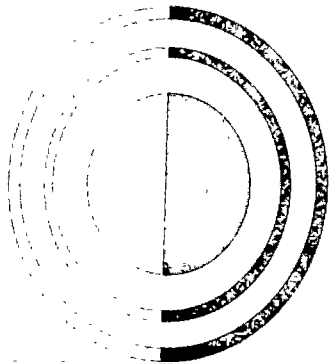
Association  
for Behavior  
Analysis

An International Organization

4

22nd Annual Convention  
Friday, May 24, 1996

Continuing Education Program  
Workshops  
Announcements  
Convention Sessions  
SQAB Meetings  
Day Schedule



# Continuing Education Program

## General Information

One of the primary objectives of ABA 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 ABA does not require participation in the continuing education program for Association membership, involvement in the program is encouraged.

The Continuing Education Program is designed to meet the academic needs of self-improvement and to provide continuing academic training as required by many licensing associations and specialty boards. The record of these continuing education credits, which are not equivalent to university credit hours, will be maintained by ABA.

If you advance register, a packet will be prepared for you and may be picked up with your Advance Registration packet at the Registration Desk in the Golden Gate Foyer. You may also pay membership dues and register on site for workshops and the convention at the Registration Desk.

Workshops are subject to cancellation due to low advance registration enrollment. Registrations must be postmarked by April 1, 1996 for registrants to be eligible for advance registration fees. If you are registering after the deadline, you must pay late payment fees. Furthermore, after the deadline, please call the ABA office at 616-387-8341 to determine if the workshop will be held, before sending payment.

## APA-Approved CE Credits

The Association for Behavior Analysis (ABA) is approved by the American Psychological Association to offer continuing education credits for psychologists. ABA will provide CE credit certificates on site at the Continuing Education Desk in the Golden Gate Foyer to workshop attendees requesting CE credits. APA-approved CE credits will be provided at no additional charge.

## California Psychological Association

ABA is currently applying to become a provider of Mandatory Continuing Education for Psychologists (MCEP), approved by the California Psychological Association Accrediting Agency. We expect to be able to offer MCEP credits by the time of the convention.

An additional fee of \$15.00 per workshop will be charged to every psychologist interested in continuing education credits approved by the California Psychological Association.

Ask at the Continuing Education Desk in the Golden Gate Foyer for up-to-date information at the convention.

## Workshop Registration Instructions

1. Review workshop offerings on the pages that follow.
2. Make selections on the Workshop Registration Form on page 260 of this book.
3. Calculate total fees for all workshops selected. Enter total on the Workshop Registration Form and on the Convention Registration Form (page 259).
4. If you are also paying membership dues or registration for the Convention, please mail the membership and/or registration forms and payment in the same envelope with your workshop registration form and payment. Payment for all items may be made via one check or credit card charge.
5. All payments must be made in U.S. funds.

## Questions?

Call 616-387-8341

(Monday-Friday, 9am-5pm)

***Registrations must be postmarked by April 1, 1996 to be eligible for Advance Registration fees.***

# Workshops

## Workshop # 1

Friday, 10:00 AM - 1:00 PM  
Pacific (Suite B)

### Behavioral Psychotherapy: A Radical Approach

STEVEN ZLUTNICK (University of San Francisco - San Francisco, CA)

**Description:** Only a few practitioners have applied the radical behavioral approach to more traditional psychotherapy. More to the point, however, has been a paucity of attempts to address issues that traditional, non-behavioral clinicians rightly deem critical to the therapeutic process. These include therapist variables, such as maturity, self disclosure and common sense, developmental issues such as divorce, separation, individuation, etc., values clarification and conflict, caring and concern. Attempt to translate, incorporate or integrate rather than discount such controversial topics as transference, counter transference, insight, resistance, the need for long-term therapy, etc., are rare.

**Objectives:** The goals of this workshop include: 1) A chance for the participant in clinical practice to integrate the seemingly disparate views of radical behaviorism and traditional clinical psychology, 2) The opportunity for clinicians teaching applied courses in behavior therapy to develop coherent, reasonable explanations to students who are attempting to reconcile these issues during their training, and 3) An opportunity to address and discuss issues and concepts historically avoided and discounted in "traditional" behavior therapy training environments.

**Activities:** This workshop will attempt to address these and other related issues in a format designed to facilitate discussion and integration of traditional clinical issues with a radical behavioral approach via the operationalizing of similarities and differences between the two. Activities will include brief didactic presentations by the presenter designed to facilitate discussion as well as a mutual generation of topics and agenda by the presenter and participants.

**Target Audience:** All levels, although preference during discussions will be given to advanced practitioners and trainers.

**Academic Level:** All levels

**Workshop Fee:** \$50 for ABA members, \$65 for all others.

## Workshop # 2

Friday, 10:00 AM - 1:00 PM  
Pacific (Suite H)

### An Introduction to B. F. Skinner's Analysis of Verbal Behavior

MARK L. SUNDBERG (Behavior Analysts, Inc. - Danville, CA)

**Description:** This workshop will cover the basic concepts of Skinner's analysis of verbal behavior.

**Objectives:** Participants will learn how to define and exemplify the elementary verbal operants (i.e., echoic, mand, tact, intraverbal, textual, and transcriptive). The workshop will also teach participants how to classify samples of verbal behavior, and how to apply Skinner's analysis of verbal behavior to various human problems. Several potential research topics will also be presented, along with suggestions as to how to conduct research in verbal behavior.

**Activities:** Classify responses as mands, tacts, intraverbals, etc. Assess samples of verbal behavior.

**Target Audience:** Audience members should have a working knowledge of behavior analysis and some interest in the topic of language.

**Academic Level:** Intermediate

**Workshop Fee:** \$70 for ABA members, \$85 for all others.

### **Workshop # 3**

Friday, 10:00 AM - 1:00 PM  
Pacific (Suite J)

#### **The Interpersonal Treatment Model: Analysis and Treatment of Severe Behavior Problems**

AHMOS E. ROLIDER (Western Neuro Rehabilitation Centre - Hamilton, Ontario), Ron Van Houten (Mt. Saint Vincent University - Halifax, Nova Scotia), Eitan Eldar (The Zinman College of Physical Education at the Wingate Institute - Israel)

**Description:** The general goal of this workshop is to illustrate how severe behavioral problems can be treated and maintained through the use of a treatment model that places primary emphasis on a) identifying those stimuli which reliably predict the onset of problem behavior, b) the establishment of personal stimulus control in the presence of those stimuli previously associated with problem behavior, and c) programming for generalization and maintenance of behavioral gains beyond the clinical environment and across relevant natural community settings.

**Objectives:** To enable participants to: a) conduct a trigger and functional analysis of problem behavior in order to identify the eliciting stimuli and the functions currently being served by the problem behavior, b) conduct a matching analysis in order to determine which therapist has established personal stimulus control with the client, c) use the data compiled from the analysis outlined above, in order to develop an individually tailored behavioral curriculum, d) maximize the effectiveness of a behavioral program by incorporating the use of prompts, teaching scripts, and effective teaching practices into the program, e) develop appropriate measurement tools in order to collect relevant data and monitor client progress, and f) develop a generalization and maintenance plan to transfer treatment and maintain gains into the natural environment.

**Activities:** 1) Introduction to the working assumptions of the Interpersonal Treatment Model. 2) Case study to demonstrate the use of assessment instruments and treatment

interventions. 3) Demonstrating the use of a flowchart designed to facilitate program development by responding to a specific case scenario presented by a workshop participant. 4) Discussion.

**Target Audience:** Rehabilitation therapists, teachers and clinical supervisors of staff working with clients who present behavioral issues.

**Academic Level:** Introductory

**Workshop Fee:** \$50 for ABA members, \$65 for all others.

### **Workshop # 4**

Friday, 1:30 PM - 4:30 PM  
Pacific (Suite A)

#### **Environmental Design for Effective Intervention with Toddlers with Autism**

TERESA DALY (Emory Autism Resource Center - Atlanta, GA), Susan Hawkins and Toni Thomas (Emory University School of Medicine - Atlanta, GA)

**Description:** Today, children with autism are being identified earlier, but there are few models for intervention with this younger group of children. Most practitioners are confronted with diluting a curriculum and methodology designed for older children in order to intervene with this younger age group. Furthermore, more traditional approaches to intervention for children with autism (Lovaas, 1981, 1993) have been criticized as developmentally inappropriate for toddlers. This workshop will present a model of environmental design and teaching approaches specifically geared toward toddlers with autism. Little Walden is an innovative treatment approach that combines center- and home-based activities that occur in naturalistic play settings, using incidental teaching techniques. The program was funded by the US Department of Education as a National Model Demonstration project.

**Objectives:** 1) Participants will be able to identify environmental manipulations that promote language, self help, and social skills in toddlers with autism. 2) Participants will be provided with supervised practice of strategies to promote skill development in toddlers with autism. 3) Participants will leave the workshop with

concrete plans for modification of their real-life environments to accommodate intervention for toddlers with autism.

**Activities:** Workshop activities will include an overview of the Little Walden treatment model and the use of environmental and strategic teaching arrangements that can be used to encourage skill development. Participants will receive instruction in strategies for building self-help, play skills, and language opportunities into a naturalistic setting.

**Target Audience:** Childcare providers, parents and early intervention professionals. Participants are encouraged to bring a "case study" with them to facilitate real-life application of materials covered in the workshop.

**Academic Level:** Introductory/Intermediate

**Workshop Fee:** \$50 for ABA members, \$65 for all others.

### **Workshop # 5**

Friday, 1:30 PM - 4:30 PM  
Pacific (Suite B)

### **Teaching Language to Autistic and Developmentally Disabled Children**

MARK L. SUNDBERG and James W. Partington (Behavior Analysts, Inc. - Danville, CA)

**Description:** Emphasis will be placed on identifying methods to enhance and utilize motivational variables (establishing operations) to teach language in both structured teaching sessions and in on-going activities including playtime. Methods of data collection and tracking will also be presented, along with techniques for coordinating the on-going decision making necessary for effective language intervention. Issues such as facilitated communication, sign language, symbol boards, and disruptive behavior will also be discussed.

**Objectives:** In this workshop participants will learn how to use the basic concepts from Skinner's analysis of verbal behavior (i.e., mands, tacts and intraverbals) to assess and provide language skills training for autistic and

developmentally disabled children. In addition, participants will learn how to establish a language based environment which can be implemented across both home and school settings.

**Activities:** Practice procedures for teaching verbal behavior and transfer of stimulus control. Practice the assessment of defective verbal repertoires.

**Target Audience:** This workshop would be appropriate for behavior analysts, students, teachers of autistic children and classroom instructional aids, as well as parents and in-home workers.

**Academic Level:** Introductory

**Workshop Fee:** \$75 for ABA members, \$90 for all others.

### **Workshop # 6**

Friday, 1:30 PM - 4:30 PM  
Pacific (Suite H)

### **Reading Recovery in New Zealand**

BONNY LE GRICE (Christchurch College of Education - Christchurch, New Zealand)

**Description:** This workshop is designed to explain the components of the reading recovery programme: familiar reading, preparation for new reading, word attack skills, making and breaking words, reading new material, ensuring comprehension, written expression.

**Objectives:** 1) To teach the components of the reading recovery programme. 2) To demonstrate methods of increasing and maintaining reading improvements. 3) To provide strategies to increase the level of transfer to the regular class setting.

**Activities:** Demonstrate the use of the materials: assessment, stories at different levels, running records, packets of letters, children's own writing. Demonstrate how to plan the teaching session. Planning a teaching session. Demonstrate the use of probes and fluency building. Developing probes and making phase changes. Explain content and frequency of communication with class teachers.

**Target Audience:** Psychologists and teachers teaching and doing research with children with reading delays.

**Academic Level:** Intermediate

**Workshop Fee:** \$80 for ABA members, \$95 for all others.

### **Workshop # 7**

Friday, 1:30 PM - 4:30 PM  
Pacific (Suite I)

#### **A Practical Approach to Determining Function of Behavior in Educational Settings**

RONNIE DETRICH and KARI BARTLEBAUGH (Spectrum Center for Educational and Behavioral Development - Berkeley, CA)

**Description:** Historically, in school settings interventions have been designed by arranging powerful "arbitrary" consequences for engaging in constructive behavior and we have been relatively successful at addressing a myriad of social and academic problems. Recently, the assessment of function has received considerable attention as another method for determining the elements of an intervention package and has often resulted in different strategies than have typically been employed in educational settings. This workshop will describe how this methodology is an extension of the analysis of the operant. A distinction will be made between a function based intervention and a topography based intervention. There are two basic strategies for determining function: 1) analog based assessment and 2) descriptive analysis. This workshop will emphasize descriptive analysis as the primary strategy for applied behavior analysts working in school settings.

**Objectives:** 1) Participants will be able to describe the relation between an operant analysis and the assessment of function. 2) Participants will be able to use specific assessment strategies and describe the circumstances when each strategy is helpful for identifying important variables. 3) Participants will be able to interact with data derived from an assessment and generate possible functions of behavior and develop interventions related to that function. 4) Partici-

pants will be able to develop an assessment plan for a student they are currently serving.

**Activities:** 1) Didactic lecture to establish basic logic of model. 2) Interact with sample data to determine relation between contextual and consequence variables and behavior of concern. 3) Opportunities will be provided to practice using various assessment methods. 4) Assessment plans will be developed for students that the participants are currently serving. 5) Participants will develop interventions based on function of behavior from sample data.

**Target Audience:** Individuals working in educational settings who are involved in developing intervention strategies for students. Specifically, school psychologists, teachers, and individuals who consult with individuals in these educational settings.

**Academic Level:** Introductory/Intermediate

**Workshop Fee:** \$75 for ABA members, \$90 for all others.

### **Workshop # 8**

Friday, 1:30 PM - 4:30 PM  
Pacific (Suite J)

#### **Create a WEB Page**

LESLIE BURKETT (University of North Texas - Denton, TX), Brendan Tompkins (Analysis & Technology, Inc. - Orlando, FL)

**Description:** As teachers, administrators, clinicians, and researchers, behavior analysts have information and data to organize and share with colleagues and the rest of the world. The World Wide WEB offers the potential, not only to organize and make available vast amounts of information, but to do so in a distributed, decentralized way, distributing the response cost and eliminating bureaucratic organization. The user-friendly WEB Page has opened the doors to the Internet—those who take advantage of its potential now will be on the leading edge, helping to create the future. The WEB Page is more than just some flashy graphics, commercials, and bulleted lists with links to more of the same. This workshop will explore the range of possibilities—practical, productive, serious applications for behavior analysts on the Internet, including sharing research and references,

funding and job information; publicizing services, graduate programs, and projects; establishing new ways of collaborating across distances; and establishing clearinghouses of information for special interest groups. Through hands-on training, participants will discover how easy it is to build a WEB Page, as well as how to delegate the job. Attendees will learn not only how to create a WEB Page, but why.

**Objectives:** At completion of this workshop, participants will be able to: 1) identify 3 WEB Page projects needed in their own work/research environments, 2) make informed decisions on when to find or hire outside help versus create their own WEB Page, 3) design and create their own first WEB Page, including attractive headings, a bulleted list, graphics, and links to documents and URL's, and 4) describe a strategy for setting up a WEB Page on the Internet and establishing links to and from other sites.

**Activities:** Participants will: 1) view sample WEB sites covering a wide range of potential applications, 2) hear descriptions and receive handouts on the hardware, software, and behavior needed to design, create, and publish WEB Pages, 3) receive step-by-step hands-on instruction on the process of adding HTML codes to a document to create a WEB Page, 4) create and code a WEB Page as a member of a design team, 5) view their team's WEB Page as it would appear on the Internet, and 6) receive handouts on all the information presented, plus a tutorial disk on "How to Create WEB Pages."

**Target Audience:** Anyone with information to organize and share on-line. The workshop is designed for intermediate computer users—not "techies," programmers, or hackers. It is also for non-computer-users who will delegate WEB Page project tasks to others.

**Academic Level:** Introductory

**Workshop Fee:** \$55 for ABA members, \$70 for all others.

## **Workshop # 9**

Friday, 1:30 PM - 4:30 PM  
Sierra (Suite A)

### **The "Other" Type of Conditioning: Behavior Analysis and Personal Fitness Training**

BOBBY NEWMAN (Queens College and the Graduate Center/CUNY and Association in Manhattan for Autistic Children - New York, NY), Lori Reeve (Senior Life Management - Floral Park, NY)

**Description:** The topic of this workshop will be personal fitness training as practiced by the behavior analyst.

**Objectives:** Workshop attendees will learn how to become certified and practice as personal trainers. They will learn how to apply behavior analysis to the field of personal training, including how to set up programs, encourage adherence, shaping and chaining of exercise execution, contingency contracts, and self-management systems. They will learn this through a combination of lecture, discussion, and practical demonstrations.

**Activities:** We will construct task analyses for exercises and prepare contingency contracts, and will learn how to prompt clients through exercises.

**Target Audience:** The target audiences are intermediate to experienced behavior analysts with an interest in personal fitness training.

**Academic Level:** Intermediate

**Workshop Fee:** \$60 for ABA members, \$75 for all others.



## Workshop # 10

Friday, 2:00 PM - 8:00 PM  
Sierra (Suite B)

### Introduction to Standard Celeration Charting

OGDEN R. LINDSLEY (Behavior Research Company - Lawrence, KS), Angela Boone (Malcolm X College - Chicago, IL), John Cooper (Ohio State University - Columbus, OH), Elizabeth Haughton (Haughton Learning Center - Napa, CA), Hollind Kevo (Morningside Academy - Seattle, WA), Michael Maloney (Quinte Learning Center - Belleville, ONT)

**Description:** How to Read and Chart Standard Celeration Charts.

**Objectives:** Throughout the entire workshop instructors coach as participants: Read frequencies, celerations, celeration differences, turns, jumps, bounces, and outlier probabilities from Standard Celeration Charts at 60 per minute. Chart frequencies on daily, weekly, monthly and yearly Standard Celeration Charts at 10 per minute.

**Activities:** Morning: Paced choral reading (Point-See-Say) at 60 per minute of frequencies, celerations, turns, jumps, bounces, and outlier probabilities from Standard Celeration chart practice sheets. Afternoon: Each participant charts from tables of daily, weekly, monthly and yearly frequencies at 10 dots per minute. Coaches assist the instant a participant hesitates. Participants are given materials and shown how to continue daily charting practice on their own to reach fluency above 30 dots correct per minute.

**Target Audience:** Graduate students, faculty, researchers, and consultants who have heard about Standard Celeration Charting, but have had no opportunity to learn how. Here is your chance! This proven workshop is fun and it works!

**Academic Level:** Introductory

**Workshop Fee:** \$130 for ABA members, \$145 for all others.

## Workshop # 11

Friday, 2:00 PM - 8:00 PM  
Sierra (Suite C)

### Techniques of Conceptual Analysis

PETER HARZEM (Auburn University - Auburn, AL)

**Description:** One of the products of several movements in the philosophy of science in this century has been the emergence of techniques that may be used in untangling conceptual and theoretical assertions and disagreements. These techniques are independent of any philosophical or empirical/theoretical position that may be held by a scholar. They are neutral in such matters as are, for example, word-counts as regards the assertions being made in an article, the words of which are being counted. From time to time, discussions that develop in behavior analysis about the perspectives of other 'psychologies,' and issues such as how behaviorally to analyze phenomena such as 'love' (as was the case in recent exchanges in the behavior analysis net) seem unnecessarily muddled: the issues can be effectively clarified by the use of such techniques, without determining any doctrinaire answers to them. The proposed workshop is intended to provide some basic training in these techniques of conceptual analysis and their proper use in examining theoretical positions and assertions derived from empirical evidence.

**Objectives:** To develop in participants sound skills for 1) examining conceptual statements; 2) making clear and supportable (i.e. non-dogmatic) assertions; 3) formulating research questions that can be answered by empirical evidence (many confusions arise from formulating questions for which there cannot be direct, empirically-determined answers); and 4) recognizing the answer that fully fits the question.

**Activities:** The participants will practice: 1) Distinguishing empirical and conceptual statements; 2) Relating the usage of words and phrases to the contexts in which they occur; 3) Using the skills learned in the workshop to examine selections from influential articles and books by eminent behavior analysts and other psychologists.

**Target Audience:** Post-M.A./M.S. graduate students and new PhDs. However, anyone who is not familiar with the techniques described but interested in them may benefit.

**Academic Level:** Intermediate/Advanced

**Workshop Fee:** \$110 for ABA members, \$125 for all others.

### **Workshop # 12**

Friday, 2:00 PM - 8:00 PM

Sierra (Suite G)

### **Conducting Fluency Research: Topics, Tools, and Designs**

CARL BINDER (Precision Teaching and Management Systems, Inc. - Newton, MA), Kent Johnson (Morningside Academy - Seattle, WA), Harold Kunzelmann and Ogden Lindsley (Behavior Research Co. - Lawrence, KS)

**Description:** With the growing interest in formal research about behavioral fluency and its effects, there is a need for those with experience in this field to share experimental questions, methods, and designs. This workshop will provide background information as a context for designing and conducting fluency research and offer an opportunity to design experiments in collaboration with experts in the field. Key areas for research include assessment of the effects of building behavior frequencies on retention and maintenance of behavior, endurance or resistance to distraction, and application or transfer.

**Objectives:** As a result of the workshop, participants will be able to: 1) Identify topics and questions for fluency research; 2) Specify independent variables and behaviors for study; 3) Design experimental procedures; 4) Select appropriate behavior frequency measures and experimental designs; and 4) Use the Standard Celeration Chart and associated analysis methods.

**Activities:** *Introduction:* 1) Each speaker will present 30-45 minutes on a topic related to experimental questions, designs, procedures, examples, and measures; 2) Questions, answers, and group discussion; 3) Depending on who has completed research by then, we will include a few young researchers to present their research

projects. *Small Group:* 1) Cracker barrel session in which each speaker will be at a table to discuss a given topic for 4 rounds of 30 minutes each; 2) At the beginning of each round, participants select a table/topic and engage in a group discussion aimed at identifying research questions and generating ideas for specific research projects. *Conclusion:* Group discussion and sharing of new ideas, methods and designs.

**Target Audience:** Students, professors, and others interested in using free operant procedures for conducting basic or applied research about behavioral fluency, its empirical definition and effects.

**Academic Level:** Intermediate/Advanced

**Workshop Fee:** \$115 for ABA members, \$130 for all others.

### **Workshop # 13**

Friday, 2:00 PM - 8:00 PM

Sierra (Suite H)

### **A Dozen Common Teaching Mistakes and What To Do Instead**

WILLIAM L. HEWARD (Ohio State University - Columbus, OH), Patricia M. Barbetta (Florida International University - Miami, FL), Rodney A. Cavanaugh (State University New York at Plattsburgh - Plattsburgh, NY), and Teresa A. Grossi (University of Toledo - Toledo, OH)

**Description:** This workshop will focus on 12 teaching mistakes committed frequently by teachers at all grade levels and across curriculum areas. Each mistake and the recommended alternatives (i.e., "What To Do Instead") will be presented in a three-part format. First, the mistake and examples of its occurrence will be presented and/or demonstrated with the audience (e.g., Mistake #3 - Asking students, "Do you understand?"). Second, logical and empirical rationale will be offered for why teachers should eliminate or greatly reduce the frequency with which they commit the mistake. Third, one or more classroom-tested and empirically-supported alternative strategies will be presented, demonstrated, and/or practiced by participants.

**Objectives:** After completing the workshop, participants would be able to (a) recognize

teaching mistakes in the lessons they plan and deliver, and (b) incorporate several of the "What To Do Instead" strategies and tactics into their own teaching.

**Target Audience:** Teachers and those who are preparing to become teachers of all types of learners at all levels (preschool, elementary, secondary, higher education).

**Academic Level:** Introductory

**Workshop Fee:** \$115 for ABA members, \$130 for all others.

### **Workshop # 14**

Friday, 2:00 PM - 8:00 PM  
Sierra (Suite I)

### **New Developments in Instructional Design**

GUY BRUCE, John Eshleman, and Fred Haertel (Precision Learning Systems - Tucker, GA)

**Description:** This workshop will teach the instructional design process used by Precision Learning Systems to create computer-based teaching activities that build fluent performance. Participants will design teaching activities using the generative, fluency-building design principles developed by Engelmann and Carnine (Direct Instruction), Tiemann & Markle, Lindsley (Precision Teaching), and Johnson & Layng (Generative Instruction).

**Objectives:** 1) Given information provided by client, the learner will write possible performance objectives; 2) Given client-approved performance objectives, the learner will design a valid measurement instrument for measuring fluency of the desired performance; 3) Given a list of teaching objectives, the learner will design a training program for those objectives, using design principles presented during the workshop; 4) Given a set of objectives, a training program, and measures of program effectiveness and efficiency with respect to each objective, the learner will analyze those data and suggest changes in the instructional design of ineffective or inefficient sections of the program.

**Activities:** The workshop will be both highly interactive and practice-intensive. Participants will work in small teams on all phases of the design process, from identifying client objectives, evaluating learner performance, designing teaching activities, and revising them when they do not meet criteria for effectiveness or efficiency. Instructors will be assigned as coaches to each team.

**Target Audience:** This workshop is intended for instructional designers who work in the private or public sector. Although we will focus on the design of training software, the same design skills can be used in any media; computer, live teacher, text, audiovisual.

**Academic Level:** Introductory/Intermediate

**Workshop Fee:** \$105 for ABA members, \$120 for all others.

### **Workshop # 15**

Friday, 2:00 PM - 8:00 PM  
Sierra (Suite J)

### **The C-BAD System: Assessing, Diagnosing and Prescribing Behavioral Intervention**

ENNIO CIPANI (California School of Professional Psychology and Cipani and Associates - Fresno, CA)

**Description:** The current proposal will present a behavioral assessment-diagnostic-prescriptive model to use in treating individuals with severe behavior or learning problems. The workshop will focus on a specific set of procedures for the professional to utilize in assessing and subsequently designing a behavioral intervention plan for clients referred for behavioral consultation and evaluation. Participants will be trained on the C-BAD System.

**Objectives:** 1) Ability to contrast differences between a traditional diagnostic system and a behavioral diagnostic system; 2) Ability to delineate characteristics of a behavioral diagnostic approach; 3) Ability to collect relevant data through interview, observation and hypothesis testing using the C-BAD Manual; 4) Ability to identify four environmental functions a problem behavior may serve and use such as a basis for diagnosis; 5) Ability to identify antecedent

behavior relationships; 6) Ability to identify alternative-replacement behavior(s) for each function; 7) Ability to identify a functional treatment, given diagnosis of problem and replacement behaviors; 8) Ability to identify current, effective non-aversive strategies.

**Activities:** Activities include using the Report Writing Manual to diagnose a presented case study.

**Target Audience:** All professionals working with children, adolescents and adults with special needs who write behavior programs, evaluate such programs and/or review proposed behavior programs in committees, client advocates, and administrators who also review proposed behavior programs. Also, faculty teaching behavior analysis courses and supervising practica will find the manual useful as a way to develop report writing skills of the behavioral assessment and treatment plans.

**Academic Level:** Introductory/Intermediate

**Workshop Fee:** \$131 for ABA members, \$146 for all others.

### **Workshop # 16**

Friday, 2:00 PM - 8:00 PM  
Sierra (Suite K)

### **Rule-Governed Behavior, Self-Management, and Performance Management**

RICHARD MALOTT (Western Michigan University - Kalamazoo, MI)

**Description:** Behavior analysis often seems simplistic in its treatment of the behavior of verbal human beings. For instance, people work or fail to work toward the distant goal of a college degree. How can we understand this in terms of something so simple as the rat's pressing a lever and immediately getting a drop of water? Lacking a plausible behavioral analysis, many clients, parents, teachers, staff, students, and professionals opt for cognitive or mentalistic analyses. This workshop provides a radical-behavioral alternative, by introducing the concepts of rule-governed behavior, direct-acting and indirect-acting contingencies, analog contingencies, rules that are hard and easy to follow, the myth of delayed gratification, the

three-contingency model of performance management, the performance management model of cultural change, and contingency diagramming. These concepts help us rigorously relate the simple contingencies affecting laboratory animals to the complex contingencies affecting human beings in their daily lives. Also, we can understand better problems of self-management and performance management in applied settings. And we can design better self-management and performance-management systems.

**Objectives:** The students should understand and agree with 75% of the theoretical analysis presented; this will involve an analysis of direct and indirect-acting behavioral contingencies. These contingencies will include natural contingencies, performance-management contingencies, and theoretical contingencies. (In a six-hour workshop, students will not achieve fluency with this complex verbal repertoire. But the students will acquire a sufficient repertoire and sufficient additional resources to independently continue working toward the achievement of fluency.)

**Activities:** The format is called the Structured-Seminar format - participants: 1) do paper-based workbook exercises, 2) do slide-show-based "workbook" exercises, 3) diagram behavioral contingencies on transparencies, 4) present their exercises and transparencies, 5) react to the workbook exercises and participant presentations with group response cards in addition to oral comments and analyses, and 6) spend a minimal amount of time listening to lectures.

**Target Audience:** This seminar is appropriate for behavior analysts in all areas, with a general knowledge of the concepts and principles of behavior analysis.

**Academic Level:** Intermediate

**Workshop Fee:** \$105 for ABA members, \$120 for all others.

## **Workshop # 17**

Friday, 5:00 PM - 8:00 PM  
Pacific (Suite A)

### **Radical Behaviorism and the Counseling Process: Constructional Bones, Solution-Focused Flesh**

JACK WILLIAMS (University of Waterloo - Waterloo, ONT, Canada)

**Description:** Radical Behaviorism and the Counseling Process

**Objectives:** 1) To show the relationships between behavior analysis and current counseling approaches, 2) To show how practices may be integrated, modified, and supplemented by a radical behavioral analysis, and 3) To provide beginning practical experience in using some of these perspectives and methods.

**Activities:** Activities will include presentation, discussion, exercises, and review of handouts.

**Target Audience:** Practitioners, prospective practitioners, and others who see the world from a radical behavioral perspective and wish to see how counseling practices may fit with this perspective.

**Academic Level:** Introductory/Intermediate

**Workshop Fee:** \$53 for ABA members, \$68 for all others.

## **Workshop # 18**

Friday, 5:00 PM - 8:00 PM  
Pacific (Suite B)

### **Treatment of Habit Disorders with a Simplified Habit Reversal Procedure**

RAYMOND G. MILTENBERGER (North Dakota State University - Fargo, ND), Joel R. Wagaman (University of Kansas - Lawrence, KS)

**Description:** In this workshop participants will learn how to use a simplified Habit Reversal approach for the treatment of habit disorders

(tics, stuttering, nervous habits, and related disorders). Research has shown the multi-component Habit Reversal procedure to be one of the most effective methods for the treatment of habit disorders. The focus of the workshop will be teaching participants the simplified Habit Reversal approach. Each treatment component will be presented in detail and instructors will role-play case examples. Voluntary role-playing by participants will be used, depending on the time available and participant interest. Discussion will address such topics as assessment of treatment outcome, compliance with treatment, treatment acceptability, and long-term maintenance. Habit disorders discussed will include: Various types of tics (motor and vocal), Tourette's disorder, stuttering, and habit behaviors such as nail biting, thumb sucking, skin or nail picking, trichotillomania (hair pulling), bruxism, and rumination (chronic regurgitation).

**Objectives:** The workshop will provide participants with information and practice needed to effectively use the simplified Habit Reversal approach for the treatment of a wide range of habit disorders.

**Activities:** Workshop activities will include: 1) The presentation of research on a simplified Habit Reversal approach, 2) Presentations of the simplified Habit Reversal techniques (including case examples and volunteer role-playing), 3) Discussion of assessment, treatment compliance, treatment acceptability, and maintenance, 4) Discussion of limitations of the procedure, and 5) Discussion of questions and/or clinical case examples from the participants.

**Target Audience:** Individuals interested in the treatment of children and adults with habit disorders.

**Academic Level:** All

**Workshop Fee:** \$50 for ABA members, \$65 for all others.

## **Workshop # 19**

Friday, 5:00 PM - 8:00 PM  
Pacific (Suite H)

### **Current Data Collection and Analysis Technologies for the Behavioral Psychologist**

TOM SHARPE (University of Nebraska - Lincoln, NE), ANDREW HAWKINS (West Virginia University - Morgantown, WV)

**Description:** The workshop will provide hands-on application of a sophisticated software package designed to collect and analyze behavioral data when complex configurations of behavior are present, when behavior rates are high and of low duration, when the behaviors of interest are highly interactive, and when multiple behavioral occurrences of interest overlap in time or are emitted simultaneously. Discussion includes an introduction to a) recommended procedures when collecting time-based data in the live setting and from videotape records, b) computer generated discrete and sequential analyses (Bakeman & Gottman, 1986), c) alternative graphic representations, and d) reliability issues related to sequential data.

**Objectives:** Workshop participants will exit with software-based data collection and analysis competencies, including the ability to a) generate a time-based behavioral record using inclusive overlapping category systems, b) perform traditional and sequential analyses and interpret z-score transformations, and c) create and edit graphic representations of select data segments.

**Activities:** Activities include a) review of traditional recording methods highlighting their inherent challenges when dealing with complex behavioral configurations and highly interactive settings, b) introduction to, and hands on application of, a computer-based package which overcomes those challenges, and (c) detailed demonstration of data collection features, discrete and sequential analysis capabilities, and alternative graphic representations using a video-based education research illustration.

**Target Audience:** Masters and Doctoral level behavioral psychologists in training and practicing professionals interested in technological applications to a behavioral systems approach to

data collection and analysis. Workshop activities should be of particular interest to those working in highly interactive educational and clinical settings.

**Academic Level:** Introductory/Intermediate

**Workshop Fee:** \$125 for ABA members, \$140 for all others.

## **Workshop # 20**

Friday, 5:00 PM - 8:00 PM  
Pacific (Suite I)

### **Motivating Human Service Staff: Supervisory Strategies For Maximizing Work Effort and Work Enjoyment**

DENNIS REID (Louisiana State University Medical Center), MARSHA B. PARSONS (Carolina Behavior Analysis and Support Center, Ltd. - Morganton, NC)

**Description:** The topic of the workshop is strategies for supervisors in human service settings to use to motivate their staff. Practical procedures will be described based on organizational behavior management research and application for assisting supervisors in ensuring their staff: a) work diligently and proficiently, and b) enjoy their day-to-day job responsibilities. Supervisory procedures will be described for presenting staff job responsibilities in easily understandable terms, training important work skills to staff in a quick and enjoyable manner, monitoring staff work performance in ways staff find acceptable, improving inadequate and maintaining adequate job performance through diagnostic and positive feedback, and increasing good things and decreasing bad things in staffs' work environment. Finally, self-motivational strategies for supervisors will be described to help supervisors themselves routinely work hard and enjoy their work.

**Objectives:** As a result of this workshop attendees will demonstrate skills to: 1) Define job expectations in terms of observable work behaviors, 2) Describe at least 3 components of a staff-acceptable monitoring system, 3) Describe 5 steps for efficient, effective and enjoyable staff training, 4) Describe an 8-step procedure for providing performance-change feedback that staff find acceptable, 5) Describe

at least 3 strategies for increasing good things in staffs' work environment, 6) Describe at least 3 strategies for decreasing bad things in staffs' work environment, and 7) Describe at least 3 strategies for supervisory self-motivation.

**Activities:** Instructor verbal presentation, simulated modeling, distribution of written examples, and video illustrations using overhead transparencies and projector slides; audience simulated practice and role-playing.

**Target Audience:** Supervisors in human service settings, clinicians who rely on direct support personnel to implement clinical treatment procedures.

**Academic Level:** Introductory

**Workshop Fee:** \$50 for ABA members, \$65 for all others.

### **Workshop # 21**

Friday, 5:00 PM - 8:00 PM  
Pacific (Suite J)

#### **Statistical Analysis of Applied Behavioral Data: Why, When, and How**

JOHN CROSBIE (West Virginia University - Morgantown, WV)

**Description:** One of the enduring problems for applied behavior analysts is how to assess change with their data. Assessing change is less difficult with data obtained in the animal lab over extended periods under conditions of tight experimental control. With typical applied behavioral data, however, there is generally more variability, and only a small number of observations. With such data, visual inference is unreli-

able and lenient, and statistical procedures are frequently difficult to use or inappropriate. The purpose of this workshop is to describe the difficulties inherent in analyzing brief single-subject data, and how a new interrupted time-series analysis procedure (ITSACORR) can overcome many of these difficulties.

**Objectives:** At the end of the workshop, participants will be able to: 1) Describe why visual inference is unreliable and lenient with typical applied behavioral data, 2) Describe why parametric statistical procedures such as ANOVA and nonparametric procedures such as the binomial test cannot control Type I error with single-subject data, 3) Describe how interrupted time-series analysis (ITSA) tackles these problems, and 4) Perform and interpret three types of ITSA: TMS (Glass, Willson, & Gottman, 1975), ITSE (Gottman, 1981), and ITSACORR (Crosbie, 1993, 1995).

**Activities:** In the first two hours there will be a lecture on the main theoretical points, interspersed with exercises performed by participants. During the final hour various computer programs will be demonstrated with published, invented, and participants' data (if time permits). ITSACORR can be purchased for \$99 after the workshop.

**Target Audience:** This workshop is designed for behavioral researchers, academics, and graduate students who want to improve their data analytic skills with time-series data.

**Academic Level:** Intermediate

**Workshop Fee:** \$65 for ABA members, \$80 for all others.

## **Continuing Education**

Be sure to stop by the Continuing Education Desk in the Golden Gate Hall Foyer to pick up your certificate. ABA will be offering CE credits approved by the American Psychological Association (free with workshop registration) as well as MCEP credits approved by the California Psychological Association (\$15/workshop).

## CONVENTION SESSIONS

- # 1 Society for Quantitative Analyses of Behavior (SQAB)**  
Special Event See the schedule on pages 28 and 29 for Thursday (May 23), Friday (May 24), and Saturday (May 25).  
7:00 AM - 10:00 PM  
Golden Gate Hall A Chair: William L. Palya (Jacksonville State University - Jacksonville, AL)
- # 2 Welcome to San Francisco**  
Special Event Cash bar, Hors d'oeuvres, and prizes provided by NCABA, ABAT/SC, & CAL-ABA. An informal gathering to meet and talk to ABA members.  
7:00 PM - 11:00 PM  
Nob Hill (A-D)
- # 3 Standard Celeration Society**  
Business Meeting Chair: John O. Cooper (Ohio State University - Columbus, OH)  
6:30 PM - 7:20 PM  
Sierra (Suite A) Annual meeting of the 501(c)3 not-for-profit corporation, to greet old and new members, report on progress of the upcoming fall conference in Seattle, report any new developments in precision teaching, fluency, celeration, or any of its offshoots, and elect new officers.
- # 4 ABA Boards, Committees, and Special Interest Groups**  
Special Event Chair: Richard M. Foxx (Pennsylvania State University - Middletown, PA)  
8:00 PM - 9:30 PM  
Pacific (Suite I) This meeting is for all Board Coordinators, Committee Chairs, and Coordinators of Special Interest Groups of ABA. Join us for an informal meal. Introduce yourself to the rest of the group and let us know about the major accomplishments of your Board, Committee or SIG.
- # 5 Lesbians, Gays, and Bisexuals Second Social Gathering**  
Business Meeting Chairs: Kent R. Johnson (Morningside Academy - Seattle, WA), Kate Morrow (Brown University - Providence, RI)  
7:30 PM - 8:00 PM  
Sierra (Suite A) Get ready for dining and dancing on this our second gathering of lesbians in ABA!





## Society for the Quantitative Analyses of Behavior

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### Thursday Evening, May 23

5:00-9:00 *Cash Bar and Registration*

*Pacific A*

### Friday, May 24

*Golden Gate A*

7:00-8:34 *Registration, Coffee and Pastries*

7:30-8:20 *Early Bird Breakfast Tutorial: Armando Machado, Randolph C. Grace & Alliston K. Reid*

8:35 **John A. Nevin** - President's Introduction

8:45 **John A. Nevin & Randolph C. Grace** - A relation between preference and resistance to change

9:26 **Jay Moore** - Some effects of ITI duration on changeovers in discrete-trial choice

10:07 **Jack J. McDowell** - Monte-Carlo simulation studies of undermatching

10:48 *Break*

11:03 **Roger N. Shepard** - Generalization and the problem of induction

11:44 **Alliston K. Reid & John E. R. Staddon** - A blind reader for the cognitive map

12:25 *Lunch*

1:30 **Richard Kronauer** - A quantitative model for the effects of intensity and duration of light on the mammalian circadian pacemaker

2:11 **Jerry Hogan** - A general model of motivation

2:52 **William Timberlake & Stephen Rowe** - Feeding states and rhythms: Modeling free-feeding behavior in rats

3:33 *Break*

3:48 **A. Charles Catania & Eliot Shimoff** - Delay of reinforcement gradient, time or number: A quantitative theory

4:29 **Alan Stubbs, David Boynton, J. Gregor Fetterman & Leon R. Dreyfus** - Response comparison, duration comparison, and a psychophysical/remembering model

5:10 *Break / Cash Bar*

5:30 **Business Meeting**

6:00-10:00 *Poster Session / Cash Bar*



## Society for the Quantitative Analyses of Behavior

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**Saturday, May 25**

*Golden Gate A*

7:30-8:59	<i>Coffee and Pastries</i>
8:00-8:45	<i>Early Bird Breakfast Tutorial:</i> <b>Armando Machado, Randolph C. Grace &amp; Alliston K. Reid</b>
9:00	<b>William M. Baum &amp; John R. Kraft</b> - Choice in a flock of pigeons: Testing the ideal free distribution
9:41	<b>Luc-Alain Giraldeau</b> - Learning to play the producer-scrourer game
10:22	<i>Break</i>
10:37	<b>Jennifer Higa</b> - Experimental and theoretical analysis of temporal dynamics: A quantitative model
11:18	<b>Lewis Bizo</b> - Trial duration determines pacemaker rate

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The Society is committed to simplifying the transition to quantitative analyses for both advanced researchers and students. For that reason, SQAB is sponsoring **Preeminent Tutorials** (From Basics to Contemporary Paradigms: xxxxxx) throughout the ABA meeting, all in *Pacific Suite I*.

**Peter Killeen** - Timing. (Chair: Kennon A. Lattal) Sunday 2:00-2:50pm

**Howard Rachlin** - Matching. (Chair: Jack McDowell) Sunday 3:00-3:50pm

**Nestor Schmajuk** - Neural Networks. (Chair: John Moore) Monday 1:00-1:50pm

**John Staddon** - Dynamics. (Chair: Jack Marr) Monday 2:00-2:50pm

In addition, we have informal, interactive **Breakfast Tutorials** which will provide extended answers to specific questions. The emphasis will be on providing the broad conceptual framework, the important distinctions, and the details of the analytical machinery. It is intended that you be able to make the Breakfast Tutorials serve your purposes.

See our web site for abstracts and other information pertinent to the Society.  
<http://sqab.behavior.org>

For further information or registration, contact:

William L. Palya, SQAB Program Chair

Department of Psychology, Jacksonville State University, Jacksonville, AL 36265

[palya@sebac.jsu.edu](mailto:palya@sebac.jsu.edu) 205-782-5641 voice 205-782-5680 fax

Room	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM
Golden Gate A	# 1 SQAB Events						
Salon 1							
Salon 2							
Salon 3							
Salon 4							
Salon 5							
Salon 6							
Salon 7							
Salon 8							
Salon 9							
Salon 10							
Salon 11							
Salon 12							
Salon 13							
Salon 14							
Salon 15							
Nob Hill A							
Nob Hill B							
Nob Hill C & D							
Pacific Suite A							W # 4
Pacific Suite B							W # 5
Pacific Suite H							W # 6
Pacific Suite I							..
Pacific Suite J							W # 7
Pacific Suite J							W # 8
Sierra Suite A							W # 9
Sierra Suite B							..
Sierra Suite C							
Sierra Suite G							
Sierra Suite H							
Sierra Suite I							
Sierra Suite J							
Sierra Suite K							

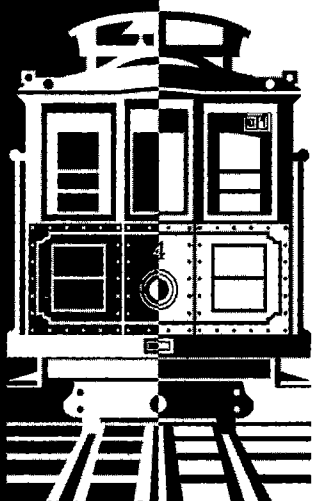
Workshop # 1 Behavioral Psychotherapy. A Radical .
Workshop # 2 Intro to Skinner's Analysis of Verbal Behavior

Workshop # 3 The Interpersonal Treatment Model. ..
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W # 4
W # 5
W # 6
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W # 7
W # 8
W # 9
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Room	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM
Golden Gate A	# 1 SQAB Events (cont.)						
Salon 1							
Salon 2							
Salon 3							
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Salon 12							
Salon 13							
Salon 14							
Salon 15							
Nob Hill A	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <b># 2 - Welcome to San Francisco</b>            7:00 PM - 11:00 PM            Sponsored by NCABA,            ABAT/SC, &amp; CAL-ABA         </div>						
Nob Hill B							
Nob Hill C & D							
Pacific Suite A	Workshop # 4 (cont.) Environmental Design for Effective ...				Workshop # 17 Radical Behaviorism & the Counseling Proc ...		
Pacific Suite B	Workshop # 5 (cont.) Teaching Language to Autistic and ...				Workshop # 18 Treatment of Habit Disorders .		
Pacific Suite H	Workshop # 6 (cont.) Reading Recovery in New Zealand				Workshop # 19 Current Data Collection and Analysis Tech ...		
Pacific Suite I	Workshop # 7 (cont.) Determining Function of Behavior ...				Workshop # 20 Motivating Human Service Staff' ...	# 4 ABA Boards ...	
Pacific Suite J	Workshop # 8 (cont.) Create a WEB Page				Workshop # 21 Stat Analysis of Applied Behavioral Data. ...		
Sierra Suite A	Workshop # 9 (cont.) The "Other" Type of Conditioning. . .				# 3 Standard Celer	# 5 LBG	
Sierra Suite B	Workshop # 10 Intro to Standard Celeration Charting						
Sierra Suite C	Workshop # 11 Techniques of Conceptual Analysis						
Sierra Suite G	Workshop # 12 Conducting Fluency Research: Topics, Tools, and Designs						
Sierra Suite H	Workshop # 13 A Dozen Common Teaching Mistakes and What To Do Instead						
Sierra Suite I	Workshop # 14 New Developments In Instructional Design						
Sierra Suite J	Workshop # 15 The C-BAD System: Assessing, Diagnosing and Prescribing Behavioral Intervention						
Sierra Suite K	Workshop # 16 Rule-Governed Behavior, Self-Management, and Performance Management						

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SAN FRANCISCO

Association  
for Behavior  
Analysis

An International Organization

22nd Annual Convention  
Saturday, May 25, 1996

Workshops  
Special Events  
Convention Sessions  
ABA Expo  
Announcements  
Day Schedule

# Workshops

## Workshop # 22

Saturday, 9:00 AM - 12:00 PM  
Pacific (Suite A)

### The Picture Exchange Communication System for Children and Adults

LORI FROST (Pyramid Educational Consultants, Inc. - Cherry Hill, NJ), Andrew Bondy (Delaware Autistic Program - Newark, DE)

**Description:** The Picture Exchange Communication System (PECS) is an initial language training package that is used to rapidly teach communication skills to those with limited functional speech. Initially, PECS was used to teach young children with autism an effective means of communicating. During the past few years, PECS has been increasingly introduced as a functional communication system with individuals with social/communication deficits of all ages. PECS is a unique training program that does not require lengthy prerequisite training, and that promotes communication in a social context that the user initiates. Rather than building to spontaneity, as promoted by many other systems, PECS begins with spontaneous actions. The sequence of PECS training incorporates an individual's lack of sensitivity to socially-mediated reinforcers. It begins by teaching a pure mand repertoire and goes on to teach intraverbals, tacts, and mixed functions in accordance with Skinner's (1957) analysis of verbal behavior.

**Objectives:** 1) To provide an historical and theoretical overview of language training programs used with nonverbal individuals. 2) To provide a detailed description of the Picture Exchange Communication System and its relationship to verbal behavior using Skinner's (1957) description of verbal operants. 3) To teach participants the procedural details and instructional techniques related to a behavior analytic orientation involved in implementing PECS with young children with autism. 4) To teach implementation strategies associated with PECS for adolescents and adults with autism and related developmental disabilities.

**Activities:** 1) Lecture. 2) Demonstration of procedures. 3) Video tape of individuals at each level of training. 4) Role playing and direct feedback.

**Target Audience:** Participants will be those involved with students/clients with severe communication deficits who desire to learn how to implement a unique communication training package.

**Academic Level:** Introductory/Intermediate

**Workshop Fee:** \$60 for ABA members, \$75 for all others.

## Workshop # 23

Saturday, 9:00 AM - 12:00 PM  
Pacific (Suite B)

### How to Develop, Produce, and Use SAFMEDS

STEPHEN GRAF (Youngstown State University - Youngstown, OH)

**Description:** SAFMEDS, an acronym for "Say All Fast Minute Every Day Shuffled", represent a procedure to promote fluency in verbal behavior developed by Odgen Lindsley some 15 years ago. Learners see information on the front of a card and attempt to say a brief appropriate response which can be found on the back. The use of the technique by Precision Teachers has provided an easy way to monitor learning large numbers of facts and concepts. Enhanced retention of material, endurance of behavior, ease of application to new material, and objective performance standards have been reported by users and practitioners.

**Objectives:** Participants should be able to: 1) Develop sets of SAFMEDS for content areas in which they teach or train which conform to the rules provided and explained in the workshop. 2) Produce SAFMEDS masters from the Macintosh-based template for Microsoft Word provided to them as part of their materials. 3) Reproduce sets of SAFMEDS for students or trainees. 4) Implement use of SAFMEDS in various settings, structuring practice timings to

interface smoothly within classroom or training sessions.

**Activities:** 1) Practice with conversion of different types of information to SAFMEDS. 2) Discussion of using the templates provided to produce SAFMEDS masters on the Macintosh to be printed as decks on card stock. 3) Discussion of alternatives for making the SAFMEDS available to students, clients, or trainees. 4) Demonstration of how to run timings with small or large groups. 5) Discussion of how to incorporate SAFMEDS into larger patterns of learning.

**Target Audience:** Participants in this workshop should either 1) have competent subject matter repertoires and be interested in promoting fluent verbal behavior in specialty areas for students, clients or employees they teach or train or 2) want to improve their own repertoires in a content area.

**Academic Level:** Introductory

**Workshop Fee:** \$70 for ABA members, \$85 for all others.

### **Workshop # 24**

Saturday, 9:00 AM - 12:00 PM  
Pacific (Suite H)

### **Incidental Teaching of Social and Academic Skills in an Inclusive Preschool**

GAIL G. McGEE, Sharon T. Hynes, Carolyn R. Parsons, Julia C. Whitney, Christopher A. Zelski and Susan E. Hawkins (Emory University School of Medicine - Atlanta, GA)

**Description:** This workshop will provide participants with experiences designed to target relevant activities for implementing incidental teaching of academic and social skills in their own programs or practices with children. The workshop will provide timely skills in redefining practice to include incidental teaching techniques that are appropriate for programs serving children with disabilities and normally developing children in a mixed setting. Research-based applications of incidental teaching procedures designed to increase such skills as eye contact, social responsivity, peer interactions, and aca-

demic skills to include early reading and math skills.

**Objectives:** Objectives are to provide participants with exercises designed to: 1) task analyze their practices for social and academic activities appropriate for incidental teaching; 2) target goals and learning objectives for clients; 3) develop an incidental teaching plan for their practice with preschoolers; 4) gain knowledge of incidental teaching applications across a variety of social and academic skills relevant to young children with disabilities.

**Activities:** The workshop format will include a combination of presentations, exercises, breakout groups, and discussion. Extensive "how-to" materials designed for use with children will be provided to all participants.

**Target Audience:** The workshop is appropriate for professionals who work directly with young children, as well as professionals who supervise a program designed to build social and academic skills for preschoolers.

**Academic Level:** Introductory/Intermediate

**Workshop Fee:** \$55 for ABA members, \$70 for all others.

### **Workshop # 25**

Saturday, 9:00 AM - 12:00 PM  
Pacific (Suite J)

### **No Nonsense Guide to Group Home Management**

SHIRLEY O'BRIEN, Vicki Pommier, Doris Duan (Community Environments, Inc. - Orlando, FL) and Jose Martinez-Diaz (Department of Health and Rehabilitative Services - Orlando, FL)

**Description:** This workshop will focus on the components necessary to develop and operate efficient and effective behavioral group homes. The workshop will focus on six primary topic areas: 1) An overview of the literature on group homes, 2) The management and organizational structure of group homes, 3) The important components of staff training and when during employment this training should be provided, 4) The development and implementation of behavioral programs for training clients in appropriate

home and community behaviors, 5) What to consider when your group home is being monitored by an outside agency, and 6) Community acceptance, funding patterns, and political ramifications when operating a group home.

**Objectives:** The goal of this workshop is to provide information to the audience on the components necessary to develop and operate a behavioral group home.

**Activities:** All participants will be provided with a manual containing the materials which are covered in the topic areas described above (e.g., sample schedules, components of staff training, a competency-based staff training tool, tools for assessing client behaviors, and a monitoring checklist). The presentation will include lecture (slides and overheads), role-plays, demonstrations, and audience discussion.

**Target Audience:** All

**Academic Level:** Introductory-Advanced

**Workshop Fee:** \$60 for ABA members, \$75 for all others.

### **Workshop # 26**

Saturday, 9:00 AM - 12:00 PM  
Sierra (Suite A)

#### **Resolving Disputes With Mediation Skills**

NANCY HUGHES (University of Kansas Psychological Clinic - Lawrence, KS)

**Description:** How to use mediation skills to intervene in and help resolve disputes between clients, employees, colleagues, family members, or others. Mediation skills are derived from a variety of disciplines, but are behavioral in nature and application. Mediation, one of several alternative dispute resolution methods, is successful in helping people resolve disputes outside the legal system. Progressional mediators work with issues as diverse as domestic relations, human resource problems, and community conflict. The standard 40-hour mediation training is expensive and time consuming for people who do not wish to become professional mediators. Most people can learn basic mediation skills quickly, incorporate them into their behavioral repertoires, and apply the skills

informally in professional and private life. The instructor has been a professional mediator since 1982 and is a Practitioner Member of the Academy of Family Mediators. She is a Social Work Specialist in the University of Kansas Department of Psychology.

**Objectives:** Participants will be able to recognize, describe, and demonstrate the basic mediation skills of reflective listening, content reframing, clarification, focusing, unlinking, conciliation, normalizing, mutualizing, and questioning. Participants will be able to describe the difference between formal mediation and informal dispute intervention using mediation skills.

**Activities:** Instructor provides an overview of the formal mediation process and basic skills used in each step. Instructor then presents each skill, one at a time. Participants immediately practice each skill in dyads, or as a group by responding orally to examples presented by the instructor. Each participant completes a written set of exercises to reinforce comprehension and to keep as a reference. Participants observe video taped examples of mediation to identify skills used by the mediator.

**Target Audience:** Anyone who lives or works with other people can benefit from learning basic mediation skills.

**Academic Level:** Introductory

**Workshop Fee:** \$60 for ABA members, \$75 for all others.

### **Workshop # 27**

Saturday, 9:00 AM - 12:00 PM  
Sierra (Suite B)

#### **Nonlinear Simulations and Neural Networks**

MICHAEL L. COMMONS (Harvard University Medical School - Cambridge, MA)

**Description:** Hands-on interactive session sponsored by the Development SIG jointly with the Society for Quantitative Analyses of Behavior (SQAB) on Nonlinear Simulations and Neural Networks.



**Objectives:** To demonstrate a new computer procedure on nonlinear simulations and neural networks.

**Activities:** Bring your laptops. The programs to be demonstrated will run in DOS or Windows. In addition, there will be some handouts with block diagrams, definitions, actual code, and compiled code. The model may discuss what phenomenon and experiments it explains and predicts and in what domains; problems it solves that occur with other approaches; its relationship to core models; parameters that are free and otherwise, units it uses such as, gates, oscillators, distributions; number of layers and hidden levels; and whether it is tutored or untutored.

**Target Audience:** Those interested in this most interesting problem area.

**Academic Level:** Introductory

**Workshop Fee:** \$50 for ABA members, \$65 for all others.

### **Workshop # 28**

Saturday, 9:00 AM - 12:00 PM  
Sierra (Suite C)

### **Promoting Student Writing Skills Through Collaborative Group**

#### **Assignments: Contingencies That Work**

NED CARTER (Arbets-Och Miljomedicn - Uppsala, Sweden) and Richard E. Laitinen (University of Memphis - Memphis, TN)

**Description:** A behavioral analysis of the writing process and controlling contingencies will be presented with focus given to the engineering of contingencies of composition, audience control, editing, and logical and scientific verbal behavior within a group format. Discussion will cover the areas of forming groups, setting up group-based systems of project development and pacing, peer-based systems of evaluating individual participation, and grading.

**Objectives:** Participants will learn how to create, develop, implement and monitor collaborative group writing assignments within their subject areas of interest and instruction. Participants will be required to produce from one to

three group-based writing assignments for immediate implementation with their students.

**Activities:** Participants should bring current course syllabi for referencing the development of embedded writing activities. Each participant will complete a syllabus analysis for identifying potential group writing activities.

**Target Audience:** University or college instructors who desire to improve the individual writing skills of students through the production of collaborative, group products.

**Academic Level:** Introductory

**Workshop Fee:** \$55 for ABA members, \$70 for all others.

### **Workshop # 29**

Saturday, 9:00 AM - 12:00 PM  
Sierra (Suite G)

### **Basics of Establishing a Pet Therapy Practice**

KENNON A. LATTAL (West Virginia University - Morgantown, WV)

**Description:** This workshop is designed to help behavior analysts set up a practice for helping pet owners with behavior problems of their pets using the techniques of behavior analysis.

**Objectives:** We will address the following: 1) Review the types of pet behavior problems commonly encountered in every day settings. 2) Examine ways of addressing behavior problems of pets. 3) Provide practice in diagnosing problems and designing behavioral interventions for pet behavior problems. 4) Consider practical issues of establishing a behavior-analytically oriented practice for ameliorating behavior problems of pets.

**Activities:** Activities will include both didactic material and practical experience in the diagnosis and treatment of pet behavior problems.

**Target Audience:** For people who are familiar with the basic principles and methods of behavior analysis, but without experience in working with pet behavior problems.

**Academic Level:** Introductory

**Workshop Fee:** \$65 for ABA members, \$80 for all others.

## **Workshop # 30**

Saturday, 9:00 AM - 12:00 PM  
Sierra (Suite H)

### **Behavioral Consultation in Developmental Disabilities: Effective Applications in the Real World of Private Practice.**

ERIC V. LARSSON and Paul Thinesen (REM Consulting & Services, Inc. - Minneapolis, MN)

**Description:** This workshop will present the real issues in developing a private practice which delivers effective behavioral solutions to a diverse group of consumers. While the concise research findings presented in JABA and elsewhere are nice models, there are numerous practicalities to be considered in effectively implementing these techniques in the real world. The focus will be on the delivery of services to families, schools, residential programs, day programs, and social-work case managers for individuals with developmental disabilities.

**Objectives:** Participants will be presented with essential information in: 1) Identifying the goals of the consultation and developing a contract, 2) Real-world functional assessment of both consumer and provider behavior, 3) Translating research findings into practical intervention packages, 4) Managing treatment compliance and responding to noncompliance, 5) Managing a private practice as a business, 6) Developing and maintaining a clientele, and 7) Providing popular workshops to various populations.

**Activities:** Attendees will participate in didactic presentations, discussions, and problem-solving sessions.

**Target Audience:** Participants should have a basic understanding of behavioral terminology for developmental disabilities. The workshop will be suitable for persons with a wide range of experience in behavioral consultation. Students and others with no experience will find much useful information.

**Academic Level:** Introductory

**Workshop Fee:** \$55 for ABA members, \$70 for all others.

## **SPECIAL EVENTS**

### **#7 • International Development Committee Breakfast.**

Chair: Liliana Mayo

The goal of the International Development Committee is to study and recommend the Council policies and strategies to increase participation by non-U.S. residents in ABA activities and in the field of Behavior Analysis.

### **#11 • Welcome to ABA**

Chair: April D. Miller

Sponsored by the Professional Development Committee. All members of ABA are welcome, with particular attention to those who would like to take an active role in the professional development of an increasingly diverse membership.

### **#12A • An Introduction to the Association for Behavior Analysis**

Newcomer's Session

An overview of ABA, its history, structure and function as the international locus of the field of behavior analysis.

Chairs: Jack Michael & W. Scott Wood

### **#12B • Breakfast for Directors of the Affiliated Chapters of ABA**

All affiliated chapter directors are invited to participate in this coordination effort.

Chair: Gerald L. Shook

### **#13 • Opening Symposium: One Parent's Reflections on Persuasion and Partnership. CATHERINE MAURICE**

Catherine Maurice will give a lay person's perspective on how behavioral principles and techniques are communicated to the non-professional public.

Chair: Gina Green

### **#66 • ABA EXPO!**

Featuring displays from behavioral programs in graduate training, around the world, and ABA committees and special interest groups.

## CONVENTION SESSIONS

- # 6 Society for Quantitative Analyses of Behavior (SQAB)**  
Special Event See schedule on pages 28 and 29 for Thursday (May 23),  
7:30 AM - 11:50 AM Friday (May 24), and Saturday (May 25).  
Golden Gate Hall Chair: William L. Palya (Jacksonville State University -  
(Salon A) Jacksonville, AL)
- # 7 International Development Committee Breakfast**  
Special Event Chair: Liliana Mayo (Centro Ana Sullivan - Lima, Peru)  
International The goal of the International Development Committee is to  
7:30 AM - 9:00 AM study and recommend the Council policies and strategies to  
Pacific (Suite I) increase participation by non-U.S. residents in ABA  
activities and in the field of Behavior Analysis.
- # 8 Teaching Behavior Analysis SIG and the Education  
Board – Goal Setting Session**  
Business Meeting  
8:00 AM - 8:50 AM Chairs: Corina Groeger, Richard W. Malott (Western  
Pacific (Suite A) Michigan University - Kalamazoo, MI)  
To discuss annual reports and plan for recruitment for the  
1997 conference during the 1996 conference.
- # 9 Interbehaviorists in ABA Special Interest Group**  
Business Meeting  
8:00 AM - 8:50 AM Chairs: Linda J. Hayes, Debra W. Fredricks (University of  
Pacific (Suite B) Nevada - Reno, NV)  
To report on the status of the Interbehaviorists and discuss  
future plans.
- # 10 ABA Publication Board**  
Business Meeting  
8:00 AM - 8:50 AM Chair: Michael Perone (West Virginia University -  
Pacific (Suite H) Morgantown, WV)  
To discuss business related to the publication of *The  
Behavior Analyst* and *Analysis of Verbal Behavior*.
- # 11 Welcome to ABA**  
Special Event  
9:00 AM - 10:00 AM Chair: April D. Miller (University of Southern Mississippi -  
Sierra (Suite J) Hattiesburg, MS)  
The goal of this panel discussion is to enhance the welcome  
of new members of ABA, and to enhance the professional  
development of all members of ABA. All members of ABA  
are welcome, with particular attention to those who would  
like to take an active role in the professional development of  
an increasingly diverse membership.

**# 12A An Introduction to the Association for Behavior Analysis  
(Newcomer's Session)**

Special Event  
10:00 AM - 12:00 PM  
Pacific (Suite I)  
Recorded

Chairs: Jack Michael (Western Michigan University - Kalamazoo, MI), W. Scott Wood (Drake University - Des Moines, IA)

An overview of ABA, its history, structure and function as the international locus of the field of behavior analysis. Awards, special interest groups, and other features will also be dealt with. There will be slides of famous ABA contributors. Professors Michael and Wood, two of ABA's founding members, will review the origin and organization of ABA as well as describe the principles of behavior analysis that form the scientific foundation of the field.

**# 12B Breakfast for Directors of the Affiliated Chapters of  
ABA**

Special Event  
10:00 AM - 12:00 AM  
Sierra (Suite K)

Chair: Gerald L. Shook (Au Clair - Tallahassee, FL)  
All affiliated chapter directors are invited to participate in this coordination effort.



**# 13**

Opening  
Address

12:00 PM - 1:00 PM  
Yerba Buena Ballroom  
(Salon 9)

**One Parent's Reflections on Persuasion and Partnership**

Chair: Gina Green (New England Center for Autism - Southborough, MA)

Presenter: CATHERINE MAURICE (Author of the book "Let Me Hear Your Voice")

Catherine Maurice will give a lay person's perspective on how behavioral principles and techniques are communicated to the non-professional public. She will explore some forms of communication that in her experience were effective, and some forms that were ineffective. She will offer some thoughts on the possible means of forming a more cooperative and reinforcing partnership between behavioral professionals and members of the public who may require their services.



**# 14**

Symposium

1:00 PM - 2:50 PM  
Yerba Buena Ballroom  
(Salon 7)  
DDA

**The Effects of Establishing Operations During  
Functional Analysis and Treatment of Aberrant  
Behavior**

Chair: Wayne W. Fisher (Kennedy Krieger Institute)

Discussant: Brian Iwata (University of Florida)

- Noncontingent Reinforcement as Treatment for Severe Behavior Disorders: An Emerging Methodology.  
TIMOTHY R. VOLLMER (Louisiana State University)

- The Effects of Meal Schedule and Quantity on Problematic Behavior. DAVID WACKER, Jay Harding, Linda J. Cooper (The University of Iowa), K. Mark Derby (Kennedy Krieger Institute), Stephanie Peck, Jennifer Asmus, Wendy K. Berg, Kimberly Brown (The University of Iowa)
- A Systematic Examination of the Effects of Prior Classroom Conditions on Performance within Analogue Analysis Assessments. MARK O'REILLY, Yvonne Carey (University College Dublin)
- The Relative Effects of Reinforcer Duration and Establishing Operation Exposure During Functional Analysis and Treatment of Aberrant Behavior. WAYNE W. FISHER, Cathleen C. Piazza, Lynn G. Bowman, Rachel Thompson, Debbie Farrell, Kim Crosland (Kennedy Krieger Institute)



## # 15

### Symposium

1:00 PM - 2:50 PM

Yerba Buena Ballroom

(Salon 6)

DDA

### **Intensive Behavioral Intervention for Young Children with Autism at Home and School**

Chair: Gina Green (New England Center for Autism, E.K. Shriver Center for Mental Retardation, and Northeastern University)

Discussant: Andrew S. Bondy (Delaware Autistic Program)

- Early Intervention for Children with Autism and PDD: A Continuum of Services. REBECCA P. F. MacDONALD, Judy McKenna, Renee Mansfield, Sharon Ross (New England Center for Autism and Simmons College)
- Outcome Data on Early Intensive Intervention for Autism: Differential Rates of Skill Acquisition. MARY JANE WEISS (Rutgers University and Douglass Developmental Disabilities Center)
- Intensive Behavioral Intervention for a Young Residential Student with Autism. RICHARD B. GRAFF, Gina Green (New England Center for Autism, E.K. Shriver Center for Mental Retardation, and Northeastern University)
- Does Picture Exchange Communication Training Establish Stimulus Classes? SHARON KRENDEL-AMES, Gina Green, Sharon Ross (New England Center for Autism, E.K. Shriver Center for Mental Retardation, and Northeastern University)



## # 16

### Symposium

1:00 PM - 2:50 PM  
Yerba Buena Ballroom  
(Salon 5)  
EDC

## **Understanding and Analyzing the Behavior of Children with Behavioral and Developmental Disabilities: Methodological Issues and Empirical Findings of Expanded Environmental Analyses**

Chairs: James Fox (East Tennessee State University), Carol Davis (University of Minnesota)

Discussant: Mary McEvoy (University of Minnesota)

- A Sequential Analysis of Instructor Prompts and Feedback Statements and Students' Disruptive Behavior. KELLY HECKAMAN (Northwestern State University of Louisiana)
- A Multiple-Gating Approach to the Functional Assessment of Aggressive Behavior in Classroom Settings. JOSEPH WEHBY (Peabody College of Vanderbilt University)
- A Longitudinal Study of Developmental Outcomes and Observed Caregiver-Child Interactions of Children Prenatally Exposed to Illicit Drugs and Alcohol. JUDITH J. CARTA, Jane B. Atwater (University of Kansas - Kansas City, KS)
- Classroom Environmental Arrangements as Setting Events for Teacher-Student Interactions: Experimental Analysis and Implications. CAROL DAVIS (University of Minnesota), James Fox (East Tennessee State University)



## # 17

### Symposium

1:00 PM - 2:50 PM  
Yerba Buena Ballroom  
(Salon 4)  
PRM

## **Transitioning into Consulting**

Chair: Tracy Thurkow (Continuous Learning Group, Inc. - Duluth, GA)

Discussant: Paul Brown (Instructional Design Associates - New Paltz, NY)

- Transitioning from Industrial Engineering to OBM: Two Perspectives of OBM. JOHN R. DALE (Continuous Learning Group, Inc. - Morgantown, WV)
- Transitioning from One Behavioral Firm to Another: Finding Common Ground. DARNELL LATTAL (Continuous Learning Group, Inc. - Morgantown, WV)
- Transitioning from Internal Consulting: Adapting to the Change Process. JAN MILLER (Continuous Learning Group, Inc. - Moon Township, PA)
- Transitioning from Academe to Private Sector Consultation. WILLIAM K. REDMON (Continuous Learning Group, Inc. - Moon Township, PA)



## # 18

### Symposium

1:00 PM - 2:50 PM

Yerba Buena Ballroom  
(Salon 3)

DEV

- Transitioning to Consulting: Leaving a Large Organization at Mid-Life. GALEN REESE (Reese Consultant Company - Houston, TX)
- Transitioning from Graduate School into Consulting: Lessons Learned. TRACY THURKOW (Continuous Learning Group, Inc. - Duluth, GA)

## **Bi-Directional Influences in Behavioral Interactions**

Chair: Wendy E. Roth (Florida International University - Miami, FL)

Discussant: Gary Novak (California State University - Stanislaus, CA)

- Determined but not Predictable: Developmental Change in Environment-Organism-Behavior Interactions. ANNE W. O'REILLY (West Virginia University - Morgantown, WV)
- Bi-directional Influences between Adults and Children with Developmental Disabilities. PATRICIA MEINHOLD (Western Michigan University)
- Multiple Influences in Behavioral Interactions. MARTHA PELAEZ-NOGUERAS (Florida International University - Miami, FL)



## # 19

### Symposium

1:00 PM - 2:50 PM

Yerba Buena Ballroom  
(Salon 2)

EAB

## **Advances in Behavioral Economics: Empirical Findings and Conceptual Issues**

Chair: Gregory J. Madden (University of Vermont)

Discussant: Suzanne H. Mitchell (University of New Hampshire)

- An Economic Reanalysis of the Effects of Antagonist Drugs. GREGORY J. MADDEN, Warren K. Bickel, Richard J. DeGrandpre (University of Vermont)
- Normalized Demand for Drugs that Differ in Efficacy and Time to Onset of Action. STEVEN R. HURSH (Science Applications International Corp.), Gail Winger (University of Michigan)
- A Behavioral Economic Analysis of Rats' Preferences for Fats. DEBRA E. FREED, Leonard Green (Washington University)
- Economics, Optimality, Regulation, and Behavioral Strategies. WILLIAM TIMBERLAKE (Indiana University)

**# 20****Symposium**

1:00 PM - 2:50 PM  
Yerba Buena Ballroom  
(Salon 1)  
CCS

**Research on Changing Cultural Practices**

Chair: Patrick R. Progar (Children's Seashore House)

Discussant: Jay Moore (University of Wisconsin - Milwaukee, WI)

- Project SixTeen: An Experimental Evaluation of a Community Intervention to Prevent Adolescent Tobacco Use. ANTHONY BIGLAN (Center for Community Interventions on Childrearing Oregon Research Institute), Lionel Ruckstuhl, Jr. (University of Nevada - Reno, NV)
- Changing a State's Service System for Families of Children with Chronic Illness. GEORGE SINGER (University of California at Santa Barbara)
- Community Action for Successful Youth: The Design and Methods of a Community Intervention Study to Prevent Youth Problem Behavior. LIONEL R. RUCKSTUHL, Jr. (University of Nevada - Reno, NV), Anthony Biglan (Center for Community Interventions on Childrearing Oregon Research Institute)
- A Cultural Materialist Analysis of the Prison Industry in the United States. MANISH VAIDYA, Eric A. Jacobs (University of Florida - Gainesville, FL)

**# 21****Panel**

Discussion  
1:00 PM - 2:50 PM  
Yerba Buena Ballroom  
(Salon 10)  
TPC

**Science, Belief, and Religious Behavior: Are They Compatible?**

Chairs: Charalambos C. Cleanthous (Children's Hospital of Pittsburgh - Pittsburgh, PA), Robert F. Peterson (University of Nevada - Reno, NV)

Panelists:

- STEVEN KEMP (University of North Carolina - Chapel Hill, NC)
- LAWRENCE FRALEY (West Virginia University - Morgantown, WV)

**# 22****Symposium**

International  
1:00 PM - 2:50 PM  
Yerba Buena Ballroom  
(Salon 14)  
DDA

**Analysis and Intervention in Community Services for the Developmentally Disabled**

Chair: W. Larry Williams (University of Nevada - Reno, NV)

Discussant: Maurice A. Feldman (Queens University - Kingston, Ontario)

- Functional Analysis and Intervention in a Case of Rumination. ROBIN DRAPER (Sierra Regional Center - Sparks, NV), DAVID A. WILDER, W.L. Williams, Thomas S. Higbee (University of Nevada - Reno, NV)



- **Functional Analysis and Intervention in a Case of Severe Aggression.** CHRISTOPHER EMPEY, David A. Wilder, Thomas S. Higbee, W. Larry Williams (University of Nevada - Reno, NV), Martin Bennett, Marcia Bennett (Sierra Regional Center - Sparks, NV)
- **Increasing Food Acceptance with a Child Needing Pervasive Supports.** NELSON RODRIGUEZ (Trinity Services, Inc. - Joliet, IL), Laura Kambie (Edgewater Rehabilitation Associates, Inc. - New Lennox, IL) Mark Swain (University of Nevada - Reno, NV), Barb Altenhoff, Tina Marie Spada (Trinity Services, Inc. - Joliet, IL)
- **Application of the ABS-RC:2 as a Skills Assessment and Program Evaluation Tool in a Prevocational Employment Program for Adults with Developmental Disabilities.** DEIRDRE LEE GONZALES, W. Larry Williams (University of Nevada - Reno, NV)
- **Dealing with Staff Tardiness: The Effects of Certain vs. Uncertain Consequences.** THOMAS S. HIGBEE, David A. Wilder, W. Larry Williams (University of Nevada - Reno, NV)



**# 23**

**Panel**

**Discussion**

**1:00 PM - 2:50 PM**

**Yerba Buena Ballroom**

**(Salon 15)**

**CBM & EAB**

**Putting Behavior Analysis to Work: Two Fields of Application, in Video**

**Chairs:** Marian Breland Bailey (Henderson State University - Arkadelphia, AR), Robert E. Bailey (Eclectic Science Productions - Hot Springs, AR)

**Panelists:**

- DONALD A. COOK (Cambridge Center for Behavioral Studies - Cambridge, MA)
- JOHN N. MARR (University of Arkansas - Fayetteville, AR)



**# 24**

**Panel**

**Discussion**

**1:00 PM - 2:50 PM**

**Nob Hill A**

**TPC**

***The Journal of Behavior Analysis and Therapy (JBAT): Discussion of the First Internet/World Wide Web Peer-Reviewed Journal of Basic and Applied Behavior Analysis***

**Chair:** Joseph J. Plaud (University of North Dakota)

**Panelists:**

- NANCY D. VOGELTANZ (University of North Dakota)
- DONALD HANTULA (Temple University)
- JAMES MULICK (Ohio State University)
- MICHAEL COMMONS (Harvard Medical School)
- ALAN BARON (University of Wisconsin - Milwaukee)



### # 25

Panel

Discussion

1:00 PM - 2:50 PM

Nob Hill C & D

PRM

### **The Future of Performance Management**

Chair: Brian L. Cole (Auburn University - Auburn, AL)

Panelists:

- RODNEY J. CONARD (Conard and Associates - Nashua, NH)
- AUBREY C. DANIELS (Aubrey Daniels and Associates - Tucker, GA)
- LESLIE A. WILK (Continuous Learning Group - Coraopolis, PA)
- BILL L. HOPKINS (Auburn University - Auburn, AL)



### # 26

Symposium

International

1:00 PM - 2:50 PM

Pacific (Suite A)

ELS

### **Current Research in Behavioral Analysis of Societies and Cultural Practices**

Chair: P. A. Lamal (University of North Carolina - Charlotte, NC)

Discussant: William Baum (University of New Hampshire - Durham, NH)

- Information, Communication, and Behavior Control: Propaganda in the Mega-Corporate Society. RICHARD E. LAITINEN (University of Memphis - Memphis, TN), Richard Rakos (Cleveland State University - Cleveland, OH)
- Behavior Analysis of Preventive Medical Service: Theory-Based Exploratory Studies. MEL HOVELL (San Diego State University - San Diego, CA), Stergios Russos (University of Kansas - Lawrence, KS)
- Improving the Work Environment - Cultural Contingencies in the USA and Sweden. NED CARTER (University Hospital - Uppsala, Sweden)
- Behavioral Sexual Maladaptation Contagion in the U.S. V. THOMAS MAWHINNEY (Indiana University - South Bend, IN)

### # 27

Symposium

International

1:00 PM - 2:50 PM

Pacific (Suite B)

DEV

### **When Self-Instruction is Effective, What is the Best Explanation?**

Chair: Tor Jenssen (University of Oslo - Norway)

Discussants: Karen R. Harris (University of Maryland), Donald M. Baer (University of Kansas)

- Self-Instruction is Just Instruction. IRENE GROTE, Donald M. Baer (University of Kansas - Lawrence, KS)



- Self-Instruction is a Special Case of Self-Regulation. KAREN R. HARRIS (University of Maryland - College Park, MD)
- Self-Instruction Occurs when Instructions are Imitated. SIGMUND ELDEVIK, Alvis Rouland (Habilitation Services Akershus - Oslo, Norway), Willy-Tore Morch (University of Tromso - Oslo, Norway)

## **# 28 Empirical Outcomes of Inclusive Education**

Symposium  
1:00 PM - 2:50 PM  
Pacific (Suite H)  
DDA

Chair: Craig H. Kennedy (University of Hawaii - Honolulu, HI)

Discussant: Gary M. Sasso (University of Iowa)

- Placement Along the Continuum of Services and its Impact on Students' Social Relationships. SMITA SHUKLA, Craig H. Kennedy, Dale Fryxell (University of Hawaii - Honolulu, HI)
- Academic Effects on Students without Disabilities who Serve as Peer Supports for Students with Disabilities in General Education Classrooms. LISA CUSHING, Craig H. Kennedy (University of Hawaii - Honolulu, HI)
- Comparing Different Classroom-Based Approaches for Including Students with Severe Disabilities Into General Education. KIM A. MEYER, Craig H. Kennedy, Smita Shukla, Lisa Cushing (University of Hawaii - Honolulu, HI)

## **# 29 Within-Session Changes in Operant Responding**

Symposium  
1:00 PM - 2:50 PM  
Pacific (Suite I)  
EAB

Chair: Frances K. McSweeney (Washington State University - Pullman, WA)

Discussant: Cam L. Melville (McNeese State University - Lake Charles, LA)

- Reinforcer "Value" may Change within Experimental Sessions. SAMANTHA SWINDELL, Frances K. McSweeney, Jeffrey N. Weatherly (Washington State University - Pullman, WA)
- Within-Session Changes in Responding during Simple, Mixed and Multiple Variable-Interval Schedules. JEFFREY N. WEATHERLY, Frances K. McSweeney, Samantha Swindell (Washington State University - Pullman, WA)



**# 30**

**Symposium**

**1:00 PM - 2:50 PM**

**Pacific (Suite J)**

**CBM**

- **Deprivation and Satiety: Roles in the Production of Within-Session Response Patterns.** JOHN M. ROLL (University of Vermont - Burlington, VT), Nancy Petry (Harvard University), Frances K. McSweeney (Washington State University - Pullman, WA)
- **Within-Session Patterns of Responding when the Session Begins at a Random Time.** FRANCES K. MCSWEENEY, Samantha Swindell, Jeffrey N. Weatherly (Washington State University - Pullman, WA)

**Advances in the Assessment and Treatment of Tics and Related Disorders in Children**

**Chair:** Raymond G. Miltenberger (North Dakota State University - Fargo, ND)

**Discussant:** R. Wayne Fuqua (Western Michigan University - Kalamazoo, MI)

- **A Functional-Analytic Approach to the Diagnosis of a Transient Tic Disorder.** CONNIE C. TAYLOR (Behavior Management Consultants), James E. Carr (Florida State University - Tallahassee, FL), Robert J. Wallander (Behavior Management Consultants), Maxin L. Reiss (Behavior Management Consultants)
- **Clinical SIG Student Paper Competition Winner: A Brief Behavior Therapy Protocol for Tourette Syndrome.** JAMES E. CARR, Jon S. Bailey (Florida State University - Tallahassee, FL)
- **Sequential Application of Major Habit Reversal Components to Treat Motor Tics in Children.** DOUGLAS W. WOODS (Western Michigan University - Kalamazoo, MI), Raymond G. Miltenberger (North Dakota State University - Fargo, ND), Vicki A. Lumley (North Dakota State University - Fargo, ND)
- **The Treatment of Rumination and Trichotillomania with a Simplified Habit Reversal Procedure.** JOEL R. WAGAMAN (University of Kansas - Lawrence, KS)
- **Clinical Applications of Simplified Habit Reversal.** KEITH D. ALLEN (University of Nebraska Medical Center - Omaha, NE), Dave Janicke (Mankato State University - Mankato, MN)



### **# 31**

#### **Symposium**

3:00 PM - 4:50 PM

Yerba Buena Ballroom  
(Salon 7)

DDA

### **Current Research Regarding the Long-Term Effectiveness of Treatments for Severe Aberrant Behavior**

Chair: K. Mark Derby (Kennedy Krieger Institute and The Johns Hopkins University School of Medicine)

Discussant: David P. Wacker (University of Iowa)

- Long-term Treatment of Severe Noncompliance: Blending Functional Communication Training and Choice Making. STEPHANIE M. PECK, Cyndi Yeager, David P. Wacker, Wendy K. Berg, Amy Jo Royster (Gonzaga University and The University of Iowa)
- An Analysis of Control over Reinforcer Delivery during Long-term Treatment. JAY HARDING, David P. Wacker, Wendy Berg, Jennifer Asmus, Linda Cooper (The University of Iowa)
- Maintenance and Generalization of Behavior Reductions following Inpatient Admission for Severe Behavior Disorders. JENNIFER R. ZARCONI, Patricia F. Kurtz, Wayne W. Fisher, Lynn G. Bowman, Therese McIntyre, Whitney Johnson (Kennedy Krieger Institute and Johns Hopkins University School of Medicine)
- Relapse and Relapse Prevention: Implications for Self-Injurious Behavior. V. MARK DURAND (University at Albany, State University of New York)

### **# 32**

#### **Symposium**

3:00 PM - 4:50 PM

Yerba Buena Ballroom  
(Salon 6)

DDA

### **Programming for Generalization Into the Home Environment Following Short-Term Residential Treatment for Maladaptive Behaviors of Individuals With Mental Retardation**

Chair: Christie Enzinna (Behavior Treatment and Training Center - Richmond, TX)

Discussant: Gordon Bourland (Dallas County MHMRA - Dallas, TX)

- Effecting Changes in the Community Based Environment to Support the Re-Entry of Individuals with Challenging Behaviors. CARLA RATTI (Behavior Treatment and Training Center - Richmond, TX)
- Identification of Treatment Program Components and Individual Demographics that Provide for a Successful Return to the Community. CARLA RATTI (Behavior Treatment and Training Center - Richmond, TX)



### # 33

#### Symposium

#### International

3:00 PM - 4:50 PM

Yerba Buena Ballroom

(Salon 5)

EDC

- Moving From a Residential Treatment Facility to a Home Environment. JAMES MANCHACK (Behavior Treatment and Training Center - Richmond, TX)
- Moving Toward a Model of Comprehensive Behavioral Support in the Community: Emerging Issues. GEORGE ZUKOTYNSKI (Behavior Treatment and Training Center - Richmond, TX)

### **Verbal and Nonverbal Relations as the Building Blocks for Developing Competent Learners**

Chair: Dan Hursh (West Virginia University - Morgantown, WV)

Discussant: Howard Farris (Western Michigan University - Kalamazoo, MI)

- Establishing and Strengthening a Basic Verbal Repertoire. ESTHER SHAFER (London, England)
- Developing Competent Learner Repertoires: Case Studies. VICCI TUCCI (Tucci Educational Services - La Selva Beach, CA)
- Augmentative Effects of Competent Learner Repertoires. JOE DEEM (Fontana Unified School District - Fontana, CA)
- Cost and Benefits of Developing Competent Learners. DAN HURSH (West Virginia University - Morgantown, WV)



### # 35

#### Panel

#### Discussion

3:00 PM - 4:20 PM

Yerba Buena Ballroom

(Salon 3)

DEV

### **Are Behavioral-Developmental Stages Necessary in the Behavior Analysis of Human Development?**

Chair: Michael L. Commons (Harvard University Medical School - Cambridge, MA)

Panelists:

- MARTHA PELAEZ-NOGUERAS (Florida International University - Miami, FL)
- HAYNE W. REESE (West Virginia University - Morgantown, WV)
- JACOB L. GEWIRTZ (Florida International University - Miami, FL)
- JESUS ROSALES-RUIZ (University of North Texas - Denton, TX)
- LEWIS P. LIPSITT (Brown University - Providence, RI)
- SCOTT FRASER (Florida International University - Miami, FL)



### # 36

#### Symposium International

3:00 PM - 4:50 PM

Yerba Buena Ballroom

(Salon 2)

EAB

### **Relational Frame Theory: Extending the Analysis**

Chair: Richard T. Bissett (University of Nevada - Reno, NV)

Discussant: William O'Donohue (University of Nevada - Reno, NV)

- Connectionist Models of Arbitrarily Applicable Relational Responding: A Possible Role for the Hippocampal System. DERMOT BARNES, Peter J. Hampson (University College Cork - Cork, Ireland)
- Incongruous Stimulus Function and Conditional Discrimination Training: Effects on Relational Responding. BRYAN ROCHE, Dermot Barnes (University College Cork - Cork, Ireland), Paul M. Smeets (University of Leiden - The Netherlands)
- Beyond Matching-to-Sample: Developing Better Methods for Assessing Relational Frames. RICHARD T. BISSETT, Steven C. Hayes (University of Nevada - Reno, NV)
- Changing Organizational Culture Through Relational Framing. TINA MARIE CLAYTON, Linda Hayes, Steven C. Hayes, Steven C. Moore (University of Nevada - Reno, NV)



### # 37

#### Symposium

3:00 PM - 4:50 PM

Yerba Buena Ballroom

(Salon 1)

CCS

### **Is a Science for Changing Cultural Practices Necessary? Is it Possible?**

Chair: L. E. Ruckstuhl, Jr. (University of Nevada - Reno, NV)

Discussant: William C. Follette (University of Nevada - Reno, NV)

- The Need for a Science for Changing Cultural Practices. ANTHONY BIGLAN (Center for Community Interventions on Childrearing, Oregon Research Institute)
- Science for Changing Cultural Practices: Problems and Possible Solutions. L. E. RUCKSTUHL, Jr., William C. Follette (University of Nevada - Reno, NV)
- A Science of Cultural Design: The Final Frontier. MARK MATTAINI (Columbia University School of Social Work)
- The Performance Management Model of Cultural Change. RICHARD W. MALOTT, Tobias LaFleur (Western Michigan University - Kalamazoo, MI)



**# 39 Cultural Analysis: Where do We Go From Here?**

Panel

Discussion

3:00 PM - 4:50 PM

Yerba Buena Ballroom

(Salon 11)

ELS

Chair: V. Thomas Mawhinney (Indiana University - South Bend, IN)

Panelists:

- PETER A. LAMAL (University of North Carolina - Charlotte, NC)
- MARIA E. MALOTT (Western Michigan University - Kalamazoo, MI)
- SIGRID S. GLENN (University of North Texas - Denton, TX)
- DARREL E. BOSTOW (University of South Florida - Dade City, FL)

**# 40 Behavioral Consultation in School Settings**

Symposium

3:00 PM - 4:50 PM

Yerba Buena Ballroom

(Salon 12)

EDC

Chair: Jose Martinez-Diaz (Florida Department of Health and Rehabilitative Services - Orlando, FL)

Discussant: James Partington (Behavior Analysts, Inc. - Danville, CA)

- The School Behavior Analyst: The Newest Member of School Intervention Teams. MAXIN REISS (Behavior Management Consultants, Inc. - Tallahassee, FL), Alicia White (Apalachee Center for Human Services - Tallahassee, FL)
- Obstacles to Success in Classroom Behavioral Consultation. SHARON OLDER, Todd Castine (Intervention Services, Inc. - Orlando, FL)
- Applied Behavior Analysis in Public Schools: Case Studies. SHARON OLDER, Todd Castine, Melissa Santos (Intervention Services, Inc. - Orlando, FL)



**# 41 Applied Behavior Analysis With Animals: Beyond the Laboratory**

Symposium

3:00 PM - 4:50 PM

Yerba Buena Ballroom

(Salon 13)

EAB

Chair: Marian Breland Bailey (Henderson State University - Arkadelphia, AK)

Discussant: Kennon A. Lattal (West Virginia University - Morgantown, WV)

- Free Enterprise Harnesses the Free Operant. MARIAN BRELAND BAILEY (Henderson State University - Arkadelphia, AK), BOB BAILEY (Eclectic Science Productions)
- Operant Exotics: Trends in Zoo Animal Management. GARY PRIEST (Zoological Society of San Diego)



- Behavior Analysis Goes to the Zoo, or a Fable of Llamas, Donkeys, Goats, Pigs, Hornbills, and Three Big Elephants. JACK MARR, Kristen Lukas, Mary Sorensen (Georgia Institute of Technology)
- Determining the Dog's Odor Detection Signature for Explosives. JIM JOHNSTON, Marc Williams, Paul Waggoner, Jan Jackson, Meredith Jones (Auburn University - Auburn, AL)
- Cooperative Dolphins and Whales. SAM RIDGWAY (NCCOSC - San Diego, CA)



**# 42**

**Symposium**

**3:00 PM - 4:50 PM**

**Yerba Buena Ballroom**

**(Salon 14)**

**DDA**

### **Current Issues in Supported Employment**

**Chair:** Keith Storey (Chapman University - Concord, CA)

**Discussant:** Robert H. Horner (University of Oregon)

- The Use of Natural Supports to Increase Integration in Employment Settings. KEITH STOREY, JENNY T. GARFF (Chapman University - Concord, CA)
- There are Plenty of Jobs for Behavior Analysts in Supported Employment. DAVID W. TEST (University of North Carolina - Charlotte, NC)
- Using Self-Management Strategies in Employment Settings. TERESA A. GROSSI (University of Toledo)
- Social Validation of a Conversational Interaction Intervention Among High School Students with Disabilities. CAROLYN HUGHES, Daniel J. Killian, Gregory M. Fischer (Vanderbilt University)



**# 43**

**Panel**

**Discussion**

**3:00 PM - 4:50 PM**

**Yerba Buena Ballroom**

**(Salon 15)**

**CBM**

### **A Clinical Behavior Analytic Case Conference**

**Chair:** Lucianne Hackbert (University of New Mexico - Albuquerque, NM)

**Discussant:** Kurt Salzinger (Hofstra University - Hempstead, NY)

**Panelists:**

- MICHAEL DOUGHER (University of New Mexico - Albuquerque, NM)
- ROBERT KOHLENBERG (University of Washington - Seattle, WA)
- STEVEN C. HAYES (University of Nevada - Reno, NV)



#### **# 44 Behavior Analysis in Year 2000**

Symposium  
3:00 PM - 4:50 PM  
Nob Hill A  
TPC

Chair: James F. McGimsey (Au Clair Programs - Mount Dora, FL)

Discussant: Judy Favell (Au Clair Programs - Mount Dora, FL)

- Behavior Analysis in the Correctional Setting: The Remaining Frontier. SHERMAN YEN (Applied Research and Management -Towson, MD)
- Family Interventions: Toward the Millennium. JOHN R. LUTZKER (University of Judaism - Los Angeles, CA)
- The Older Worker: A Boon for Industry and Behavior Analysis. JANET ELLIS (University of North Texas - Denton, TX)
- Behavior Analysis and Managed Care. GERALD L. SHOOK (Au Clair Programs - Tallahassee, FL)
- Management of Human Resources in Corporate Enviornents. JON S. BAILEY (Florida State University - Tallahassee, FL)



#### **# 45**

Panel

Discussion

3:00 PM - 4:50 PM  
Nob Hill C & D  
PRM

#### **Getting Data from Clients: What You've Tried that Worked**

Chair: Stephen Graf (Youngstown State University - Poland, OH)

Panelists:

- HENRY PENNYPACKER (University of Florida - Gainesville, FL)
- OGDEN LINDSLEY (University of Kanadas - Lawrence, KS)
- CARL BINDER (Precision Teaching and Management Systems - Nonantum, MA)
- JAMES POLLARD (Huntington Disease Program at Mediplex Lowell - Lowell, MA)
- CLAY STARLIN (Western Regional Resource Center - Eugene, OR)



#### **# 46**

Symposium

3:00 PM - 4:50 PM  
Pacific (Suite A)  
CBM

#### **A Functional Approach to Intimacy and Distancing Processes in Couples and Applications to Couples Research and Intervention**

Chairs: Laura Arkowitz, Alan E. Fruzzetti (University of Nevada - Reno, NV)

Discussant: Elizabeth V. Gifford (University of Nevada - Reno, NV)



**# 47**

**Symposium**

**3:00 PM - 4:50 PM**

**Pacific (Suite B)**

**DEV**

- Toward Functional Observational Coding in Couples Research. STEVEN R. THORP, Jill M. Serafin, Alan E. Fruzzetti (University of Nevada - Reno, NV)
- A Functional Approach to Observing Intimacy and Distancing Processes: Empirical Support. ALAN E. FRUZZETTI (University of Nevada - Reno, NV)
- A Functional Approach to Couples Therapy: Theory and Application. LAURA ARKOWITZ, Alan E. Fruzzetti (University of Nevada - Reno, NV)
- The Use of Direct Video Feedback about Interaction Patterns to Augment Behavioral Couples Therapy. NEGAR N. SAEDI, Alan E. Fruzzetti, Diane N. Swingen (University of Nevada - Reno, NV)

**Longitudinal Studies Exploring Contextual Influences on Children's Behavioral Development in Urban Settings**

Chair: Judith J. Carta (University of Kansas - Kansas City, KS)

Discussant: Howard Goldstein (University of Pittsburgh - Pittsburgh, PA)

- A Longitudinal Study of Caregiver-Child Interaction and Developmental Outcomes of Infants and Children Prenatally Exposed to Illicit Drugs and Alcohol. JUDITH J. CARTA, JANE B. ATWATER (University of Kansas - Kansas City, KS)
- Does Early Experience Impact a Lifetime? A Combined Longitudinal Analysis of Children's Early Language-Learning Experiences and their Later Schooling Experiences. DALE WALKER, BETTY HART (University of Kansas - Kansas City, KS)
- Prevention and Longitudinal Research in Applied Behavior Analysis: Effects of Class-Wide Peer Tutoring. CHARLES R. GREENWOOD, Joseph C. Delquadri (University of Kansas - Kansas City, KS)
- Prevention of Behavior Disorders for Young Children: A Three-Year Study of Social and Behavioral Interventions. DEBRA M. KAMPS (University of Kansas - Kansas City, KS)

**# 48**

**Symposium**

**3:00 PM - 4:50 PM**

**Pacific (Suite H)**

**DDA**

**Mixing and Marketing in Person-Centered Contexts**

Chair: Gregory Wagner (California Department of Developmental Services - Sacramento, CA)

Discussant: Paul Touchette (University of California - Irvine, CA)

- Contextual and Environmental Supports in Behavior Analysis and Person-Centered Planning. MARKLEY SUTTON (Sonoma Developmental Center - Eldridge, CA)
- Futures Planning Implementation. T. J. GLAHN (Behavior Resource Center - Summerland, CA)
- Practicing Behavior Analysis in a Futures Planning World. BOB STILLWELL, Chris Nakamoto, Rita Romney, Sherise Furey (Stockton Developmental Center and University of the Pacific - Stockton, CA)
- Program Analysis vs. Individualized Goal Setting and Criteria: Measurement Methodology and Systems Integration. RAY ROMANCZYK (State University of New York at Binghamton - Binghamton, NY)

#### **# 49 Resistance to Change**

Paper Session  
3:00 PM - 5:00 PM  
Pacific (Suite I)  
EAB

Chair: Claudia McDade (Jacksonville State University - Jacksonville, AL)

- Resistance to Change as a Function of Stimulus-Reinforcer and Location-Reinforcer Contingencies. ANTHONY P. McLEAN (University of Canterbury), Philippa Campbell-Tie (Christchurch Hospital), John A. Nevin (University of New Hampshire)
- Pavlovian Contingencies and Resistance to Change. MATTHEW C. BELL (University of California, San Diego- La Jolla, CA)
- Resistance to Change in Relation to Training and Testing Contexts. RANDOLPH C. GRACE, JOHN A. NEVIN (University of New Hampshire - Durham, NH)
- Differences in the Effect of Pavlovian Contingencies upon Behavioral Momentum Using Auditory vs. Visual Stimuli. BENJAMIN C. MAURO, F. Charles Mace (University of Pennsylvania - Philadelphia, PA)

#### **# 51 Education**

Poster Session  
International  
5:00 PM - 6:30 PM  
Golden Gate Hall  
EDC

1. Effects of an Afrocentric Curriculum on Attitudes toward Reading and the Comprehension Ability of African-American Second Graders. MARIETTA THOMAS (University of Michigan - Dearborn, MI)
2. Using Peer Teaching to Increase Instructional and Motivational Behavior with Elite College Athletes. TOM SHARPE (University of Nebraska-Lincoln - Lincoln, NE), Micah Parker (Concordia College-Seward - Seward, NE)

3. Description and Effects of a "Deliberate Behavioral Practice" Protocol in Undergraduate Teacher Education. TOM SHARPE, Vi Bahls, Monica Lounsbery (University of Nebraska-Lincoln - Lincoln, NE), ANDREW HAWKINS (West Virginia University - Morgantown, WV)
4. Comparison of Prototype and Rote Instruction of English Verbal Responses to Chinese Visual Characters. DORIS DUAN (Community Environments Inc. - Orlando, FL), Anthony J. Cuvo (Southern Illinois University at Carbondale - Carbondale, IL)
5. Essential Features of an Early Childhood Special Education to Public School Transition Program. VALERIE ALEXANDER, Tim Lewis (University of Oregon - Eugene, OR)
6. The Effects of Fluency Level on Retention. ANGELICA C. GRINDLE, Alyce M. Dickinson (Western Michigan University - Kalamazoo, MI)
7. Teaching Functional Mathematics in School and Community Settings to Students with Autism or Mental Retardation. PAMELA S. WETCH (Devereux Florida Treatment Network), Anthony J. Cuvo (Southern Illinois University - Carbondale, IL)
8. An Assessment of the Effectiveness of a Substance Abuse Education Program for Fourth-Grade Children. BARBARA M. TODD-NELSON, Kevin J. Armstrong (Western Michigan University - Kalamazoo, MI)
9. An Experimental Analysis of the Effects of Curriculum Content Validity and Instructional Match on Passage Reading. EDWARD J. DALY III (University of Cincinnati, Cincinnati, OH), Brian K. Martens (Syracuse University - Syracuse, NY)
10. Scripted Sequences of Teachers' Interaction: An Assessment-Based Procedure for Improving Behavior in a Nursery School Setting. BRIAN K. MARTENS, Andrea S. Hiralall (Syracuse University - Syracuse, NY)
11. Closing the Gap in Learning of Children From Varying SES Groups. LEAH K. BARRON (New York University)
12. Use of Direct Instruction Math with Primary Grade Students: A Between-Groups Analysis. RANDY L. WILLIAMS, Melva Pryor, Diana Jess, T. F. McLaughlin (Gonzaga University - Spokane, WA)

13. Reciprocal Peer Tutoring: Effects for Vocabulary Acquisition in Middle School Students. RETTA MALONE, T. F. McLaughlin (Gonzaga University - Spokane, WA)
14. Transfer of Decoding Skills to a Literature Basal. VICKI E. SNIDER (University of Wisconsin - Eau Claire, WI)
15. Improving the Writing Proficiency of a Bilingual Gifted Child. HUI PING LIU (West Virginia University - Morgantown, WV)
16. Immediate Retelling by Students with Developmental Disabilities and its Effect on Their Delayed Retelling of Current Events From Channel One. SHEILA K. RITSEMA, Paul R. Malanga, Randy L. Seevers, John O. Cooper (Ohio State University - Columbus, OH)
17. The Functional Relations Between Verbal Behavior Repertoire and The Emergence of Stimulus Equivalence Relations. SO-YOUNG YOON (Fred S. Keller School Teachers College Columbia University - New York, NY)
18. Pair Tutoring: Early Field-Based Experiences to Prepare Preservice General Educators to Work with Students with Special Needs. LARRY MAHEADY, Gregory F. Harper, Barbara Mallette (State University of New York/College at Fredonia - Fredonia, NY)
19. Enhancing Academic Achievement of At-Risk College Students. DAVID M. SAYRS, Thomas Higby, Christopher Empey, Sidney W. Bijou, Steven C. Hayes, Linda J. Hayes (University of Nevada - Reno, NV)
20. Using Computerized Study Guides to Increase General Psychology Exam Performance: An Experimental Analysis. STEPHEN R. FLORA, Richard E. Logan (Youngstown State University - Youngstown, OH)
21. The Effect of a Seven-Week Workshop on GRE Performance. JANE KESTNER (Youngstown State University - Youngstown, OH)
22. The Effect of Response Card Use on Exam Performance in Child Development Classes. JANE KESTNER (Youngstown State University - Youngstown, OH)
23. Effects of an Auditory Prompt System on Independent Child Engagement by Preschoolers with Developmental Disabilities and Typically Developing Peers. TAMARA C. TIMKO, Diane M. Sainato, Kristyn Sheldon (Ohio State University)

24. Some Benefits to the Proctor in a PSI Course in Introductory Psychology. ERIC J. FOX, Patrick W. McCloskey, Patrick M. Ghezzi (University of Nevada - Reno, NV)
25. Using Response Cards to Decrease Disruptive Behavior in an Elementary Classroom. FERNANDO R. ARMENDARIZ (University of Arizona - Tucson, AZ)
26. Effects of Peer Tutoring on the Percussion Instrument Performance of a Student with Moderate Developmental Disabilities. ANN A. PILEWSKIE (Columbus City Schools - Columbus, OH), Timothy E. Heron (Ohio State University - Columbus, OH)
27. Individualized Mathematics Curricular Modifications to Improve the Behavior of a Student Described as Emotionally Behaviorally Disordered. JILL J. WHITMAN (Children's Seashore House - Philadelphia, PA), Lee Kern (University of Pennsylvania - Philadelphia, PA), Jennifer McComas (Children's Seashore House - Philadelphia, PA)
28. Positive Peer Reporting: A Direct Replication. KEVIN M. JONES, Mary M. Young (Father Flanagan's Boys' Home - Omaha, NE)
29. Increasing Treatment Integrity within Behavioral Consultation using a Performance Feedback Package. KEVIN M. JONES (Father Flanagan's Boys' Home - Omaha, NE), Katherine F. Wickstrom (Papillion-La Vista Public Schools - Omaha, NE)
30. The Effects of Behavioral Momentum on Task Initiation, Math Performance, and Disruptive Behaviors of Residential Students. JAMES VINCENT, Wayne Piersel (University of Nebraska-Lincoln - Lincoln, NE)
31. Blending Functional Communication Training and Choice Making as a Long-term Treatment for Severe Noncompliance. CYNDI YEAGER, Stephanie Peck, Amy Jo Royster (Gonzaga University - Spokane, WA)
32. Analysis of Varied Frequencies of Active Student Response on the Acquisition, Generalization, and Maintenance of Science Vocabulary by Elementary Students with Learning Disabilities. CARMEN CECILIA BELTRAN, William L. Heward, Paul R. Malanga (Ohio State University - Columbus, OH)
33. How to Improve Arithmetic Problem Solving. SAYAKA ENDO, Naoko Sugiyama, Masaya Sato (Keio University - Tokyo, Japan)

34. Extending the Use of Response Cards Across Student Populations: Successful Demonstrations with Special Needs Preschool Children and Elementary Students with Severe and Multiple Disabilities. FRANCINE BERG (Coshocton Public Schools - Columbus, OH), Kelly A. Heckaman (Northwestern State University - Columbus, OH), Kristin K. Inwood, Sheila R. Alber, Paul R. Malanga, William L. Heward (Ohio State University - Columbus, OH)
35. Play Based Assessment Observed Behavior as Predictor of Battelle Developmental Inventory and Social Skills Rating Scores. TAMI KAZUBA, Valeri Farmer-Dougan (Illinois State University - Normal, IL)
36. Peer-Mediated Social Skills Development in the Head Start Classroom: A Naturalistic Approach. VALERI FARMER-DOUGAN (Illinois State University - Normal, IL)

#### **# 52 Experimental Analysis of Behavior**

Poster Session  
International  
5:00 PM - 6:30 PM  
Golden Gate Hall  
EAB

37. Arranging Novel Environments using Non-Linear Feedback Equations. PAUL L. SOTO, Jack J. McDowell (Emory University - Atlanta, GA)
38. Observing Responses in Rats: Effects of Different Contingencies of Reinforcement. GERSON YUKIO TOMANARI, Ligia Maria de Castro Marcondes Machado (University of Sao Paulo - Sao Paulo, Brazil)
39. Self-Initiated Meal Schedules and Activity Anorexia in the Rat. DYLAN F. LAMPMAN, W. Frank Epling, W. David Pierce, C. Donald Heth (University of Alberta - Alberta, Canada)
40. Looking for History Effects: An Analysis of Different Procedures. SERGIO CIRINO, Ligia Maria de Castro Marcondes Machado (University of Sao Paulo - Sao Paulo, Brazil)
41. Effects of S-S Associations on Learned Helplessness: A Parametric Study in Female and Male Rats. KATIA DAMIANI, Maria Helena Leite Hunziker (University of Sao Paulo - Sao Paulo, Brazil)
42. Excessive Running in Activity-Based Anorexia is Produced by Dietary Protein Restriction. W. M. BENEKE, K. J. Parris, J. F. Vander Tuig (Lincoln University of Missouri - Jefferson City, MO)



43. The Long-Term Habituation and Spontaneous Recovery of Sexual Arousal in Human Males: A Cross-Over Design. JOSEPH J. PLAUD, Susan Amato-Henderson (University of North Dakota - Grand Forks, ND), Mary K. Devitt (Oklahoma State University), George A. Gaither (University of North Dakota - Grand Fork, ND)
44. Mental Rotation Reconceptualized as Stimulus Generalization. DONNA J. REIT, Brady J. Phelps, Barbara A. Goddard (South Dakota State University - Brookings, SD)
45. Behavioral Contrast with Changes in Amount and Rate of Reinforcement. JEFFREY N. WEATHERLY (Washington State University - Pullman, WA), Cam L. Melville (McNeese State University - Lake Charles, LA), Samantha Swindell (Washington State University - Pullman, WA)
46. Within-Session Patterns of Responding with Changes in the Probability of Reinforcement. JEFFREY N. WEATHERLY, Frances K. McSweeney, Samantha Swindell (Washington State University - Pullman, WA)
47. Effect of Task Effort and Reinforcement Schedule on Concurrent Choice Behavior by Preschool Children. Anthony J. Cuvo, DEBORAH A. LEURQUIN, Laura J. Lech (Southern Illinois University at Carbondale - Carbondale, IL)
48. Resurgence of Previously Trained and Emergence of Novel Response Patterns in Equivalence Testing. RUTH ANNE REHFELDT, Linda J. Hayes (University of Nevada - Reno, NV)
49. Transfer of Temporal Control Via Equivalence Relations. RUTH ANNE REHFELDT, Linda J. Hayes (University of Nevada - Reno, NV)
50. Resurgence and the Revealed Operant. MARK A. ADAMS, Otto H. Maclin, Linda J. Hayes (University of Nevada - Reno, NV)
51. The Effectiveness of an Animal Analog of the High-P Treatment Upon Fixed-Ratio Versus Variable-Interval Schedule Performance. JOHN HAMPEL, Flavia M. Ploog (Children's Seashore House - Philadelphia, PA), F. Charles Mace, Benjamin C. Mauro (University of Pennsylvania - Philadelphia, PA)

52. Minimum-Deviation Models of Responding on Interval and Ratio Schedules. JENNIFER BREDTHAUER, James D. Dougan (Illinois Wesleyan University -Bloomington, IL)
53. A Matching Law Account of Deviant Training Within Adolescent Boys' Friendships: A Brief Report. THOMAS J. DISHION, Kathleen M. Spracklen (University of Oregon - Eugene, OR)
54. Conditioned Non-Reward Induced Time-Out Response and Aversive Emotional Response: Effect of Response Cost. SANGWEON AUM, James T. Todd (Eastern Michigan University - Ypsilanti, MI)
55. A Conditional Discrimination Procedure for Separating Implicit and Explicit Memory Functions in Rats. LYNDA PAULSON LABOUNTY (Macalester College - St. Paul, MN)
56. Stimulus Equivalence: Performance on Emergent Relations Testing with "None of the Above" as a Response Option. ANDY INNIS, Scott D. Lane, Thomas S. Critchfield (Auburn University - Auburn, AL)
57. Melioration Without Equilibria: An Analysis of Unequal Local Reinforcement Rates. MICHAEL B. EHLERT, John E. Landers (Brigham Young University - Provo, UT)
58. Human Sensitivity to Reinforcement and Bias with Television Viewing as Reinforcement. JOHN E. LANDERS, Michael B. Ehlert (Brigham Young University - Provo, UT)
59. Effects of Intertrial Interval, Reinforcement Density, and Interreinforcement Interval on Pacemaker Rate. JOSEY Y. M. CHU, Lewis A. Bizo, Peter R. Killeen (Arizona State University - Tempe, AZ)
60. Transfer From Identity to Arbitrary Matching to Sample in Children with Autism. LUIS A. PEREZ-GONZALEZ (University of Oviedo - Oviedo, Spain), Gladys Williams (Applied Behavioral Consultant Services - New York, NY)
61. Blocking Effectiveness as a Function of Temporal Parameters During Pretraining. MARGARET A. MCDEVITT, Edmund Fantino (University of California - San Diego, CA)

62. Reinforcement Rate Rather than Amount Determines Within-Session Response Pattern. BODDIE KAMRANI, Cam L. Melville (McNeese State University - Lake Charles, LA), Jeffrey N. Weatherly (Washington State University - Pullman, WA)
63. Avoidance of Timeout From Positive Reinforcement: Conjoint Avoidance Fixed-Interval Schedules. JOSUE KEELY, Kennon A. Lattal (West Virginia University - Morgantown, WV)
64. A Test for Stimulus Specificity in the Within-Session Pattern of Responding. LORAIN R. RYBISKI, Cam L. Melville (McNeese State University - Lake Charles, LA)
65. Sensitivity to Reinforcement as a Function of Retention Interval. DEIRDRA DOUGHERTY, Meredith Cochran, John T. Wixted (University of California - San Diego, CA)
66. Further Analysis of the Relationship Between Client Mands and the Function of Aberrant Behavior. KIM CROSLAND, Rachel Thompson, Wayne W. Fisher (The Kennedy Krieger Institute and The Johns Hopkins University School of Medicine - Baltimore, MD)
67. Can You Forget Equivalence Relations? PAUL BOONE, Jesus Rosales-Ruiz (University of North Texas - Denton, TX)
68. The Effects of Response Fluency on Discrimination Learning. JESUS ROSALES-RUIZ (University of North Texas - Denton, TX), Patricia A. Fitzsimons (Auburn University - Auburn, AL)
69. Knowledge-of-Correct-Response vs Copying-of-Correct-Response: A Study of Discrimination Learning. DAVID GELLER, Jesus Rosales-Ruiz (University of North Texas - Denton, TX)
70. Wayfinding in a University Bookstore as a Function of Type of Sign Usage. ERICK ELBERT, John Cope, Marsha Ironsmith, John Lutz (East Carolina University - Greenville, NC)
71. The Effects of Different Numbers of Continuously Reinforced Repetitions on Variability and Resurgence in Extinction. PATRICIA A. FITZSIMONS (Auburn University - Auburn, AL), Cloyd Hyten (University of North Texas - Denton, TX)

72. Preexposure to Conditioned Stimulus: Role of Temporal Coding. RENE QUINONES (Catholic University - Santa Fe de Bogota, Colombia), Arturo Clavijo (Konrad Lorenz Foundation - Santa Fe de Bogota, Colombia)
73. Effects of Post-Reinforcement Blackout on Progressive Ratio Performance. JILL LEWIS, Mark Reilly, Kennon A. Lattal (West Virginia University - Morgantown, WV)
74. Resurgence and Rule-Following. MARK DIXON, Linda Hayes (University of Nevada - Reno, NV)

### **# 53 Developmental Disabilities; Autism**

Poster Session  
International  
5:00 PM - 6:30 PM  
Golden Gate Hall  
DDA

75. The Noncontingent Implementation of Nonrestrictive Gloves in the Treatment of Severe Self-Injury. PATRICK F. HEICK (United Cerebral Palsy - Utica, NY)
76. The Use of a DRO Schedule of Reinforcement and Time Out in the Treatment of Severe Aggression. PATRICK F. HEICK (United Cerebral Palsy - Utica, NY)
77. Effects of Verbal and Graphic Performance Feedback and Praise on Residential Staff Behavior. VINCENT PANDOLFI, Caroline Magyar, Richard M. O'Brien (Hofstra University - Bohemia, NY)
78. On the Relationship Between Sleep and Self-Injurious Behavior. DAVID KUHN, Cathleen C. Piazza, Rachel Thompson, Wayne W. Fisher, Greg Hanley, Stephanie Contrucci (The Kennedy Krieger Institute and The Johns Hopkins University School of Medicine - Baltimore, MD)
79. Behavioral Analysis and Therapy in the Schools: Teaching Comprehension Monitoring to Students Having Difficulties with Reading Comprehension. MARIA F. LOPEZ (University of California at Riverside - Riverside, CA)
80. Use of a Star Card Program to Reduce Disruptive Behavior for an Adult with Developmental Delays. MILES WINNETTE, Michael Walsh (Denton State School - Denton, TX)
81. Reducing Aggressive Behavior by Modifying Staff Values. ANNE NACHTWEY, Robin Draper (Sierra Regional Center - Sparks, NV)
82. Question Asking and Generalization in Children with Autism: A Replication. GLADYS WILLIAMS, Jennie W. Keller (Applied Behavioral Consultant Services - New York, NY), Corrine R. Donley (University of Wisconsin - Oshkosh, WI)

83. The Assessment and Treatment of Multiply Controlled Behavior. STACY M. HILL (Children's Seashore House - Philadelphia, PA), Joseph S. Lalli (University of Pennsylvania - Philadelphia, PA)
84. Decreasing Self-Injurious Behavior in a Nonverbal Individual by Teaching Alternative Responses via Choice Boards. GREGORY R. PRICE (Datahr Rehabilitation Institute - Brookfield CT)
85. Effects of Enhanced Reinforcement vs. Task Completion Expectations for an ICF Resident with Bed Rising Issues. DAVID V. TRANQUILLI, Constance Dena Saxe (Datahr Rehabilitation Institute - Brookfield, CT)
86. Teaching a Child with Autism to Independently Initiate Use of Self-Management Procedures in Multiple Settings. CHRISTINA ELLIOT (Children's Seashore House), Lee Kern (University of Pennsylvania - Philadelphia, PA), Tammy Marder, Amy Boyajian (Children's Seashore House - Philadelphia, PA)
87. Analyzing SLA Contracts to Examine Quality in Service Provisions. JACQUELINE E. COLLINS, Linda J. Hayes (University of Nevada - Reno, NV), Belinda Thomas (Sierra Regional Center - Sparks, NV)
89. Treatment Acceptability and "Faking Good": Are Staff Telling Us What They Think We Want to Hear? FREDERICK D. KEMP (Western Carolina Center - Morgantown, NC), Raymond G. Miltenberger, Vicki A. Lumley (North Dakota State University - Fargo, ND)
90. Teaching Students with Autism to State Decimals: The Effects of a Stimulus Shaping Procedure. JOYCE L. MACDUFF, Michael T. Macduff, Lynn E. McClannahan, Patricia J. Krantz, Gregory S. MacDuff (Princeton Child Development Institute - Princeton, NJ)
91. Prognostic Factors for Children with Autism. YIFAT SHOSHAN, Lynn Kern Koegel, Robert L. Koegel (University of California at Santa Barbara - Santa Barbara, CA)
92. Use of Functional Communication Training to Shape Appropriate Toy Play of a Child with Severe Disabilities. TRACY STEPHENS, Jennifer M. Asmus, David P. Wacker, Marc Andelman (University of Iowa - Iowa City, IA)

93. A Comparison of the Effects of Gentle Teaching and Individual Educational Programming for Adults with Complex Developmental Disabilities and Challenging Behavior. CHRIS CULLEN (Keele University/North Staffordshire Combined Healthcare Trust - Stoke-on-Trent, Scotland), Rachel Mappin (University of Glasgow - Glasgow, Scotland)
94. Stimulus Equivalence in Children with Developmental Disabilities. JUN' ICHI YAMAMOTO (Meisei University - Tokyo, Japan)
95. An Eight-Year Follow-up of Individuals with Pica. SHARON KIRKPATRICK-SANCHEZ, Don E. William, Jacqueline Dunn, Debbie Borden, Pat Newell, Kirk Lockwood (Richmond State School - Richmond, TX), Christie Enzinna (Behavior Treatment and Training Center - Richmond, TX)
96. An Analysis of the Effect of Prompting in Acquisition in an Errorless Learning Program for a Child with Autism. DEIRDRE LEE GONZALES (University of Nevada - Reno, NV)
97. Further Evaluation of a Brief Stimulus Preference Assessment. HENRY S. ROANE, Timothy R. Vollmer, Joel E. Ringdahl, Bethany Marcus (Louisiana State University - Baton Rouge, LA)
98. Treatment for Children with Developmental Disabilities Participating in Full Inclusion Classroom Settings. JOSHUA K. HARROWER, Lynn Kern Koegel, Robert L. Koegel (University of California at Santa Barbara - Santa Barbara, CA)
99. Formal vs. Informal Behavioral Interventions: Staff-Client Interactions and Client Behavior in Individuals with Developmental Disabilities Living in the Community. ROSEMARY A. CONDILLAC (York Behavior Management Service and University of Toronto - Ontario, Canada), Maurice A. Feldman (Queen's University and Ongwanada Hospital - Ontario, Canada), Leslie Atkinson (Clark Institute of Psychiatry - Ontario, Canada)

100. The Establishment of a LOVAAS Replication Program Within a Large Human Service Organization. CARRYL P. NAVALTA (The May Institute - Arlington, MA), Arthur R. Campbell (The May Institute - South Harwich, MA), Marie Taras, Paul Woods (The May Institute - Arlington, MA), Martin H. Teicher (McLean Hospital/Harvard Medical School - Belmont, MA)
101. Stimulus Exclusion and the Acquisition of Language in Young Children with Autism. KRISTI L. RYDEEN, Matthew Paul Melenas, Patrick M. Ghezzi (University of Nevada - Reno, NV)
102. Identifying and Analyzing Referential Interactions in Young Children with Autism. KRISTI L. RYDEEN, Kristy M. Keely, Ted A. Mitchell, Patrick M. Ghezzi (University of Nevada - Reno, NV)
103. Earlier is Better: Results of a Toddler Intervention Program for Children with Autism. EDWARD BOVEY, Teresa Daly, Michael J. Morrier, Gail G. McGee (Emory University School of Medicine - Atlanta, GA)
104. The Effects of Curriculum Implementation During Group Storytime in an Inclusive Preschool Program for Children with Autism. CATHERINE E. RICE, Carolyn R. Parsons, Julia C. Whitney, Sharon T. Hynes, Christopher A. Zelski (Emory University School of Medicine - Atlanta, GA)
105. The Effects of Fixed Ratio (FR) vs. Concurrent FR-Variable Time (VT) Reinforcement Schedules on the Efficacy of the High-P Treatment. FLAVIA M. PLOOG, John Hampel (Children's Seashore House)
106. Analysis and Remediation of Self-Injury in a Multiply Handicapped Person. DAVID A. COLEMAN, Jr. (Center for Children's Services - Danville, IL), Lisa Ammiratti, Richard Anemone (Nassau County AHRC - Brookville, NY)
107. The Effect of Parent Training on Parent Participation in an Intensive Behavioral Treatment Program for Young Children with Autism. CYNTHIA A. REINBOLD, Jody Sylva, Kristi L. Rydeen, Kristine M. Keely, Aimee Polley, Patrick M. Ghezzi (University of Nevada - Reno, NV)

108. Play Interventions in Home-Based Programming: Teaching Parents to Teach Their Children with Autism to Play. JAMES T. ELLIS, Barbara Cannon (The May Center for Early Childhood Education), Karin Lifter (Northeastern University), Bridget McCaffrey, Deborah Booth, Stephanie Woodward, Beth Walsh, Stephanie Czerkowski (The May Center for Early Childhood Education)
109. Successful Supported Employment: A Model Program at University of Nevada. SCOTT W. HARRINGTON, Patrick W. McCloskey, Cristin Harrison, W. Larry Williams (University of Nevada - Reno, NV)
110. Questions About Behavioral Function (QABF): An Instrument to Assess Functional Properties of Problem Behaviors. JOHNNY MATSON, Timothy R. Vollmer, Theodosia Paclawskyj, Brandi Smiroldo, Heather Applegate, Sydney Stallings (Louisiana State University - Baton Rouge, LA)
111. The Switch-O-Theque: A Habilitative Resource Center Providing Behavioral and Technical Services to People with Profound Multiple Disabilities. SVEIN LILLESTOLEN, ESPEN URSIN (Asen Koksenopplaeringssenter - Oslo, Norway), KNUT SLATTA (Ragna Ringdals Dagsenter - Oslo, Norway)
112. Hearing Screens Following Brain Injury: Discrimination Training Improves Performance. MICHAEL W. SCHLUND (Kennedy Krieger Institute - Baltimore, MD)
113. The Role of Positive Reinforcement During the Functional Assessment of Negative Reinforcement. MIRIAM MEYER, Peter Quintieri (Bancroft, Inc. - Haddonfield, NJ)
114. Pivotal Intervention for Children with Autism: Accessing and Teaching with Motivational Variables. CRAIG S. PARLATO, Kevin J. Brothers (University of Kansas and Lawrence Public Schools - Lawrence, KS), Carol Tilton (Lawrence Public Schools - Lawrence, KS)

#### **# 54 Behavioral Pharmacology**

- Poster Session  
International  
5:00 PM - 6:30 PM  
Golden Gate Hall  
TOX
115. Assessing the Stimulus Effects of Diphenhydramine Using Discriminated Taste Conditioning. SHERRY L. SERDIKOFF, Natasha C. Ernst (Bryn Mawr College - Bryn Mawr, PA)



116. Assessing Acquisition of Cocaine Self-Administration in Rhesus Monkeys. SHERRY L. SERDIKOFF (Bryn Mawr College - Bryn Mawr, PA), Christine A. Sannerud (Drug Enforcement Administration - Arlington, VA)
117. Effects of Scopolamine and an Angiotensin IV Analog on Acquisition in a Water Maze Task. ERIC S. PEDERSON, Leighann Stublely-Weatherly, Kniko A. Kramar, Korrie Foley, Ryan E. Neilson, Zachary R. Morgan, Joseph W. Harding, John W. Wright (Washington State University - Pullman, WA)
118. Nicotine Deprivation Increases the Reinforcing Efficacy of Cigarettes. SUZANNE H. MITCHELL, Harriet de Wit, James P. Zacny (University of Chicago - Chicago, IL)
119. Resperidol In the Treatment of Severe Aggression: A Case Study. NOLLAIG CARBERRY, Caroline Eggerdine (Bancroft Inc. - Haddonfield, NJ)
120. Oral Caffeine Effects on Fixed Ratio Behavior in the Rat. DEBRA SPEAR (South Dakota University - Brookings, SD)
121. Effects of Drugs on Social and General Activity in the Rat: Caffeine and Fluoxetine. HETH R. TURNQUIST, Lori VanBockern, Debra Spear (South Dakota University - Brookings, SD)
122. The Reduction of Aggression through the Use of Medication. PRISCILLA BLEW, Susan Thibadeau, Jacqueline Keane, Paul Reedy (The May Center for Child Development - Chatham, MA)
123. The Reduction of Self-Injury through the Use of Medication (1). PRISCILLA BLEW, Susan Thibadeau, Jacqueline Keane, Paul Reedy (The May Center for Child Development - Chatham, MA)
124. The Reduction of Self-Injury through the Use of Medication (2). PRISCILLA BLEW, Susan Thibadeau, Jacqueline Keane, Paul Reedy (The May Center for Child Development - Chatham, MA)
125. Effects of Selective Dopamine Antagonists on Cocaine Discrimination in Male and Female Rats. KAREN G. ANDERSON, Frans van Haaren (University of Florida - Gainesville, FL)

126. Daily Administration of a Fixed Dose or Variable Doses of Cocaine Both Produce Tolerance. MARGARET J. WILHELM, Marc N. Branch (University of Florida - Gainesville, FL)
127. The Discriminative Stimulus Effects of Dopamine D-3 Receptor Stimulation. KEN ALLING, Jonathan L. Katz (National Institute on Drug Abuse - Baltimore, MD)
128. Effects of d-Amphetamine on Response Acquisition with Delayed Reinforcement. MARK LESAGE, Alan Poling, Tom Byrne (Western Michigan University - Kalamazoo, MI)
129. The Combined Effects of Marijuana and Alcohol on Aggression. DONALD M. DOUGHERTY, Robert H. Bennett, Don R. Cherek (University of Texas at Houston - Houston, TX)
130. The Effects of Different Concentrations of Angiotensin II Infusions on Drinking in the Rat when Two Fluids are Concurrently Available. LEIGHANN STUBLEY-WEATHERLY, Jeffrey N. Weatherly, John W. Wright (Washington State University - Pullman, WA)
131. Effects of Anticholinesterase Drugs on Fixed-Interval Performance after Lead Intoxication. TUGA ANGERAMI (UNESP - Bauru, Brazil), Lincoln S. Gimenes (University of Brazilia - Brazilia, Brazil)
132. Behavioral Economic Analysis of Polydrug Abuse and Entry into Treatment. NANCY PETRY, Warren Bickel (University of Vermont)
133. PET Neuroactivation Analysis of the Neuroanatomy of Reinforcement in Cocaine Addicts. J. B. SCHWEITZER (Emory University - Atlanta, GA), D. T. Cerutti (North Carolina University - Davidson, NC), C. Quinn, K. Drexler, T. Faber, J. M. Hoffman, R. Gross, C. D. Kilts (Emory University - Atlanta, GA)
134. VIP Antagonist During Embryonic Development Enhanced DRL Performance in Mice. RICHARD D. WEISSMAN (The American University - Washington DC), Illana Gozes (Tel Aviv University - Tel Aviv, Israel), Joanna M. Hill (National Institute of Health - Bethesda, MD), Snjezana Lelas (Oxford University - Oxford, England), John Glowa, Douglas E. Brenneman (National Institute of Health - Bethesda, MD)

135. Aggression and Drug Dependence. TERRY J. ALLEN, F. Gerard Moeller, Howard M. Rhoades, Donald M. Dougherty, Don R. Cherek (University of Texas - Houston, TX)
136. Availability of Alcohol, Drugs, Firearms, and Perceptions of Safety and Crime in Differing Neighborhoods in an Urban City of the Pacific Northwest. EDWARD F. VACHA, T. F. McLaughlin (Gonzaga University - Spokane, WA)

#### **# 55 Clinical, Family, Behavioral Medicine**

Poster Session  
International  
5:00 PM - 6:30 PM  
Golden Gate Hall  
CBM

137. A Component Analysis of Physical Guidance as a Consequence for Food Refusal. WENDY SWEARINGIN, Deana Burd, Colleen Taylor, Kelly Hilker, Kimberly Nichols, W. H. Ahearn (Children's Seashore House - Philadelphia, PA)
138. Stimulus Control of Clinician Instructions on Parent Behavior Via a Component Analysis of Treatment. JANET M. DREW, David P. Wacker, Traci Stevens, Jessica Huisman, Beth Kocis, Krista Kayser, Marc Andelman (University of Iowa - Iowa City, Iowa)
139. Examining Habit Behaviors: Prevalence and Antecedent Conditions. DOUGLAS W. WOODS (Western Michigan University - Kalamazoo, MI), Raymond G. Miltenberger (North Dakota State University - Fargo, ND)
140. Clinical Use of Self-Report Data in Acceptance and Commitment Therapy with Substance Abusers. ROBYN D. WALSER, JENNIFER A. GREGG, Kelly G. Wilson, Steven C. Hayes (University of Nevada - Reno, NV)
141. Do Children Treated with Enuresis Alarms Learn to Wake Up or do They Learn to Sleep Through the Night? WILLIAM J. WARZAK, Gretchen Gimpel, Joan Mayfield, Brett R. Kuhn, Sherri Zucker (University of Nebraska Medical Center - Omaha, NE)
142. Designing and Evaluating a Pyramidal Training Network for Pediatric Home Care Providers. JOHN M. PARRISH (Children's Seashore House & University of Pennsylvania School of Medicine - Philadelphia, PA), Joan M. Dougherty (Children's Seashore House - Philadelphia, PA), Martha M. Parra, Zoe A. Kinney (Commonwealth of Pennsylvania - Philadelphia, PA), Georgette Kandrak & Linda Hock-Long (Children's Seashore House - Philadelphia, PA)

143. Validating a Refresher Curriculum for Parents of Children with Special Health Care Needs. JOHN M. PARRISH (Children's Seashore House & University of Pennsylvania School of Medicine - Philadelphia, PA), Georgette Kandrak & Joan M. Dougherty (Children's Seashore House - Philadelphia, PA), Martha M. Parra, Zoe A. Kinney (Commonwealth of Pennsylvania - Philadelphia, PA), Linda Hock-Long (Children's Seashore House - Philadelphia, PA)
144. Stimulus Equivalence Methods for Memory Problems Following Traumatic Brain Injury. JOHN R. DAVIS, Jennifer Tatone, Kristen Tonon, John W. Schneider, John F. Sullivan, Ali Uzunoz (McMaster University - Ontario, Canada)
145. The Effects of Videotape Observations on Parents' Presentation of Programmed Instruction. EDNA S. BROWN (Fred S. Keller School)
146. The Boys Town Longitudinal Study: Impact of Long-term Residential Care. DANIEL L. DALY, Ronald W. Thompson, David D. Coughlin (Father Flanagan's Boys' Home)
147. A Program Evaluation of an Inpatient Feeding Unit. KELLY HILKER, Colleen Taylor, Deana Burd, Wendy Swearingin, Kimberly Nichols, W. H. Ahearn (Children's Seashore House - Philadelphia, PA)
148. Analysis of Linguistic Interactions Between Chronic Pain Patient and Their Spouses. STUART W. GOLDER, Patrick M. Ghezzi (University of Nevada - Reno, NV)
149. Altering the Elasticity of a Demand Function for Feeding Behaviors. KIMBERLEY NICHOLS, Colleen Taylor, Deana Burd, MaryLouise E. Kerwin, W. H. Ahearn (Children's Seashore House - Philadelphia, PA)
150. The Use of Choice Making to Evaluate Appropriate Behavior in an Outpatient Clinic. KIMBERLY A. BROWN, David P. Wacker (University of Iowa - Iowa City, IA), Stephanie M. Peck (Gonzaga University - Pullman, WA), Krista H. Kayser, Lisa C. Winborn (University of Iowa - Iowa City, IA)

151. Noncompliance with Inhalation Treatment and Food Refusal in a Child with CF, Autism, and Mental Retardation. RACHEL THOMPSON, Debra Farrell, Louis Hagopian, Cathleen C. Piazza, Patricia F. Kurtz (The Kenney Krieger Institute and The Johns Hopkins University School of Medicine - Baltimore, MD)
152. Treatment of Total Liquid Refusal in a 12-year-old Male with Chronic Gastrointestinal Problems, Autism, and Mental Retardation. DEBRA A. FARRELL, Adrianna Amari, Louis P. Hagopian (The Kenney Krieger Institute and The Johns Hopkins University School of Medicine - Baltimore, MD)
153. Assessing the Acceptability of Punishment Procedures. COLLEEN L. ROGAN, Cathleen C. Piazza, Wayne Fisher, Mary Amelia Krug (The Kenney Krieger Institute and The Johns Hopkins University School of Medicine - Baltimore, MD)
154. Using Chronotherapy to Treat the Sleep Problems of Clients with Mental Retardation. COLLEEN L. ROGAN, Cathleen C. Piazza, Louis P. Hagopian, Arthur E. Wilke, Leesa H. Mann (The Kenney Krieger Institute and The Johns Hopkins University School of Medicine - Baltimore, MD)
155. Outpatient Treatment of Bedtime Crying and Chronic Sleep Disturbance in an Infant with a History of Multiple Hospitalizations with a Faded Bedtime with Response Cost Protocol. LAURIE CAMPBELL, Cathleen Piazza (The Kenney Krieger Institute and The Johns Hopkins University School of Medicine - Baltimore, MD)
156. Assessment of Treatment Outcome in a Community Mental Health Setting. CYNTHIA M. ANDERSON, Kimberly B. Mullen, Robert P. Hawkins (West Virginia University - Morgantown, WV)
157. An Assessment of Behavioral Risk Factors in Hypertension: A Familiar Antecedents vs Non-Familiar Antecedents Comparison in Normotensive Subjects. CARLOS FIGUEROA, Bertha Ramos, Mario Rojas (National University of Mexico - Iztapalapa, Mexico)
158. Behavioral Management of Chronic Illnesses/Disabilities. JOYCE CHRISTENSEN, James Meese (Fitness 2000 - Dublin, CA)

159. Feed the Hungry Bee: Using Positive Peer Reports to Improve the Social Interactions and Acceptance of a Socially Rejected Girl in Residential Placement. PATRICK C. FRIMAN (Boys Town Center Youthcare - Boys town, NE), Ruth Ervin, Peg Miller (Father Flanagan's Boys' Home & Creighton University School of Medicine - Omaha, NE)
160. Food Manipulation: Behavioral Momentum in the Treatment of Chronic Food Refusal. LAURIE M. GORDON, Roberta L. Babbitt (The Kenney Krieger Institute and The Johns Hopkins University School of Medicine - Baltimore, MD), David A. Coe (Miami Children's Hospital - Miami, FL)
161. Utilization Review and Behavior Analysis: What Inquiring Insurers Want to Know. THERESE MCINTYRE (The Kenney Krieger Institute - Baltimore, MD), Roberta Babbitt (The Kenney Krieger Institute and The Johns Hopkins University School of Medicine - Baltimore, MD), Bridget Shore (The Kenney Krieger Institute - Baltimore, MD), Susan Quigg (The Kenney Krieger Institute - Baltimore, MD)
162. Bottoms Up: Increasing Solid Food Consumption by Fading Liquid Consequences (Chaser). JIANHONG WU (The Kenney Krieger Institute - Baltimore, MD), David A. Coe (Miami Children's Hospital - Miami, FL), Roberta L. Babbitt (The Kenney Krieger Institute - Baltimore, MD)
163. A Behavioral Package to Promote Adherence in a Long-term Dietary Clinical Trial. PERLA A. VARGAS, Elias Robles-Sotelo (University of Arizona/Arizona Cancer Center - Tucson, AZ)
164. Time-Limited Behavioral Treatment in an Outpatient Setting. SUSAN PERKINS-PARKS, Beth Curtin, Stacy Weiner, Dorothea Lerman, Megan Schmelzer, Gary Pace (The Kennedy Krieger Institute and The Johns Hopkins University School of Medicine - Baltimore, MD)
165. The Effects of Imperative and Interrogative Commands on Compliance of Pre-School Children. JEFFREY S. DANFORTH, Catherine R. Walton, Judith A. Stanwick, Joyce L. Smith, Patricia A. Purvis (Eastern Connecticut State University - Willimantic, CT)

166. The Effects of Behavioral Contracting and Preferred Reinforcement on Appointment Keeping. ROBERT A. HAYES, Lisa A. Efron, Elizabeth L. Soeken, Gina S. Richman, Kelley A. Harrison (The Kennedy Krieger Institute and The Johns Hopkins University School of Medicine - Baltimore, MD)
167. The Behavior Therapist Practice: A Study About the Control Variables that may be in Operation During a Therapeutic Session. DENIS ROBERTO ZAMIGNANI, Roberta Kovac, Roberto Alves Banaco (Catholic Pontifice University - Sao Paulo, Brazil)
168. The Use of a Non-Intrusive Behavioural Intervention to Increase Therapeutic Use of a Hand Splint in an Adult Male with an Acquired Brain Injury. JAMES C. K. PORTER, Stephen Corrigan (Community Head Injury Resource Services - Ontario, Canada)
169. Effects of Verbal Spatial, and Pictographic Symbols on Learning in a Computer-Based Logical Task for Rehabilitation. BARBARA MARCUS, Penny L. Wolfe, Jeremy Clorefene, Monica Castillo, Marcie Zinn, Charles Merbitz (Illinois Institute Technology - Chicago, IL)
170. Effects of Fluency Versus Accuracy Training on Lump Detection in Breast Models and on Tissue Coverage During Breast Self-Examination. NIKKI LYN KEEFER (University of Florida - Gainesville, FL), H. S. Pennypacker (University of Florida & MammaTech-Gainesville, FL), Margaret M. Iwata (MammaTech Corporation - Gainesville, FL), Diana Walker (University of Florida - Gainesville, FL)
171. Remediation of Problem Solving Deficits in Children with Acquired Brain Injury Through a Self-Management Treatment Package. KATHERINE SUZMAN, Robin Morris, Michael Milan, Mary Morris (Georgia State University - Atlanta, GA)
172. Changing At-Risk Children's Breakfast Cereal Preferences. GRAINNE A. MATTHEWS (Western Michigan University - Kalamazoo, MI), Brandon F. Greene (Southern Illinois University - Carbondale, IL), Gina Green (E. K. Shriver Center for Mental Retardation - Southboro, MA), Ana Maria Irueste Montes (County of San Bernadino Mental Health, San Bernadino, CA)

173. Application of Matching Theory to a Demand Situation with a Young Child. BARBARA E. RANKIN, Linda J. Cooper, David P. Wacker (University of Iowa - Iowa City - IA)
174. The Use of Response Independent Stimuli in the Treatment of Food Refusal. KRISTA H. KAYSER, Kimberly A. Brown, David P. Wacker, Linda J. Cooper (University of Iowa - Iowa City, IA)
175. Effects of Positive and Negative "Self Talk" on the Electrodermal Response in High School Students. STACI ALLISON MORGAN (Weir Attendance Center - Weir, MS)
176. Assessment and Treatment of Self-Injury. KELLY KATES, BETH DELANEY (Children's Seashore House - Philadelphia, PA), F. Charles Mace, Joseph Lalli, Joyce Mauk (University of Pennsylvania - Philadelphia, PA)
177. Accuracy of Blood Glucose Self-Estimation: Effects of a Descriptive Repertoire of Internal and External Events. MARIA AMELIA MATOS, Domingos A. Malerbi (Universidade de Sao Paulo - Brazil), Fani E. K. Malerbi (Pontificia Universidade Catolica de Sao Paulo - Brazil)

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

Business Meeting  
6:30 PM - 7:20 PM  
Yerba Buena Ballroom  
(Salon 6)

Chair: David P. Wacker (University of Iowa)  
To discuss JABA policies and to summarize outcomes of previous year.

**# 57 *Standard Celeration Society***

Business Meeting  
6:30 PM - 7:20 PM  
Yerba Buena Ballroom  
(Salon 5)

Chair: John O. Cooper (Ohio State University - Columbus, OH)  
The Standard Celeration Society facilitates the exchange and dissemination of information about current applications of precision learning and teaching. The Society encourages the use of standard celeration, and the Standard Celeration Chart because of its application as a frequency display of learning--including inner behavior and organizational, international, and historic data.



**# 58 Editorial Board, Journal of Precision Teaching & Celeration**

Business Meeting  
6:30 PM - 7:20 PM  
Yerba Buena Ballroom  
(Salon 4)

Chairs: Claudia McDade (Center for Individualized Instruction - Jacksonville, AL), Ann Poe (Jacksonville State University - Jacksonville, AL)

To make decisions regarding editorial policy and the future of the Journal, including filling vacancies on the editorial board.

**# 59 Society for the Experimental Analysis of Behavior (SEAB)**

Business Meeting  
6:30 PM - 8:30 PM  
Yerba Buena Ballroom  
(Salon 3)

Chair: Brian A. Iwata (University of Florida - Gainesville, FL)

Board of Directors Meeting

**# 60 California Association for Behavior Analysis**

Business Meeting  
6:30 PM - 7:20 PM  
Yerba Buena Ballroom  
(Salon 2)

Chairs: Gary Novak (California State University - Turlock, CA), Randy Campbell (California State University - Turlock, CA)

Annual Business Meeting

**# 61 Behaviorists for Social Action**

Business Meeting  
6:30 PM - 7:20 PM  
Yerba Buena Ballroom  
(Salon 1)

Chair: Mark A. Mattaini (Columbia University School of Social Work - New York, NY)

To identify objectives for BFSA activities for the coming year.

**# 62 Education and Treatment of Children: Editorial Board Meeting**

Business Meeting  
6:30 PM - 7:20 PM  
Yerba Buena Ballroom  
(Salon 10)

Chairs: Dan Hursh (West Virginia University - Morgantown, WV), Andy Reitz (Pressley Ridge Schools - Pittsburgh, PA), Bob Dickie (California University of Pennsylvania - California, PA)

The participants will discuss the journal's status and editorial policies and procedures.

**# 63 Direct Instruction Special Interest Group**

Business Meeting  
6:30 PM - 7:20 PM  
Yerba Buena Ballroom  
(Salon 11)

Chair: Paul Weisberg (University of Alabama - Tuscaloosa, AL)

Dedicated to achieving excellence in education, those endorsing the Direct Instruction approach emphasize finding sameness across content areas and then designing instructional sequences which are logically consistent, efficient, and strive for expressions of generalization. Ways to create favorable motivational conditions and opportunities for learning and teaching are further emphasized.

**# 64 Trainer's Forum**

Business Meeting  
6:30 PM - 7:20 PM  
Yerba Buena Ballroom  
(Salon 12)

Chair: Jennifer Sobie (Lowell, MI)

Discuss achievements of preceding year and goals of upcoming year. Present annual reports. Discuss issues relevant to ABA status and mission.

**# 65 NWABA**

Business Meeting  
6:30 PM - 7:20 PM  
Yerba Buena Ballroom  
(Salon 13)

Chair: Libby Street (Central Washington University - Ellensburg, WA)

All members of ABA living in the northwestern part of the United States or in Western Canada, are invited to attend this meeting of NWABA members. We will discuss the 1996 ABA conference, and other matters of importance to the organization.

**# 66 ABA EXPO!**

Special Event  
International  
9:00 PM - 11:00 PM  
Golden Gate Hall

Featuring displays from behavioral programs in graduate training, around the world, and ABA committees and special interest groups.

***A. Graduate Training Programs***

1. Internship in Behavior Analysis and Developmental Disabilities, Children's Seashore House and University of Pennsylvania School of Medicine.

Chair: Patrick R. Progar (Children's Seashore House - Philadelphia, PA).

2. Graduate Training in Applied Behavior Analysis in Education, Utah State University (Part A).

Chair: K. Richard (Utah State University - Logan, Utah).

This poster will describe Utah State University's program in applied behavior analysis in education.

3. Graduate Training in Applied Behavior Analysis in Education, Utah State University (Part B).  
Chair: K. Richard (Utah State University - Logan, Utah).  
This poster will describe Utah State University's program in applied behavior analysis in education.
4. Graduate Program in the Department of Human Development and Family Life at the University of Kansas, University of Kansas.  
Chair: David G. Born (University of Kansas - Lawrence, KS).  
This poster will describe the graduate program in the Department of Human Development at the University of Kansas. A special emphasis will be placed on its behavior-analytic focus, admissions requirements, and its graduate degrees.
5. Bancroft, Inc.  
Chair: Kathleen Dyer (Bancroft, Inc. - Haddonfield, NJ).  
Bancroft is a private, non-profit organization which was founded in 1883. It is dedicated to providing the highest quality therapeutic intervention, education, and life skills support available to individuals with developmental disabilities and neurological impairments.
6. Louisiana State University School Psychology Program, Louisiana State University.  
Chairs: Henry S. Roane, Joel E. Ringdahl (Louisiana State University - Baton Rouge, LA).  
The School Psychology program at Louisiana State University offers a diverse curriculum and research experience for those students interested in School Psychology and Applied Behavior Analysis.
7. Graduate Training, California State University.  
Chair: Bruce E. Hesse (California State University - Turlock, CA).  
The graduate training program leading to a Masters of Science degree in Psychology is described.
8. Center for Behavior Analysis, University of North Texas.  
Chair: Richard G. Smith (University of North Texas).  
Master's degree in behavior analysis, accredited by ABA, includes coursework in experimental analysis, applied behavior analysis and theory/philosophy.

9. Behavior Analysis and Clinical Psychology at the University of Nevada, University of Nevada.

Chair: Linda J. Hayes (University of Nevada - Reno, NV).

10. Applied Behavior Analysis and Behavioral pediatrics: Internships and Postdoctoral opportunities at the Meyer Institute, Meyer Rehabilitation Institute.

Chair: Mark D. Shriver (University of Nebraska Medical Center - Omaha, NE).

The Meyer Institute is an interdisciplinary University Affiliated Program providing psychology interns, post-doctoral fellows, medical residents, and graduate students with the conceptual and clinical skills necessary to work with families, children, and adolescents with common behavioral problems as well as emotional, physical, and cognitive disabilities.

11. Kennedy Krieger Institute: Internships and Fellowships

Chair: Wanda Finnerty (Kennedy Krieger Institute - Baltimore, MD)

The poster will present the Institute's Pre-Doctoral and Post-Doctoral training programs. The internship and fellowship programs will be of interest to students in graduate psychology programs.

### ***B. Behavior Analysis Around the World***

1. Behavior Analysis at the University of Oslo, Norway, University of Oslo, Norway.

Chairs: Per Holth, Erik Arntzen (University of Oslo - Norway).

Each semester 10 students participate in a course within the experimental analysis of behavior. The course is based on Catania's book *Learning*, and software program *Behavior on a Disk*.

2. Mexican Journal of Behavior Analysis: A 1975-1995 Publication Analysis, National University of Mexico.

Chair: Fernando Vazquez (National University of Mexico - Del Coyoacan, Mexico).

Mexican Journal of Behavior Analysis (MJBA) is the oldest contemporary scientific journal specialized in the analysis of behavior, published in Latin America.

3. A Comprehensive Behavior Analysis Treatment Package for the Rehabilitation of Aggressive and Self-Abusive Behaviors of a Female with Acquired Brain Injury, McMaster University.

Chair: Tanya Darby (McMaster Hospitals - Hamilton, Ontario).

This study systematically evaluated the effectiveness of social disapproval, exclusionary time-out and a point system to decrease the frequency of aggressive and self-abusive behaviors of a 35 year old female with an acquired brain injury.

4. Other International Behavior Analysis Programs will be added at a later date.

### **C. Committees and SIGS**

1. ABA Student Committee Poster, University of Nevada.

Chair: Mark A. Swain (University of Nevada - Reno, NV).

The ABA Student Committee poster describes services provided to ABA student members by the Student Committee. The Purpose of the poster is to provide information to students and other ABA members regarding the activities of the Student Committee.

2. ABA's Teaching Behavior Analysis SIG and the Education Board, Western Michigan University.

Chairs: Corina Groeger, Richard W. Malott (Western Michigan University - Kalamazoo, MI).

This will be a presentation of the goals, accomplishments and activities of the TBA SIG.

3. The Verbal Behavior Special Interest Group and *Analysis of Verbal Behavior*, Behavior Analysts, Inc.

Chair: Mark L. Sundberg (Behavior Analysts, Inc. - Danville, CA).

This poster is designed to promote the Verbal Behavior Special Interest Group and the ABA Journal *Analysis of Verbal Behavior*.

4. Chicago Association for Behavior Analysis Poster, Illinois Institute of Technology.

Chairs: Charles Merbitz, Marcie Zinn (Illinois Institute of Technology - Chicago, IL).

Poster at Expo for CABA Members in attendance at ABA.

5. Standard Celeration Chart Special Interest Group, Illinois Institute of Technology.

Chair: Charles Merbitz (Illinois Institute of Technology - Chicago, IL).

This poster provides ABA members an opportunity to meet and talk to members of Standard Celeration Chart Special Interest Group in an informal, relaxed setting.

6. *Behavior Analysis Digest*.

Chair: W. Joseph Wyatt (Behavior Analysis Digest - Hurricane, WV).

*Behavior Analysis Digest* is an international newsletter that serves as a clearinghouse and exchange of concise news and information on the experimental, theoretical and applied analysis of behavior. Stop by to chat with the editor and receive a complimentary newsletter.

7. APA Division 25 for the Experimental Analysis of Behavior, University of Kansas.

Chair: Edward K. Morris (University of Kansas - Lawrence, KS).

This poster will describe the purview and purpose of the American Psychological Association's Division 25 for the Experimental Analysis of Behavior. These will be presented via prose materials and organizational charts of APA and the Division, and through listings of the Division's current governance structure and its members. Special emphasis will be placed on benefits of Division membership and the importance of student recruitment.

Room	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM
Golden Gate A	# 6 SQAB Events						
Gloden Gate B							
Gloden Gate C							
Salon 1							# 20 Cultural Prac
Salon 2							# 19 Behav Econ
Salon 3							# 18 Bi-Directional
Salon 4							# 17 Transitiong
Salon 5							# 16 Understanding
Salon 6							# 15 Intensive Beh
Salon 7							# 14 Effects of EOs
Salon 8							
Salon 9						# 13 Opening Addr	
Salon 10							# 21 Science, Belief
Salon 11							
Salon 12							
Salon 13							
Salon 14							# 22 Community
Salon 15							# 23 Putting Behav
Nob Hill A							# 24 JBAT:
Nob Hill B							
Nob Hill C & D							
Pacific Suite A	# 8 TBA ...	Workshop # 22 PECS for Children and Adults					# 25 Future of PM
Pacific Suite B	# 9 Interbehavior	Workshop # 23 How to Develop, Produce, & Use SAFMEDS					# 26 Society ...
Pacific Suite H	# 10 Publication	Workshop # 24 Incidental Teaching of Social and Academic ...					# 27 Self-Instruct
Pacific Suite I		# 12A Intro to ABA (Newcomer's)					# 28 Inclusive Educ
Pacific Suite J		Workshop # 25 No Nonsense Guide to Group Home Manage					# 29 Within-Sess
Sierra Suite A		Workshop # 26 Resolving Disputes With Mediations Skills					# 30 Tics ...
Sierra Suite B		Workshop # 27 Nonlinear Simulations and Neural Networks					
Sierra Suite C		Workshop # 28 Promoting Student Wnting Skills Through . .					
Sierra Suite G		Workshop # 29 Basics of Establishing a Pet Therapy Practice					
Sierra Suite H		Workshop # 30 Behavioral Consultation in Developmental					
Sierra Suite I	# 7 International Dev Comm Breakfast						
Sierra Suite J		# 11 Welcome					
Sierra Suite K			# 12B Affiliated Chapters Breakfast				

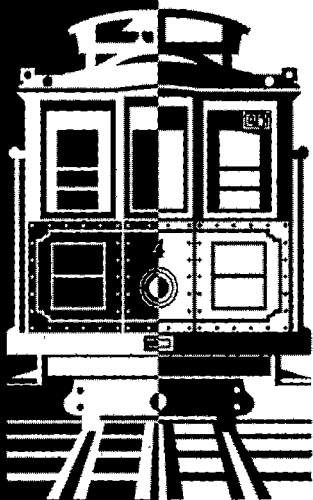
Room	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM
Golden Gate A				#51 - #55 Poster Sessions			
Golden Gate B	Exhibitor Booths Open (also 9:00 pm - 11:00 pm)						
Golden Gate C				#51 - #55 Poster Sessions			
Salon 1	# 20 (Continued)	#37 Changing Cultural Practices			# 61 BFSA		
Salon 2	# 19 (Continued)	#36 Relational Frame Theory			# 60 CAL-ABA		
Salon 3	# 18 (Continued)	#35 Behavioral-Dev Stages			# 59 SEAB		
Salon 4	# 17 (Continued)					# 58 JPTC	
Salon 5	# 16 (Continued)	#33 Verbal and Nonverbal			# 57 Celeration		
Salon 6	# 15 (Continued)	#32 Programming for			# 56 JABA		
Salon 7	# 14 (Continued)	#31 Severe Aberrant Behavior					
Salon 8							
Salon 9							
Salon 10	# 21 (Continued)					# 62 Ed Treat Child	
Salon 11			#39 Cultural Analysis: Where do			# 63 Direct Instruct	
Salon 12			#40 Behavioral Consultation in			# 64 Trainer's	
Salon 13			#41 Applied Beh Anal w/ Animals			# 65 NWABA	
Salon 14	# 22 (Continued)	#42 Current Issues in Supported					
Salon 15	# 23 (Continued)	#43 Clinical Beh Anal Case Conf					
Nob Hill A	# 24 (Continued)	#44 Behavioral Analysis in Year					
Nob Hill B							
Nob Hill C & D	# 25 (Continued)	#45 Getting Data from Clients					
Pacific Suite A	# 26 (Continued)	#46 Intimacy and Distancing					
Pacific Suite B	# 27 (Continued)	#47 Contextual Influences on					
Pacific Suite H	# 28 (Continued)	#48 Mixing and Marketing					
Pacific Suite I	# 29 (Continued)	#49 Resistance to Change					
Pacific Suite J	# 30 (Continued)						
Sierra Suite A							
Sierra Suite B							
Sierra Suite C							
Sierra Suite G							
Sierra Suite H							
Sierra Suite I							
Sierra Suite J							
Sierra Suite K							

Check Out  
**The ABA EXPO**  
9:00 PM - 11:00 PM  
Golden Gate Hall

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 9:00 PM - 11:00 PM  
 Golden Gate Hall



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SAN FRANCISCO

Association  
for Behavior  
Analysis

An International Organization

22nd Annual Convention  
Sunday, May 26, 1996

Invited Presentations  
Special Events  
Reunions/Receptions  
Convention Sessions  
Announcements  
Day Schedule

## INVITED PRESENTATIONS

- #126 • The Tom Gilbert I Knew: A  
Memorial to Thomas F. Gilbert -- Panel  
Chair: Richard M. O'Brien
- #137 • From Basics to Contemporary  
Paradigms: Timing. PETER KILLEEN  
Chair: Kennon A. Lattal
- #146 • Alternative Means of Enhancing  
Communication for Persons with Severe  
Disabilities -- Symposium  
Chair: Michael M. Behrmann
- #148 • From Basics to Contemporary  
Paradigms: Matching. HOWARD  
RACHLIN. Chair: Jack McDowell

## SPECIAL EVENTS

- #68 • Breakfast for Student Members  
Sponsored by Spectrum Center
- #149 • Presidential Scholar Address:  
Behavior Management in the Zoo.  
TERRY MAPLE  
Chair: Richard M. Foxx

- #161 • ABA Business Meeting  
Chair: Richard M. Foxx
- #172 • Behavioral Follies  
Social event organized by the University  
of Nevada.

## REUNIONS/RECEPTIONS

- #166 • Cambridge Center for Behavioral  
Studies Reception. Betsy J. Constantine
- #167 • SCSU Reunion. Gerald C. Mertens  
& Matthew L. Miller
- #168 • University of North Texas,  
Department of Behavior Analysis  
Sigrid Glenn
- #169 • OBM Network Hospitality Suite  
To provide further networking  
opportunities and future planning.
- #170 • Standard Celeration Chart Data  
Sharing. James Pollard
- #171 • 20th Anniversary Reunion of the  
Behavior Analysis Program at West  
Virginia University. Kennon A. Lattal

*You're invited!*

## CAMBRIDGE CENTER FOR BEHAVIORAL STUDIES

*Come join us!*

## RECEPTION

Sunday, May 26, 1996 7:30 - 9:30 PM (in Nob Hill A&B)

Come learn about our successful programs to help the general  
public understand and apply basic behavioral principles.  
Find out how you can get involved in the Center's activities!

See you there!

Also, come to our Symposium  
Monday, 10:30-11:50 AM

*Betsy J. Constantine, Ph.D.*  
Executive Director

## CONVENTION SESSIONS

### # 68 **Breakfast for Student Members**

Special Event  
7:30 AM - 9:00 AM  
Yerba Buena Ballroom  
(Salon 15)

Student Representative-Elect: Judy Honeywell (Western Michigan University - Kalamazoo, MI)  
Breakfast sponsored by Spectrum Center for student members.

### # 69 **Behavioral Gerontology SIG**

Business Meeting  
8:00 AM - 8:50 AM  
Yerba Buena Ballroom  
(Salon 6)

Chair: David G. Born (University of Kansas - Lawrence, KS)  
Professional business (Planning for ABA 1997, discussions of health of the SIG, recognition, awards for gerontology presentations, social contracts with other professionals with interests in behavioral gerontology, etc.)

### # 70 **Professional Development Committee**

Business Meeting  
8:00 AM - 8:50 AM  
Yerba Buena Ballroom  
(Salon 5)

Chair: April D. Miller (University of Southern Mississippi - Hattiesburg, MS)  
Annual meeting of the Professional Development Committee. The agenda for the meeting includes: 1) committee organization, charges, and responsibilities; 2) mentor-mentee network; 3) program for the 1997 convention; and 4) other areas of concern.

### # 71 **ABA in Autism Parent Network**

Business Meeting  
8:00 AM - 8:50 AM  
Yerba Buena Ballroom  
(Salon 4)

Chair: Lisa M. Parles (Villanova, PA)  
A meeting of parent groups advocating for the use of applied behavior analysis in educating their autistic children. The purpose of this meeting is networking to assist families in obtaining intensive behavioral treatment for autistic children.

### # 72 **Mississippi Association for Behavior Analysis (MABA)**

Business Meeting  
8:00 AM - 8:50 AM  
Yerba Buena Ballroom  
(Salon 3)

Chair: Carlos F. Aparicio (The University of Mississippi - University, MS)  
To talk about the Status Quo of MABA.

### # 73 **Behavior Analysis in Corrections**

Business Meeting  
8:00 AM - 8:50 AM  
Yerba Buena Ballroom  
(Salon 10)

Chair: Dudley J. Terrell (Federal Bureau of Prisons - Washington, D.C.)  
To share information on future program development in the correctional setting.

**# 74 Open Meeting for Undergrads Wanting to Go to Grad School**  
 Business Meeting  
 8:00 AM - 8:50 AM  
 Yerba Buena Ballroom  
 (Salon 11)  
 Chairs: Corina Groeger, Richard W. Malott (Western Michigan University - Kalamazoo, MI)  
 To help undergraduate students get into graduate programs in behavior analysis, by giving them guidelines and strategies and by introducing them to representatives of the various programs.

**# 75 Autism SIG**  
 Business Meeting  
 8:00 AM - 8:50 AM  
 Nob Hill C & D  
 Chair: Gladys Williams (Applied Behavioral Consultant Services - New York, NY)  
 A forum for members to discuss various issues relevant to the field of autism.

**# 76 Behavior and Fitness Special Interest Group Meeting**  
 Business Meeting  
 8:00 AM - 8:50 AM  
 Nob Hill B  
 Chair: Bobby Newman (Queens College and the Graduate Center/CUNY - New York, NY)  
 Yearly meeting, organizational, newsletter preparation.

**# 77 Cultural and Economic Factors in Applying Behavior Analysis**  
 Panel Discussion  
 9:00 AM - 9:50 AM  
 Yerba Buena Ballroom  
 (Salon 6)  
 DDA  
 Chair: Joseph E. Morrow (California State University and Applied Behavior Consultants - Sacramento, CA)  
 Panelists:  
 • RODGER STEIN (Applied Behavior Consultants - Sacramento, CA)  
 • PATRICIA FRENCH (Applied Behavior Consultants - Sacramento, CA)  
 • MARIA BYRNE (Applied Behavior Consultants - Sacramento, CA)



**# 78 The Impact of Error Correction on the Spelling Performance of Elementary Aged Students with Special Needs**  
 Symposium  
 9:00 AM - 10:20 AM  
 Yerba Buena Ballroom  
 (Salon 5)  
 EDC  
 Chair: Phillip Belfiore (Mercyhurst College - Erie, PA)  
 Discussant: Edward Kameenui (University of Oregon - Eugene, OR)  
 • The Effects of Error Correction on the Spelling Accuracy of Students with Disabilities. JANICE A. GRSKOVIC (Purdue University - West Lafayette, IN), Phillip J. Belfiore (Mercyhurst College - Erie, PA)

- The Effects of Error Correction on the Spelling Accuracy of Chicano/Mexican-Mexican Bilingual Migrant Education Students With and Without Disabilities. ANDRES U. VARGAS, Janice A. Grskovic (Purdue University - West Lafayette, IN), Phillip J. Belfiore (Mercyhurst College - Erie, PA), Janet L. Halbert (Milwaukee High School)
- The Effects of Self-Correction on the Acquisition and Maintenance of Spelling Words with Third Grade Students. STACY MARTZ, Timothy E. Heron (The Ohio State University - Columbus, OH), ARLENE M. HALL (Purdue University - West Lafayette, IN), Marti E. McGuffin (Columbus Public Schools)



# 79

Symposium

9:00 AM - 10:20 AM  
Yerba Buena Ballroom  
(Salon 4)  
PRM

### **Quality Improvement in Human Services: Where Are the Data?**

Chair: Robert F. Putnam (May Institute - Randolph, MA)  
Discussant: Michael Apolito (South Shore Mental Health - Quincy, MA)

- Organizational Behavioral Management and Quality Improvement Systems. ROBERT BABCOCK, Richard Fleming (Auburn University - Auburn, AL)
- The Computerization of Quality Improvement Systems: Clinical and Operational Data Collection. SEAN HITE (May Institute - Randolph, MA)
- The Development and Implementation of Clinical and Operational Databases in Psychiatric Settings: A Balanced Scorecard Approach for the Evaluation of Service Delivery. KATHLEEN BRADLEY KAPSALIS (May Institute - Randolph, MA)

# 80

Symposium

9:00 AM - 10:20 AM  
Yerba Buena Ballroom  
(Salon 3)  
DEV

### **Achieving Generalized Problem-Solving Using Self-Instruction by Individuals with Developmental Disabilities**

Chair: Katherine Froehlich (University of Kansas - Lawrence, KS)

Discussant: Eileen Gambrill (University of California - Berkeley, CA)

- Self-Instruction as a Method to Facilitate Accuracy on a Generalization Task and Generalized Performance of a Daily Living Skill. KATHERINE FROEHLICH, Irene Grote, Donald M. Baer (University of Kansas - Lawrence, KS)

- Using Self-Instruction to Teach Generalized Problem-Solving Within a Functional Task Sequence. CAROLYN HUGHES (Vanderbilt University - Nashville, TN), Kathleen Hugo, Jodi Blatt (Arizona State University)
- Using Verbal Skills in a Task Analysis to Teach Generalized Self-Prompts with Complex Skills. RONIT M. GERSHATER, Irene Grote, Donald M. Baer (University of Kansas - Lawrence, KS)



### **# 81 Organizational Performance: Behavior Analysis and Management**

Panel

Discussion

9:00 AM - 10:20 AM

Yerba Buena Ballroom

(Salon 2)

PRM

Chair: C. Merle Johnson (Central Michigan University - Mount Pleasant, MI)

Panelists:

- THOMAS C. MAWHINNEY (University of Detroit Mercy - Detroit, MI)
- WILLIAM K. REDMON (Continuous Learning Group - Coraopolis, PA)
- PHILLIP K. DUNCAN (West Chester University - West Chester, PA)
- RICHARD K. FLEMING (Auburn University - Auburn, AL)
- BILL HOPKINS (Auburn University - Auburn, AL)
- DONALD A. HANTULA (Temple University - Philadelphia, PA)

### **# 82 Improving Inspection Accuracy**

Paper Session

9:00 AM - 9:50 AM

Yerba Buena Ballroom

(Salon 1)

PRM

Chair: Lucianne Hackbert (University of New Mexico - Albuquerque, NM)

- Effect of Training Procedure on Accuracy of Older and Younger Inspectors in a Simulated Quality Control Task. JANET ELLIS, Joel Greenspoon (University of North Texas - Denton, TX)
- The Effect of Training on Inspection Accuracy Under Varying Defect Probabilities in a Quality Control Simulation. PETER-CORNELIUS DAMS (University of North Texas - Denton, TX)

- # 83    The Application of Establishing Operations in Teaching Social and Communicative Skills to Young Children with Autism**  
 Panel Discussion  
 9:00 AM - 9:50 AM  
 Yerba Buena Ballroom  
 (Salon 10)  
 TPC  
 Chair: Mary Jane Weiss (Rutgers University - New Brunswick, NJ)  
 Panelists:  
 • STEIN LUND (Rutgers University - New Brunswick, NJ)  
 • JOHN BARNARD (Rutgers University - New Brunswick, NJ)
- # 84    Dilemmas in Maintaining University Relationships with Community Agencies**  
 Paper Session  
 International  
 9:00 AM - 9:50 AM  
 Yerba Buena Ballroom  
 (Salon 11)  
 ELS  
 Chair: Diana Grabavac (University of Victoria - British Columbia, Canada)  
 • Dilemmas in Maintaining University Relationships with Community Agencies. DAVID N. ELLIS (University of South Alabama - Mobile, AL)  
 • Informed Consent in Mentally Retarded Individuals. WILLY-TORE MORCH, Eva Skoe (University of Tromso - Tromso, Norway)
- # 85    Integration of Developmental and Behavioral Approaches to Improve the Outcomes of Interventions with Young Children**  
 Symposium  
 9:00 AM - 10:20 AM  
 Yerba Buena Ballroom  
 (Salon 12)  
 EDC  
 Chair: Colleen M. McMahon (University of California - Riverside, CA)  
 Discussant: Nancy A. Mundschenk (Southern Illinois University - Carbondale, IL)  
 • Utilizing Developmental Differences to Enhance the Outcomes of Self-Regulation Interventions. COLLEEN M. MCMAHON (University of California - Riverside, CA)  
 • Teaching Literacy Skills to At-Risk Children: Integrating Behavioral Techniques with a Dialogue Journal Task. JUDITH A. SYLVA (University of California - Riverside, CA)  
 • The Efficacy of a Pragmatic Language Intervention to Improve Peer Interactions with Socially Withdrawn Children. MAUREEN HOSKYN (University of California - Riverside, CA)

## **# 86 Errors in Statistical Data Analysis**

Paper Session  
9:00 AM - 9:50 AM  
Yerba Buena Ballroom  
(Salon 13)  
EAB

Chair: Emily E. Branscum (Florida International University - Miami, FL)

- Type I Error Rate of Conventional Visual Analysis Techniques from Single Subject Research: An Analysis of the Influence of Autocorrelated AB Data. RICHARD KIEFER-O'DONNELL, JOHN KIRCHER (University of Utah - Salt Lake City, UT)
- Recently Recommended Analyses of Single Subject Data: Fatal Flaws. BRADLEY E. HUITEMA, Joseph W. McKean, Scott McKnight, Jinsheng Zhao (Western Michigan University - Kalamazoo, MI)



## **# 87A**

Symposium

9:00 AM - 10:20 AM  
Yerba Buena Ballroom  
(Salon 14)  
DDA

### **Follow-Up Reports on the Treatment of SIB Using SIBIS: Does it Last? Can it be Faded?**

Chair: Thomas R. Linscheid (Ohio State University and Children's Hospital)

Discussant: Richard M. Foxx (Pennsylvania State University - Middletown, PA)

- Factors Affecting the Long Term Success of Treatment with SIBIS: A Two Year Follow-up Report. HEIDI REICHENBACK (Fairfield County Board of MR/DD), Thomas R. Linscheid (Ohio State University and Children's Hospital)
- Is Contingent Electric Shock Treatment Durable?: A Nine Year Follow-up. MIKE ROONEY, Matt Tillett (Northeast School), Jack Karner, Khuenert Homes, Thomas R. Linscheid (Ohio State University and Children's Hospital)
- Long Standing SIB in a Non-Ambulatory Individual Treated with SIBIS: Sixteen Month Follow-up. JAMES D. DUNNE, William Easterling, Sue Goldsburly (The Heinzerling Foundation), Thomas R. Linscheid (The Ohio State University and Children's Hospital)
- To Fade or Not to Fade: Stimulus Control Aspects of SIBIS. ANNE S. KUPFER, Brooke Bourassa (The Learning Center)

## **# 87B**

Business Meeting  
9:00 AM - 9:30 AM  
Yerba Buena Ballroom  
(Salon 15)

### **ABA Student Committee**

Chair: Mark A. Swain (University of Nevada - Reno, NV)

The Student Committee Business Meeting allows student members to meet and discuss the Student Committee's current and proposed activities.





**# 88 Tactics for Creating Accurate Representations of Behavior Analysis**

Symposium

9:00 AM - 10:20 AM

Nob Hill A

TPC

Chair: Stephen R. Flora (Youngstown State University - Youngstown, OH)

Discussant: W. Joseph Wyatt (Behavioral Digest - Hurricane, WV)

- The Differences (if any) Between Watson's and Skinner's Behaviorism's. PETER HARZEM (Auburn University - Auburn, AL)
- Disseminating Behavior Analysis in Cyberspace. JOSEPH PLAUD (University of North Dakota - Grand Forks, ND)
- Representation of Behavioral Methodology in Experimental Psychology. STEPHEN R. FLORA (Youngstown State University - Youngstown, OH)

**# 89 Teaching Behavior Analysis: Battle of the Behavior Analysis Grad. Programs II**

Symposium

9:00 AM - 10:20 AM

Nob Hill B

EDC

Chair: Max Brill (Oakland University - Rochester, MI)

- Applied Behavior Analysis at Georgia State University. LAURA FREDRICK (Georgia State University - Atlanta, GA)
- The Clinical Behavioral Program at Eastern Michigan University: Coming of Age. PETER HOLMES, Marilyn Bonem (Eastern Michigan University - Ypsilanti, MI)
- ABC's of BAT at SIU. ROGER POPPIN (Southern Illinois University at Carbondale - Carbondale, IL)
- Behavior Analysis at Jacksonville State University. WILLIAM L. PALYA (Jacksonville State University - Jacksonville, AL)
- Learning to "Walk the Walk and Talk the Talk": CABAS and the Columbia University TC Graduate Student Experience. R. DOUGLAS GREER (Columbia University - New York, NY)



**# 90 A Behavioral Analysis of Aggression and Violence in Families**

Symposium

9:00 AM - 10:50 AM

Pacific (Suite A)

CBM

Chair: Jennifer Ross (University of Nevada - Reno, NV)

Discussant: Victoria Follette (University of Nevada - Reno, NV)

- Societal Influences on Couple Violence: A Contextual Perspective. JENNIFER ROSS, CHER ALLISON, Alan Fruzzetti (University of Nevada - Reno, NV)

- The Function of Aggression and Violence in Heterosexual and Lesbian Couples. CATHERINE PAQUE, Jill Serafin, Shane Weiss, Alan Fruzzetti (University of Nevada - Reno, NV)
- Individual Functioning in the Context of Aversive and Violent Couple Interactions. LISA BURGERT-CAMPBELL, Alan Fruzzetti (University of Nevada - Reno, NV)
- Impact of Abuse on Child Development: A Behavior-Analytic View. NENA RUBIO-KUHNERT, Sheryl Monier, Alan Fruzzetti (University of Nevada - Reno, NV)



**# 91**  
Symposium  
9:00 AM - 10:50 AM  
Pacific (Suite B)  
DEV

**Experimentally Evoked and Maintained Jealousy Protest in Siblings and Peers**

Chair: Tom Bower (University of Texas at Dallas - Dallas, TX)

Discussant: Tom Bower (University of Texas at Dallas - Dallas, TX)

- Maternal Attention Evokes and Maintains Jealousy Behavior in Infants. WENDY E. ROTH, Jacob L. Gewirtz, Michael Markham (Florida International University - Miami, FL)
- The Onset and Maintenance of Jealousy Protest. SYBIL HART (University of Miami Medical School, T.R.I. - Miami, FL)



**# 92**  
Symposium  
9:00 AM - 10:20 AM  
Pacific (Suite H)  
DDA

**Outreach Treatment Services: A Consultative Approach Providing Applied Behavioral Interventions to Families, School, and Community Agencies Serving Individuals with Developmental Disabilities.**

Chair: Brett E. Hemstreet (Outreach Treatment Services, Beatrice State Developmental Center - Beatrice, NE)

Discussant: Melissa McKinnon (Outreach Treatment Services, Beatrice State Developmental Center - Beatrice, NE)

- The Successful Treatment of a Visually Impaired, Self-Injurious Student. BRETT E. HEMSTREET (Outreach Treatment Services, Beatrice State Developmental Center - Beatrice, NE)

- Increasing Independence in Daily Personal Hygiene: Treatment Case Study of a Consumer who Displayed Low Frequency, High Intensity Dangerous Behavior. MELISSA MCKINNON (Outreach Treatment Services, Beatrice State Developmental Center - Beatrice, NE)
- Successful Treatment of Highly Disruptive, Non-Dangerous Behaviors in a Community Setting: Treatment Case Study. BRUCE L. KNOBEL (Outreach Treatment Services, Beatrice State Developmental Center - Beatrice, NE)



**# 93**

Symposium

9:00 AM - 10:20 AM

Pacific (Suite J)

CBM

**How to Sell Ourselves Without Selling Out: Marketing and Delivering Professional Behavior Analysis Services in an Ethical and Accountable Manner**

Chair: Jose A. Martinez-Diaz (Florida Department of Health and Rehabilitative Services - Orlando, FL)

Discussant: Jim Partington (Behavior Analysts, Inc. - Danville, CA)

- Behavior Analysis Practice and the Shifting Service Delivery Paradigm. MICHAEL HEMINGWAY (Florida Department of Health and Rehabilitative Services - Tallahassee, FL)
- Informing Potential Consumers About what a Competent Behavior Analyst Will Do, and Will Not Do, Before Intervention. JOSE A. MARTINEZ-DIAZ (Florida Department of Health and Rehabilitative Services - Tallahassee, FL)
- What Consumers Can Expect From a Competent Behavior Analyst During and After Intervention. HAYDEE TORO (Florida Department of Health and Rehabilitative Services - Tallahassee, FL)
- Helping the Public to Identify Qualified Professional Behavior Analysts. JERRY SHOOK (AuClair Palms - Tallahassee, FL)

**# 94**

Symposium

10:00 AM - 11:50 AM

Yerba Buena Ballroom

(Salon 7)

DDA

**On the Establishing and Reinforcing Effects of Choice**

Chair: Cathleen C. Piazza (Kennedy Krieger Institute)

Discussant: Glen Dunlap (University of South Florida)

- Comparison of Forced-Choice, Group Presentations, and Group Presentation without Replacement Methods of Reinforcer Identification. ISER G. DELEON, Brian A. Iwata (University of Florida - Gainesville, FL)

- Providing Opportunities to Make Choices to Facilitate the Homework Performance of Children with Autism. DOUGLAS MOES (Kennedy Krieger Institute - Baltimore, MD), Robert L. Koegel (University of California)
- Examining the Effects of Reinforcement Choice on Free-Operant Responses of Individuals with Developmental Disabilities. DOROTHEA C. LERMAN (Kennedy Krieger Institute - Baltimore, MD), Brian A. Iwata (University of Florida - Gainesville, FL), John Adelinus, Heidi Patterson (Kennedy Krieger Institute - Baltimore, MD)
- On the Relative Reinforcing Effects of Choice-Making and Preferred Stimuli. WAYNE W. FISHER, Rachel Thompson, Cathleen C. Piazza, Kim Crosland (Kennedy Krieger Institute - Baltimore, MD)

**# 95 Behavioral Group Homes: Program Set-Up, Staff Training, and Other Issues**

Symposium  
10:00 AM - 11:50 AM  
Yerba Buena Ballroom  
(Salon 6)  
DDA

- Chair: Shirley O'Brien (Community Environments, Inc. - Sebring, FL)
- Discussant: Brandon F. Greene (Southern Illinois University - Carbondale, IL)
- Staff Training in Group Homes: Facts and Concerns. JAY ZIMMERMAN, Roger Zhuang, Shirley O'Brien (Community Environments, Inc. - Sebring, FL)
  - The Impact of Programmatic/Organizational Changes on Client Gains and Staff Performance. ROGER ZHUANG, Shirley O'Brien, Jay Zimmerman, Joe Richter (Community Environments, Inc. - Sebring, FL)
  - Evaluating Relative Effectiveness of Two Staff Training Approaches and Generalization Functions. ROGER ZHUANG, Shirley O'Brien, Todd Castine, Vicki Pommier, Doris Duan, Meredith C. Milloy (Community Environments, Inc. - Sebring, FL)
  - Training and Generalization of Social Skills to Adolescents with Developmental Disabilities in Group Homes. DORIS DUAN, Roger Zhuang, Meredith C. Milloy, Shirley O'Brien (Community Environments, Inc. - Sebring, FL)



**# 96**

## **Assessing and Improving Safety**

Paper Session

10:00 AM - 10:50 AM

Yerba Buena Ballroom

(Salon 1)

PRM

Chair: Chauncey Parker (University of Washington - Seattle, WA)

- "Near Miss" Training: A Signal Detection Approach to Increasing "Safety" in a Human Service Setting for students with Serious Behavior Problems. AUSTIN LAMBE, Michael Elliott, Michael Ward, Ronnie Detrich, Kraig Nagel (Spectrum Center - Berkeley, CA)
- The Relationship Between Organizational Culture and Behavioral Safety: A Validation of a Measure of Behavioral Safety Climate/Culture. JONATHAN KRISPIN, Donald Hantula (Temple University - Philadelphia, PA)

**# 97**

## **Ethical Issues in the Schools**

Paper Session

10:00 AM - 10:50 AM

Yerba Buena Ballroom

(Salon 11)

ELS

Chair: Pamela G. Osnes & Neal H. Berger (University of South Florida - Tampa, FL)

- A Qualitative Analysis of Ethical Decision Making Processes. NEAL H. BERGER, Pamela G. Osnes, James L. Paul (University of South Florida - Tampa, FL)
- Enhancing Ethical Decision-Making in School Reform. PAMELA G. OSNES, Neal H. Berger, James L. Paul (University of South Florida - Tampa, FL)



**# 98**

## **Toward a Stronger Science of Derived Relations: Developing Critical Empirical Tests**

Panel

Discussion

International

10:00 AM - 11:50 AM

Yerba Buena Ballroom

(Salon 13)

EAB

Chair: Elizabeth V. Gifford (University of Nevada - Reno, NV)

Panelists:

- DERMOT BARNES (University College - Cork, Ireland)
- CHARLES A. CATANIA (University of Maryland - Catonsville, MD)
- STEVEN C. HAYES (University of Nevada - Reno, NV)
- RICHARD R. SAUNDERS (University of Kansas - Parsons, KS)



**# 99**

## **Methods for Separating the Effects of Practice From Rate-Building Exercises in Generative Instruction**

Symposium

10:00 AM - 11:50 AM

Nob Hill C & D

EDC

Chair: Philip N. Chase (West Virginia University - Morgantown, WV)

Discussant: T.V. Joe Layng (Malcolm X College - Chicago, IL)

- A Within-Subject Analysis of the Effects of Rate-Building Procedures on Performance During Distraction Conditions. OLIVER WIRTH, Philip N. Chase (West Virginia University - Morgantown, WV)
- The Use of Stimulus Equivalence Procedures to Investigate the Effects of Generative Instruction. LEO CARLIN, Oliver Wirth, Kevin Munson, Philip N. Chase (West Virginia University - Morgantown, WV)
- Improving Spelling Through Generative Instruction. LINDA ROSS, Philip N. Chase (West Virginia University - Morgantown, WV)
- The Effects of Extending Travel Time on the Establishment of Frequency Aims for Math Facts. GAIL DE MARCO, Bradley Frieswyk, Claire Kalpakjian, Hubert Dure, T.V. Joe Layng (Malcolm X College - Chicago, IL)
- The Effects of Practicing a Nonmath Scanning Component Skill on the Establishment of Frequency Aims for Math Fact Problems. CLAIRE KALPAKJIAN, Bradley Frieswyk, Gail De Marco, Angela Boone, T.V. Joe Layng (Malcolm X College - Chicago, IL)



#### # 100

Symposium  
International

10:00 AM - 11:50 AM

Pacific (Suite I)

EAB

#### Changing Over in Concurrent Schedules

Chair: Kennon A. Lattal (West Virginia University - Morgantown, WV)

Discussant: Richard L. Shull (University of North Carolina at Greensboro - Greensboro, NC)

- What is Important about the Changeover Delay? TIMOTHY SHAHAN, Kennon A. Lattal (West Virginia University - Morgantown, WV)
- Reinforcer Allocation versus Response-Reinforcement Contingencies in Simple Alternation in Rats. IVER H. IVERSEN (University of North Florida - Jacksonville, FL)
- The Role of Changeover Responses in Matching. DAVID C. PALMER (Smith College), Michael A. Crowley (Mount Holyoke College), John W. Donahoe (University of Massachusetts/Amherst)
- Timing and Patch Residence with Fixed Arrival Times of Food. MICHAEL DAVISON, Max Jones (University of Auckland - Auckland, New Zealand)



## # 101

### Symposium

10:30 AM - 12:20 PM

Yerba Buena Ballroom

(Salon 8)

DEV

## American Parenting of Language-Learning Children

Chair: Sidney W. Bijou (University of Nevada - Reno, NV)

- Natural Science in Behavior Analysis. SIDNEY W. BIJOU (University of Nevada - Reno, NV)
- Finding Out What Parents and Children Actually Do: Collecting, Transcribing and Coding 23 Million Bytes of Behavior Across 1300 Hours of 42 Families' Lives; the Validity and Reliability of the Resulting Data Set; and Measures of Child Outcomes. BETTY HART (University of Kansas - Lawrence, KS)
- The BIG Variables of Early Family Experience: Amount per Hour of Parent Talk, Affirmation and Prompting Related to Children's Later Accomplishments in Talking and Test-Taking. TODD RISLEY (University of Alaska - Anchorage, AK)
- Implications of This Natural Science Data Set for Advancing the Debate in "Modern" Psycholinguistics. JOHN MABRY (University of North Carolina - Raleigh, NC)
- Implications of This Natural Science Data Set for Advancing the Analysis of Verbal Behavior. JACK MICHAEL (Western Michigan University - Kalamazoo, MI)



## # 102

### Panel

### Discussion

10:30 AM - 11:50 AM

Yerba Buena Ballroom

(Salon 5)

EDC

## Implementing Educational Excellence

Chair: Jim Cowardin (Mastery Systems - Columbus, OH)

### Panelists:

- THADDEUS LOTT (Mabel B. Wesley Elementary School, Houston, TX)
- LINDA GIBSON-TYSON (Arlington Park Elementary School - Columbus, OH)
- PAT LOVE (Wogaman Elementary School - Dayton, OH)



## # 103

### Panel

### Discussion

10:30 AM - 11:50 AM

Yerba Buena Ballroom

(Salon 4)

PRM

## Performance Results at an Outsourced Phone Center

Chair: William K. Redmon (The Continuous Learning Group, Inc. - Coraopolis, PA)

### Panelists:

- MAUREEN CALLAHAN (United Parcel Service - Atlanta, GA)
- JULIE M. SMITH (The Continuous Learning Group, Inc. - Morgantown, WV)
- MICHAEL FLODIN (The Continuous Learning Group, Inc. - Jacksonville, FL)



## # 104

### Symposium

10:30 AM - 11:50 AM

Yerba Buena Ballroom

(Salon 3)

DEV

## **Prompting the Transfer of Control from Experimenter to Self in Individuals with Developmental Disabilities**

Chair: Stephanie E. Steed (University of Kansas - Lawrence, KS)

Discussant: Ronald C. Martella (Eastern Washington University - Cheney, WA)

- Independence in People with Developmental Disabilities: What is it and How Do We Get There? JANE MAILMAN SOSLAND (University of Kansas - Lawrence, KS)
- Using Audio Prompts as a Self-Management Strategy. TERESA A. GROSSI (University of Toledo - Toledo, OH)
- Using Pictures, Tapes, and Verbal Prompts to Transfer Control from Experimenter to Participant: A Move Toward Problem-Solving. STEPHANIE E. STEED (University of Kansas - Lawrence, KS), John R. Lutzker (University of Judaism, California), Irene Grote, Donald M. Baer (University of Kansas - Lawrence, KS)

## # 105

### Symposium

10:30 AM - 11:50 AM

Yerba Buena Ballroom

(Salon 2)

EAB

## **Experimental Analyses of Individual Behavior Under Group Contingencies**

Chair: Richard K. Fleming (Auburn University - Auburn, AL)

Discussant: William Buskist (Auburn University - Auburn, AL)

- The Effects of Team Coordination Feedback on Team Member Performance. JULIANNE R. OLIVER, RICHARD K. FLEMING (Auburn University - Auburn, AL)
- Experimental Analysis of Human Behavior in a Commons Dilemma. WILLIAM BUSKIST, Daniel E. England (Auburn University - Auburn, AL)
- Human Cooperative Responding: Laboratory Studies of Social and Drug Effects. RALPH SPIGA, James D. Day II, Hope Caperton-Brown (University of Houston and Houston Health Science Center - Houston, TX)



## # 106

### Panel

### Discussion

10:30 AM - 12:20 PM

Yerba Buena Ballroom

(Salon 10)

TPC

## **Caveat Emptor: Self Efficacy and Related Verbal Behavior as Predictors of Performance in Organizations**

Chair: Jim Eubanks (Central Washington University - Ellensburg, WA)

Panelists:

- THOMAS S. CRITCHFIELD (Auburn University - Auburn, AL)





- BILL L. HOPKINS (Auburn University - Auburn, AL)
- KENNETH A. LLOYD (Central Washington University - Ellensburg, WA)
- THOMAS C. MAWHINNEY (University of Detroit - Detroit, MI)

#### # 107

##### Panel

##### Discussion

10:30 AM - 12:20 PM

Yerba Buena Ballroom

(Salon 12)

EDC

#### **Teaching Behavior Analysis Through Concept Programming: A Critique of Keith Miller's Principles of Everyday Behavior Analysis**

Chair: Robert F. Peterson (University of Nevada - Reno, NV)

Panelists:

- JIM KOPP (University of Texas - Arlington, TX)
- WILLIAM BENEKE (Lincoln University)
- DAVID SCHMIDT (University of Washington)
- KEITH MILLER (University of Kansas)

#### # 108

##### Symposium

10:30 AM - 11:50 AM

Yerba Buena Ballroom

(Salon 14)

DDA

#### **Innovations In Providing Educational and Leisure Supports for People Who Have Severe Disabilities**

Chair: Dennis H. Reid (Louisiana State University Medical Center)

Discussant: Dennis H. Reid (Louisiana State University Medical Center)

- Multiple (Non)Effects of Training Teachers to Improve the Data Recording of Teacher Aides. JOYCE McCARN JENSEN (Dogwood School), Marsha Parsons (Carolina Behavior Analysis), Dennis Reid (Support Center, Ltd.)
- A Comparison of Classroom Procedures for Increasing Happiness Among Students with Profound Multiple Disabilities. CAROLYN W. GREEN (Rosewood School), Shirley Gardner, Dennis Reid (Louisiana State University Medical Center)
- Increasing Leisure Choice Opportunities Among Older Adults Who Have Severe Disabilities. MARSHA B. PARSONS (Carolina Behavior Analysis and Support Center Ltd.), Joyce McCarn Jensen (Dogwood School), Vicki Harper, Dennis Reid (Carolina Behavior Analysis and Support Center Ltd.)

**# 109****Paper Session****International****10:30 AM - 12:20 PM****Yerba Buena Ballroom****(Salon 15)****CBM****Treatment of Difficult Behavioral Problems I: Methods and Issues****Chair: Jennifer L. Hyman (Florida International University - Miami, FL)**

- **Biobehavioral Assessment and Treatment of Essential Tremor and Related Disabilities in Older Adults.** DUANE A. LUNDERVOLD (Boone Co. Hospital - Boone, IA), Roger Poppen (Southern Illinois University - Carbondale, IL)
- **A Better Sandman? Effectiveness and Acceptability of Innovative Treatments for Infant Sleep Disturbance.** NEVILLE M. BLAMPIED, Karyn G. France (University of Canterbury - Christchurch, New Zealand)
- **The Effects of Sensory Processing on the Maladaptive Behaviors of Adults Who Have Severe Developmental Disabilities: A Pilot Study.** KRYSTI DEZONIA (T.E.R.I. Inc. - Oceanside, CA), Betsy Slavik (Childrens Hospital - San Diego, CA), Susan Parham, David Tenny (T.E.R.I. Inc. - Oceanside, CA)
- **Native American Children with Fetal Alcohol Syndrome: A Manual for Behavioral Classroom Interventions.** BETTY FRY WILLIAMS, Vikki F. Howard, Ramond Reyes, T. F. McLaughlin (Gonzaga University - Spokane, WA)

**# 110****Symposium****10:30 AM - 11:50 AM****Nob Hill B****EDC****Teaching Behavior Analysis: Should We Have Graduate Programs in Behavior Analysis?****Chair: Howard Farris (Western Michigan University - Kalamazoo, MI)**

- **Applied Behavior Analysis Is Not a Profession: Let's Be Sure Our Students Acquire the Repertoires and Credentials Necessary to Work in One.** WILLIAM L. HEWARD (Ohio State University)
- **Shared Clinical Behavior Analysts Leave Mainstream Psychology Departments.** EDELGARD WULFERT (State University of New York at Albany - Albany, NY)
- **Graduate Programs in Behavior Analysis? Only if Survival is Important.** SIGRID S. GLENN (University of North Texas, Denton, TX)
- **An Academic Home for a Natural Science.** L. E. FRALEY (West Virginia University - Morgantown, WV)



**# 111**

**Symposium**

**10:30 AM - 11:50 AM**

**Pacific (Suite H)**

**DDA**

# **Addressing Social and Communication Skill Deficits in Young Students With Autism and Developmental Delays**

**Chair:** Todd A. Harris (Delaware Autistic Program)

**Discussant:** Gina Green (The New England Center for Autism)

- **PECS with Peers: Increasing Social Interactions in an Integrated Preschool Classroom.** ANN N. GARFINKLE, Ilene Schwartz (University of Washington)
- **The Use of Functional Assessment and Analysis To Accelerate Social Communication Targets of Prechool Age Children with Severe Multiple Disabilites at Home and School.** MARK J. LARSON, Felix Billingsley (University of Washington)
- **Improving Picture Symbol Discrimination Skills Within PECS Through the Use of Three-Dimensional Objects and Fading: A Case Study.** LORI FROST (Pyramid Educational Consultants, Inc.), Dawn Scholefield (Vorhees Township Public Schools)
- **Comparing the Effects of Three Communication Strategies upon Spontaneous Requesting of Preschoolers with Autism.** ANNE K. OVERCASH, Andrew S. Bondy, Todd A. Harris (Delaware Autistic Program)



**# 112**

**Symposium**

**10:30 AM - 11:50 AM**

**Pacific (Suite J)**

**CBM**

# **Second Symposium on Clinical Service as Science: Use of Data for Monitoring and Decision-Making**

**Chairs:** Judith R. Mathews (Meyer Rehabilitation Institute and University of Nebraska Medical Center - Omaha, NE), Robert P. Hawkins (West Virginia University - Morgantown, WV)

**Discussant:** William J. Warzak (Meyer Rehabilitation Institute and University of Nebraska Medical Center - Omaha, NE)

- **If You're Not Doing Research, Why Get Data? Effectiveness and Accountability in Clinical Service.** ROBERT P. HAWKINS (West Virginia University - Morgantown, WV)
- **Using a Data-Based Intervention Approach to Treat Oppositional Defiant Disorder.** KURT A. FREEMAN, LINDA BEELER, CHERYL MCNEIL (West Virginia University - Morgantown, WV)
- **Parent-Child Interaction Therapy: A Case Study.** ALISA B. BAHL, SCOTT A. SPAULDING, CHERYL MCNEIL (West Virginia University - Morgantown, WV)

- Using Data to Guide the Behavioral Treatment of Panic Disorder. SCOTT A. SPAULDING, CARRIE L. MASIA, DANIEL W. MCNEIL (West Virginia University - Morgantown, WV)
- Dyspraxia vs. Language Delay: Assessment of Noncompliance During Speech Therapy. JUDITH R. MATHEWS, PAUL LAIKKO (Meyer Rehabilitation Institute and University of Nebraska Medical Center - Omaha, NE), JENNIFER L. MINER (Weld Mental Health Clinic - Greeley, CO)
- Data-Based Decision-Making in Community Behavioral Health Centers: Is it Happening? CYNTHIA M. ANDERSON, ROBERT P. HAWKINS (West Virginia University - Morgantown, WV)



### # 113

### Cross-Cultural Contingencies

Panel  
Discussion

Chair: Haydee Toro (State of Florida Department of Health & Rehabilitative Services - Ft. Lauderdale, FL)

11:00 AM - 11:50 AM  
Yerba Buena Ballroom  
(Salon 11)  
ELS

Panelists:

- DENISE BARTIZAL (State Florida Department of Health & Rehabilitative Services - Ft. Lauderdale, FL)
- LAURA LEE (Certified Behavior Analysts - Sanford, FL)

### # 114

### Rules and Verbal Behavior in Clinical Therapy

Paper Session  
11:00 AM - 11:50 AM  
Pacific (Suite A)  
CBM

Chair: Carlos G. Finlay (Florida International University - Miami, FL)

- Rule-Governed Behavior in Outpatient Family Counseling. DAVID A. COLEMAN, Jr., Aurther Keith (Center for Children's Services - Danville, IL)
- Clinical Behavior Analysis Then and Now. MICHAEL KULLMAN (Spectrum Center - Benicia, CA)



### # 115

### Drug Abuse

Paper Session  
11:00 AM - 12:20 PM  
Pacific (Suite B)  
TOX

Chair: Robyn Walser (University of Nevada - Reno, NV)

- Role of Reinforcement Schedules in Contingency-Management Procedures for Treating Substance Abuse. JOHN M. ROLL, Stephen T. Higgins, Donna S. August, Mark B. McGinley (University of Vermont - Burlington, VT)

- A Location-Preference Model of Cocaine Craving. RICHARD W. FOLTIN, SUZETTE M. EVANS (The New York State Psychiatric Institute - New York, NY)
- "Craving" Cognitions, Intermittent Reinforcement, and Relapse in Addictive and Compulsive Behaviors. RICHARD F. RAKOS (Cleveland State University - Cleveland, OH)

**# 116 Generalization of Emergent Relations and Equivalence Class Formation: Different Perspectives**

Symposium

12:00 PM - 1:20 PM

Yerba Buena Ballroom

(Salon 2)

EAB

Chair: Lanny Fields (The College of Staten Island/CUNY - Staten Island, NY)

Discussant: Edelgard Wulfert (State University of New York - Albany, NY)

- The Generalization of Untrained Auditory Stimuli in Cross-Modal Equivalence Classes. SCOTT D. LANE, Andrew Innis, Thomas S. Critchfield (Auburn University - Auburn, AL)
- Effects of Pretraining on Stimulus Interchangeability in Generalization Tests of Equivalence. BARBARA J. ADAMS (Queens College/CUNY - NY), Lanny Fields (The College of Staten Island/CUNY - NY)
- Equivalence Class Formation Using a Stimulus Pairing/Yes-No Procedure. KENNETH F. REEVE (Queens College/CUNY - NY), Lanny Fields (The College of Staten Island/CUNY - NY), Antonios Varelas, Devorah Rosen, and James Belanich, Sharon Hobbie (Queens College/CUNY - NY)
- Remediation of Transitivity Failures Using Multiple-Exemplar Training. DEVORAH ROSEN (Queens College/CUNY - NY), Lanny Fields (The College of Staten Island/CUNY - NY), Kenneth F. Reeve, Antonios Varelas, Sharon Hobbie (Queens College/CUNY - NY)



**# 117 Lab Lore in Basic Research**

Panel

Discussion

12:00 PM - 1:20 PM

Yerba Buena Ballroom

(Salon 13)

EAB

Chair: Barbara A. Wanchisen (Baldwin-Wallace College)

Panelists:

- MICHAEL DAVISON (University of Auckland)
- MARK GALIZIO (University of North Carolina - Wilmington, NC)
- JOHN A. NEVIN (University of New Hampshire)

- RICHARD L. SHULL (University of North Carolina - Greensboro, NC)
- PHILIP N. HINELINE (Temple University)



### # 118

#### Paper Session

12:00 PM - 12:50 PM

Yerba Buena Ballroom  
(Salon 14)

### DSM-IV and Behavioral Assessment

Chair: Jerry Gallindo (Florida International University - Miami, FL)

- A Functional Approach to Understanding Psychiatric Diagnoses: An Analysis of Attention Deficit Hyperactivity Disorder (ADHD). SCOTT H. KOLLINS (Auburn University - Auburn, AL)
- Alleging Mood Disorders as a Rationale for Controlling Behavioral Outbursts in Persons with Developmental Disabilities. PATRICIA S. MCGUIRE, Don R. Thomas (Lincoln Developmental Center - Lincoln, IL)

### # 119

#### Symposium

12:00 PM - 1:50 PM

Nob Hill A

TPC

### Post-Positivism and Behavior Analysis: Four Book Reviews

Chair: Edward K. Morris ( University of Kansas - Lawrence, KS)

- Evolutionary Epistemology: Review of Peter Munz's Our Knowledge of the Growth of Knowledge: Popper or Wittgenstein? WILLIAM O'DONOHUE (University of Nevada - Reno, NV)
- The Social Context of Science: A Review of Steven Woolgar's Science: The Very Idea. MARTHA PELAEZ-NOGUERAS (Florida International University - Miami, FL)
- Pragmatism and Science: A Review of Richard Rorty's Objectivity, Relativism, and Truth. SAM LEIGLAND (Gonzaga University- Spokane, WA)
- The Feminist Critique: A Review of Mary McCanney Gergin's Feminist Thought and the Structure of Knowledge. MARIA R. RUIZ (Rollins College - Winter Park, FL)



### # 120

#### Symposium

12:00 PM - 1:50 PM

Nob Hill B

DDA

### Interventions for Decreasing Non-Socially Mediated Problem Behaviors

Chair: Jennifer J. McComas (University of Pennsylvania Center for Health Sciences - Philadelphia, PA)

Discussant: Timothy R. Vollmer (Louisiana State University - Baton Rouge, LA)

- The Systematic Reduction of Severe Pica: Exchanging String for Candy. BRIDGET A. TAYLOR, Amy Boyajian (Alpine Learning Group and Children's Seashore House)
- Analog to Evaluation of Environmental Enrichment as a Treatment for Stereotypy and Self-Injurious Behavior. JOEL E. RINGDAHL, Timothy R. Vollmer, Bethany A. Marcus, Henry S. Roane (Louisiana State University - Baton Rouge, LA)
- Effects of Multiple Extinction Procedures on Non-Socially Mediated Behavior. JENNIFER M. ASMUS, David P. Wacker, Linda J. Cooper, Jay Harding, Wendy Berg, Marc Andelman (The University of Iowa)
- Brief Assessment of Aberrant Behavior Maintained by Automatic Reinforcement in an Outpatient Clinic. KIMBERLY BROWN, David P. Wacker (The University of Iowa)



#### # 121A

Paper Session

International

12:00 PM - 12:50 PM

Pacific (Suite I)

EAB

#### **Operant Behavior in Domestic Hens: Some Findings from New Zealand**

Chair: Lewis A. Bizo (Arizona State University - Tempe, AZ)

- The Assessment of Domestic Hens' Demand for Food Using Different Response Requirements: The Effects of Response Type, Number and Effort. CATHERINE E. SUMPTER, Mary Foster, W. Temple (University of Waikato - Hamilton, New Zealand)
- Animal Welfare: The Use of Operant Methods to Assess the Aversiveness of Stimuli. TINA M. MCADIE, T. M. Foster, W. Temple (University of Waikato - Hamilton, New Zealand)



#### # 121B

Symposium

12:00 PM - 1:50 PM

Pacific (Suite J)

CBM

#### **Project SafeCare: An Ecobehavioral Approach to Treatment and Research in Child Abuse and Neglect**

Chair: John R. Lutzker (University of Judaism - Los Angeles, CA)

Discussant: Eileen Gambrill (University of California - Berkeley, CA)

- Examining the Most Effective Service Delivery Systems. JOHN R. LUTZKER (University of Judaism - Los Angeles, CA), RONALD M. DOCTOR (California State University - Northridge, CA)

- Direct and Indirect Assessments Within a Large Ecobehavioral Model. KATHRYN M. BIGELOW (University of Kansas), John R. Lutzker (University of Judaism - Los Angeles, CA)
- The Use of Video in Reducing Safety Hazards in Homes. JOHN R. LUTZKER, Uri Mandel (University of Judaism - Los Angeles, CA)
- Training Caseworkers to Deliver Ecobehavioral Services. KATHRYN M. BIGELOW (University of Kansas), John R. Lutzker (University of Judaism - Los Angeles, CA)
- Is Timeout Necessary in Parent Training with High-Risk and Child Abuse Families? JACQUELINE MINK (University of California - Riverside, CA), John R. Lutzker (University of Judaism - Los Angeles, CA), Kathryn M. Bigelow (University of Kansas)



#### # 122A

Panel  
Discussion

1:00 PM - 2:50 PM

Yerba Buena Ballroom  
(Salon 8)

DEV

#### Conversation: Issues in Behavior Development

Chair: Slobodan B. Petrovich (University of Maryland - Catonsville, MD)

Panelists:

- A. CHARLES CATANIA (University of Maryland - Columbia, MD)
- JACOB L. GEWIRTZ (Florida International University - Miami, FL)
- GARY NOVAK (California State University, Stanislaus - Turlock, CA)

#### # 122B

Panel Discussion

1:00 PM - 2:20 PM

Yerba Buena Ballroom  
(Salon 6)

EDC

#### Using SAFMEDS to Enhance Fluency

Chair: Stephen Graf (Youngstown State University - Poland, OH)

Panelists:

- DEANA ZABALDO (University of Florida - Gainesville, FL)
- LINDA ROSS (West Virginia University/Morningside Academy - Seattle, WA)
- JOHN LUBY (University of North Texas - Dallas, TX)





### # 123

Symposium

1:00 PM - 2:20 PM

Yerba Buena Ballroom

(Salon 5)

EDC

### Shaping the Future of Behavior Analysis

Chairs: Debra W. Fredricks and Linda J. Hayes (University of Nevada - Reno, NV)

Discussant: Richard W. Malott (Western Michigan University - Kalamazoo, MI)

- Advanced Placement of High School Students in Behavior Analysis. RUTH ANNE REHFELDT, Linda J. Hayes (University of Nevada - Reno, NV)
- Facilitating Admissions to Graduate Training Programs in Behavior Analysis. RAMONA HOUMANFAR, Linda J. Hayes (University of Nevada - Reno, NV)
- Expanding the Educational Opportunities of Graduate Students in Behavior Analysis. MARK DIXON, Linda J. Hayes (University of Nevada - Reno, NV)
- Graduate Training Opportunities Project Report. DUANE LORD, Debra Fredricks, Linda J. Hayes (University of Nevada - Reno, NV)



### # 124

Symposium

1:00 PM - 2:50 PM

Yerba Buena Ballroom

(Salon 4)

PRM

### Some More Attacks on Icons of Organizational Behavior

Chair: Kevin Norr (Auburn University - Auburn, AL)

Discussant: Bill L. Hopkins (Auburn University - Auburn, AL)

- Goal Setting Isn't Much Without Reinforcement. BRIAN L. COLE, Bill L. Hopkins (Auburn University - Auburn, AL)
- Some Reasons the Workers Don't Do What We Tell Them to Do. TRACY A. THURKOW, Bill L. Hopkins (Auburn University - Auburn, AL)
- How Both Positive and Negative Feedback can be Reinforcing. RAQUEL M. BORDAS, Bill L. Hopkins (Auburn University - Auburn, AL)
- More on "Feedback Isn't a Fundamental Variable". TRACY A. THURKOW, Bill L. Hopkins (Auburn University - Auburn, AL)



### # 125

Symposium

1:00 PM - 2:20 PM

Yerba Buena Ballroom

(Salon 3)

DEV

### Risk and Protective Factors in an Applied Behavior Analysis of Child Development: Some Examples from the Early Childhood Research Institute on Substance Abuse

Chair: Scott R. McConnell (University of Minnesota - Minneapolis, MN)

Discussant: Charles R. Greenwood (University of Kansas - Kansas City, KS)

- An Ecobehavioral System for Describing the Behavior of Young Children: The Code for Interactive Recording of Caregiving and Learning Environments. JANE ATWATER, Debra Montagna (University of Kansas), Christina Sheran (University of Minnesota), Rosanne Williams (University of South Dakota)
- Identifying Risk and Protective Factors in a Longitudinal, Behavior-Analytic Investigation of Child Development. JUDITH CARTA, Charles R. Greenwood (University of Kansas)
- Integrating Descriptive and Experimental Analyses: Using Ecobehavioral Data of Risk and Protective Factors to Develop Intervention Procedures. SCOTT R. McCONNELL, Mary McEvoy, Karen Rush, Christina Sheran (University of Minnesota)



**# 126**

Invited

Panel Discussion

1:00 PM - 2:50 PM

Yerba Buena Ballroom

(Salon 1)

PRM

### **The Tom Gilbert I Knew: A Memorial to Thomas F. Gilbert**

Chair: Richard M. O'Brien (Hofstra University - Hempstead, NY)

Panelists:

- MARILYN GILBERT (Performance Engineering Group - Hampton, NJ)
- OGDEN R. LINDSLEY (University of Kansas/Behavioral Research Co. - Lawrence, KS)
- DALE BRETHOWER (Western Michigan University - Kalamazoo, MI)
- JOHN McKEE (Institute for Social & Educational Research - Tuscaloosa, AL)
- DONALD A. COOK (Cambridge Center for Behavioral Studies - Jamaica Plain, MA)



**# 127**

Symposium

International

1:00 PM - 2:20 PM

Yerba Buena Ballroom

(Salon 10)

TPC

### **Future Directions for Behavior Analysis Around the World - I: Latin America and the Far East**

Chair: Peter Harzem (Auburn University - Auburn, AL)

Discussant: Emilio Ribes-Inesta (University of Guadalajara - Mexico)

- Future Directions for Behavior Analysis in Mexico. CARLOS A. BRUNER (National University of Mexico and University of Guadalajara - Mexico)

- Analysis of Inter- and Intra-Specific Uniqueness. MASAYA SATO (Kyoto University - Japan)
- New Contingencies and New Behavior Analysis in Brazil. MARIA AMELIA MATOS (University of Sao Paulo - Brazil)

### **# 128 Update on Experimental Analysis Laboratory Courses**

Symposium  
1:00 PM - 2:20 PM  
Yerba Buena Ballroom  
(Salon 12)  
EDC

Chair: Hilary Jo Karp (University of Houston, Clear Lake - Houston, TX)

Discussant: Gordon Bourland (Dallas County MHMR Services - Dallas, TX)

- A Brief Survey of Current EAB Laboratory Course Practices and Some Notes on Inexpensive Replacement Equipment. JAMES KOPP (University of Texas - Arlington, TX)
- An Evaluation of Computerization of an Established Rat Laboratory. HILARY JO KARP (University of Houston, Clear Lake - Houston, TX)



### **# 129A**

Paper Session  
International

1:00 PM - 2:20 PM  
Yerba Buena Ballroom  
(Salon 14)  
DDA

### **Teaching Communication Skills**

Chair: Andrea J. Haas (Florida International University - Miami, FL)

- Acquisition of Writing in Chimpanzees. IVER H. IVERSEN (University of North Florida - Jacksonville, FL)
- Comparing a Sign Plus Vocal Procedure and a Vocal Only Procedure to Teach Preschoolers with Developmental Disabilities Vocal Verbal Behavior. KIMBERLY P. WEBER (Florida International University - Miami, FL), Ralph Gardner III, Gary D. Jacobs (Ohio State University - Columbus, OH)
- Focus on Communication: Cross-Cultural Validation Between the United States and Norway. WILLY-TORE MORCH (University of Tromso - Tromso, Norway), JEANNIE GOLDEN (East Carolina University - Greenville, N.C.)



### **# 129B**

Symposium

1:00 PM - 2:50 PM  
Yerba Buena Ballroom  
(Salon 15)  
PRM

### **Systems Analysis: Learning Through Practice**

Chair: Carl M. Johnson (Central Michigan University)

Discussant: Maria E. Malott (Malott & Associates - Kalamazoo, MI)

- Performance Analysis and Engineering: Applied Technology. PHILLIP K. DUNCAN (West Chester University)

- Performance Analysis in a Corporate Graphics Department. LORI GITTLEMAN (West Chester University)
- Performance Analysis in an Automobile Dealership. SANAE HORI (West Chester University)
- Advanced Systems Analysis: A Learning Experience. ALYCE M. DICKINSON (Western Michigan University - Kalamazoo, MI)
- The Benefits of Systems Analysis: Solving Performance Problems in a University Benefits Office. D. A. SMOOT and BARBARA BUCKLIN (Western Michigan University - Kalamazoo, MI)
- Enhancing Recruitment and Selection in a University Office of Employee Services: A Client Perspective. JANICE E. BROWN and MATTHEW L. MILLER (Western Michigan University - Kalamazoo, MI)



**# 130**

**Symposium**

1:00 PM - 2:50 PM  
Nob Hill C & D  
EAB

**Cross-Fertilization of Basic and Applied Research on Choice and Matching**

Chair: Patrick R. Progar (Children's Seashore House)  
Discussant: Jay Moore (University of Wisconsin - Milwaukee)

- Patterns of Choice that are Resistant to Change. PAUL NEUMAN, Philip N. Hineline (Temple University - Philadelphia, PA)
- Preference: Local Delays or Historical Preferences? DOUGLAS P. FIELD, Philip N. Hineline (Temple University - Philadelphia, PA)
- Choice and Transition States. PATRICK R. PROGAR, Flavia M. Ploog, Beth A. Delaney, Emily Ballard (Children's Seashore House)
- Effectiveness of Interventions Informed by Brief Assessment of Influential Dimensions of Reinforcers on Classroom Behavior of Children with Behavior Difficulties. NANCY A. NEEF, MEGAN NOONE (University of Pennsylvania - Philadelphia, PA)



**# 131**

**Symposium**

1:00 PM - 2:20 PM  
Pacific (Suite A)  
CBM

**Time-Out: Improving Implementation in the Clinic and the Classroom**

Chair: Keith D. Allen (Meyer Rehabilitation Institute and University of Nebraska Medical Center - Omaha, NE)  
Discussant: Judy Mathews (Meyer Rehabilitation Institute and University of Nebraska Medical Center - Omaha, NE)

- The Effects of Training Time-Out Using the Behavior Management Flow Chart on the Behavior of Parents and Their Oppositional ADHD Children. JEFFREY S. DANFORTH (Eastern Connecticut State University - Willimantic, CT)
- A Pictorial Protocol for Teaching Time-Out: Preliminary Results. TIM R. RILEY (University of Nebraska - Lincoln, NE)
- When to Initiate Time-Out: An Examination of Temporal Parameters of Compliance Training. MARK D. SHRIVER, Keith D. Allen (Meyer Rehabilitation Institute and University of Nebraska Medical Center - Omaha, NE)
- The Time-Out Grid: A Guide to Implementation of Time-Out in the Classroom. KEITH D. ALLEN, Mark D. Shriver (Meyer Rehabilitation Institute and University of Nebraska Medical Center - Omaha, NE)



**# 132**

**Symposium**

**1:00 PM - 2:20 PM**

**Pacific (Suite H)**

**DDA**

### **Enhancing Communication Skills for Children with Autism**

**Chair:** Patricia J. Krantz (Princeton Child Development Institute - Princeton, NJ)

**Discussant:** Sandra L. Harris (Rutgers, The State University of New Jersey - Piscataway, NJ)

- Procedures for Teaching Appropriate Gestural Communication Skills to Children with Autism. DAWN M. BUFFINGTON (Queens College and the Graduate School of the City University of New York and Princeton Child Development Institute), Claire L. Poulson (Queens College and the Graduate School of the City University of New York), Patricia J. Krantz (Princeton Child Development Institute), Lynn E. McClannahan (Princeton Child Development Institute)
- The Effectiveness of Prompting Using Graduated Time-Delay and Reinforcement Procedures on Teaching Social-Initiation Statements to Children with Autism. EVIE A. DJOULIA (Queens College of the City University of New York and Alpine Learning Group), Daphna El-Roy (Queens College and the Graduate School of the City University of New York), Effie Kymissis (Alpine Learning Group), Claire Poulson (Queens College and the Graduate School of the City University of New York), Angeliki Gena (Queens College and the Graduate School of the City University of New York and Alpine Learning Group)

- Extending Conversations among Adolescent Peers with Autism. NICHOLAS KYPARISSOS (Queens College and the Graduate School of the City University of New York), Patricia J. Krantz, Lynn E. McClannahan (Princeton Child Development), Claire L. Poulson (Queens College and the Graduate School of the City University of New York)

### **# 133 Variable Affecting Delayed Matching-to-Sample Performance in People and Pigeons**

Paper Session  
International  
1:00 PM - 1:50 PM  
Pacific (Suite I)  
EAB

Chair: Josey Chu (Arizona State University - Tempe, AZ)

- Is the Rate of Decrease of Response Independent of Initial Discriminability in a DMTS Task? C. J. WERNHAM, J. S. McEwan, T. M. Foster, W. Temple (The University of Waikato - Hamilton, New Zealand)
- Sample-Specific and Average Effects of Manipulating Sample Duration in a Delayed Matching-to-Sample Task in Pigeons. JOSEF A. HARTL, Deirdra Dougherty, John Wixted (University of California - San Diego, CA)



### **# 134 Behavioral Momentum: Theory and Application**

Panel  
Discussion  
1:30 PM - 2:50 PM  
Yerba Buena Ballroom  
(Salon 13)  
EAB

Chair: John A. Nevin (University of New Hampshire - Vineyard Haven, MA)

Panelists:

- JOHN A. NEVIN (University of New Hampshire - Vineyard Haven, MA)
- F. CHARLES MACE (University of Pennsylvania - Philadelphia, PA)



### **# 135 A Train-the-Trainer Process for a Large-Scale Rollout**

Panel  
Discussion  
2:00 PM - 3:20 PM  
Yerba Buena Ballroom  
(Salon 2)  
PRM

Chair: Leslie A. Wilk (The Continuous Learning Group, Inc. - Coraopolis, PA)

Panelists:

- LINDA HUNLEY (United Parcel Service - Atlanta, GA)
- THOMAS J. SPENCER (The Continuous Learning Group, Inc. - Morgantown, WV)
- JULIE M. SMITH (The Continuous Learning Group, Inc. - Morgantown, WV)

**# 136**

Symposium

2:00 PM - 3:50 PM

Yerba Buena Ballroom

(Salon 11)

ELS

**Science, Behavior, and Social Issues**

Chair: Mark A. Mattaini (Columbia University School of Social Work - New York, NY)

Discussant: Anthony Biglan (Oregon Research Institute - Eugene, OR)

- Housing for the Elderly: Some Models that Offer Hope. DEBORAH ALTUS, R. Mark Mathews (University of Kansas Gerontology Center - Lawrence, KS)
- Social Coercion and Parenting. EDNA BROWN, Jennifer Kahn (Fred S. Keller School - Yonkers, NY), R. Mark Mathews (University of Kansas Gerontology Center - Lawrence, KS)
- Welfare that Works. MARK A. MATTAINI (Columbia University School of Social Work - New York, NY)
- Digitizing Walden Two: A Progress Report by the dw2 Office of Information. RICHARD D. WEISSMAN (American University - Washington, D.C.), ARNIE KUNIAN (University of Minnesota - Minneapolis, MN)

**# 137**

SQAB

Invited Tutorial I

2:00 PM - 2:50 PM

Pacific (Suite I)

**From Basics to Contemporary Paradigms: Timing**

Chair: Kennon A. Lattal (West Virginia University - Morgantown, WV)

Presenter: PETER KILLEEN (Arizona State University - Atlanta, GA)

**# 138**

Symposium

2:00 PM - 3:20 PM

Pacific (Suite J)

CBM

**Self-Experimentation, Self-Control, Clinical Issues, and a Technology of Generalization**

Chair: Gretchen Huber (University of Kansas - Lawrence, KS)

- Self-Experimentation and Self-Control Methods and Issues. ALLEN NEURINGER (Reed College - Portland, OR)
- Unexpected Links Between Sleep, Food, Television, and Depression. SETH ROBERTS (University of California - Berkeley, CA)
- After Me the Deluge: The Self After the Teacher Has Left. IRENE GROTE, Donald M. Baer (University of Kansas - Lawrence, KS)



**# 139**  
Symposium  
International  
2:30 PM - 3:50 PM  
Yerba Buena Ballroom  
(Salon 6)  
TPC

**Future Directions for Behavior Analysis Around the World - II: Europe**

Chair: Christopher Newland (Auburn University - Auburn, AL)

Discussant: Emilio Ribes-Inesta (University of Guadalajara - Mexico)

- Behaviorism Beyond the Ocean: Some Reflections on the European Roots. NANNI PRESTI, PAOLO MODERATO (University of Miami - Italy)
- Social Needs, Academic Cultures, and Expectations from Behavior Analysis. PER HOLTH (University of Oslo - Norway)
- Estonian Culture: New Freedoms and New Psychology for the Future. PETER HARZEM (Auburn University - Auburn, AL)



**# 140**  
Symposium  
2:30 PM - 3:50 PM  
Yerba Buena Ballroom  
(Salon 3)  
EAB & DEV

**Single-Case Methods: Future Directions in Behavioral Research**

Chair: Noel Crooks (Florida International University -Miami, FL)

Discussant: Stephen A. Graf (Youngstown State University - Youngstown, OH)

- Single Case Methods in Dyadic Research. THOMAS C. MAWHINNEY (University of Detroit - Dearborn, MI)
- The Use of Single Case Methods: A Cumulative Frequency Analysis. SCOTT L. FRASER (Florida International University -Miami, FL)
- Tactics for Promoting Use of Single-Case Methods. MICHAEL R. MARKHAM (Florida International University -Miami, FL)



**# 141**  
Paper Session  
2:30 PM - 3:50 PM  
Yerba Buena Ballroom  
(Salon 10)  
VRB

**Verbal Behavior: Theoretical Analyses of Selected Topics**

Chair: Wendy E. Roth (Florida International University - Miami, FL)

- Chomsky in Retreat. TED SCHONEBERGER (California State University, Stanislaus - Turlock, CA)



- An Automatic Verbal Behavior Analysis of Certain New Age, Paranormal, Religious, and Psychotherapeutic Phenomena. GENAE HALL (Agnews Developmental Center - San Jose, CA)
- Social Contingencies and Verbal Communities in the Development of Mass Action Litigation. FRANCISCO I. PEREZ (Baylor College of Medicine / University of Texas Health Science Center School for Public Health - Houston, TX)

**# 142 Using Peer Coaching to Enhance the Instructional Expertise of Preservice and Inservice Teachers**

Symposium

2:30 PM - 3:50 PM

Yerba Buena Ballroom

(Salon 12)

EDC

Chair: Larry Maheady (College of Fredonia - Fredonia, NY)

Discussant: Frank Kohler (Allegheny-Singer Research Institute - Pittsburgh, PA)

- The Effects of Peer Coaching on Teachers' Ability to Enhance Kindergarten Students' Success in Partner Activities. MARIA QUINQUE, Frank Kohler, Helen Ezell (Allegheny-Singer Research Institute - Pittsburgh, PA)
- The Effects of Reciprocal Peer Coaching on Preservice General Educators' Instructional Practices with Pupils with Special Learning Needs. BARBARA MALLETT, Larry Maheady (College of Fredonia - Fredonia, NY)
- Critical Factors for Successful Peer Coaching in Preservice. CHARLES SALZBERG, Pamela Hudson (Utah State University - Logan, UT)

**# 143 Current and Future Trends in the Use of Functional Analysis Methodologies**

Symposium

2:30 PM - 3:50 PM

Yerba Buena Ballroom

(Salon 14)

DDA

Chair: Joseph R. Scotti (West Virginia University - Morgantown, WV)

Discussant: Dorothea Lerman (Kennedy Krieger Institute - Baltimore, MD)

- We Happy Few? Introductory Comments About the Status of Functional Analysis. JOSEPH R. SCOTTI, Karen L. Weigle (West Virginia University - Morgantown, WV), Glenda L. Vittimberga (Kennedy Krieger Institute and Johns Hopkins University School of Medicine)
- A Correlational Analysis of Functional Assessment Outcome and Demographic Characteristics for 150 Inpatients with Severe Behavior Problems. JENNIFER R. ZARCONE, Angela J. Fahs, Hoksien Koe (Kennedy Krieger Institute and Johns Hopkins University School of Medicine)



- Comparing Typical and "Structured" Descriptive Techniques with Experimental Analyses in Determining the Function of Excess Behavior. KURT A. FREEMAN, Cynthia M. Anderson, Masami Kojima, Joseph R. Scotti (West Virginia University - Morgantown, WV)
- Functionally-Derived Treatments: An Empirical Validation. CYNTHIA M. ANDERSON, Kurt A. Freeman, Kristen Mgleary, Joseph R. Scotti (West Virginia University - Morgantown, WV)



#### **# 144 Shaping the Future of Behavior Analysis**

Panel Chairs: Debra W. Fredricks and Linda J. Hayes (University of Nevada - Reno, NV)

Discussion  
2:30 PM - 3:50 PM  
Nob Hill B  
EDC

Panelists:

- RUTH ANN REHFELDT (University of Nevada - Reno, NV)
- RAMONA HOUMANFAR (University of Nevada - Reno, NV)
- MARK DIXON (University of Nevada - Reno, NV)
- DUANE LORD (University of Nevada - Reno, NV)
- RICHARD W. MALOTT (Western Michigan University - Kalamazoo, MI)

#### **# 145 Cognitive Behavioral and Transcranial Stimulation Treatment for Addicts: A New Frontier**

Symposium  
2:30 PM - 3:50 PM  
Pacific (Suite A)  
CBM

Chair: Sherman Yen (Alcohol and Drug Treatment, Inc. - Towson, MD)

Discussant: Gad Alon (University of Maryland School of Medicine)

- Treating Female Addicts: Cognitive Behavior and Transcranial Electrical Stimulation Approach: A Year After. SHERMAN YEN (Alcohol and Drug Treatment, Inc. - Towson, MD), MARK PEYROT (Loyola College - Baltimore, MD)
- The Efficacy of Transcranial Electrical Stimulation in Managing Behavioral and Cognitive Dysfunctions. GAD ALON (University of Maryland School of Medicine)
- Behavioral Methods and T.E.N.S. with Female Addicts: Some Procedural Consideration. NICOLE ANDREWS (A.W.A.R.E - Towson, MD)

**# 146**

Invited

Symposium

2:00 PM - 3:20 PM

Pacific (Suite H)

DDA

**Alternative Means of Enhancing Communication for Persons with Severe Disabilities**

Chair: Michael M. Behrmann (George Mason University - Fairfax, VA)

Discussant: Michael M. Behrmann (George Mason University - Fairfax, VA)

- Effects of Acquisition and Use of Voice Output Communication by Individuals with Profound Multiple Disabilities. MAUREEN M. SCHEPIS (Family, Infant, Preschool Program - Morganton, NC), Dennis H. Reid (Louisiana State University Medical Center - New Orleans, LA), and Michael M. Behrmann (George Mason University - Fairfax, VA)
- An Evaluation of Happiness Indices for Persons with Profound Multiple Disabilities. MARTIN IVANCIC, Gary Barrett (Western Carolina Center - Morganton, NC), Amy Simonow, and Abbey Kimberly (Western Michigan University - Kalamazoo, MI)
- An Evaluation of Voice Output Communication by Young Children with Autism in Naturally Occurring Routines. MAUREEN M. SCHEPIS (Family, Infant, Preschool Program - Morganton, NC), Dennis H. Reid (Louisiana State University Medical Center - New Orleans, LA), Michael M. Behrmann (George Mason University - Fairfax, VA), and Kelly A. Sutton (Western Carolina Center - Morganton, NC)

**# 147**

Panel Discussion

3:00 PM - 3:50 PM

Yerba Buena Ballroom  
(Salon 4)**Balancing Career and Family Responsibilities**

Chair: April D. Miller (University of Southern Mississippi - Hattiesburg, MS)

Panelists:

- DALE WALKER (University of Kansas and Juniper Gardens Children's Project - Kansas City, KS)
- DEBRA S. ANTRIM (University of Southern Mississippi - Hattiesburg, MS)

**# 148**

SQAB

Invited Tutorial II

3:00 PM - 3:50 PM

Pacific (Suite I)

**From Basics to Contemporary Paradigms: Matching**

Chair: Jack McDowell (Emory University - Atlanta, GA)

Presenter: HOWARD RACHLIN (State University of New York - Stony Brook, NY)



## **# 149 Behavior Management in the Zoo**

Special Event

4:00 PM - 5:00 PM

Yerba Buena Ballroom

(Salon 9)

Presidential Scholar Address

Chair: Richard M. Foxx (Pennsylvania State University - Middletown, PA)

Presenter: TERRY MAPLE (Zoo Atlanta - Atlanta, GA)

## **# 150 Developmental Disabilities; Autism**

Poster Session

5:00 PM - 6:30 PM

Golden Gate Hall

DDA

1. Utilization of Visual Prompts to Increase On-Task Behavior in a Supported Employment Environment. PATRICK W. MCCLOSKEY, Shannon Nichols, Scott W. Harrington (University of Nevada - Reno, NV)
2. Use of Differential Reinforcement of Communication as an Assessment Procedure for Attention-Maintained Behavior in an Outpatient Clinic. SEAN D. CASEY, David P. Wacker, Kimberly A. Brown, Lisa C. Winborn, Claudia Knutson (University of Iowa - Iowa City, IA)
3. A Case Study of the Environmental Assessment of Pseudo-Seizures via Experimental and Descriptive Procedures. ANGELA J. FAHS, K. Mark Derby, Wayne Fisher, Patricia Kurtz (The Kennedy Krieger Institute and the Johns Hopkins University School of Medicine - Baltimore, MD), Sheila M. Williamson (Northern Mississippi Regional Center - Oxford, MS)
4. Prevalence of Extinction Bursts in a Clinical Population. ANGELA J. FAHS, Jackie H. Nguyen, K. Mark Derby, Jennifer R. Zarcone (The Kennedy-Krieger Institute and The Johns Hopkins University School of Medicine - Baltimore, MD)
5. The Use of Interspersed Requests to Decrease Self-Injurious Behavior During Physical Therapy Exercises. MARC S. ANDELMAN, David P. Wacker, Jennifer M. Asmus, Sean D. Casey, Lisa Winborn, David M. Richman, Claudia Knutson (University of Iowa - Iowa City, IA)
6. The Effects of Choice and Preference During Concurrent Schedules. RACHEL THOMPSON, Wayne W. Fisher, Cathleen C. Piazza, Kim Crosland, Deidre Gotjen (The Kennedy Krieger Institute and the Johns Hopkins University School of Medicine - Baltimore, MD)

7. Comparing Equal and Unequal Reinforcer Durations Across Functional Analysis Analogue Conditions. DEBRA A. FARRELL, Lynn G. Bowman, Wayne W. Fisher, Cathleen C. Piazza, Christy L. Chiang, Arthur Wilke (The Kennedy-Krieger Institute and The Johns Hopkins University School of Medicine - Baltimore, MD)
8. A Comparison of Positive and Negative Reinforcement During Escape Intervals: Effects on Aberrant Behavior. DEBRA A. FARRELL, Lynn G. Bowman, Wayne W. Fisher, Cathleen C. Piazza, Michael Papa (The Kennedy-Krieger Institute and The Johns Hopkins University School of Medicine - Baltimore, MD)
9. Functional Analysis-Based Treatments and Alternative Reinforcers in the Treatment of Destructive Behavior in Persons with Mental Retardation. GREGORY P. HANLEY, Kristen Maglieri, John Adelinus, Lynn Bowman, Louis P. Hagopian, Cathleen C. Piazza, Wayne W. Fisher (The Kennedy-Krieger Institute and The Johns Hopkins University School of Medicine - Baltimore, MD)
10. Treatment of Severe Self-Injury with Mechanical Restraint Fading. GREGORY P. HANLEY, Cathleen C. Piazza, Wayne Fisher, Lynn Bowman (The Kennedy-Krieger Institute and The Johns Hopkins University School of Medicine - Baltimore, MD)
11. Item-by-Item Analysis of Interrater Agreement Using the Motivation Assessment Scale. RICHARD G. SMITH, Robert Churchill (University of North Texas - Denton, TX)
12. Assessment of Interrater Agreement Using the Motivation Assessment Scale. ROBERT CHURCHILL, Richard G. Smith (University of North Texas - Denton, TX)
13. Decreasing Persistent and Severe Self-Injury Using Contingent Tabasco Solution. VICTORIA S. SWEENEY, STACEY SHOOK, DAWN M. SMITH, Paul A. Nau, Julia S. O'Connor, Patricia Tilton (Bancroft, Inc. - Haddonfield, NJ)
14. A Function-Analytic Method for Assessing the Effects of Naltrexone on Self-Injurious Behavior. DAVID GARCIA, Richard G. Smith (University of North Texas - Denton, TX)

15. Comparison of Naturalistic and Analogue Analyses in Identifying Operant Functions of Behavior. JOHN ADELINUS, Cathleen C. Piazza, Wayne Fisher, Stephanie Contrucci (The Kennedy-Krieger Institute and The Johns Hopkins University School of Medicine - Baltimore, MD)
16. Discriminative Properties of Idiosyncratic Stimuli in the Assessment of Self-Injurious Behavior. JOHN ADELINUS, Gregory P. Hanley, Cathleen C. Piazza, Wayne W. Fisher (The Kennedy-Krieger Institute and The Johns Hopkins University School of Medicine - Baltimore, MD)
17. The Effects of Systematic Training and Differential Reinforcement on Increasing Appropriate Toy Play with Autistic Children. VICTORIA L. BLUETT-MURPHY, Jane Howard, Brenda Terzich (CSU, Stanislaus and Applied Behavior Consultants - Chico, CA)
18. The Functional Assessment of Autistic Symptoms. SCOTT HELSINGER, CHRISTINE IVANICK (ReMed's Program for Individuals with Autism - Conshohocken, PA), Todd Harris (Delaware Autistic Program - Newark, Delaware)
19. Efficacy of Naturalistic Social Skills Interventions for Children with Autism: How Much do Child Characteristics Play a Role? KAREN L PIERCE, Laura Schreibman (University of California - San Diego, CA)
20. Self Versus "Other" as a Model for the Treatment of Social Deficits in Autism. KAREN L. PIERCE, Michelle Sherer, Laura Schreibman, Kim Kisacky (University of California - San Diego, CA)
21. Identifying an Autistic Child's Ritualistic Behaviors as Potential Reinforcers Using a Stimulus Choice Assessment. DEIDRE GOTJEN, Jamie Owen, Lynn Bowman, Wayne Fisher, Patricia Kurtz, Jean Acquisto (The Kennedy-Krieger Institute and The Johns Hopkins University School of Medicine - Baltimore, MD)
22. Room Clear Out as a Time-Out Procedure to Reduce Severe Behaviors Among Physically Large Adolescents. NANCY GRACE, Wayne Fisher, Beth Rainville, Jackie Nguyen (The Kennedy-Krieger Institute and Johns Hopkins School of Medicine - Baltimore, MD)

23. Attitudes Towards Individuals with Mental Retardation:  
A Comparison Between Direct Care Staff, and Controls.  
JIM SPERRY, Frank Bird, Helena Carreiro, Nancy  
Connolly (May Institute, Inc. - Revere, MA)
24. A Comprehensive Systematic Toilet Training  
Assessment for Developmentally Disabled Children.  
LOUANNE HUNT, Naomi Swiezy, Daniel M. Krell,  
Cherry Blackwell (The Kennedy-Krieger Institute and The  
Johns Hopkins University School of Medicine - Baltimore,  
MD)
25. The Use of Contingent Demands in Avoidance  
Conditioning in Institutionalized Mentally Retarded  
Adults. DANIEL M. KRELL, Louanne Hunt, Naomi  
Swiezy, Cherry Blackwell (The Kennedy-Krieger Institute  
and The Johns Hopkins University School of Medicine -  
Baltimore, MD)
26. The Effects of Protective Equipment During Functional  
Assessment and Treatment of Severe Behavior Problems.  
JULIA T. O'CONNOR, Whitney Johnson, Trish Kurtz,  
Jennifer Zarcone, Wayne W. Fisher (The  
Kennedy-Krieger Institute and The Johns Hopkins  
University School of Medicine - Baltimore, MD)
27. Social Skills Assessment in Preschool Children with  
Autism. BETH GLASBERG, MARY JANE WEISS, JAN  
HANDLEMAN, SANDRA HARRIS (Douglass  
Developmental Disabilities Center, Rutgers University -  
Brunswick, NJ)
28. Effects of a Positive Reinforcement Procedure on the  
Rate of Incontinence in a Woman with Mental  
Retardation. KAREN ABBE, Helena Carreiro, Frank Bird  
(May Institute, Inc - Revere, MA.)
29. Integrating Psychiatric Rehab with the Behavioral  
Approach: Applications with Community-Based  
Consumers. FRANK BIRD, Jim Sperry, Helena Carreiro  
(May Institute, Inc. - Revere, MA)
30. Creating a Clinically Responsive Environment as a  
Means to Reduce Maladaptive Behaviors: Follow Up One  
Year Later. NANCY CONNOLLY, Jim Sperry, Kevin  
Brennan, Frank Bird (May Institute, Inc. - Revere, MA)
31. Assessing the Quality of Life of Community-Based  
Consumers. KELLIE WARD, Frank Bird, Helena  
Carreiro, Jim Sperry (May Institute, Inc. - Revere, MA)

32. Increasing the Social Behavior of Young Children with Autism Using Their Obsessions. MARY J. BAKER, Robert L. Koegel, Lynn Kern Koegel (University of California - Santa Barbara, CA)
33. Functional Re-Analysis: Assessing the Stability of the Function of Aberrant Behaviors. DINA MOCKUS, Dana Wales, Greg Shugar (Bancroft, Inc. - Haddonfield, NJ)
34. Positive Reinforcement and Minimal Physical Contact in the Treatment of Severe Noncompliance. DINA MOCKUS, Peter Quintieri, Zbigniew Golonka, Andrew Chekaski, Kevin Budney (Bancroft, Inc. - Haddonfield, NJ)
35. Treatment of Social-Communicative Behaviors in Children with Autism Through Functional Analysis of Response Classes. AYALA BEN-TALL (University of California - Santa Barbara, CA), William D. Frea (Vanderbilt University - Nashville, TN)
36. Improving Speech Intelligibility of Children with Severe Disabilities Using Naturalistic vs. Analog Treatment Methods. AYALA BEN-TALL, ANNETTE E. SMITH, Robert L. Koegel, Lynn Kern Koegel (University of California - Santa Barbara, CA)
37. Functional Communication in Treating Aberrant Behavior in Traumatic Brain Injury. NOLLAIG CARBERRY, David Tesch (Bancroft, Inc. - Haddonfield, NJ)
38. The Highly Preferred Stimulus Does Not a Reinforcer Make: The Importance of Concurrent Choice in Preference Assessments. SEAN CORIATY, Kim Treadwell, Greg Shugar, Dana Wales, Jo Raju (Bancroft, Inc. - Haddonfield, NJ)
39. Assessing Response Competition During Functional Communication Training: Using Extinction to Enhance Generalization. ERIK DRASGOW, JIM HALLE, Michaelene Ostrosky (University of Illinois - Champaign, IL)
40. The Effects of Methylamphetamine and Behavior Intervention to Improve the Behavior of a Child with Severe Mental Retardation and Attention Deficit Hyperactive Disorder. JILL J. WHITMAN, Christina Elliot (Children's Seashore House - Philadelphia, PA), Nathan Blum, Lee Kern (University of Pennsylvania - Philadelphia, PA)



41. Social Validation of a Functional Communication-Based Intervention for Severe Problem Behavior: Caregivers' Evaluations of Treatment Effects. LEN LEVIN, Darlene Magito McLaughlin, Jane I. Carlson (State University of New York - Stony Brook, NY), Duane C. Kemp (Developmental Disabilities Institute - Smithtown, NY), Christopher E. Smith (State University of New York - Stony Brook, NY), Gene McConnachie (Washington State Division of Developmental Disabilities - Seattle, WA), Edward G. Carr (State University of New York - Stony Brook, NY)

# **# 151 Education**

Poster Session  
International  
5:00 PM - 6:30 PM  
Golden Gate Hall  
EDC

42. The Effect of Peer Competitive Contingencies with Whole Work Correction on the Acquisition and Maintenance of Sight Words for Preschool Students. KENYA E. CLAY (Fred S. Keller School; Columbia University - New York, NY)

43. Effective Questioning--A Comparison of Oral Questioning and Write-On Response Cards. DEBRA S. ANTRIM, April D. Miller (University of Southern Mississippi - Hattiesburg, MS), Wendy L. Rogers (Petal School District - Petal, MS)

44. Teaching Generalized Behavior Analytic Responses. L. KEITH MILLER (University of Kansas - Lawrence, KS)

45. 1995 International Science and Engineering Fair - Honorable Mention Winner: Emotional Impact of Attention Deficit Disorder - A 4-Year Study. JAY SARTAIN (Midway High School - Waco, TX)

46. Ecobehavioral Assessment of Children with Behavior Disorders. DALE P. BLESZ (Turner Unified School District #202 - Kansas City, KS), Linda Garrison Harrell (Southwest Missouri State University - Springfield, MO)

47. The Effects of Quiz-Item Sequence Difficulty on Student Performance in a PSI Course in Introductory Psychology. SCOTT W. HARRINGTON, Patrick W. McCloskey, Michael C. Clayton, Patrick M. Ghezzi (University of Nevada - Reno, NV)

48. The Behavioral Intervention Program-Providing Longitudinal Technical Assistance in Educational Settings. MARTY SMITH (Behavioral Intervention Program - Forest Park, GA), Robert Gordon (South Metro Psychoeducational Program - Forest Park, GA), Donna Hooper (Behavioral Intervention Program - Forest Park, GA), Linda Dickson (South Metro Psychoeducational Program - Forest Park, GA)
49. Behavioral Analysis and Therapy in the School: The Effects of Correspondence Training on the Development of Consultation Skills by Graduate Students in Analogue and Applied Settings. FRANK M. GRESHAM, Colleen M. McMahon (University of California at Riverside - Riverside, CA)
50. Behavioral Analysis and Therapy in the Schools: The Efficacy of Choice in Increasing Reading Fluency with a Student who has Learning Disabilities. CHERIE L. WARD (University of California at Riverside - Riverside, CA)
51. Behavior Analysis in the School: An Assessment of Responsiveness to Increasing Oral Reading Fluency in Children with Reading Disabilities and Children with Low Achievement. TAM E. O'SHAUGHNESSY (University of California at Riverside - Riverside, CA)
52. Using Self-Correction in Mathematics to Improve Skills in Adolescent Children with Behavioral and Learning Problems. GARY DEAN JACOBS, Ralph Gardner, III, Cynthia Wagner Jacobs (Ohio State University - Dayton, OH)
53. Behavior Analysis and Therapy in the Schools: Identification of Social Network Leaders to Improve the Outcomes of Social Skills and Conflict Resolution Interventions. ALBERT RESTORI, Katina Lambros (University of California at Riverside - Riverside, CA)
54. Effects of Behavioral Treatment of Educational Performance in Children with Severe Behavior Disorders. TRACEY FRANK, Kristine Jarecki, Leesa Mann, Cathleen Piazza (The Kenney Krieger Institute and The Johns Hopkins University School of Medicine - Baltimore, MD)

55. Behavior Analysis and Therapy in the Schools: Linking Treatment Acceptability, Integrity, and Effectiveness in A Language Intervention for a Preschool Child with Autism. JUDITH A. SYLVA, Colleen McMahon (University of California at Riverside - Riverside, CA)
56. The Relation Between Procedural Reliability and Behavioral Emergencies in a School for Students with Serious Behavior Problems. PAM RAYMOND, Ronnie Detrich, Mike Ward (Spectrum Center or Educational and Behavioral Development - Berkeley, CA)
57. Can Students with Developmental Disabilities Generalize Skills Better When Taught with a Single Example of the Correct Stimulus versus Multiple Examples of the Correct Stimuli: A Contradiction of the General Consensus. ALAN C. REPP, Kathryn G. Karsh, Jesse W. Johnson (Northern Illinois University - DeKalb, IL), Toni Vanlaarhoven (Northern Illinois University - Wheaton, IL)
58. A Comparison of Three Instructional Procedures on the Acquisition, Generalization, and Maintenance of Sight Word Vocabulary by Persons with Developmental Disabilities. TONI VANLAARHOVEN (Northern Illinois University - Wheaton, IL), Jesse W. Johnson, Kathryn G. Karsh, Alan C. Repp (Northern Illinois University - DeKalb, IL)
59. A Comparison of Two Procedures for Matching Task-Related Movement Opportunities to Students' Homeostatic Level: Implications for Instructional Arrangements for Students with Developmental Disabilities. JESSE W. JOHNSON, Alan C. Repp, Toni Van Laarhoven (Northern Illinois University - DeKalb, IL)
60. A Comparison of Reinforcer and Preference Assessment Methods for Adolescents and the Durability of Results over Time. TERESA L. GEORGE, Stephanie Edwards, Scott Adroin, John Northup (Louisiana State University - Baton Rouge, LA)
61. Overt Responding in Programmed Instructional Materials: Does it Make a Difference? MATTHEW L. MILLER (Western Michigan University - Kalamazoo, MI)
62. Rudolph the Rat and the Stimulus-Response Chain. BRIAN OVERMEYER, Julie Paul, Matthew L. Miller (Western Michigan University - Kalamazoo, MI)

63. Improving Performance on the GRE. DANA R. POSOSKI, Pamela L. Vunovich (Western Michigan University - Kalamazoo, MI)
64. Continuous Quality Improvement of Programmed Instructional Material in Teaching Behavior Analysis. WENDY E. JAEHNIG, Alexandra Allmacher, Matthew L. Miller (Western Michigan University - Kalamazoo, MI)
65. Making the Grade: A Systems Analysis of Chapter Revision. DON ROHN, April Brown (Western Michigan University - Kalamazoo, MI)
66. Punishment by Prevention and the Three-Contingency Model. SHANNA BETHUY, Emily Jennings (Western Michigan University - Kalamazoo, MI).
67. The Behavior Analysis Training System III. TOBIAS LAFLEUR, Matthew L. Miller, Pamela L. Vunovich, Corina Groeger, Richard W. Malott (Western Michigan University - Kalamazoo, MI)
68. Using Performance Management to Achieve Timely, Reliable, Quality Job Completion in an a Student-Managed, University-Level Educational System. CORINA GROEGER, Felicia Taylor (Western Michigan University - Kalamazoo, MI)
69. The Behavioral Road to Wellville. APRIL BROWN, Jennifer Rudowske (Western Michigan University - Kalamazoo, MI)
70. A Behavioral Approach to Academic Career Counseling. TODD MCNAUGHTON, Lori Hagenbach (Western Michigan University - Kalamazoo, MI)
71. Supplemental Study Sessions and Contingencies to Help Students Improve Their Grades. JULIE PAUL, Brian Overmeyer (Western Michigan University - Kalamazoo, MI)
72. The Self-Development Interview. DIAN BRIDGES, Kana Yamamoto, Tobias Lafleur (Western Michigan University - Kalamazoo, MI)
73. Training University Students to Train Autistic Preschool Children. CARI KERR, Yuri Hasegawa, Emily Jennings, Teri Ruge (Western Michigan University - Kalamazoo, MI)
74. Self-Management Training: An Adolescent HIV/AIDS Prevention Program. BO-JAMES GILBERT, Thomas A. Brigham (Washington State University - Pullman, WA)

75. Training for Behavioral Emergence: What Schools Need? JULIO VARELA, Antonia Padilla (Guadalajara University - Jalisco, Mexico)
76. Reliability of Teacher-Parent Responses to Reinforcer Surveys for Students with Moderate to Severe Disabilities. DENNIS D. MUNK (Carthage College - Kenosha, WI), Alan C. Repp (Northern Illinois University - DeKalb, IL), William O'Donohue (University of Nevada - Reno, NV), Judith A. Murphy (Northern Illinois University - DeKalb, IL)
77. Motivating Students by Specifying a Ratio of Time Allocated to Two Tasks: Applying the Response-Deprivation Model of Reinforcement in a Classroom. DENNIS D. MUNK (Carthage College - Kenosha, WI), Alan C. Repp (Northern Illinois University - DeKalb, IL), William O'Donohue (University of Nevada - Reno, NV), Judith A. Murphy (Northern Illinois University - DeKalb, IL)
78. Observational Learning of Game Playing by Preschoolers with Disabilities. BENJAMIN LIGNUGARIS/KRAFT (Utah State University - Logan UT), Deanne Willie (Utah State University - Logan, UT)
79. Analysis by Objective: Fluency and Stimulus Control in Instructional Design. JOHN W. ESHLEMAN (Precision Learning Systems Inc. - Tucker, GA), Guy Bruce (Precision Learning Systems, Inc. - Monmouth, IL)
80. The Use of Peers in Functional Analysis of the Social Skills Variable for a Young Child's Aggression in Day Care. KWANG-SUN BLAIR, John Umbreit (University of Arizona - Tucson, AZ), Susan Ack (Children Achievement Center - Tucson, AZ)
81. The Effect of Teacher Variables on Perceptions of the Relative Importance of Knowledge and Skill Competencies in Applied Behavior Analysis. DAVID FELDMAN, John Merbler, Beth Tulbert, Jerome Ulman, Phyllis Gordon (Ball State University - Muncie, IN)
82. Assessing the Long-term Maintenance of Abduction Prevention Skills by Disadvantaged Preschoolers. GRETCHEN HUBER (University of Kansas - Lawrence, KS), NANCY MARCHAND-MARTELLA, RONALD MARTELLA (Eastern Washington University - Cheney, WA), W. Scoot Wood (Drake University - Des Moines, IA)

**# 152 Performance Management and Training**

Poster Session  
5:00 PM - 6:30 PM  
Golden Gate Hall  
PRM

83. Component Analysis of the National Safety Council's Defensive Driving Course in a Medium-Sized Police Department. AMY K. RAJALA, Jennifer L. DeNicolis, Donald A. Hantula (Temple University - Philadelphia, PA)
84. Open Book Management of Staff Turnover in an Academic Setting. ADAM GRUNDT, Ramona Houmanfar, Mark Dixon, Monica Garlock, Linda J. Hayes (University of Nevada - Reno, NV)
85. Monitoring the Bottom Line in an Academic Setting Through Open Book Management. MARK DIXON, Ramona Houmanfar, Monica Garlock, Adam Grundt, Linda J. Hayes (University of Nevada - Reno, NV)
86. Implementing Open Book Management in an Academic Setting. MONICA GARLOCK, Adam Grundt, Ramona Houmanfar, Mark Dixon, Linda J. Hayes (University of Nevada - Reno, NV)
87. The Effects of Different Types of Feedback on Staff Performance in Implementing Habilitation Plans. JAMES H. JOYCE, Michael W. Schlund (The Kennedy Krieger Institute - Baltimore, MD)
88. Coaching Low-Rated Trainers of the Developmentally Disabled. MARY MARAGAKIS, W. Larry Williams (University of Nevada - Reno, NV)
89. SAFMEDS for Staff Training and Development in Group Homes for Persons with Developmental Disabilities. SANDY MACLEOD (Community Environments - Miami, FL)
90. Facilitating Outcome Assessment of Academic Departments. DEBRA W. FREDRICKS, Linda J. Hayes, Carol Doyle, William N. Cathey, Janice Brown, Judith A. Sugar (University of Nevada - Reno, NV)
91. Process Improvement Through Goal-Setting and Feedback. JUDITH A. HONEYWELL, Timothy V. Nolan (Western Michigan University - Kalamazoo, MI)
92. Parent Training: An Evaluation of Program Dissemination. RONALD W. THOMPSON, Penny R. Ruma, Daniel L. Daly, Raymond V. Burke (Father Flanagan's Boys' Home - Boys Town - NE)
93. Self-Evaluation vs Supervisory Feedback in Staff Training: A Cost/Benefit Analysis. DUANE C. LORD, W. Larry Williams (University of Nevada - Reno, NV)

94. The Effects of a Response-Cost System in Reducing Absenteeism of Direct Care Staff. LEESA H. MANN, Cathleen Piazza, Robyn M. Hurwitz, Paula M. Duffield (The Kennedy Krieger Institute and The Johns Hopkins University School of Medicine - Baltimore, MD)
95. Use of Work Samples to Enhance Prediction of Job Performance of Direct Care Staff. LEESA H. MANN, Robyn M. Hurwitz, Dawn Anapo, Cathleen Piazza (The Kennedy Krieger Institute and The Johns Hopkins University School of Medicine - Baltimore, MD)
96. Behavior Analysis in Subacute Rehabilitation: Data on Patient Progress and Staff Improvements. MICHAEL W. SCHLUND, James Joyce (The Kennedy Krieger Institute - Baltimore, MD)
97. Effects of Simple Administrative Procedures on the Attendance of Temporary Workers. KEVIN NORR, Bill L. Hopkins (Auburn University - Auburn, AL)
98. Risk Management in a Community-Based Agency. ROSEMARIE A. ABBRUZZESE, Arlene I. Beck (Alternatives Unlimited Inc - Whitinsville, MA), Richard R. Saunders (University of Kansas - Parsons, KS)
99. Supported Living Counselor Services. TARA L. CORNELL, Michael F. Seibold (Alternatives Unlimited Inc. - Whitinsville, MA), Richard R. Saunders (University of Kansas - Parsons, KS), Jay L. Saunders (Bluestem Software, Inc. - Lawrence, KS)
100. Quality Enhancement through Repeated Self-Assessment. LOIS SHOKUNBI (Alternatives Unlimited, Inc. - Whitinsville, MA), J. TYLER FOVEL (Fernald Developmental Center - Waltham, MA), Richard R. Saunders (University of Kansas - Parsons, KS)
101. The Effects of a Goal-Setting-Based Performance Management Intervention on the Timeliness of Product Shipments. Joe Wilcox, STEPHEN SCHEPMAN (Central Washington University)
102. Verbal Self-Report Accuracy : Experimental Analyses. TIM PLATSMAN, James Eubanks (Central Washington University)
103. Evaluating Staff Training on Acquisition of Appropriate Reinforcement Techniques vs. Reprimands. DONNA STRICKLAND, Bingju Lucy Zhang, Andy Vega (Devereux Foundation - Melbourne, FL)

104. Evaluating Staff and Students Performance through a Pyramid Model of Teachers' Training in a School Setting. BINGJU LUCY ZHANG, Donna Strickland (Devereux Foundation - Melbourne, FL)
105. Effects of a University-Based Training Program on the Teaching Performance of Undergraduate Psychology Students in Practicum Settings. SCOTT A. WATSON, Richard K. Fleming (Auburn University - Auburn, AL)
106. The Effects of Linear and Nonlinear Incentive Pay Systems with Individual and Group Payouts on the Social Psychology Phenomenon of Social Loafing. D. A. SMOOT (Western Michigan University - Kalamazoo, MI)
107. Effects of Alternative Activities on Productivity Under Different Percentages of Incentive Pay. GRAINNE A. MATTHEWS, Alyce M. Dickinson (Western Michigan University - Kalamazoo, MI)
108. The Development of a Behavioral Safety Program. ANGELICA C. GRINDLE, Alyce M. Dickinson (Western Michigan University - Kalamazoo, MI)
109. Which is Better... Plotting Performance Data on Bar Graphs, in Absolute Numbers, Percentages, Cumulative Graphs, or Celeration Charts? TOM MUNN (Amway Corporation - Ada, MI)
110. Affecting the Delivery of Programmatic Services Using Verbal Feedback. JEWELON MORRIS, Don Williams (Richmond State School - Richmond, TX)
111. Reducing Overtime: Feedback and Contingencies. LYLE F. FEINBERG, Alan E. Harchik (The May Institute - S. Hadley, MA)
112. The Impact of Peer Feedback on the Rates of Praise of Teachers and Teachers Aides. GALE BARRY (Lesley College )

#### **# 153 Experimental Analysis of Behavior**

Poster Session  
International  
5:00 PM - 6:30 PM  
Golden Gate Hall  
EAB

113. Expanding the Sensory Modality Repertoire: Pilot Data on Tactile Equivalence. CARMENNE A. CHIASSON (University of New Mexico - Albuquerque, NM)
114. Acquisition of Response Sequences in Humans: Analysis of Successive and Simultaneous Procedures. ISABEL FLORENTINO, Jose Carlos Simoes Fontes (Univesidade Federal do Para - Belem-Para, Brazil)



115. Determination of Canine Olfactory Detection Functions for Smokeless Powder. J. JACKSON, P. WAGGONER, M. WILLIAMS, M. JONES, J. M. Johnston (Institute for Biological Detection Systems/Auburn University - Auburn, AL)
116. Pigeons' Response Rates and Topographies Under a Concurrent-Chain Schedule with Food and Water Outcomes. BERTRAM O. PLOOG (Central Missouri State University - Warrensburg, MO)
117. An Analysis of Return Slot Machine Play in a Casino Setting. RUTH L. STEINAGLE, Patrick M. Ghezzi (University of Nevada - Reno, NV)
118. Calculating an S: A Comparison of Equations Describing Behavior Change. PHYLLIS A. REILE, SCOTT H. KOLLINS, M. Christopher Newland (Auburn University - Auburn, AL)
119. Delayed Reward Discounting in Heavy and Light Social Drinkers. CATHY SIMPSON, Rudy E. Vuchinich (Auburn University - Auburn, AL)
120. Using Conditioned Reinforcers to Increase Pigeons' Self-Control. J. M. KIRK, A. W. Logue, Jianbin Mao (State University of New York at Stony Brook - Stony Brook, NY), John J. Chelonis (Cornell University Medical Center - White Plains, NY)
121. Overmatching and Concurrent Choice. JAMES S. MACDONALL, Lawrence T. DeCarlo (Fordham University - Bronx, NY)
122. The Kernel of Concurrent Choice. JAMES S. MACDONALL (Fordham University - Bronx, NY)
123. Stimulus Expectancy vs. Value Expectancy in a Differential-Outcomes Procedure. JOSEF A. HARTL, John Wixted (University of California - San Diego, CA)
124. Comparison of Between- and Within-Subjects Approaches to Analyzing Human "Vigilance" Performance. LAURA L. METHOT (Saint Mary's University - Halifax, Canada)
125. Effects of Varying Stimulus Modality in the Acquisition and Transference of a Conditional Discrimination in Human Subjects. CARLOS TORRES, Emilio Ribes-Inesta, Jorge Barrera, Lucia Ramirez (University of Guadalajara)

126. Effect of Varying Delay Duration Across Different Reinforcement Rates on Response Acquisition. MARCO A. PULIDO, Charles A. Bruner (National Autonomous University of Mexico and University of Guadalajara)
127. Schedule-Induced Activities: Effects of Variations on Body Weight and Availability of Wheel or Wheel and Water. MARCELO FROTA BENVENUTI (Pontificia Universidade Catolica de Sao Paulo - Brazil)
128. An Investigation on the Emergence of Equivalent Stimulus Classes: Some New Strategies. YARA CLARO NICO, Cacilda Barbosa Amorim, Marcos Alexandre de Medeiros, Luiz Guilherme Guerra, Paula Debert, Sandra Troitino Rodriguez, Maria de la Paz Guarderas, Raquel Araujo Arena (Pontificia Universidade Catolica de Sao Paulo - Brazil)
129. Experimental Analysis of Behavior: Nonhuman. BRUCE E. HESSE (California State University - Stanislaus, CA), Matthew C. Bell, Ben A. Williams (University of California - San Diego, CA)
130. Reinforcer Rate and Animal Timing. MARK S. HOYERT, Gina L. Bertucci (Indiana University Northwest)
131. Contingency-Rule Interactions: Effects of Reinforcement History on Compliance to Instructions in Different Reinforcement Schedules. FATIMA REGINA PIRES DE ASSIS (Catholic Pontifice University - Sao Paulo, Brazil), Maria Amelia Matos (Sao Paulo University - Sao Paulo, Brazil)
132. Training Behavior Analytic Terminology with Exemplars: Development and Evaluation of a Computer-Based Program. KATRINA E. GANTLY, Bram C. Goldwater, Loren E. Acker (University of Victoria - British Columbia - Canada)
133. Training Fluency on Choice-Reaction-Time Tasks: Does Response Speed Generalize to Functionally Equivalent Stimuli? DIANA M. GRABAVAC, Bram C. Goldwater, Loren E. Acker (University of Victoria - British Columbia - Canada)
134. A Laboratory Analogue of Fluency Training: Evaluating Effects of Operant Contingencies on Choice Reaction Time. DIANA M. GRABAVAC, Bram C. Goldwater, Loren E. Acker (University of Victoria - British Columbia - Canada)

135. Effect of Task Effort and Reinforcement Schedule on Concurrent Choice Behavior by Preschool and Primary School Aged Children. LAURA J. LERCH, Anthony J. Cuvo (Southern Illinois University - Carbondale, IL)
136. Social Reinforcement of Alcohol Drinking in the Rat. NATHAN T. WATSON (Stanford University), Allen Neuringer (Reed College)
137. Behavioral Variability in Old and Young SHR and WKY Rats. ROSEMARY BURNETTE, Allen Neuringer (Reed College)
138. Computer-Based Data Acquisition, Graphics, and Analysis Procedures for Self-Experimentation. JOHN HOPSON, Allen Neuringer (Reed College)
139. Operant Variations and Repetitions Under a Mixed Schedule of Reinforcement. DAVID C. BURT, Allen Neuringer (Reed College)
140. Performance and Preference for Competition, Cooperation and Individual Responding as a Function of Group Member Choice. GLORIA GASPAROTTO, John Hansen, Robert J. Murphy (St. Cloud State University)
141. Evidence of History Effects on Gradients Obtained by Lengthening and Shortening Delay of Reinforcement. RAUL AVILA S. (National Autonomus Univiersity of Mexico - Coyoacan, Mexico), Luis M. Gallardo (University of Guadalajara - Jalisco, Mexico), Carlos A. Bruner (National Autonomus Univiersity of Mexico - Coyoacan, Mexico)
142. Does Stimulus Dimension Interact with Schedule of Reinforcement to Determine the Extent of Generalization? DIANA J. WALKER, Marc N. Branch (University of Florida - Gainesville, FL)
143. DRL and FR Histories Produce Differential Responding on Subsequent FI and Tandem Schedules. SETH A. BALOGH, Barbara A. Wanchisen (Baldwin-Wallace College), Thomas A. Tatham (Uniformed Services University of the Health Sciences)
144. Stopping the Cycle in Activity Anorexia: Access to Food and the Running Wheel. TINA N. LAZARUK, W. Frank Epling, W. David Pierce (University of Alberta - Alberta, Canada)
145. Shaping Parameters in Humans Using a Computer Game. DARLENE E. TODD (University of Manitoba - Manitoba, Canada)

146. Step Size in an Algorithmic Shaping Procedure as a Function of Distance to Target with Humans. DARLENE E. TODD, Wayne Chan (University of Manitoba - Manitoba, Canada)
147. Modified Hillclimbing Versus Percentile Reinforcement in Shaping a New Response. DARLENE E. TODD, Barrie J. Todd (University of Manitoba - Manitoba, Canada)
148. Signalled Versus Unsignalled Reinforcers: Predicting Changes in Behavioral Cost. VALERI FARMER-DOUGAN (Illinois State University - Normal, IL), James D. Dougan (Illinois Wesleyan University - Bloomington, IL), Larry Alferink (Illinois State University - Normal, IL)

#### # 154 Verbal Behavior

Poster Session  
International  
5:00 PM - 6:30 PM  
Golden Gate Hall  
VRB

149. Generalized Selection of Intra-Stimulus Relations. AMY STIRMAN, Barry Lowenkron (California State University - L.A., CA)
150. The Emergence of Word-Object Bidirectionality. SHARON LEE, Barry Lowenkron (California State University - L.A., CA)
151. Contributions of Self-Operants to Intraverbal Control of Elementary Verbal Operants. HSIN-I HUANG, Otto H. MacLin, Deirdre Lee Gonzales, David A. Wilder, Linda J. Hayes (University of Nevada - Reno, NV)
152. Self-Descriptions and Rule-Type Behavior in Conditional Discrimination. HORTENSIA HICKMAN R., Olivia Tena G., Ma. Luisa Cepeda, Diana Moreno R., Rosa Ma. Larios B. (Universidad Nacional Autonoma de Mexico, Campus Iztacala)
153. Using Repeated Acquisition for Comparing Selection and Topography-Based Communication Systems from a Fluency Perspective. AMY MCCARTY (Western Michigan University - Kalamazoo, MI)
154. Patterns of Verbal Influence in a Therapy Dyad: The Utility of Sequential Analysis. ANTHONY T. PROCACCINO, JR. (Hofstra University - Hempstead, NY)
155. Verbal Generalization in a Child With Autism. LUIS A. PEREZ-GONZALEZ (University of Oviedo - Oviedo, Spain), Gladys Williams, Jennie W. Keller (Applied Behavioral Consultant Services - New York, NY)

156. The Influence of Performance Deadlines and Delayed Outcomes on Rule-Governed Behavior in "Average" and "Noncompliant" Boys. DAVID REITMAN (Louisiana State University - Baton Rouge, LA), Alan M. Gross, Lisa Koch (University of Mississippi - University, MS), Erin Price (Mississippi College)
157. Skinner's Verbal Behavior Categories as Applied to Bicol, Chinese, and Korean Language Constructions. GUGHWAN CHOI, MING ZHANG, MONICA CASTILLO, Rob Morrell, Claire Z. Kalpakjian, Chow Lam, Charles Merbitz (Illinois Institute of Technology - Chicago, IL)
158. Teaching a Developmentally- Delayed Preschooler to Walk Upstairs Using a Most-to-Least Prompting Procedure. LAYLUMA MUHAYYA, Jeremy Greenberg (Columbia University Teachers College & Babies Prep, Inc. - New York, NY)
159. Testing for Separate Repertoires of Graduate Students in Applied Behavior Analysis: Intraverbal Behaviors vs. Scientific Facts. JEREMY GREENBERG, R. D. Greer (Columbia University Teachers College - New York, NY)
160. Teaching Students to Identify Their Body Part. JOYCE G. KINCHES, Fredrick Evans, Lee Byoung-In (Columbia University Teachers College & Babies Prep School, Inc. - New York, NY)
161. Teaching Students to Identify Their Name. JOYCE G. KINCHES, Joan M. Riley (Columbia University Teachers College & Babies Prep School, Inc. - New York, NY)
162. Opportunity to Mand and its Effects on Verbal Behavior. JOYCE G. KINCHES, Frederick "Etu" Evans III (Columbia University Teachers College & Babies Prep School, Inc. - New York, NY)
163. Teaching Reading Skills to Toddlers. JOYCE G. KINCHES, Cynthia Jones (Columbia University Teachers College & Babies Prep School, Inc. - New York, NY)
164. Teaching Color Identification Using a Match-to-Sample Procedure as a Prerequisite to Color Identification. IRFA A. L. KARMALI, Debra Paul (Columbia University Teachers College & Babies Prep School, Inc. - New York, NY)

165. Teaching Writer Behavior in Preschool Children Using Modeling, Stimulus Fading and a Reversal Design. IRFA A. L. KARMALI, Jeremy H. Greenberg, Elizabeth A. Maher (Columbia University Teachers College & Babies Prep School, Inc. - New York, NY)
166. The Effects of Behavioral Techniques on Speech Language Therapy. NYLA LAMM, Jeremy H. Greenberg, Irfa A. L. Karmali, Joyce G. Kinches, Barbara M. Cuellar, JeanneMarie Speckman (Columbia University Teachers College & Babies Prep School, Inc. - New York, NY)
167. Behavioral Training and its Effects on Speech Therapists and Their Students. NYLA LAMM, Jeremy H. Greenberg, Irfa A. L. Karmali, Joyce G. Kinches (Columbia University Teachers College, Columbia University College of Physicians & Surgeons & Babies Prep School, Inc. - New York, NY)
168. Varied Practice and Acquisition of Rule-Governed Behavior. MARIA LUISA CEPEDA, Olivia Tena, Hortensia Hickman, Rosa Ma. Larios Y., Diana Moreno (Universidad Nacional Autonoma de Mexico, Campus Iztacala)
169. The Influence of Inter / Intra Dimensional Incompatibility on the Acquisition of Derived Stimulus Relations. MICHAEL C. CLAYTON, Linda J. Hayes (University of Nevada - Reno, NV)
170. A Comparison Between Reading and Writing Acquisition in Preschool Children. SILVIA R. SOUZA, CELSO GOYOS, Roberta Reiff, Julia Tachikawa, Simone Sakamoto, Sandra Moura (Sao Paulo, Brazil)
171. Contingency-Shaped vs. Rule-Governed Behavior in Children's Cooperative Play: Sensitivity to Changing Instructions. RENEE L. MICHAEL (Rockhurst College - Kansas City, MO), DANIEL J. BERNSTEIN (University of Nebraska - Lincoln, NE)

#### **# 155 BALANCE SIG Business Meeting**

Business Meeting  
6:30 PM - 7:20 PM  
Yerba Buena Ballroom  
(Salon 6)

Chair: W. Joseph Wyatt (Behavior Analysis Digest)  
The BALANCE SIG's business meeting will include business of the SIG, discussion of its newsletter, dues, recruitment of members, programs, awards, etc.

- # 156 International Association for the Right to Effective Treatment**  
 Business Meeting  
 6:30 PM - 7:20 PM  
 Yerba Buena Ballroom  
 (Salon 5)  
 Chairs: Wayne S. Robb (International Association for the Right to Effective Treatment), Ron Van Houten (Mount Saint Vincent University)  
 IARET is an educational and advocacy group established to advance the right to effective treatment for all persons in need of effective treatment or education.
- # 157 Northern California Association for Behavior Analysis**  
 Business Meeting  
 6:30 PM - 7:20 PM  
 Yerba Buena Ballroom  
 (Salon 4)  
 Chair: Gary Novak (California State University - Turlock, CA)  
 Annual Business Meeting
- # 158 Walden Fellowship Inc.**  
 Business Meeting  
 6:30 PM - 7:20 PM  
 Yerba Buena Ballroom  
 (Salon 3)  
 Chair: Mark A. Mattaini (Columbia University School of Social Work - New York, NY)  
 Annual Board Meeting and report of accomplishments.
- # 159 Development and Behavior Analysis**  
 Business Meeting  
 6:30 PM - 7:20 PM  
 Yerba Buena Ballroom  
 (Salon 2)  
 Chair: Jacob L. Gewirtz (Florida International University)  
 Annual Business Meeting
- # 160 Elementary Principles of Behavior Users Group**  
 Business Meeting  
 6:30 PM - 7:20 PM  
 Yerba Buena Ballroom  
 (Salon 1)  
 Chair: Richard W. Malott (Western Michigan University - Kalamazoo, MI)  
 To discuss ways to get the most value out of and to improve the text book Elementary Principles of Behavior.
- # 161 ABA Business Meeting**  
 Special Event  
 6:30 PM - 7:30 PM  
 Yerba Buena Ballroom  
 (Salon 10)  
 Chair: Richard M. Foxx (Pennsylvania State University - Middletown, PA)  
 The meeting agenda will consist of a review of past meeting minutes and current board reports and its corresponding committees: a) Administration Board - Finances, Office Management, and Publications; b) Program Board; c) Publication Board; d) Membership Board; e) Affiliated Chapters Board; f) Public Policy and External Relations Board; g) Education Board; and h) Standards and Accreditation Board Election results will also be discussed. Informal items from attendees will be welcome.

**# 162 Organizational Behavior Management**

Business Meeting  
6:30 PM - 7:20 PM  
Yerba Buena Ballroom  
(Salon 12)

Chair: Richard K. Fleming (Auburn University - Auburn, AL)  
The OBM Network consists of ABA members who are interested in organizational research and practice. Members work in academic, business, consulting, human service, and school settings. The purpose of the Network is to distribute information concerning OBM research and application, recognize contributions by individuals applying OBM technology, and support research.

**# 163 Clinical Behavior Analysis SIG**

Business Meeting  
6:30 PM - 7:20 PM  
Yerba Buena Ballroom  
(Salon 13)

Chair: Robert W. Montgomery (Georgia State University)  
This years focus will be twofold: to discuss future directions for the SIG and publication options for CBA research. Proposals for the coming years convention are invited. A discussion of possible publication outlets for Clinical Behavior Analytic work and a presentation by Pat Friman and Action Editor of JABA are the central agenda items for this year's meeting.

**# 164 Verbal Behavior Special Interest Group**

Business Meeting  
6:30 PM - 7:20 PM  
Yerba Buena Ballroom  
(Salon 14)

Chair: Genae Hall (Agnews Developmental Center - San Jose, CA)  
The meeting will focus on how to promote a behavioral analysis of language--how to educate behavior analysts and others in the concepts of Skinner's *Verbal Behavior* and make use of the analysis in various contexts. Suggestions made at last year's meeting will be revisited. The status of the journal *The Analysis of Verbal Behavior* also will be discussed.

**# 165 Experimental Analysis of Human Behavior SIG**

Business Meeting  
6:30 PM - 7:20 PM  
Yerba Buena Ballroom  
(Salon 15)

Chairs: Dean C. Williams (University of Kansas - Parsons, KS), Thomas S. Critchfield (Auburn University - Auburn, AL)  
Present financial and membership data. Discuss any concerns or suggestions of the membership over the EAHB SIG Bulletin's content and format and the 1997 Student Paper competition. Acknowledge Barbara Kaminski and the reviewers' efforts on the 1996 paper competition. Give a pep-talk for increasing the SIG's paying membership, and self-congratulate the SIG Co-Chairs/Bulletin Editors. Elect new Chair/Editors if possible.



- # 166 Cambridge Center for Behavioral Studies Reception**  
 Reception BETSY J. CONSTANTINE (Cambridge Center for Behavioral Studies - Cambridge, MA)  
 7:30 PM - 9:30 PM  
 Nob Hill A & B Reception for those interested in the Cambridge Center for Behavioral Studies.
- # 167 SCSU Reunion**  
 Reunion GERALD C. MERTENS (St. Cloud State University - St. Cloud, MN) and Matthew L. Miller (Western Michigan University - Kalamazoo, MI)  
 8:00 PM - 10:00 PM  
 Yerba Buena Ballroom (Salon 6) A reunion/meeting of alumni, faculty, ex-faculty, current students, and/or friends of St. Cloud State University. Come for some conversation, presentations, fun, future planning, etc.
- # 168 University of North Texas, Department of Behavior Analysis**  
 Reunion SIGRID GLENN (University of North Texas - Denton, TX)  
 8:00 PM - 10:00 PM  
 Yerba Buena Ballroom (Salon 5) University of North Texas behavior analysis faculty invites students, graduates, colleagues and friends to celebrate the establishment of the Department of Behavior Analysis. transparencies.
- # 169 OBM Network Hospitality Suite**  
 Reunion To provide further networking opportunities and future planning.  
 8:00 PM - 10:00 PM  
 Yerba Buena Ballroom (Salon 12)
- # 170 Standard Celeration Chart Data Sharing**  
 Reunion JAMES POLLARD (Huntington Disease Program at Mediplex Lowell - Lowell, MA)  
 8:00 PM - 10:00 PM  
 Yerba Buena Ballroom (Salon 11) Each year since 1980 this meeting has provided an opportunity for interested individuals to see, hear and share information across the spectrum of behavior using daily, weekly, monthly, and yearly Standard Celeration Charts presented on overhead transparencies.

**# 171 20th Anniversary Reunion of the Behavior Analysis  
Program at West Virginia University**

8:00 PM - 10:00 PM KENNON A. LATTAL (West Virginia University -  
Nob Hill C & D Morgantown, WV)

Alumni, former faculty, and the many friends of the Behavior Analysis program at West Virginia University are invited to join the current faculty and students in celebrating twenty years of teaching, research, and service in behavior analysis.

**# 172 Behavioral Follies**

Special Event Social event organized by the University of Nevada.  
10:00 PM - 11:50 PM  
Yerba Buena Ballroom  
(Salon 9)

## Call for Papers

The Mexican Society of Behavior Analysis (an ABA affiliated chapter) and the University of Veracruz call for papers to be presented in the XIII Mexican, Interamerican and Iberoamerican Congress of Behavior Analysis that will take place from June 26th to 29th, 1996 in Boca del Rio and Veracruz, Mexico.

All professionals, researchers, teachers, and students interested in presenting up-to-date and significant works that may contribute to the conceptual and empirical examination of the diverse phenomena of human and animal behavior are invited to participate in this congress.

Proposals should be for papers (30 minutes), symposia (2 hours), invited addresses (50 minutes), or posters (2 hours) in either the experimental analysis of behavior or applied behavior analysis.

**For further information contact:**

Dr. Hector Ayala Valazquez  
Fac. de Psicología, UNAM  
Av. Universidad 3004; C.P. 04510  
Tel: (52-5) 6 22 23 14  
Fax: (52-5) 5 50 25 60  
Internet: Ayavel@servidor.unam.mx

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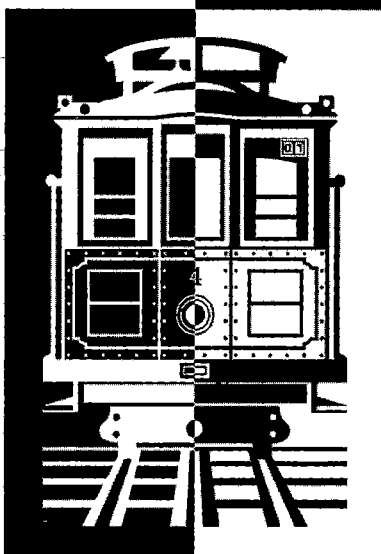


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Room	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM
Golden Gate A	Exhibitor Booths Open						
Golden Gate B							
Golden Gae C							
Salon 1			# 82 Inspect Accur	# 96 Safety			# 126 Tom Gilbert
Salon 2			# 81 Organizational Perf	# 105 Group Contingencies	# 116 Emergent Relations		
Salon 3	# 72 MABA	# 80 Generalize Prob Solve	# 104 Transfer of Control				# 125 Risk
Salon 4	# 71 Autism Parent	# 79 Human Services	# 103 Performance Result				# 124 Attacks
Salon 5	# 70 Prof Dev Com	# 78 Error Correction	# 102 Educational Excel				# 123 Future of BA
Salon 6	# 69 Gerontology	# 77 Culture/Econ	# 95 Behavioral Group Homes				# 122B SAFMEDS
Salon 7			# 94 Effects of Choice				
Salon 8			# 101 Language-Learning Children				# 122A Behav DEV
Salon 9							
Salon 10	# 73 Corrections	# 83 EOs in Teach	# 106 Caveat Emptor				# 127 Future Direct
Salon 11	# 74 Undergrad	# 84 Dilemmas	# 97 Ethical Issues	# 113 Cross-Cultural			
Salon 12		# 85 Integration		# 107 Concept Programming			# 128 Lab Courses
Salon 13		# 86 StatAnalysis	# 98 Derive Relations		# 117 Lab Lore		# 134 Behav
Salon 14		# 87A Follow-up SIBIS		# 108 Educ Leisure Supports	# 118 DSM-IV	# 129A Com Skills	
Salon 15	# 68 Student Breakfast	# 87B Student		# 109 Diff Behavioral Problems I			# 129B Systems Anal
Nob Hill A		# 88 Accurate Represent				# 119 Post-Positivism & Behav Anal	
Nob Hill B	# 76 Fitness SIG	# 89 TBA Battle II		# 110 Graduate Programs?		# 120 Non-Socially Mediated	
Nob Hill C & D	# 75 Autism SIG		# 99 Generative Instructions				# 130 Choice/Match
Pacific Suite A		# 90 Aggression & Violence			# 114 Rules/Verbal		# 131 Time-Out
Pacific Suite B		# 91 Jealousy Protest Siblings			# 115 Drug Abuse		
Pacific Suite H		# 92 Outreach Treatment		# 111 Social Comm Skill			# 132 Com Skills
Pacific Suite I			# 100 Concurrent Schedule			# 121A Domestic Hen	# 133 DMTS
Pacific Suite J		# 93 How to Sell Ourselves		# 112 Clinical Services		# 121B Project SafeCare	

Room	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM
Golden Gate A					# 150 - # 154 Poster Sessions		
Golden Gate B	Exhibitor Booths Open						
Golden Gate C					# 150 - # 154 Poster Sessions		
Salon 1	# 126 (Continued)				# 160 EPB Users		
Salon 2	# 135 Train-the-Trainer				# 159 Development		
Salon 3	# 125 (Cont)	# 140 Single-Case Methods				# 158 Walden	
Salon 4	# 124 (Continued)	# 147 Balancing				# 157 NCABA	
Salon 5	# 122 (Cont)				# 156 IARET	# 168 UNT Reunion	
Salon 6	#122B (Cont)	# 139 Future Directions				# 155 BALANCE	# 167 SCSU
Salon 7							
Salon 8	# 122A (Continued)						
Salon 9			# 149 Pres Scholar				
Salon 10	# 127 (Cont)	# 141 Verbal Behavior				# 161 ABA Business	
Salon 11	# 136 Science, Behavior and Soc Iss				# 170 Celeration		
Salon 12	# 128 (Cont)	# 142 Peer Coaching				# 162 OBM	# 169 OBM Suite
Salon 13	# 134 Momentum				# 163 Clinical SIG		
Salon 14	#129A (Cont)	# 143 Functional Analysis				# 164 Verbal SIG	
Salon 15	# 129B (Continued)				# 165 EAHB SIG		
Nob Hill A					# 166 Cambridge Center Reception		
Nob Hill B			# 144 Shaping the Future				
Nob Hill C & D	# 130 (Continued)				# 171 WVU 20th		
Pacific Suite A	# 131 (Cont)	# 145 Cognitive Behavioral	<div>Come See <b>Behavioral Follies</b> 10:00 PM - 11:50 PM Yerba Buena Ballroom (Salon 9)</div>				
Pacific Suite B							
Pacific Suite H	# 132 (Cont)	# 146 Enhancing Com					
Pacific Suite I	# 137 Timing	# 148 Matching					
Pacific Suite J	# 138 Self Experimentation						

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SAN FRANCISCO

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for Behavior  
Analysis

An International Organization

22nd Annual Convention  
Monday, May 27, 1996

Invited Presentations  
Special Events  
Convention Sessions  
ABA Social  
Day Schedule

## **INVITED PRESENTATIONS**

#179 • Verbal Behavior and Pavlovian Learning Processes. NATHAN STEMMER. Chair: Alan Poling

#181A • Skills Training Interventions for AD Caregivers: Results of a 5 Year Study. MICHELLE S. BOURGEOIS. Chair: David Born

#182 • Building Fluency with Free-Operant Procedures. CARL BINDER. Chair: James Pollard

#184 • Global Open and Closed Economies: Is National Income Accounting Amenable to a Behavioral Economic Analysis? ABDULRAZAQ A. IMAM. Chair: Steven R. Hursh

#190 • Developmental Disabilities and Behavior Analysis: Can this Relationship be Saved? JUDITH E. FAVELL. Chair: Todd E. Risley

#199 • On Behaviorism, Theories, and Hypothetical Constructs. JAY MOORE. Chair: Sam Leigland

#228B • What is Clinical Behavior Analysis? -- Panel Discussion. Chair: Robert W. Montgomery

#231A • Bringing About Change in a State's System for Serving the Need of Families with Chronically III Children. GEORGE SINGER. Chair: Joseph Lucyshyn

#232 • From Basics to Contemporary Paradigms: Neural Networks. NESTOR SCHMAJUK. Chair: John Moore

#236 • Producing Higher Order Thinking by Middle School Students. DOUG CARNINE. Chair: Dan Hursh

#240 • Behaviorological Thanatology: New Ethics of Death and Dying from a New Discipline. LAWRENCE E. FRALEY. Chair: Richard F. Rakos

#241 • Feminism and Radical Behaviorism: Bridging an Alliance -- Symposium. Chair: Maria R. Ruiz

#243 • Beyond Consequences: Stimulus Control and the Rapidly Changing Role of Behavior Analysis in Developmental Disabilities. PAUL E. TOUCHETTE. Chair: James Peters

#244 • On Characterizing the Economic Continuum. ABDULRAZAQ A. IMAM. Chair: George H. Collier

#246 • A Behavioral Analysis of Informed Consent. KURT SALZINGER. Chair: Robert W. Montgomery

#248 • From Basics to Contemporary Paradigms: Dynamics. JOHN E. R. STADDON. Chair: M. Jackson Marr

#251 • Establishing a Role for Science in Education: Paving the Way for Behavior Analysis. DOUG CARNINE. Chair: Dan Hursh

#258 • What a Skinnerian Might Like About Signal Detection Theory. JOHN T. WIXTED. Chair: Barbara Wanchisen

#266 • Bringing Stimulus Control into the Law of Effect: The Three-Term Contingency Revisited. MICHAEL DAVISON. Chair: Robert Allan

## **SPECIAL EVENTS**

#173 • Breakfast for Student Members  
Sponsored by Aubrey Daniels & Assoc

#231B • Israel Goldiamond: A Most Scientific Life. Chair: T.V. Joe Layng

#277 • Award Ceremony  
Chair: Richard M. Foxx

#278 • Presidential Address: Behavioral Processes in Humans and Nonhuman Animals: How Similar are They?  
MARC N. BRANCH  
Chair: Richard M. Foxx

#279 • ABA Social  
ABA Dance with a DJ and cash bar.

## CONVENTION SESSIONS

### # 173 **Breakfast for Student Members**

Special Event  
7:30 AM - 9:00 AM  
Yerba Buena Ballroom  
(Salon 15)

Student Representative-Elect: Judy Honeywell (Western Michigan University - Kalamazoo, MI)  
Breakfast sponsored by Aubrey Daniels & Associates for student members.

### # 174 **Teaching Behavior Analysis SIG and the Education Board – Goal Setting Session**

Business Meeting  
8:00 AM - 8:50 AM  
Yerba Buena Ballroom  
(Salon 6)

Chairs: Corina Groeger, Richard W. Malott (Western Michigan University - Kalamazoo, MI)  
To discuss the accomplishments in meeting the recruitment goals, to evaluate the success of the TBA session, and to suggest improvements for the 1997 conference.

### # 175 **Rehabilitation & Independent Living Special Interest Group**

Business Meeting  
8:00 AM - 8:50 AM  
Yerba Buena Ballroom  
(Salon 5)

Chair: Charles Merbitz (Illinois Institute of Technology - Chicago, IL)  
Election of officers & scheduling activities.

### # 176 **Presidential Advisory Committee on Diversity**

Business Meeting  
8:00 AM - 8:50 AM  
Yerba Buena Ballroom  
(Salon 3)

Chairs: Kent R. Johnson (Morningside Academy - Seattle, WA), Rhonda K. Lewis (University of Kansas - Lawrence, KS)  
Annual Business Meeting

### # 177 **Contiguity, Contingency, and Reinforcement**

Symposium  
9:00 AM - 10:50 AM  
Yerba Buena Ballroom  
(Salon 8)  
DEV

Chair: M. Jackson Marr (Georgia Institute of Technology - Atlanta, GA)  
Discussant: M. Jackson Marr (Georgia Institute of Technology - Atlanta, GA), Maricel Cigales (Florida International University - Miami, FL)

- Contiguity, Contingency, and Logic in Operant Learning. TOM BOWER (University of Texas at Dallas - Dallas, TX)
- Indices of Contingency Within Conditional Probability Analysis. JOHN S. WATSON (University of California - Berkeley, CA)
- Response-Stimulus Contingencies and Reinforcement. JACOB L. GEWIRTZ (Florida International University - Miami, FL)



**# 178      Replication, Dissemination, Observation, and Feedback:  
Improving Services to People with Disabilities**

Symposium  
9:00 AM - 10:20 AM  
Yerba Buena Ballroom  
(Salon 6)  
DDA

Chair: Alan E. Harchik (The May Institute - Springfield, MA)

Discussant: Christopher J. Fox (Massachusetts Department of Mental Retardation - Springfield, MA)

- Replicating and Maintaining the Teaching-Family Model Adapted for Persons with Developmental Disabilities. MICHAEL C. STROUSE (Community Living Opportunities - Overland Park, KS), James A. Sherman, Jan B. Sheldon (University of Kansas - Lawrence, KS)
- Supervisory Satisfaction Surveys: The Role of Feedback. HELENA CARREIRO, Frank Bird (The May Institute - Revere, MA)
- Revision and Validation of Competency-Based Staff Training. ALAN E. HARCHIK, LYLE F. FEINBERG (The May Institute - Revere, MA)



**# 179**

International  
Invited Address  
9:00 AM - 9:50 AM  
Yerba Buena Ballroom  
(Salon 5)

**Verbal Behavior and Pavlovian Learning Processes**

Chair: Alan Poling (Western Michigan University - Kalamazoo, MI)

Presenter: NATHAN STEMMER (Jerusalem, Israel) .



**# 180**

Paper Session  
International  
9:00 AM - 10:20 AM  
Yerba Buena Ballroom  
(Salon 4)

**Ethical and Practical Issues in Meeting the Needs of Special People**

Chair: Belinda Lazarus (University of Michigan - Dearborn, MI)

- Proper and Effective Use of Punishment Procedures in a Comprehensive Treatment Package Leads to Less Use of Punishment Procedures in an Autistic Individual. ANTHONY CASTROGIOVANNI, Phil Edelen (Chimes Metro Inc., - Newark, DE)
- Recognizing the Limits of our Technology. AMY KOPPEKIN (The School Board of Brevard County - Melbourne, FL), Jose Martinez-Diaz (Florida Department of Health and Rehabilitative Services), Mary Vadimsky (Vista Del Mar School)
- Pretest-Posttest Evaluation of a Norwegian Reform: The Dysfunctional Effects of Impending Deinstitutionalization. TOR JENSSEN (University of Oslo - Oslo, Norway)

**# 181A**

Invited

Address

9:00 AM - 9:50 AM

Yerba Buena Ballroom

(Salon 3)

**Skills Training Interventions for AD Caregivers: Results of a 5 Year Study**

Chair: David Born (University of Kansas - Lawrence, KS)

Presenter: MICHELLE S. BOURGEOIS (University of Pittsburgh - Pittsburgh, PA), Louis Burgio (University of Alabama), Richard Schulz (University of Pittsburgh - Pittsburgh, PA) .

**# 181B**

Symposium

International

9:00 AM - 10:20 AM

Yerba Buena Ballroom

(Salon 2)

EDC

**Teaching Behavior Analysis: General Issues**

Chair: James Kopp (University of Texas - Arlington, TX)

- Preaching to the Choir, Teaching ABA in Applied Settings. BRUCE G. HAUSER (Beatrice State Developmental Center - Beatrice, NE)
- Auto-Fading in College Students and Other Perplexities. JAMES KOPP (University of Texas - Arlington, TX)
- GRE Part III. PAMELA L. VUNOVICH, Richard Malott (Western Michigan University - Kalamazoo, MI)
- Research as a Resource for the Knowledge of Psychology as a Discipline: A Follow-Up. SEBASTIAN FIGUEROA-RODRIGUEZ, Nancy Jacome-Avila (Universidad Veracruzana - Veracruz, Mexico)

**# 182**

Invited

Address

9:00 AM - 9:50 AM

Yerba Buena Ballroom

(Salon 1)

**Building Fluency with Free-Operant Procedures**

Chair: James Pollard (Mediplex of Lowell, Inc. - Lowell, MA)

Presenter: CARL BINDER (Precision Teaching & Management Systems, Inc. - Newton, MA) .

**# 183**

Symposium

International

9:00 AM - 10:20 AM

Yerba Buena Ballroom

(Salon 10)

VRB

**Future Directions in the Analysis of Verbal Behavior**

Chair: Nelson Rodriguez (Lewis University - Joliet, IL)

Discussant: W. Larry Williams (University of Nevada - Reno, NV)

- Human Sexuality and Verbal Behavior: A Behavior Analytic Perspective. BRYAN ROCHE, Dermot Barnes (University College Cork - Ireland)
- The Analysis of Verbal Behavior: Past, Present and Future. MARK A. SWAIN (University of Nevada - Reno, NV)
- The Promise of Emerging Analysis of Verbal Behavior to Clinical Psychology. KELLY G. WILSON, Steven C. Hayes (University of Nevada - Reno, NV)

**# 184**

International  
Invited Address  
9:00 AM - 9:50 AM  
Yerba Buena Ballroom  
(Salon 11)

**Global Open and Closed Economies: Is National Income Accounting Amenable to a Behavioral Economic Analysis?**

Chair: Steven R. Hursh (Walter Reed Army Institute of Research - Washington, D.C.)

Presenter: ABDULRAZAQ A. IMAM (Behavior Analysis Consultancy Services - Abuja, Nigeria) .

**# 185**

Symposium  
9:00 AM - 10:20 AM  
Yerba Buena Ballroom  
(Salon 12)  
PRM

**Management Innovations**

Chair: Ramona Houmanfar (University of Nevada - Reno, NV)

Discussant: Jon Krapfl (COBA Inc. - Chicago, IL)

- Training the Masses: Large-Scale Instructional Systems. JULIE M. SMITH (The Continuous Learning Group, Inc. - Morgantown, WV)
- Open Book Management in an Academic Setting. LINDA J. HAYES (University of Nevada - Reno, NV)
- Effective Performance Change. MARIA E. MALOTT (Malott & Associates - Kalamazoo, MI), Dick Varnell (Retail Industry), Pamela Roberts (University of North Texas - Denton, TX), Tobias LaFleur (Western Michigan University - Kalamazoo, MI)

**# 186**

Paper Session  
International  
9:00 AM - 10:50 AM  
Yerba Buena Ballroom  
(Salon 13)  
PRM

**Extending Concepts from Basic to Applied Settings**

Chair: Richard Bissett (University of Nevada - Reno, NV)

- Stimulus Equivalence Classes and the Transfer of Psychological Function: Application to the Therapeutic Setting. DAVID R. PERKINS, Lucianne Hackbert (University of New Mexico - Albuquerque, NM)
- The Sensitivity Toward Social Stimuli of Autistic Children Measured by the Generalized Matching Law. SYLVIE DONAIS (University of Quebec in Montreal - Montreal, Quebec, Canada)
- Consumer Choice in Behavioral Perspective: An Examination of Human Choice Behavior Using Internet Buying Simulations to Test Adherence to the Matching Law and the Delay-Reduction. AMY K. RAJALA, Donald A. Hantula (Temple University - Philadelphia, PA)
- The Establishing Operation in OBM: A Useful Concept? JUDY L. AGNEW (Aubrey Daniels & Associates, Inc. - Turlock, CA)

**# 187**  
 Symposium  
 9:00 AM - 10:20 AM  
 Yerba Buena Ballroom  
 (Salon 14)  
 DDA

**Addressing the Social Interaction Skills of Children With Autism: Going Beyond Physical Integration**  
 Chair: Frank Kohler (Allegheny-Singer Research Institute)  
 Discussant: Phillip Strain (University of Colorado)

- Promise and Pitfalls of Conditional Probability Analyses of Children's Social Behavior. GAIL MCGEE, Trevor Paradise (Emory University School of Medicine)
- Addressing Children's IEP Goals Within Routine Classroom Activities: A Context for Facilitating Social Interaction With Peers. FRANK KOHLER (Allegheny-Singer Research Institute), Phillip Strain (University of Colorado)
- Sequential Modification for Improving Social Competence for Students with Autism in Public School Settings. DEBRA KAMPS (Juniper Gardens Children's Project)



**# 188**  
 Symposium  
 9:00 AM - 10:20 AM  
 Nob Hill A  
 TPC

**The Contributions of Evolutionary Biology to Behavior Analysis**

Chair: Kenneth R. Huntley (Excell Center - Turlock, CA)  
 Discussant: Slobodan B. Petrovich (University of Maryland of Baltimore County - Baltimore, MD)

- Selection by Consequences in Evolutionary Biology and Behavior Analysis: Some Parallels and Perils. PAUL THOMAS ANDRONIS (University of Northern Michigan - Marquette, MI)
- Lessons for Behavior Analysts from Evolutionary Biology. KENNETH R. HUNTLEY (Excell Center - Turlock, CA)
- Some Implications of the Panselectionist vs. Naturalist Debate for Biobehavioral Accounts of Complexity. T. V. JOE LAYNG (Macolm X College - Chicago, IL)

**# 189**  
 Symposium  
 International  
 9:00 AM - 9:50 AM  
 Nob Hill B  
 EDC

**Teaching Behavior Analysis: The Graduate-Student Level**

Chair: Janet S. Twyman (Fred S. Keller School - Yonkers, NY)

- The Use of Skinner's "Thinking Aid" in Teaching Graduate Students to Write Literature Reviews. THOMAS ZANE (Russell Sage College)

- The Evaluation of a Research Supervisory System for Students of the University of Veracruz, Mexico. MARCO W. SALAS MARTINEZ, Daniel A. Gomez Fuentes (Veracruz University - Veracruz, Mexico)
- Teaching Behavior Analysis: Diagramming Cultural Practices. MARK A. MATTAINI (Columbia University of Social Work - New York, NY), Janet S. Twyman (Fred S. Keller School - Yonkers, NY)



**# 190**

Invited

Address

9:00 AM - 9:50 AM

Nob Hill C & D

**Developmental Disabilities and Behavior Analysis: Can this Relationship be Saved?**

Chair: Todd E. Risley (University of Alaska - Anchorage, AK)

Presenter: JUDITH E. FAVELL (Au Clair Programs - Mount Dora, FL) .

**# 191**

Symposium

9:00 AM - 10:20 AM

Pacific (Suite A)

CBM

**Using Community Access and Independence as Reinforcers for Traumatically Brain Injured and Developmentally Disabled Populations**

Chair: Paul A. Nau (Bancroft, Inc. - Somerdale, NJ)

Discussant: Terry J. Page (Bancroft, Inc. - Haddonfield, NJ)

- Increased Independence: A Reinforcer in Community-Based Brain Injury Rehabilitation. KIMBERLY D. WILLIS (Bancroft, Inc. - Haddonfield, NJ)
- The Use of Community Access and Independence to Reduce Aggressive and Destructive Behavior of Group Home Residents. JACQUI DOHERTY, Stephen S. Bruce, Paul A. Nau (Bancroft, Inc. - Haddonfield, NJ)
- Using Loss of Independence to Reduce High Risk Behavior in Teenagers with Developmental Disabilities. STEPHEN S. BRUCE, Jacqui Doherty, Paul A. Nau (Bancroft, Inc. - Haddonfield, NJ)
- Maintaining Community Placement by Means of Contingent Independence and Response Cost. MARY JEAN GENDER, Suzanne Piccolo (Bancroft, Inc. - Haddonfield, NJ)



**# 192**

**Paper Session  
International  
9:00 AM - 10:20 AM  
Pacific (Suite B)  
TOX**

## **Studies in Behavioral Pharmacology**

**Chair:** Katherine Holverstott-Cockrell (Eastern Michigan University - Ypsilanti, MI)

- **Opioid Involvement in Prolonged Steady-State Wheel Running: Implications for Activity Anorexia.** W. D. PIERCE, W. F. EPLING, A. Morse, J. C. Russell (University of Alberta - Edmonton, Alberta, Canada)
- **Noncontingent Pretreatment with Caffeine and Ethanol Alter the Rate but not the Patterning of Responding Within a Subsequent Session.** JOHN M. ROLL (University of Vermont - Burlington, VT), Frances K. McSweeney (Washington State University - Pullman, WA)
- **Some Conditioned Motivative Properties of d-Amphetamine.** RODNEY D. CLARK, Joseph D. Iles (Allegheny College - Meadville, PA)



**# 193**

**Symposium  
9:00 AM - 10:20 AM  
Pacific (Suite H)  
DDA**

## **Contributions and Perspectives of Families in Behavior Analysis and Intervention**

**Chair:** Glen Dunlap (University of South Florida - Tampa, FL)

**Discussant:** Glen Dunlap (University of South Florida - Tampa, FL)

- **Using a Consultation Model to Teach Functional Analysis to Parents.** LYNN KERN KOEGEL, ROBERT L. KOEGEL, Kimberly Mullen (University of California at Santa Barbara - Santa Barbara, CA)
- **An Analysis of Self-Report and Physiological Responses of Family Members to Different Topographies of Children's Challenging Behaviors.** LEE KERN, Joyce E. Mauk (University of Pennsylvania - Philadelphia, PA), Glen Dunlap (University of South Florida - Tampa, FL)
- **Embedding Comprehensive Behavioral Support in Family Ecology: A Descriptive, Single-Case Analysis.** JOSEPH M. LUCYSHYN, Richard W. Albin (University of Oregon - Eugen, OR)



**# 194**

**Symposium  
9:00 AM - 10:20 AM  
Pacific (Suite I)  
EAB**

## **New Directions in the Analysis of Human Behavior: Winners of the 1995-1996 EAHB-SIG Student Paper Awards**

**Chair:** Barbara J. Kaminski (West Virginia University - Morgantown, WV)

- Equivalence Class Formation and Complex Stimuli: Emergent Arbitrary Match to Sample Via identity Matching to Complex Samples. SCOTT LANE (Auburn University - Auburn, AL)
- Response Allocation to Stereotypy: Systematic Replication of Green & Striefel (1988) with Students with Mental Retardation. JULIE MCENTEE (University of Kansas)
- The Effects of a Point Loss Contingency on Equivalence. ANDREA PEUSTER (University of North Texas)



## # 195

### Symposium

9:00 AM - 10:50 AM

Pacific (Suite J)

CBM

## **Treating At-Risk Families Within a Behavior Analysis Framework**

Chair: John R. Lutzker (University of Judaism - Los Angeles, CA)

Discussant: George Singer (University of California - Santa Barbara, CA)

- Evaluating Home Safety, Bonding, and Infant Health Care Skill Training on Project SafeCare: An Ecobehavioral Replication. KATHRYN M. BIGELOW (University of Kansas), John R. Lutzker (University of Judaism - Los Angeles, CA), Ronald M. Doctor (California State University - Northridge, CA)
- Treating Children with Chronic Illness. LAURIE POWERS (Oregon Health Sciences University), George Singer (University of California - Santa Barbara, CA)
- The Impact of Five Years of Comprehensive Wrap-Around Family Services. SEBASTIAN "SEB" STRIEFEL (Utah State University)
- Assertiveness Training for Female Victims of Domestic Violence: A Behavior Analysis. YVONNE SAVOV (University of Kansas), Brandon F. Greene (Southern Illinois University - Carbondale, IL)

## # 196

### Symposium

10:00 AM - 11:50 AM

Yerba Buena Ballroom

(Salon 5)

EDC

## **Innovations in the Assessment and Treatment of Severe Behavior Problems**

Chair: Stephanie M. Peck (Gonzaga University - Spokane, WA)

Discussant: Robert H. Horner (University of Oregon)

- Analyzing the Functions of Noncompliance. CRAIG H. KENNEDY, Kim A. Meyer, Smita Shukla (University of Hawaii)

- Utilizing Work- and Play-Based Learning Centers in the Treatment of Severe Behavior Problems. STEPHANIE M. PECK (Gonzaga University - Spokane, WA), David P. Wacker, Wendy Berg, David Richman, Jennette Cook (The University of Iowa), Jennifer McComas (Children's Seashore House), Jill J. Whitman, Maureen Branstetter (Gonzaga University - Spokane, WA)
- A Component Analysis of the Effects of Treatment Variables on Target and Collateral Behavior. DAVID M. RICHMAN, Wendy Berg, David P. Wacker, Tracy Stephens, Barbara Rankin, Jennette Cook (The University of Iowa)
- The Use of High-Probability Requests, Preferred Items, and Reinforcers to Treat Challenging Behavior: Effects on child and Adult Behavior. JOE REICHLE, Carol Davis (University of Minnesota)



# 197

Symposium

10:00 AM - 11:20 AM

Yerba Buena Ballroom

(Salon 3)

DEV

### **Early Intervention for Children with Severe Emotional Handicaps: An Integrative Approach**

Chair: Marisal Reyes Gavilan (Florida International University - Miami, FL)

- Early Intervention for Children with Severe Emotional Handicaps: An Integrative Approach. BLANCA H. GARCIA (Bertha Abess Children Center - Miami, FL)
- Early Intervention for Children with Severe Emotional Handicaps: An Integrative Approach. SASKIA GEARY (Bertha Abess Children Center - Miami, FL)
- Early Intervention for Children with Severe Emotional Handicaps: An Integrative Approach. JAMES GEARY (Florida Diagnostic Learning Resource Systems - Miami, FL)



# 198

Paper Session

10:00 AM - 11:20 AM

Yerba Buena Ballroom

(Salon 1)

PRM

### **Improving Sales and Scholarship Through Behavior Analysis**

Chair: Libby Street (Central Washington University - Ellensburg, WA)

- Evaluation of the Effectiveness of Three Library Instructional Tools / Guides Using Behavior Analysis. JULIE LIEW, Wayne Fuqua (Western Michigan University - Kalamazoo, MI)



- Increasing the Suggestive Sales of Salespeople Working in a Building Materials Store. THOMAS J. ZWICKER, L. Keith Miller (University of Kansas - Lawrence, KS)
- The Stress, Strain, and Work/Rest Cycles of U.S. Navy Aircraft Carrier Flight Deck Personnel During an UN Peacekeeping Mission. DYLAN SCHMORROW (Naval Air Warfare Center, Aircraft Division - Warminster, PA), Claire Portman, David McKay, Robert Stanny (Naval Aerospace Medical Research Laboratory), Douglas Wiegmann (University of North Florida)



### # 199

Invited  
Address

10:00 AM - 10:50 AM  
Yerba Buena Ballroom  
(Salon 11)

### On Behaviorism, Theories, and Hypothetical Constructs

Chair: Sam Leigland (Gonzaga University - Spokane, WA)  
Presenter: JAY MOORE (University of Wisconsin - Milwaukee, WI) .

### # 200

Symposium  
International

10:00 AM - 11:50 AM  
Yerba Buena Ballroom  
(Salon 15)

### Investigation and Intervention in Child Abuse

Chair: Hector Ayala (National Autonomous University of Mexico - Mexico)

- Parents of Abused Children: Interaction for Mothers. ALICIA CHAPARRO, Hector Ayala (Nacional Autonomous University of Mexico - Mexico)
- Parents of Abused Children: Prevention and Treatment of Child Abuse. MONICA FULGENCIO, Hector Ayala (Nacional Autonomous University of Mexico - Mexico)
- Parents of Abused Children: Activity Planning in the Home and Community. S. MORALES, L. Barragan, M. Fulgencio, Hector Ayala (Nacional Autonomous University of Mexico - Mexico)
- Parents of Abused Children: Solution of Conflicts and Reinforcement. L. BARRAGAN, S. Morales, E. Barreto, E. Molina, Y. Chiquini, Hector Ayala (Nacional Autonomous University of Mexico - Mexico)
- Process Evaluation of the Guided Self-Change Treatment Model For Problem Drinkers in Mexico. G. CARDENAS, L. CHEVERRIA, H. Ayala (National University of Mexico - Mexico)

# 201     **Building Comprehensive, Positive School-Wide  
Behavioral Support for Students with Severe Problem  
Behavior**  
Symposium  
10:00 AM - 11:50 AM  
Nob Hill B  
EDC

Chair: George Sugai (University of Oregon - Eugene, OR)  
Discussant: Edward Kameenui (University of Oregon - Eugene, OR)

- Introduction to Positive Behavioral Support for Students with Severe Problem Behavior. GEORGE SUGAI (University of Oregon - Eugene, OR)
- School-Wide Implementation of a Social Skills Training Program. TIM LEWIS, Geoff Colvin, George Sugai, Robert Horner (University of Oregon - Eugene, OR)
- Statewide Systems Change: Developing Positive Behavioral Supports for Students through School Networks. RON NELSON (Eastern Washington University), Geoff Colvin, George Sugai (University of Oregon - Eugene, OR)
- The Effectiveness of Active Supervision on Problem Behavior in Specific School Settings. GEOFF COLVIN, George Sugai (University of Oregon - Eugene, OR)
- Reconceptualizing Behavior Management and Staff Development in Proactive School-Wide Systems. EDWARD KAMEENUI, Geoff Colvin, George Sugai (University of Oregon - Eugene, OR)



# 202     **Behavior Analysis and Outcome Measures for  
Intervention Research with Children with Autism**  
Panel  
Discussion  
10:00 AM - 11:50 AM  
Nob Hill C & D  
DDA

Chair: Michael J. Morrier (Emory Autism Resource Center - Atlanta, GA)  
Panelists:

- GINA GREEN (New England Center for Autism - Southboro, MA)
- AUBYN STAHMER (SUNY Cortland - Cortland, NY)
- PHILLIP S. STRAIN (University of Colorado at Denver - Denver, CO)
- TODD HARRIS (Delaware Autistic Program - Newark, DE)



**# 204**

**Self-Injurious Behavior**

Paper Session

10:30 AM - 11:50 AM

Yerba Buena Ballroom

(Salon 6)

DDA

Chair: Michael Fabrizio (Marshall University - Westover, WV)

- Control and Long-Term Follow Up of Severe Self-Injurious Behavior in an Adult Female with Developmental Disabilities Using a Modified Time-Out Procedure with Differential Reinforcement. RANDY NORRIS, MICHAEL WALSH (Denton State School - Denton, TX)
- Naltrexone and Self-Injurious Behavior: A Retrospective Population Study. BRUCE WEINHEIMER, John A. Casner (Austin State School - Austin, TX), C. Thomas Gualtieri (North Carolina Neuropsychiatry)
- A Within Subject Comparison of Three Treatments for Self-Injurious Behavior Maintained by Sensory Reinforcement. JEFFREY R. SPRAGUE (University of Oregon - Eugene, OR)

**# 205**

**Organizational Consulting: Pushing the Envelope and Bursting the Bubble**

Panel Discussion

10:30 AM - 11:50 AM

Yerba Buena Ballroom

(Salon 4)

PRM

Chair: Roger C. Lubeck (Corporate Behavior Analysts - Chicago, IL)

Panelists:

- CHRISTOPHER HANSON (Corporate Behavior Analysts - Chicago, IL)
- JOSEPH SAVAGE (W. B. Abernathy & Associates - Memphis, TN)

**# 206**

**Measuring Emergent Performances Using Different Units of Analysis in Natural and Laboratory Settings**

Symposium

10:30 AM - 11:50 AM

Yerba Buena Ballroom

(Salon 2)

EAB

Chair: Lanny Fields (The College of Staten Island/CUNY - Staten Island, NY)

Discussant: Grayson Osborne (Utah State University - Logan, UT)

- Evidence for the Intuitive Teaching of Equivalence: 11-30 Months. GARY NOVAK (California State University - Stanislaus, CA)
- The Behavioral Kernel: The Minimal Unit for the Measurement of Stimulus Control in Matching-to-Sample Procedures. LANNY FIELDS (The College of Staten Island/CUNY - Staten Island, NY)

- Nodal Distance Effects in Linked Conditional Discriminations. ANTONIOS VARELAS (Queens College/CUNY - Flushing, NY), Lanny Fields (The College of Staten Island/CUNY - Staten Island, NY), Kenneth F. Reeve, Devorah Rosen, James Belanich, Sharon Hobbie (Queens College/CUNY - Flushing, NY)
- Measuring Pre-Selection Contacts with Sample and Comparison Stimuli During the Formation of Tactile Equivalence Classes. JAMES BELANICH (Queens College/CUNY - Flushing, NY), Lanny Fields (The College of Staten Island/CUNY - Staten Island, NY)



# 207

Symposium

10:30 AM - 11:50 AM

Yerba Buena Ballroom  
(Salon 12)

ELS

### **Leveraging the Power of Behavior Analysis in Business, Education and Society: The Cambridge Center's Efforts and How to Get Involved**

Chair: Betsy J. Constantine (Cambridge Center for Behavioral Studies)

Discussant: Henry Pennypacker (Mammatech, Inc.)

- Behavior Analysis for Business: Business for Behavior Analysts. SHERMAN D. ROBERTS (Cambridge Center for Behavioral Studies)
- Forming Partnerships with Education and Social Service Practitioners. HOWARD N. SLOANE (Cambridge Center for Behavioral Studies)
- New Projects in Education: Opportunities for Behavior Analysts. EDWARD L. ANDERSON (Cambridge Center for Behavioral Studies)
- Behavior and Social Issues: Who We Are, What We Do and Why We Do It. JANET ELLIS (University of North Texas)
- Safety and Behavior: Forming Organizational Partnerships. BETH SULZER-AZAROFF (The Brown Group)

# 208

Symposium

10:30 AM - 11:50 AM

Yerba Buena Ballroom  
(Salon 14)

DDA

### **Facilitating Effective Transitions for Individuals with Severe Behavioral Deficits**

Chair: Frank Bird (The May Institute, Inc. - Revere, MA)

Discussant: Paul Dores (Ramona, CA)

- Creating a Clinically Responsive Environment as a Means to Transition an Individual with Psychiatric Disabilities. JIM SPERRY, Karen Abbe, Frank Bird (The May Institute, Inc. - Revere, MA)

- Towards Independence: A Case Study of a Home-Along Waiver Program with a Dually-Diagnosed Individual. HELENA CARREIRO, Frank Bird (The May Institute, Inc. - Revere, MA)
- Creating a Communication-Based Program to Facilitate an Effective Transition. KELLIE WARD, Edward Kitfield, Frank Bird (The May Institute, Inc. - Revere, MA)



## # 209

Symposium  
International  
10:30 AM - 11:50 AM  
Nob Hill A  
TPC

## Social Contingencies of Religion

Chair: Bernard Guerin (University of Waikato - Hamilton, New Zealand)

Discussant: W. David Pierce (University of Alberta - Alberta, Canada)

- The Role of the Group in Social Contingencies: How to Reverse Almost Every Explanation of Religious Behavior. BERNARD GUERIN (University of Waikato - Hamilton, New Zealand)
- The Role of Religious Practices in Cultural Evolution. RAMONA HOUMANFAR, Linda J. Hayes (University of Nevada - Reno, NV)



## # 210

Symposium  
10:30 AM - 11:50 AM  
Pacific (Suite A)  
CBM

## A Behavioral Analysis of the Active Components of the Therapeutic Relationship

Chair: William C. Follette (University of Nevada - Reno, NV)

Discussant: Robert J. Kohlenberg (University of Washington - Seattle, WA)

- A Behavioral Analysis of the Therapeutic Relationship. WILLIAM C. FOLLETTE, Glenn M. Callagham, Amy E. Naugle (University of Nevada - Reno, NV)
- Useful Constructions of the Client-Therapist Relationship. AMY E. NAUGLE, Glenn M. Callagham, William C. Follette (University of Nevada - Reno, NV)
- The Importance of the Therapist's Repertoire in Functional Analytic Psychotherapy. JOAQUIN BORREGO, JR., Glenn M. Callagham, Amy E. Naugle, William C. Follette (University of Nevada - Reno, NV)

**# 211 Autism, Communication, and Social Interaction: Recent Research**

Symposium  
10:30 AM - 12:20 PM  
Pacific (Suite B)  
DDA

Chair: Gary M. Sasso (University of Iowa)

Discussant: Richard E. Shores (University of Kansas)

- Increasing Spontaneous Speech in Individuals with Autism. JANINE PECK, K. Jolivette, G. M. Sasso (University of Iowa)
- Analysis of Videotaped Behavioral Probes for Monitoring the Effects of Peer Networks for Students with Autism. DEBRA M. KAMPS (Juniper Gardens Children's Project, University of Kansas)
- Self-Management as a Strategy to Improve Social Competence for Students with Autism. KATHLEEN KELLY (Center for Autism and Related Disabilities - Jacksonville, FL)
- Utilization of a Peer Network Strategy to Teach Social-Communicative Behaviors to Students with Autism. LINDA GARRISON HARRELL, Debra M. Kamps, Tamara Kravits, Dale Blesz, Charles R. Greenwood (Southwest Missouri State University and Juniper Gardens Children's Project)



**# 212 Expanding the Scope of Functional Analysis: New Applications and Directions**

Symposium  
10:30 AM - 11:50 AM  
Pacific (Suite H)  
DDA

Chair: Terry J. Page (Bancroft, Inc. - Haddonfield, NJ)

Discussant: Paul A. Nau (Bancroft, Inc. - Haddonfield, NJ)

- A Situational Analysis of Severe Problem Behavior. ANNE S. KUPFER (May Institute - Randolph, MA)
- Choice-Making in the Treatment of Multiply Controlled Aberrant Behavior. ZBIGNIEW GALONKA (Bancroft, Inc. - Haddonfield, NJ)
- Functional Analysis of Behaviors Characteristic of Individuals with Fetal Alcohol Syndrome: Augmenting Behavioral Observation with Neuropsychological Assessment. KATHY DYER, Gregory M. Alberts, George W. Niemann (Bancroft, Inc. - Haddonfield, NJ)
- Functional Analysis with Behavior Problems Secondary to Brain Injury: Evaluating Antecedent and Consequent Variables. KIMBERLI R. TREADWELL, Terry J. Page (Bancroft, Inc. - Haddonfield, NJ)

**# 213**

Paper Session

10:30 AM - 11:50 AM

Pacific (Suite I)

EAB

**Select Topics in Human Operant Behavior**

Chair: Randall A. Roark (Florida International University - Miami, FL)

- Effects of Prior Reinforcement, Recency, and Repetitions, on Resurgence. FRANCIS MECHNER, C. Sales, P. Balsam (Barnard College of Columbia University - New York, NY)
- Superstitious Math Performance: Interactions Between Rule-Governed and Direct-Acting Contingencies Following Three Schedules of Reinforcement. CHRIS NINNESS, Sharon K. Ninness (Austin State University - Nacogdoches, TX)
- The Learned Base-Rate Error: A Behavior-Analytic Approach to a Phenomenon Normally Studied by Cognitivists. ADAM S. GOODIE (University of California - San Diego, CA)

**# 214**

Paper Session

International

11:00 AM - 11:50 AM

Yerba Buena Ballroom

(Salon 11)

TPC

**Computer Simulations of Operant and Classical Conditioning Phenomena**

Chair: Tom Sharpe (University of Nebraska - Lincoln, NE)

- Cyber Rat: Methodological Lessons Learned from Designing an Interactive Digital Video Laboratory Simulation for Operant Conditioning. ROGER D. RAY (Rollins College - Winter Park, FL)
- Computational Explorations of the Evolution of Pavlovian Discrimination in Artificial Neural Networks. JOSE E. BURGOS (Andres Bello Catholic University - Caracas, Venezuela)

**# 215**

Paper Session

11:00 AM - 11:50 AM

Yerba Buena Ballroom

(Salon 13)

EAB

**Gender-Related Influences on Behavior**

Chair: Kelly Wilson (University of Nevada - Reno, NV)

- Aggression Measured in the Laboratory Differs as a Function of Menstrual Cycle Phase in Women. DONALD M. DOUGHERTY, James M. Bjork, Don R. Cherek, F. Gerard Moeller (University of Texas - Houston, TX)
- Sex Differences in Human Operant Performance. W. SCOTT WOOD, TIMOTHY F. ELSMORE, Jessica Leggott, Terrence Mongoven (Drake University - Des Moines, IA)

**# 216 Sexuality and Disability**

Panel Discussion  
11:00 AM - 11:50 AM  
Pacific (Suite J)  
CMB

Chair: Michael D. Wesolowski (Florida Department of Health and Rehabilitative - Miami, FL)

Panelists:

- SANDY MACLEOD (Community Environments, Inc. - Miami, FL)
- ARNIE ZENCIUS (Premier of Chicago Rehabilitation Center - Downers Grove, FL)
- STEVE LYDON (Premier of Chicago Rehabilitation Center - Downers Grove, FL)



**# 217**

**Integrating Basic and Applied Research**

Symposium  
12:00 PM - 1:50 PM  
Yerba Buena Ballroom  
(Salon 7)  
EAB

Chair: Jennifer J. McComas (University of Pennsylvania Center for Health Sciences)

Discussant: Richard L. Shull (University of North Carolina)

- Choice in a Self-Control Paradigm: Effects of Reinforcer Quality. LORI-ANN B. FORZANO (SUNY at Brockport)
- The Effects of Amount of Reinforcement and Response Effort on Response Allocation and Compliance in Young Children with Feeding Disorders. LINDA J. COOPER, David P. Wacker, Kimberly Brown, Krista Kayser, Barbara Rankin (The University of Iowa)
- Does DRA Increase Resistance to Extinction? F. CHARLES MACE (The University of Pennsylvania Center for Health Sciences)
- Potential Solution to the Adverse Effects of Alternative Reinforcement. JENNIFER J. MCCOMAS, F. Charles Mace, Benjamin Mauro (The University of Pennsylvania Center for Health Sciences)



**# 218**

**Research Studies and Technical Assistance Efforts Concerning Proactive Antecedent Interventions for Challenging Behavior**

Symposium  
12:00 PM - 1:20 PM  
Yerba Buena Ballroom  
(Salon 6)  
DDA

Chair: Joe Reichle (University of Minnesota - Minneapolis, MN)

Discussant: Wendy Berg (University of Iowa - Iowa City, IA)

- A Model for Providing Technical Assistant to Teachers Concerning Proactive and Antecedent Interventions for Challenging Behavior. ROBERT O'NEILL (University of Utah), Joe Reichle, Carol Davis (University of Minnesota - Minneapolis, MN)



- Comparing the Efficiency of Making Choices in Decelerating Escape-Motivated Challenging Behavior. JOE REICHLE, Carol Davis (University of Minnesota - Minneapolis, MN)
- Examining the Efficiency of Requests for Assistance in Concurrently Replacing Escape- and Tangible-Motivated Challenging Behavior. JOE REICHLE, Carol Davis (University of Minnesota - Minneapolis, MN)



## # 219

### Symposium

12:00 PM - 1:20 PM  
Yerba Buena Ballroom  
(Salon 4)  
PRM

## **Teaching Behavior Analysis: How OBM Consultants Teach Behavior Analysis to Their Clients**

Chair: Cloyd Hyten (University of North Texas - Denton, TX)

- Aubrey Daniels & Associates' Approaches to Teaching PM. JUDY L. AGNEW (Aubrey Daniels & Associates, Inc. - Turlock, CA)
- The Concepts of Behavioral Safety. TERRY E. McSWEEN (Quality Safety Edge - Missouri City, TX)
- Teaching Behavior Analysis in Corporate Settings. WILLIAM K. REDMON (Continuous Learning Group, Inc. - Coraopolis, PA)



## # 220

### Symposium

12:00 PM - 1:50 PM  
Yerba Buena Ballroom  
(Salon 3)  
DEV

## **Behavior Analysis with Older Adults: Home, Community, and Residential Settings**

Chair: Mark Mathews (University of Kansas - Lawrence, KS)

- Discussant: Michelle S. Bourgeois (University of Pittsburgh - Pittsburgh, PA)
- Prompting Completion of Advanced Health-Care Directives: Encouraging End of Life Decision Making. KIMBER RICHTER, Sondra Langel, Adrienne Paine-Andrews, Lucia Biehler, Vincent Francisco, Kari Harris, Rhonda Lewis, Stephen Fawcett (University of Kansas - Lawrence, KS)
  - The Effects of Prompts, Activity Days, and Incentive Days on Attendance at a Senior Meal Site. TOM GALLEGOS (Washburn University - Topeka, KS), Mark Mathews (University of Kansas - Lawrence, KS)
  - Reducing Incontinence with Community-Dwelling Adults with Alzheimer's Disease. VINCENT ADKINS, Mark Mathews (University of Kansas - Lawrence, KS)

- The Impact of Elder Cottage Housing on Older Adults and Their Caregivers. MARK MATHEWS, Deborah Altus, Nancy Gnotta, Pam Xaverius (University of Kansas - Lawrence, KS)
- Increasing the Participation of Individuals Attending the Morning News Session in an Adult Day Care Program. DAVID G. BORN, Campbell D. Thompson (University of Kansas - Lawrence, KS)

#### # 221 **Techniques for Analyzing and Improving Verbal Behavior**

Paper Session  
12:00 PM - 1:20 PM  
Yerba Buena Ballroom  
(Salon 10)  
VRB

Chair: Ralph Gardner (Ohio State University - Columbus, OH)

- A Functional Analysis of Intraverbal Units Within Ongoing Conversation. GENAE HALL, STEVE WERK (Agnews Developmental Center - San Jose, CA)
- Performance Management and Training / Verbal Behavior. TINA M. CLAYTON, Linda J. Hayes, Steve C. Hayes, Stephen C. Moore (University of Nevada - Reno, NV)
- Teaching Advocacy Letter Writing Skills to Individuals with Disabilities. RICHARD J. THOMSON, Glen White (University of Kansas - Lawrence, KS)

#### # 222 **Analyses of Operant Behavior in Children with Disabilities**

Paper Session  
12:00 PM - 12:50 PM  
Yerba Buena Ballroom  
(Salon 12)  
EDC

Chair: Corrine Donley (University of Wisconsin - Oshkosh, WI)

- Effect of a High-Probability Request Sequence on Compliant Responding and the Latency to Respond to Requests of Preschool Children with Developmental Delays. KIM KILLU (Special Tree Rehabilitation - Birmingham, MI), Diane M. Sainato (Ohio State University - Columbus, OH), Carol Ann Davis (University of Minnesota), Heidi Ospelt, Jennifer Neely (Ohio State University - Columbus, OH)
- Research on Behavioral Momentum with Preschool Children with Disabilities. BENJAMIN LIGNUGARIS/KRAFT, Rosa Milagros Santos, Jennifer Akers (Utah State University -Logan, UT)



**# 223 Choice in Rats and Pigeons**

Paper Session  
12:00 PM - 12:50 PM  
Yerba Buena Ballroom  
(Salon 13)  
EAB

Chair: Vicki Madaus-Knapp (Eastern Michigan University - Ypsilanti, MI)

- Parametric and Pharmacological Variables Affecting Risky Choice in Rats. BARBARA J. KAMINSKI (West Virginia University - Morgantown, WV), Nancy A. Ator (Johns Hopkins University School of Medicine - Baltimore, MD)
- Nonreplication of Preference for Uncertainty. DAVID A. CASE (University of California - San Diego, CA)



**# 224**

Paper Session  
12:00 PM - 12:50 PM  
Yerba Buena Ballroom  
(Salon 14)  
ELS

**Death, Dying, and Development Disabilities**

Chair: Carol Pilgrim (University of North Carolina - Wilmington, NC)

- Addressing Responses to Death of Persons with Developmental Disabilities. DEBORAH GROSSETT (Center for the Retarded, Inc. - Houston, TX)
- Death and Grief: Teaching Developmentally Delayed Individuals the Concept and Language of Mourning. KAREN R. DOWDING (Private Practice - Merritt Island, FL)

**# 225**

Panel Discussion  
12:00 PM - 1:20 PM  
Yerba Buena Ballroom  
(Salon 15)  
EDU

**Out of Sight Out of Mind: Should Behavioral Graduate Programs Actively Support and Value Issues of Cultural Diversity?**

Chair: Joaquin Borrego, Jr. (University of Nevada - Reno, NV)

Panelists:

- NEGAR NICOLE SAEDI (University of Nevada - Reno, NV)
- WINIFRED JU (University of Nevada - Reno, NV)
- DOSHEEN TOARMINO (University of Nevada - Reno, NV)
- ARMIDA RUBIO-KUHNERT (University of Nevada - Reno, NV)



**# 226**

Paper Session  
International

12:00 PM - 1:20 PM

Nob Hill A

TPC

**Biology, Neuro-Science, and Behavior Analysis**

Chair: Charles Salzberg (Utah State University - Logan, UT)

- On the Nature of the Relationships Between Behavior Analysis and the Neurosciences (or Why We Should Not be Afraid of Reductionism). JOSE E. BURGOS (Andres Bello Catholic University - Caracas, Venezuela), Rocio Vegas (Central University of Venezuela - Caracas, Venezuela)
- What Evolutionary Biology and Behavior Analysis Can Learn from Each Other. MATT J. MORRIS (Emory University - Atlanta, GA)
- Neuroscience and Behavior Analysis: The Twain Should Meet. HENRY D. SCHLINGER, JR. (Western New England College - Springfield, MA)

**# 227**

Symposium

12:00 PM - 1:20 PM

Nob Hill B

EDC

**Teaching Behavior Analysis: What Should the Textbook Do?**

Chair: Gerald Mertens (St. Cloud State University - St. Cloud, MN)

- Behavior Analysis Text Books: Not Just for Behavior Analysts. A. CHARLES CATANIA (University of Maryland Baltimore County - Catonsville, MD)
- Monitoring Behavior (3rd edition). STEVE GRAF (Youngstown State University, Youngstown, OH)
- The Textbook as "Teaching Machine". PAUL CHANCE (Cambridge Center for Behavioral Studies - Cambridge, MA)
- What Can the Text Book Do? RICHARD W. MALOTT (Western Michigan University - Kalamazoo, MI)

**# 228A**

Symposium

12:00 PM - 1:50 PM

Pacific (Suite H)

DDA

**Developing Treatments Based on Functional Analysis**

Chair: Timothy R. Vollmer (Louisiana State University - Baton Rouge, LA)

Discussant: Judy Favell (Au Claire Palms - Mt. Dora, FL)

- Noncontingent Reinforcement as Treatment for Tangible-Maintained Problem Behavior. JOSEPH S. LALLI (University of Pennsylvania School of Medicine - Philadelphia, PA), Sean D. Casey, Kelly Kates (Children's Seashore Hospital)

- Evaluation of the "Control Over Reinforcement" Component in Functional Communication Training. SUNGWOO KAHNG, Brian A. Iwata, Iser DeLeon, April Worsdell (University of Florida - Gainesville, FL)
- Analysis of Differential Reinforcement Treatment Strength. HENRY S. ROANE, Timothy R. Vollmer, Bethany A. Marcus, Joel E. Ringdahl (Louisiana State University - Baton Rouge, LA)
- The Application of Matching Theory to Behavior Maintained by Automatic Reinforcement. JENNIFER M. ASMUS, David P. Wacker, David Richman, Linda J. Cooper, Jay Harding, Wendy Berg, and Marc Andelman (University of Iowa - Iowa City, IA)
- A Multiple Component Treatment of Pica for Cigarettes. HAN-LEONG GOH, Brian A. Iwata, SungWoo Kahng (University of Florida - Gainesville, FL)
- Analysis of Intermittent Punishment Schedules as Treatment for Self-Injury. DOROTHEA C. LERMAN (Krieger Institute and Johns Hopkins University School of Medicine - Baltimore, MD), Brian A. Iwata, Bridget A. Shore (University of Florida - Gainesville, FL)



## # 228B

Invited

Panel Discussion

12:00 PM - 1:20 PM

Pacific (Suite J)

CBM

## What is Clinical Behavior Analysis?

Chair: Robert W. Montgomery (Georgia State Univesity)

Panelists:

- STEVEN C. HAYES (University of Nevada - Reno, NV)
- ROBERT J. KOHLENBERG (University of Washington)
- LEO J. REYNA (Nova Southeastern University)
- KURT SALZINGER (Hofstra University - Hempstead, NY)

## # 229

Symposium

1:00 PM - 2:50 PM

Yerba Buena Ballroom

(Salon 5)

EDC

## Applied Research Driven by Basic Science

Chair: R. Douglas Greer (Columbia University)

- Single Alternative Environments: The Matching Theory and Aberrant Behavior. ROSA C. MARTINEZ (Columbia University Teachers College)
- Effects of Mastery and Fluency. RACHEL L. KELLY, R. DOUGLAS GREER (Columbia University Teachers College)
- Vicarious Reinforcement. R. DOUGLAS GREER (Columbia University Teachers College), Catherine S. Sales (Columbia University and the Fred S. Keller School)

- Motivation and the Tact: An Analysis of Potentiating Variables and Their Effect on Tact Operants. JANET S. TWYMAN (Fred S. Keller School and Columbia University Teachers College)
- Teacher Training and Effective Instruction. DOLLEEN-DAY KEOHANE (Columbia University Teachers College)
- Functional Relationship between the Antecedent Component of the Learn Unit and Correct Academic Responses. SALLY HOGIN (Columbia University Teachers College)

**# 230**

Symposium

1:00 PM - 2:50 PM

Yerba Buena Ballroom

(Salon 2)

EAB

**Stimulus Equivalence, Functional Equivalence and the Transfer of Function**

Chair: Michael J. Dougher (University of New Mexico - Albuquerque, NM)

Discussant: Carol Pilgrim (University of North Carolina at Wilmington)

- Stimulus and Functional Equivalence. DAVID GREENWAY (University of Southwestern Louisiana), Michael Dougher (University of New Mexico), Edelgard Wulfert (SUNY at Albany)
- Transfer of a Novel Discriminative Function via Functional Equivalence Classes in Long-Evans Rats. MICHAEL MARKHAM (Florida International University)
- Contextual Control over the Acquisition of New Psychological Function. DAVID R. PERKINS, Michael Dougher, Carmenne Chiasson (University of New Mexico), David E. Greenway (University of Southwestern Louisiana), Lucianne Hackbert (University of New Mexico)
- A Review of Recent Work in the Transfer of Respondent Functions within Stimulus Equivalence Classes: Basic Science and Clinical Implications. ERIK AUGUSTSON (University of Alabama at Birmingham Medical School)



**# 231A**

Invited

Address

1:00 PM - 1:50 PM

Yerba Buena Ballroom

(Salon 11)

**Bringing About Change in a State's System for Serving the Need of Families with Chronically Ill Children**

Chair: Joseph Lucyshyn (University of Oregon)

Presenter: GEORGE SINGER (University of California - Santa Barbara, CA)

**# 231B**

Special Event  
1:00 PM - 2:50 PM  
Nob Hill C & D

**Israel Goldiamond: A Most Scientific Life**

Chair: T.V. Joe Layng (Malcolm X College - Chicago, IL)  
Discussants:

- PAUL T. ADRONIS (Malcolm X College - Chicago, IL)
- JACK MICHAEL (Western Michigan University - Kalamazoo, MI)
- T.V. JOE LAYNG (Malcolm X College - Chicago, IL)

**# 232****SQAB**

Invited Tutorial III  
1:00 PM - 1:50 PM  
Pacific (Suite I)

**From Basics to Contemporary Paradigms: Neural Networks**

Chair: John Moore (University of Massachusetts - Amherst, MA)

Presenter: NESTOR SCHMAJUK (Duke University - Durham, NC)

**# 233A**

Paper Session  
1:30 PM - 2:50 PM  
Yerba Buena Ballroom  
(Salon 1)  
PRM

**Performance Management: Models and Methods**

Chair: Winifred Ju (University of Nevada - Reno, NV)

Discussant: Norman Sidley (Minneapolis, MN)

- A Diagnostic Model of Performance Analysis. JOHN AUSTIN, JON S. BAILEY (Florida State University - Tallahassee, FL)
- Using Verbal Protocol Analysis to Examine Performance Analysis: Some Preliminary Findings. JOHN AUSTIN, Jon S. Bailey (Florida State University - Tallahassee, FL)
- Toward Improving Workplace Performance: A Model of Behavior and Intervention. DANIEL J. BAKER, Richard W. Albin, Robert H. Horner (University of Oregon - Eugene, OR)

**# 233B****Symposium**

1:30 PM - 2:50 PM  
Nob Hill A  
EDC

**Teaching Behavior Analysis: The Principles of Behavior for Undergraduates**

Chair: Vaughn T. Mawhinney (Indiana University - South Bend, IN)

- Using a Shaping Project to Teach and Apply Principles of Behavior Analysis. STEPHEN FLORA (Youngstown State University - Youngstown, OH)
- The ABCs of Introductory Behavior Analysis. RODNEY D. CLARK (Allegheny College)

- Saving Undergraduates by Converting Them to Radical Behaviorism and Leading Them into a Career in Behavior Analysis. JOSE MARTINEZ-DIAZ (Department of Health and Rehabilitative Services and Florida Institute of Technology), Amy Koppekin (Brevard County Schools), Chapa Dickson (Threshold, Inc.), Jasmina Zivkovic (ARC Brevard, Inc.), Wendy Jacobs (Florida Institute of Technology), Laurie LaBerge (Osceola Health Care)
- Using a Structured Seminar to Teach the Principles of Behavior Analysis. MATTHEW L. MILLER, Pamela L. Vunovich, Richard W. Malott (Western Michigan University - Kalamazoo, MI)



**# 234**

Symposium

2:00 PM - 3:50 PM

Yerba Buena Ballroom

(Salon 7)

DDA

**Issues Concerning Escape-Motivated Behavior: Perspectives, Limitations and Refinement**

Chair: Raymond G. Romanczyk (Institute for Child Development, State University of New York)

Discussant: Sandra Harris (Rutgers University)

- Gaze Aversion in Developmental Disabilities: Escape, Avoidance, or Misperceived Function. STEPHANIE LOCKSHIN (Institute for Child Development)
- Functional Analysis of Escape Behavior: Complexity of Patterns. AMY MATTHEWS (State University of New York at Binghamton)
- Refinement of Functional Analysis Categories: An Extension to Selection of Classroom Learning Groups. TAMRA WEINER (State University of New York at Binghamton)
- Functional Analysis and Treatment of Severe Behavior Problems Maintained by Social Avoidance. JILL TAYLOR (The Center for Research and Public Policy Resley Ridge Schools)



**# 235**

Symposium

2:00 PM - 3:50 PM

Yerba Buena Ballroom

(Salon 8)

DEV

**Recent Operant Learning Studies with Human Infants**

Chair: John S. Watson (University of California - Berkeley, CA)

Discussant: Maricel Cigales (Florida International University - Miami, FL)

- Newborn Auditory Perception as Assessed via Operant Learning. ANGELA G. SHOUP (Texas Tech University, Health Services Center - Lubbock, TX)
- Operant Analysis of Speech Perception in Newborns. MICHELLE ALDRIDGE (University of Texas at Dallas - Dallas, TX)



- Parallel Processing in the Newborn: Contingency Detection and Perceptual Learning. TOM BOWER (University of Texas - Richardson, TX)
- Infant Operant Learning in Natural Settings. JACOB L. GEWIRTZ (Florida International University - Miami, FL)



### # 236

Invited

Address

2:00 PM - 2:50 PM

Yerba Buena Ballroom

(Salon 9)

### **Producing Higher Order Thinking by Middle School Students**

Chair: Dan Hursh (West Virginia University - Morgantown, WV)

Presenter: DOUG CARNINE (University of Oregon - Eugene, OR) .



### # 237

Paper Session

2:00 PM - 3:20 PM

Yerba Buena Ballroom

(Salon 6)

DDA

### **Assessment and Treatment of Genetically Based Disorders**

Chair: John Cooper (Ohio State University - Columbus, OH)

- Prader-Willi Syndrome: Convergent Validity of Accelerometer-Measured 24-Hour Activity Level. BRUCE L. BAKKE, Paul V. Snyder (University of Minnesota - Minneapolis, MN)
- Influence of Behavior Analytic Techniques on a Genetic Disorder (Prader-Willi Syndrome). ANTHONY CASTROGIOVANNI, Matthew Andrzejewski (Chimes Metro, Inc. - Newark, DE)
- Tuberous Sclerosis: A Behavioral Challenge. JENNY M. TURNER (Mediplex Rehab - Seattle, WA)



### # 238

Symposium

2:00 PM - 3:20 PM

Yerba Buena Ballroom

(Salon 4)

PRM

### **Behavior Analysis of Issues in Physical Fitness**

Chair: Bobby Newman (Association in Manhattan for Autistic Children - New York, NY)

Discussant: Bobby Newman (Association in Manhattan for Autistic Children - New York, NY)

- Patterns of Family Stress in Youth Tennis Players. LORENZO AZZI, MICHAEL FATIS (Mankato State University - Mankato, MN)
- Behavior Analysis and Sport Climbing. RICHARD K. FLEMING (Auburn University - Auburn, AL)
- If You Build It, They Still Won't Come: A School-Sponsored Smoking Clinic Accompanying a School-Wide Smoking Ban. DANA REINECKE (Queens College - Flushing, NY), Bobby Newman (Association in Manhattan for Autistic Children - New York, NY), Nancy S. Hemmes (Queens College - Flushing, NY)



# 239

Paper Session

2:00 PM - 2:50 PM

Yerba Buena Ballroom  
(Salon 10)  
TPC

### Science Methodology and Philosophy

Chair: Betty Fry Williams (Gonzaga University - Spokane, WA)

- Some Rarities and Oddities in the Representation of Behaviorism in Textbooks. JAMES T. TODD (Eastern Michigan University - Ypsilanti, MI)
- Philosophy of Science Made Easy: A Review of Moore's Science as a Way of Knowing. SUSAN M. SCHNEIDER (St. Mary's College of Maryland - St. Mary City, MD)



# 240

Invited

Address

2:00 PM - 2:50 PM

Yerba Buena Ballroom  
(Salon 11)

### Behaviorological Thanatology: New Ethics of Death and Dying from a New Discipline

Chair: Richard F. Rakos (Cleveland State University - Cleveland, OH)

Presenter: LAWRENCE E. FRALEY (West Virginia University - Morgantown, WV) .



# 241

Invited

Symposium

2:00 PM - 3:20 PM

Yerba Buena Ballroom  
(Salon 12)

### Feminism and Radical Behaviorism: Bridging an Alliance

Chair: Maria R. Ruiz (Rollins College - Winter Park, FL)

Discussant: Edward K. Morris (University of Kansas - Lawrence, KS)

- Behavior Analysis and Feminist Practice: A Congenial Partnership. MARIA R. RUIZ (Rollins College - Winter Park, FL)
- The History of Affection in Behaviorism: A Feminist Perspective. KATHLEEN ZANOLLI (University of Kansas - Lawrence, KS)
- An Analysis of Sexism as Individual Behavior and Cultural. PATRICIA M. DALY (Ohio Dominican College - Columbus, OH)



# 242

Paper Session

2:00 PM - 4:00 PM

Yerba Buena Ballroom  
(Salon 13)  
EAB

### Applications of the Matching Law

Chair: Marcie Desrochers (College of Charleston)

- Matching Theory, Momentary Maximization, and the Changeover Requirement. MICHAEL B. EHLERT (Brigham Young University - Provo, UT)
- Evaluating Haloperidol in Choice Situations with Physical Travel Requirements. CARLOS F. APARICIO, KIRK DAVIS (University of Mississippi - University, MS)
- Physical Travel Requirements Produce Overmatching in Choice Situations. CARLOS F. APARICIO (University of Mississippi - University, MS)

- Manipulation Retention Interval and Intertrial Interval Durations in a Differential-Outcomes. JOSEF A. HARTL, Edmund Fantino (University of California - San Diego, CA)
- Preference for Variability in the Adjusting-Delay Procedure and Concurrent Chains. RANDOLPH C. GRACE (University of New Hampshire - Durham, NH)



**# 243**

Invited  
Address

2:00 PM - 2:50 PM  
Yerba Buena Ballroom  
(Salon 14)

**Beyond Consequences: Stimulus Control and the Rapidly Changing Role of Behavior Analysis in Developmental Disabilities**

Chair: James Peters (Morningside Academy - Seattle, WA)  
Presenter: PAUL E. TOUCHETTE (University of California - Irvine, CA) .



**# 244**

International  
Invited Address

2:00 PM - 2:50 PM  
Yerba Buena Ballroom  
(Salon 15)

**On Characterizing the Economic Continuum**

Chair: George H. Collier (Rutgers - The State University)  
Presenter: ABDULRAZAQ A. IMAM (Behavior Analysis Consultancy Services - Abuja, Niger) .

**# 245**

Symposium  
2:00 PM - 3:50 PM  
Nob Hill B  
EDC

**Teaching Behavior Analysis: Designing Effective Coursework in Teacher Preparation Programs**

Chair: Ronald C. Martella (Eastern Washington University - Cheney, WA)

Discussant: Nancy Marchand-Martella (Eastern Washington University - Cheney, WA)

- Teaching a Behavior Analytic Classroom Management Course. RANDY LEE WILLIAMS (Gonzaga University - Spokane, WA)
- An Innovative Approach to Teaching an Assessment of Exceptional Learners Course. TERRY LOU MILLER (University of Colorado at Colorado Springs - Colorado Springs, CO)
- Innovative Approaches to Teaching Applied Behavior Analysis in Introductory Teacher Preparation Courses. BETTY A. HALLENBECK, ROBERT MORGAN (Utah State University - Logan, Utah)
- The Function and Structure of Practica in Teacher Education Programs. BENJAMIN LIGNUGARIS/KRAFT (Utah State University - Logan, Utah)



**# 246**

**A Behavioral Analysis of Informed Consent**

Invited

Chair: Robert W. Montgomery (Georgia State University)

Address

Presenter: KURT SALZINGER (Hofstra University - Hempstead, NY) .

2:00 PM - 2:50 PM

Pacific (Suite A)



**# 247**

**Interdisciplinary and Team Approaches to Complex Problems in Developmentally Disabled Persons**

Paper Session

Chair: Duane Isava (Florida International University - Miami, FL)

2:00 PM - 2:50 PM

Pacific (Suite B)

- Behavioral Diagnostic with Interdisciplinary Teams: Using Quality Improvement "Tools" to Achieve Consensus on Diagnostic Hypotheses. DON R. THOMAS, Patricia S. McGuire (Lincoln Developmental Center - Lincoln, IL)
- Development of Effective Treatment Approaches for Mentally Retarded Offenders. CARLA A. RATTI, Christie Enzinna (Behavior Treatment and Training Center - Richmond, TX)



**# 248**

**From Basics to Contemporary Paradigms: Dynamics**

SQAB

Chair: M. Jackson Marr (Georgia Institute of Technology - Durham, NC)

Invited Tutorial IV

2:00 PM - 2:50 PM

Pacific (Suite I)

Presenter: JOHN E. R. STADDON (Duke University - Durham, NC)



**# 249**

**Treating the Untreatable: An Applied Behavioral Approach to the Treatment of Resistive Schizophrenia**

Symposium

Chair: Keven M. Schock (University of the Pacific - Stockton, CA)

2:00 PM - 3:20 PM

Pacific (Suite J)

CBM

- Treating Resistive Schizophrenia: An Applied Behavioral Approach to Treatment. KEVEN M. SCHOCK (University of the Pacific - Stockton, CA)
- The Effects of a Short-Term Behavioral Residential Treatment Program for Treatment Resistive Schizophrenia. HOLLY A. BROWNING (University of the Pacific - Stockton, CA)
- Enhancing Behavioral Treatment Methodologies in Traditionally Nonbehavioral Treatment Environments. CRIS T. CLAY (University of the Pacific - Stockton, CA)
- Community Effects of Treating the Untreatable. MARTIN GIPSON (University of the Pacific - Stockton, CA)



**# 251**

Invited

Address

3:00 PM - 3:50 PM

Yerba Buena Ballroom  
(Salon 9)

**Establishing a Role for Science in Education: Paving the Way for Behavior Analysis**

Chair: Dan Hursh (West Virginia University - Morgantown, WV)

Presenter: DOUG CARNINE (University of Oregon - Eugene, OR) .

**# 252A**

Symposium

International

3:00 PM - 4:20 PM

Yerba Buena Ballroom  
(Salon 5)  
EDC

**Teaching Behavior Analysis: Teaching the Principles of Behavior Analysis to Undergraduates**

Chair: Marco W. Salas Martinez (Universidad Veracruzana and Secretaria de Educacion y Cultura - Veracruz, Mexico)

- Some Implications of Undergraduate Degree Programs in Behavior Analysis. RICHARD SMITH (University of North Texas - Denton, TX)
- Teaching Applied Behavior Analysis and Experimental Research to Elementary School Teachers. MARCO W. SALAS MARTINEZ, Francisco Ceballos Ramirez (Universidad Veracruzana and Secretaria de Educacion y Cultura - Veracruz, Mexico)
- What Good is One Undergraduate Course in Behavior Modification? LAURA FREDRICK (Georgia State University - Atlanta, GA)
- Using a Structured Seminar to Teach Applied Behavior Analysis. TOBIAS LAFLEUR, Richard W. Malott (Western Michigan University - Kalamazoo, MI)

**# 252B**

Symposium

3:00 PM - 4:50 PM

Yerba Buena Ballroom  
(Salon 3)  
PRM

**Loss Control World: Approaches to Health & Safety**

Chair: Mark Alavosius (Abacus Management Group, Inc. - Cranston, RI)

Discussant: Beth Sulzer-Azaroff (The Browns Group Inc. - Storrs, CT)

- Behavior is the Bottom Line: Cost Accounting Principles for Behavioral Safety. ELLYN G. BRECHER, Donald A. Hantula (Temple University -Philadelphia, PA)
- Safety Engineering: Assessment and Correction of Workplace Hazards. JOHN RUBENS, A. E. Adams, Michael Follick (Abacus Management Group Inc. - Cranston, RI)

- Safety Incentives: Evolution of a Large Scale, Multi-Site Program. JIM GETTING (Auburn University - Auburn, AL), Mark Alavosius (Abacus Management Group Inc. - Cranston, RI), Bill Hopkins (Auburn University - Auburn, AL), A. E. Adams, Michael Follick (Abacus Management Group, Inc. - Cranston, RI)
- Small Business Innovations Research: Report on Development of Interactive Safety Training Technology for Small Employers. MARK ALAVOSIUS, D. K. Ahern, A. E. Adams, Michael Follick (Abacus Management Group Inc. - Cranston, RI)

### **# 253 Progressive Contingencies of Reinforcement and Their Applications**

Symposium  
3:00 PM - 4:50 PM  
Yerba Buena Ballroom  
(Salon 2)  
EAB

Chair: Kennon A. Lattal (West Virginia University - Morgantown, WV)

Discussant: Alan Baron (University of Wisconsin - Milwaukee, WI)

- Effects of Increment Size and Break-Point Criterion on Food-Maintained Progressive-Ratio Responding by Pigeons. DAVID STAFFORD, Marc Branch (University of Florida - Gainesville, FL)
- Temporal and Response Requirements for Reinforcement in Progressive-Ratio Schedules. MARK P. REILLY, Kennon A. Lattal (West Virginia University - Morgantown, WV)
- Patches, Preferences and Progressive-Schedule Performance in Pigeons and People. CYNTHIA J. PIETRAS, Timothy D. Hackenberg, Eric A. Jacobs (University of Florida - Gainesville, FL)
- Effects of Reinforcer Magnitude on Human's Choices for Response-Contingent Versus Non-Contingent Schedules. DONALD M. DOUGHERTY, Don R. Cherek (The University of Texas - Houston, TX)



### **# 254 Studies of Fluency**

Paper Session  
International  
3:00 PM - 4:20 PM  
Yerba Buena Ballroom  
(Salon 1)  
EDC

Chair: Guy Bruce (Precision Learning Systems - Monmouth, IL)

- REAPS Online. JAMES H. COWARDIN (Mastery Systems - Columbus, OH)



## # 255

Paper Session  
International

3:00 PM - 4:50 PM  
Yerba Buena Ballroom  
(Salon 10)  
TPC

- Does Fluency Matter? A Comparison of Four Methods for Teaching Sight Words. BONNY LE GRICE, Jae Renaut (Christchurch College of Education - Christchurch, New Zealand), Neville Blampied (University of Canterbury)
- Relationships Among Error Rates, Terminal Frequencies, and Fluency Aims. CLAUDIA MCDADE (Jacksonville State University - Jacksonville, AL)

## Conceptual and Philosophical Issues in the Analysis of Behavior

Chair: Sandra Fields (Malcolm X College - Chicago, IL)

- Rewards, Motivation and Creativity. JUDY CAMERON (University of Alberta - Alberta, Canada), Robert Eisenberger (University of Delaware - Newark, DE)
- Operant Variability and the Detrimental Effects of Rewards. ALLEN NEURINGER, Aaron Jones, Colin Cherot (Reed College - Portland, OR)
- The Bell Curve: What Radical Behaviorism Has to Say About It. MARIA AMALIA ANDERY, Tereza Maira Serio (Catholic Pontifice University - Sao Paulo, Brazil)
- A Selectionist Approach to the Problem of Universals. ULLIN T. PLACE (University of Wales - Bangor, Wales)



## # 256

Paper Session  
International

3:00 PM - 4:50 PM  
Yerba Buena Ballroom  
(Salon 11)  
CBM

## Treatment of Difficult Behavioral Problems II: Methods and Issues

Chair: David E. Greenway (University of Louisiana - Lafayette, LA)

- Dental Desensitization with Individuals with Mental Retardation. TIM BOWMAN, Randall Yeakley, Jeff Akers, Doug Cormier (Tarrant County MHMRS - Fort Worth, TX)
- The Reduction of Agitation and Yelling Out in an Adult Male with a Slow-To-Recover Acquired Brain Injury Through the Teaching and Reinforcement of Functional Communication Alternatives. STEVE METHAM, Patti Flaherty (Chedoke-McMaster Hospitals - Ontario, Canada)
- A Conceptual Analysis of Intensive Treatment for Food Refusal. W. H. AHEARN (Children's Seashore House - Philadelphia, PA), Colleen Taylor, Deana Burd (U Penn School - Philadelphia, PA)

**# 257 Current Research on the Functional Analysis of Severe Behavior Disorders**

Symposium  
3:00 PM - 4:50 PM  
Yerba Buena Ballroom

(Salon 14)  
DDA  
Chair: Brian A. Iwata (University of Florida - Gainesville, FL)

Discussant: F. Charles Mace (University of Pennsylvania - Philadelphia, PA)

- Evaluation of the Comparative Outcome of Extended vs. Brief Functional Analyses. PATRICIA F. KURTZ, Wayne W. Fisher, Robert Harrell (The Kennedy Krieger Institute and Johns Hopkins University School of Medicine)
- Toward the Development of Structured Criteria for Interpretation of Functional Analysis Data. LOUIS P. HAGOPIAN, Wayne W. Fisher, Rachel H. Thompson, Jamie S. Owen (The Kennedy Krieger Institute and Johns Hopkins University School of Medicine)
- An Operant Analysis of Aggression. BETHANY A. MARCUS, Timothy R. Vollmer, Joel E. Ringdahl, Henry S. Roane (Louisiana State University)
- Temporal Distribution of Behavior Problems Based on Scatter Plot Analyses. SungWoo Kahng, Brian A. Iwata, SONYA M. FISCHER, Richard G. Smith, Don E. Williams (University of Florida, University of North Texas, and Richmond State School)



**# 258 What a Skinnerian Might Like About Signal Detection Theory**

Invited  
Address  
Chair: Barbara Wanchisen (Baldwin-Wallace College)

3:00 PM - 3:50 PM  
Yerba Buena Ballroom  
(Salon 15)  
Presenter: JOHN T. WIXTED (University of California - San Diego, CA)

**# 259 Reinforcer Assessment, Functional Analysis, and Medication Evaluations for Children with a Diagnosis of Attention Deficit Hyperactivity Disorder**

Symposium  
3:00 PM - 4:50 PM  
Pacific (Suite A)  
Chair: Wendy Berg (University of Iowa - Iowa City, IA)

CBM  
Discussant: David P. Wacker (University of Iowa - Iowa City, IA)

- Comprehensive Behavioral Assessment of Methylphenidate Dosage Effects on Classroom Performance. VERONICA SCHILLING, Stephanie Edwards, Scott Adroin (Louisiana State University)



- Evaluation of Self-Control in Children with Attention Deficit Hyperactivity Disorder. LINDA COOPER, Jennifer Asmus, David Richman (University of Iowa Hospitals and Clinics - Iowa City, IA)
- Examining the Effects of Increasing Response Requirements and Delay on Reinforcer Preference and Task Persistence. TERESA L. GEORGE, Veronica Schilling, Scott Ardoin, Stephanie Edwards (Louisiana State University)
- The Treatment Utility of Functional Analysis for Disruptive Classroom Behavior. CARMEN BROUSSARD, Iantha Fusilier, Melissa Herring (Louisian State University)
- Interactive Effects Between Common Classroom Contingencies and Methyphenidate for the Management of Classroom Disruptive Behaviors. JOHN NORTHUP, Kevin Jones, Gina Digiovanni, Alecia Hanchey (Louisiana State University)

**# 260 A Behavioral Analysis of Complex Human Behaviors**

Paper Session  
3:00 PM - 3:50 PM  
Pacific (Suite B) Chair: Robert W. Montgomery (Georgia State University - Marietta, GA)

- Emotional Avoidance as a Model for Understanding Psychological Correlates of HIV and AIDS. SONJA B. BATTEN, Victoria M. Follette (University of Nevada - Reno, NV)
- Perspectives on Anti-gay Aggression and Homophobia. MIKE MAKEPEACE (Makepeace Services, Inc. - Portage MI)

**# 261 Rising to the Challenge: Progressive Research on the Transfer and Transformation of Stimulus Functions**

Symposium  
International  
3:00 PM - 4:50 PM  
Pacific (Suite I) Chair: Winifred C. T. Ju (University of Nevada - Reno, NV)  
EAB Discussant: Larry Williams (University of Nevada - Reno, NV)

- The Clinical Implications of the Transfer of Avoidance Responses within Stimulus Equivalence Classes. ERIK M. AUGUSTSON (University of Alabama at Birmingham Medical School - Birmingham, AL), Michael J. Dougher, Lucianne Hackbert (University of New Mexico - Albuquerque, NM)



**# 262**

Paper Session  
International

3:30 PM - 4:50 PM

Yerba Buena Ballroom  
(Salon 6)  
ELS

- A Transformation of Respondently Conditioned Sexual Arousal Functions in Accordance with Arbitrary Stimulus Relations. BRYAN ROCHE, Dermot Barnes (University College - Cork, Ireland)
- Emotional Avoidance and the Transfer of Stimulus Functions. PATRICIA A. BACH, Steven C. Hayes (University of Nevada - Reno, NV)
- The Transfer and Transformation of Multiple Stimulus Functions. MARK ADAMS, Otto H. MacLin, Steven C. Hayes (University of Nevada - Reno, NV)

**Barriers to Behavior Analysis: Pointing Them Out and Breaking Them Down**

Chair: Darlene Todd (University of Manitoba - Manitoba, Canada)

- Problems and Prospects: Development of Using Behavioral Techniques in Tanzania. MWAJABU K. POSSI (University of Dar-es-Salaam - Tanzania, Africa)
- Diffusion of Behavioral Technology into State Social Service Programs for Children. STEPHEN E. WONG, Malcolm Smith, Barbara Sittler (University of Chicago - Chicago, IL), Denise Kane (Department of Children and Family Services - Chicago, IL)
- Committee Review of Individual Behavioral Interventions: What are State-Funded Programs Doing? ROBERT L. MORGAN (Utah State University - Logan, UT)



**# 263**

Paper Session

3:30 PM - 4:50 PM

Yerba Buena Ballroom  
(Salon 12)  
EDC

**School-Based Interventions**

Chair: Carl Binder (Precision Teaching & Management System - Nonantum, MA)

- Choice Making to Improve Adaptive Behavior for Students with Behavior and Learning Challenges. DENNIS NEYMAN, Jo Hendrickson (University of Iowa - Iowa City, IA), David Heusinkveld, Rachel Schlitter, Marsha Tschopp (Jefferson High School - Cedar Rapids, IA)
- Using Guided Notes and Review in a Fifth Grade Social Students Class. BELINDA LAZARUS (University of Michigan - Dearborn, MI)
- Effectiveness of a School-Wide Implementation of Direct Instruction. TIMOTHY A. SLOCUM, Betty Hallenbeck (Utah State University - Logan, UT)



**# 264**

**Symposium**

**3:30 PM - 4:50 PM**

**Pacific (Suite J)**

**CBM**

**Reviewing Past and Present Programmatic Data to Prepare for Future Systemic Changes in the Treatment of Pediatric Feeding Disorders**

**Chair:** Bridget Shore (The Kennedy Krieger Institute and John Hopkins University School of Medicine)

**Discussant:** Nancy Grace (The Kennedy Krieger Institute and John Hopkins University School of Medicine)

- **Feeding Histories and Treatment Pathways: A Descriptive Review of Our Children's Treatment Histories.**  
RAMASAMY MANIKAM, Roberta Babbitt (The Kennedy Krieger Institute and John Hopkins University School of Medicine), Ping Wang (The Kennedy Krieger Institute)
- **Changes in Parent Perceptions of Problem Behaviors and Self-Reported Stress in the Course of Empirically-Based, Child-Focused Treatment.** DAVID L. JAQUESS, Roberta Babbitt (The Kennedy Krieger Institute and John Hopkins University School of Medicine), Charles Hammel, K. K. Lam (The Kennedy Krieger Institute)
- **Comparing Clinical Outcomes Reported in the Feeding Literature: Are We Responsive to Managed-Care Directives?** ROBERTA BABBITT, Michael Cataldo (The Kennedy Krieger Institute and John Hopkins University School of Medicine), Bonnie Joyce (The Kennedy Krieger Institute)

**# 265**

**Panel Discussion**

**4:00 PM - 4:50 PM**

**Yerba Buena Ballroom**

**(Salon 4)**

**Managing Transitions in Your Career**

**Chair:** April D. Miller (University of Southern Mississippi - Hattiesburg, MS)

**Panelists:**

- **ILENE SCHWARTZ** (University of Washington - Seattle, WA)
- **STEPHEN R. ANDERSON** (Language Development Program - Tonawanda, NY)



**# 266**

**International**

**Invited Address**

**4:00 PM - 4:50 PM**

**Yerba Buena Ballroom**

**(Salon 15)**

**Bringing Stimulus Control into the Law of Effect: The Three-Term Contingency Revisited**

**Chair:** Robert Allan (Lafayette College)

**Presenter:** MICHAEL DAVISON (University of Auckland - New Zealand) .

**# 267 Behavior Analysis, Professional Activity or Statism**  
 Panel Discussion Chair: Joseph E. Morrow (California State University and  
 4:00 PM - 4:50 PM Applied Behavior Consultants - Sacramento, CA)  
 Nob Hill A Panelists:  
 TPC

- EDWARD J. RICKERT (University of Alabama - Birmingham, AL)
- HARRY ARON (California State University - Sacramento, CA)

**# 268 Teaching Behavior Analysis: Starting in K through 12**  
 Panel Discussion Chair: Larry A. Morse (University of Wisconsin - Eau  
 4:00 PM - 4:50 PM Claire, WI)  
 Nob Hill B Panelists:  
 EDC

- ROGER F. BASS (Carthage College - Kenosha, WI)
- GEORGE L. VINCI (Community Unit School District 203 - Naperville, IL)



**# 269 Complex Verbal and Social Interactions**  
 Paper Session Chair: Doug Greer (Columbia University Teachers College)  
 International  
 4:00 PM - 4:50 PM  
 Pacific (Suite B)  
 CBM

- Correspondence Training with Adolescents and Their Families in a Clinical Setting: Rule Stating, Rule Following, and Contingency Shaping. ALAN RALPH (James Cook University of North Queensland - Queensland, Australia)
- Social Behavior and Reciprocal Interaction. ERIK JAHR (Habiliteringstejenesten - Rasta, Norway)

**# 270 The Effects of Punishment on Human Operant Performance**  
 Paper Session Chair: Karen G. Anderson (University of Florida -  
 4:10 PM - 5:00 PM Gainesville, FL)  
 Yerba Buena Ballroom  
 (Salon 13)  
 EAB

- Stimulus Generalization of Punishment Effects with Humans. JENNIFER M. O'DONNELL, John Crosbie (West Virginia University - Morgantown, WV)
- Punishment and Avoidance: Are They Inextricably Linked? MICHELLE LEMASTERS, John Crosbie (West Virginia University - Morgantown, WV)

**# 271 Human Development; Gerontology**  
 Poster Session  
 5:00 PM - 6:30 PM  
 Golden Gate Hall  
 DEV

1. The Development of Sensitivity to Self-Instruction. GRETCHEN HUBER, Irene Grote, Donald M. Baer (University of Kansas - Lawrence, KS)

2. An Analysis of the Effects of Stimulus Control and Reinforcement Procedures on Toddlers' Label Acquisition. V. KRISTI ORTIZ (University of Kansas - Lawrence, KS)
3. Employee Turnover Profile in Long-Term Care Facilities. CORY J. ROYER, David Born (University of Kansas - Lawrence, KS)
4. Use of Behavioral Observations to Assess Developmental Outcome of Toddlers With Chronic Illnesses. L. KAYE RASNAKE (Denison University - Granville, OH), Cynthia Harbeck-Weber (Columbus Children's Hospital and The Ohio State University - Columbus, OH), Tracy L. Lee (St. Thomas Aquinas College), Natasha Baack (Denison University - Granville, OH), Lynn Steen (Villanova University)
5. The Measurement of Parent-Child Interactions Related to Language. DALE WALKER, BETTY HART, Charles R. Greenwood (University of Kansas, Juniper Gardens Children's Project - Kansas City, KS)
6. Parenting Effectiveness of Professionals in Psychology. TRACY D. TACQUARD, Paul Robinson (Brigham Young University - Provo, Utah)
7. Using Behavioral Strategies to Teach Older Adults with Severe Mental Retardation Water Exercises. KARENA J. COOPER (Lehigh University - Bethlehem, PA)
8. The Effects of Prior Reinforcement Pace on the Task Persistence of Preschool Children. JULIE DAGGETT, Kathleen Zanolli (Kansas University - Lawrence, KS)
9. Analysis and Treatment of the Aberrant Behavior of an Autistic Child Using Rapidly Alternating Multiple Schedules. JO MULLINS, Kathleen Zanolli (Kansas University - Lawrence, KS)

#### **# 272 Education and Experimental Analysis of Behavior**

Poster Session  
International  
5:00 PM - 6:30 PM  
Golden Gate Hall  
EDU & EAB

10. The Use of Peer Instruction to Promote the Skill of Seeing Information From a Qualified Professional Among Adults with Developmental Disabilities. ANDREA JACOBSON (University of Hawaii - Honolulu, HI), Loretta A. Serna (University of Mexico - Albuquerque, NM), Mary Anne Prater (University of Hawaii - Honolulu, HI)

11. Preference Assessment for Adolescent Population: A Comparison of Methods. GINA M. DIGIOVANNI, Cindy Morgan D'Atrio, John Northup (Louisiana State University - Baton Rouge, LA)
12. Socially Facilitated Polydipsia in Rats. JAMES T. TODD (Eastern Michigan University - Ypsilanti, MI), Gina E. Truesdell-Todd (Washtenaw County Community Mental Health)
13. Schedule-Induced Polydipsia: Effects of Increasing Distance Between Food and Water in a Runway Apparatus. JAMES T. TODD, Jennifer A. Rennie (Eastern Michigan University - Ypsilanti, MI)
14. Effects of Instructional Modality, Instructional History and Density of Consequences on Human Conditional Discrimination Performance. HECTOR MARTINEZ, Gerardo Ortiz, Katia Carrillo, Jorge Barrera (Universidad de Guadalajara - Mexico)
15. The Terminal-Link Effect in Concurrent Chains Choice. HERNAN I. SAVASTANO, Edmund Fantino (University of California - San Diego, CA)
16. Stimulus Control and the Availability Heuristic: Sample Frequency vs. Unconditional Probabilities. WENDY A. WILLIAMS (Central Washington University - Ellensburg, WA)
17. Effects of Enforced Flavor Exposure on Food Neophobia. ERIN R. MILLER (Auburn University - Auburn, AL), Carl D. Cheney (Utah State University - Logan, UT)
18. Performance Under a Concurrent VI-VI Schedule after Exposure to Ionizing Radiation. LINCOLN S. GIMENES, Laercia A. Vasconcelos, Alessandra M. Brandao, Ana Cristina A. Bezerra, Jane N. Dacanal, Luciana A. Campos (Universidade de Brasilia - Brazil), Flamarion B. Goulart (Hospital Araujo Jorge - Goiania, Brazil)
19. Discriminative Properties of Four Operants. DANIEL B. CRUSE, Karn Gehle, Barbara Matalon (University of Miami - Coral Gables, FL)
20. Preexposure to Conditioned Stimulus: Role of Temporal Coding. RENE QUINONES (Foundation for the Advancement of Psychology/Konrad Lorenz Foundation/Catholic University - Santafe de Bogota, Colombia), ARTURO CLAVIJO (Konrad Lorenz Foundation - Santafe de Bogota, Colombia)

21. Delayed Reinforcement and Response Chains.  
COLLEEN KENNEDY-BRAUER, Raul Avila, Mark P. Reilly, Kennon A. Lattal (West Virginia University - Morgantown, WV)
22. Stimulus Equivalence Using a Free-Operant Indicator Response. PAUL THOMAS ANDRONIS, David Mueller, Jennifer Gillis, Jill Hamel (Northern Michigan University - Marquette, MI), T. V. Joe Layng (Malcolm X College - Chicago, IL)
23. Instructions and Schedule Sensitivity: Does Degree of Accuracy of Instructions Matter? MANISH VAIDYA, Timothy D. Hackenberg (University of Florida - Gainesville, FL)
24. Risk Sensitivity in Humans: Does the Form of the Variability Matter? CYNTHIA J. PIETRAS, Timothy D. Hackenberg (University of Florida - Gainesville, FL), Philip N. Hineline (Temple University - Philadelphia, PA)
25. A Symmetry Test of Position with Monkeys (*Ateles Paniscus Paniscus*). ROMARIZ DA SILVA BARROS (Universidade de Sao Paulo - Brazil), Olavo de Faria Galvao (Universidade Federal do Para - Brazil)
26. Selected Populations: Functional vs. Descriptive Operants. KEVIN S. CAULEY, DOUGLAS P. FIELD (Temple University - Philadelphia, PA)
27. The Interrater Reliability and Validity of the Motivation Assessment Scale (MAS). WAYNE C. PIERSEL (University of Nebraska - Lincoln, NE), Lynn Neitfeld, Rob Spies, James Vincent, Lynn Bogart (Beatrice State Developmental Center - Beatrice, NE), Rod Kohl (Private Practice - Lincoln, NE)
28. Preference for Fixed-Interval vs. Random-Interval Schedules. MICHAEL JOHNSON, Douglas P. Field, Paul Neuman, Philip N. Hineline (Temple University - Philadelphia, PA)
29. Effects of Oral Naming and Constructed-Responses on Reading: Small Verbal Unit Control. MARIA AMELIA MATOS (University of Sao Paulo - Brazil), Maria Martha Hubner (Mackenzie University - Sao Paulo, Brazil)
30. Teaching Responsible Sexual Behavior to Freshman: Sex, Alcohol, and Rock 'n Roll. DARRELLE M. KOONCE, Thomas A. Brigham (Washington State University - Pullman, WA)

31. Differentiations in Conditioned Responses With Simultaneous, Delayed, and Trace Respondent Conditioning in Rats. TAKASHIGE IWAMOTO (Hokkaido University - Sapporo, Japan)
32. Equivalence Relations and Equivalence Classes Formation Using Outcome Specific Contingencies. OSCAR BRAVO (Foundation for the Advancement of Psychology/National University of Colombia - SantaFe de Bogota, Colombia)
33. The Quest for Substitution with Domestic Hens. TANIA DAWN SIGNAL, Daniel Palmer, William Temple, T. Mary Foster (University of Waikato - Hamilton, New Zealand)
34. Are Trials Independent in DMTS Tasks Using Human Subjects? J. S. MC EWAN, C. Adamson, T. Mary Foster, William Temple (University of Waikato - Hamilton, New Zealand)
35. Social Preference as a Biased in Concurrent-Schedule Performance. JACQUI A. WALKER, T. MARY FOSTER, William Temple (University of Waikato - Hamilton, New Zealand)
36. Transfer of Conditioned Eyeblick Elicitation Via Stimulus Equivalence Classes. EMILY E. BRANSCUM, Simone Totan, Randall A. Roark, Michael R. Markham (Florida International University - Miami, FL)
37. Transfer of Conditioned Skin Conductance Responses via Within-Compound Stimulus Relations. CARLOS G. FINLAY, Emily E. Branscum, Randall A. Roark, Michael R. Markham (Florida International University - Miami, FL)
38. Effects of Intertrial Timeout following Incorrect Responses during Simultaneous Visual Discrimination Procedures in Rats. ANDREA HAAS, Jarret Frank, Michael R. Markham (Florida International University - Miami, FL)
39. Functional Equivalence Classes in Rats Following Serial Acquisitions of Novel Auditory Discriminations. DUANE ISAVA, Emily E. Branscum, Wendy E. Roth, Michael R. Markham (Florida International University - Miami, FL)



40. Disruption of Stimulus Equivalence Classes Following Functional Discrimination of Equivalence Class Members. JENNIFER L. HYMAN, Emily E. Branscum, Rebecca Gallogly, Jacqui Estrella, Michael R. Markham (Florida International University - Miami, FL)
41. Staff Training for Promoting Independence in Elderly Residents with Dementia During Morning Dressing Routines. WANDA L. SMITH (Psychiatry & Medicine for the Aged in the Community/Chedoke McMaster Hospitals - Hamilton, Ontario, Canada), Helen Norwood (McMaster University - Hamilton, Ontario, Canada)
42. Control of Response Topography by Stimulus-Reinforcer and Response-Reinforcer Contingencies: A Human Analog. KAREN L. MAHON, Julie S. Vargas (West Virginia University - Morgantown, WV)
43. Choice, Physical Effort, and Maximizing. KIRK DAVIS, Carlos Aparicio (University of Mississippi)
44. Risk Behavior of Pigeons as a Function of Varying Budgetary. JAY N. GOLDSCHMIDT, Edmund Fantino (University of California, San Diego - La Jolla, CA)
45. Resistance to Change and Preference in Concurrent Schedules. MATTHEW C. BELL (University of California, San Diego - La Jolla, CA)

#### **# 273 Developmental Disabilities; Autism**

- Poster Session  
International  
5:00 PM - 6:30 PM  
Golden Gate Hall  
DDA
46. Rapid Assessment and Treatment Development for Individuals with Severe Behavior Disorders. JANA LINDBERG, Brian A. Iwata, Julie Burke, Iser G. DeLeon, Han-Leong Goh, Sung Woo Kahng, Melissa J. Shirley, Lisa Toole, Michele Wallace, April S. Worsdell (University of Florida - Gainesville, FL)
  47. An Institutional Survey of the Prevalence of Self-Injurious Behavior. ISER G. DELEON, Brian A. Iwata, Han-Leong Goh, Sung Woo Kahng, Sonya M. Ulrich (University of Florida - Gainesville, FL)
  48. Economic Relationships Between Qualitatively Similar and Qualitatively Different Reinforcers for Individuals with Developmental Disabilities. ISER G. DELEON, Brian A. Iwata, April S. Worsdell (University of Florida - Gainesville, FL)

49. A Methodology for Distinguishing Between Extinction and Punishment Effects Associated with Response Blocking. MICHELE WALLACE, Dorothea C. Lerman, Brian A. Iwata (University of Florida and The Kennedy Krieger Institute, Johns Hopkins University School of Medicine)
50. Protective Equipment as Sensory Extinction vs. Punishment. JULIE BURKE, April S. Worsdell, Brian A. Iwata (University of Florida - Gainesville, FL)
51. Development and Evaluation of the Functional Analysis Screening Tool (FAST). HAN-LEONG GOH, Brian A. Iwata, Iser G. DeLeon (University of Florida - Gainesville, FL)
52. Further Evaluation of Within-Session Response Patterns During Functional Analyses of Behavior. SUNGWOO KAHNG, Brian A. Iwata (University of Florida - Gainesville, FL)
53. Noncontingent Delivery of Arbitrary Reinforcers as Treatment for Self-Injury Maintained by Positive Reinforcement. SONYA M. FISCHER, Brian A. Iwata, Jodi L. Mazaleski (University of Florida - Gainesville, FL)
54. Handmouthing Maintained by Access to Material Reinforcement? MELISSA J. SHIRLEY, Brian A. Iwata, SungWoo Kahng (University of Florida - Gainesville, FL)
55. The Effects of Attention as Establishing Operation and Reinforcer on Attention-Maintained Self-Injurious Behavior. APRIL S. WORSDELL, Sonya M. Fischer, Brian A. Iwata (University of Florida - Gainesville, FL)
56. Using Functional Analysis Probes in Combination with an Assessment of Establishing Operations to Examine and Treat Infrequent Self-Injury. MARK F. O'REILLY (University College Dublin - Ireland)
57. An Evaluation of an Ongoing Consultation Model to Train Teachers to Treat Challenging Behavior. IAN TAYLOR, Mark F. O'Reilly (University College Dublin - Ireland)
58. Effects of Fluency Training on the Acquisition of Money Counting Skills by Secondary Students with Developmental Disabilities. BRIAN KAI YUNG TAM, WILLIAM LEE HEARD (Ohio State University - Columbus, OH)

59. Teaching Self-Regulation to Adolescents with Asbergers Syndrome. PATRICIA L. FRENCH (CSU Sacramento and Applied Behavior Consultants - Sacramento, CA)
60. An Analysis of Specific Discriminative Stimuli Occasioning Problem Behavior. STACEY LANZA (Children's Seashore House - Philadelphia, PA), Lee Kern (University of Philadelphia - Philadelphia, PA)
61. An Assessment of the Efficacy of Stimulus Fading on Aggressive Behaviors Serving Different Functions. STACEY LANZA (Children's Seashore House - Philadelphia, PA), Lee Kern (University of Philadelphia - Philadelphia, PA)
62. A Study of Age and Functioning Level in an Evaluation of a Behavioral Treatment Program for Children with Autism. SUSAN E. KELSO (Claremont Graduate School - Claremont, CA), MARJORIE H. CHARLOP-CHRISTY, MICHELLE GREENBERG (Clarmont McKenna College - Claremont, CA)
63. Relaxation Training as a Stress-Management Technique for Use with Children with Autism. MARJORIE H. CHARLOP-CHRISTY, MICHELLE GREENBERG (Clarmont McKenna College - Claremont, CA)
64. Using Verbal Mediation to Facilitate Image Memory in Children with Autism. JOHN A. MANSPERGER, MARJORIE H. CHARLOP-CHRISTY (Claremont McKenna College - Claremont, CA)
65. Quality of Life and Developmental Disabilities: Lessons From Walden Two. STEPHEN MYLES, Chris Cullen (Keele University & North Staffordshire Combined Healthcare Trust - England)
66. An Analysis of Treatment Procedures for Behavior Problems of Persons with Developmental Disabilities. R. M. SCHELL, William K. Killion (Whitten Center - Clinton, SC)
67. Enhancing Life Skills in Community-Based Programs. LYLE F. FEINBERG, Susan Barry, Amy Harchik, Eric Lunden, Robert Rhymes, Matthew Mason, Alan Harchik (May Institute - Springfield, MA)
68. Strategies for Living Semi-Independently at Home. AMY J. HARCHIK, Ron Thomson, Amy C. Smith (May Institute - Springfield, MA)

69. Teaching Pivotal Behavior to Children with Autism: Communication Training with the Picture Exchange. CRAIG S. PARLATO, Kevin J. Brothers (University of Kansas and Lawrence Public Schools - Lawrence, KS), Carol Tilton (Lawrence Public Schools - Lawrence, KS)
70. Teaching Pivotal Behavior to Children with Autism: Multiple Cue Responding. CRAIG S. PARLATO, Kevin J. Brothers (University of Kansas and Lawrence Public Schools - Lawrence, KS), Carol Tilton (Lawrence Public Schools - Lawrence, KS)
71. A Comparison of Social Effects for Students with Autism and Trained vs. Untrained Peers. ADRIANA GONZALEZ-LOPEZ, TAMMY KRAVITS, KATIE KEMMERER, JESSICA POTUCEK (Juniper Gardens Children's Project - Kansas City, KS)
72. Treatment for Dually-Diagnosed Individuals in the Community Setting. SARAH BERGLASS (Richmond State School - Wharton, TX), SHERRI FRUGE (Richmond State School - Missouri City, TX)
73. Utilization of Empirically-Derived Consequences and Client Strengths to Develop Treatment Programs in Residential Settings. ROSSY APARICIO, Emily Nicoli, Yzonna Orange, Kerry Nichols, Sheila M. Williamson (North Mississippi Regional Center - Oxford, MS), Erica Marshall (University of Mississippi - Oxford, MS)
74. A Clinical Application of the Lovaas Treatment for Young Autistic Children in Montreal: A Comparative Study. ANNICK LEBEAU, SYLVIE DONAIS (University of Quebec/Centre de Consultation Psychologique et Educationnelle - Montreal, Canada), SYLVIE BERNARD (University of Quebec - Montreal, Canada)
75. The Quantification of the Pervasive Developmental Disorder Response to Social Stimuli Before and After the Lovaas Treatment. SYLVIE BERNARD, ANNICK LEBEAU, SYLVIE DONAIS (University of Quebec in Montreal - Montreal, Quebec, Canada)
76. Short-term Parent Instruction in Pivotal Response Training: A Preliminary Analysis. AUBYN C. STAHLMER (State University of New York - Cortland, NY), Kristin Gist (Children's Hospital and Health Center - San Diego, CA)

77. Treatment of Social Behaviors in High-Functioning Children with Autism Using Behavior Rehearsal, Video Modeling, and Self-Management. LAURA SCHREIBMAN, CHRISTINA HAINES, KAREN PIERCE (University of California - San Diego, CA)
78. Toward a Functional Understanding of Self-Injury. RACHEL L. FREEMAN, ROBERT H. HORNER (University of Oregon - Eugene, OR)
79. Guided Compliance and Its Effect on Task Engagement with Individuals with Attention Maintained Problems. BETH DELANEY, Christina Elliot (Children's Seashore House - Philadelphia, PA), Lee Kern (University of Pennsylvania - Philadelphia, PA)
80. Effects of Imitating Instructions on Learning Receptive and Expressive Discrimination in Children with Autism. SIGMUND ELDEVIK, ALVDIS ROULUND (Habilitationsservices - Akershus, Norway), WILLY-TORE MORCH (University of Tromsø - Norway)
81. Using Sample Stimulus Control Shaping to Teach Arbitrary Matching to Children with Autism. FUMIYUKI NORO (University of Tsukuba - Japan)

**# 274 Developmental Disabilities; Autism**

Poster Session  
International  
5:00 PM - 6:30 PM  
Golden Gate Hall  
DDA

82. Gaining Parental Involvement in Behavior Treatment. CHRISTIE ENZINNA, JAMES MANCHACK (Behavior Treatment and Training Center - Richmond, TX)
83. Treatment of Aggression and Self Injury Resulting From Neurological Impairment. SEAN CORIATY (Bancroft, Inc. - Haddonfield, NJ)
84. Treatment of Sleep Disorders in an Adolescent With Tuberous Sclerosis. SEAN CORIATY, Dina Mockus (Bancroft, Inc. - Haddonfield, NJ)
85. Effect of Different Qualities of Reinforcement and Choice-Making Escape Maintained Aberrant Behavior. MELISSA BERKEY, Zbigniew Golonka, Miriam Meyer (Bancroft, Inc. - Haddonfield, NJ)
86. Treatment Failures with Regurgitation and Vomiting Behaviors. OLIVER C. MUDFORD (University of Keele - England), Stephen James (Waikato Community Living Trust - New Zealand), Ivan L. Beale (University of Auckland - New Zealand)

87. Guided Compliance in the Treatment of Aberrant Behavior in Traumatic Brain Injury. DAVID TESCH (Bancroft, Inc. - Haddonfield, NJ)
88. The Effects of Attention as a Setting Event During Assessments of Preferred Stimuli. WENDY K. BERG, Jay W. Harding, David P. Wacker (The University of Iowa - Iowa City, Iowa)
89. Functional Analysis and Treatment of Life-Threatening Pica with Differential Reinforcement and Response Interruption. KIRK LOCKWOOD, Deborah L. Borden, Don E. Williams (Richmond State School - Richmond, TX)
90. Treatment of Meal Refusal and Severe Weight Loss. MAIJA MAENPAA, Kirk Lockwood, Don E. Williams (Richmond State School - Richmond, TX)
91. Hospital Based Outpatient Assessment and Treatment of Problem Behavior for Individuals Diagnosed with Developmental Disabilities Using Behavioral Interviewing, Functional Assessment, and Parent Collected Data. MICHAEL C. SHEA (Children's Seashore House - Philadelphia, PA)
92. Functional Assessment and Treatment of Pica of Cigarettes. GREGORY P. HANLEY, Nancy Bekofski, Cathleen C. Piazza, Wayne Fisher (The Kennedy Krieger Institute and The Johns Hopkins University School of Medicine)
93. Establishing Discriminative Control During Toilet Training. PATRICK R. PROGAR (Children's Seashore House - Philadelphia, PA)
94. The Effects of Setting on the Outcome of Brief Functional Analyses. GLENDA L. VITTIMBERGA, Dorothea C. Lerman (Kennedy Krieger Institute and The Johns Hopkins University School of Medicine)
95. The Effects of Fixed-Time Stimuli on Disruptive Behaviors of a Child with ADHD. JENNIFER J. MCCOMAS, Jill J. Whitman, Pamela Cowdin (The University of Pennsylvania Center for Health Services - Philadelphia, PA)

96. Teaching Parents to Give Each Other Performance Feedback as a Way to Enhance a Parent Education Curriculum. TODD A. HARRIS, SUSAN L. PETERSON, TAMMY FILLIBEN, MINDY GLASSBERG (Delaware Autistic Program - Newark, DE), Judith E. Favell (Au Clair Educational Programs - Mt. Dora, FL)
97. Generalized Effects of Question Asking on Acquisition of Language Structures. CINDY M. CARTER, Lynn Kern Koegel, Robert L. Koegel (University of California - Santa Barbara, CA)
98. Use of Functionally Equivalent Behaviors to Reduce Aggression Directed Toward Siblings of Children with Autism. DARA STIEBEL, Lynn Koegel, Robert Koegel (University of California - Santa Barbara, CA)
99. The Aversives Controversy: Journal Publication Trends II. DAVID B. MCADAM, Linda A. Fradenburg, Edward K. Morris, John A. Colombo (University of Kansas - Lawrence, KS)
100. The Effects of a Smoking Cessation Intervention on Rates of Aggression. TOM MANN, TOM KELLEY III, Don E. Williams, Denese Daniels, Steven Smith (Richmond State School - Richmond, TX)
101. Functional Analysis of Problem Behavior Associated with Food Selectivity in Children with Developmental Disabilities. LEN LEVIN (State University of New York - Stony Brook, NY), Laurance Anne Lemmerling (St. Johns University - Queens, NY), Edward G. Carr (State University of New York - Stony Brook, NY)
102. Establishing Operation and Food Selectivity: An Analysis of the Effects of a Contextual Variable on the Treatment of Food Selectivity in Children with Developmental Disabilities. LEN LEVIN (State University of New York - Stony Brook, NY), Laurance Anne Lemmerling (St. Johns University - Queens, NY), Christine Levin (The Genesis School - Plainview, NY), Peter A. Girolami, Edward G. Carr (State University of New York - Stony Brook, NY)
103. Functional Assessment and Treatment of Social Skills. WILLIAM D. FREA, Carolyn Hughes (John F. Kennedy Center, Vanderbilt University - Nashville, TN)

104. The Effects of Novelty and Choice on Task Performance. DAVID L. LEE, WANDA TORO-ZAMBRANA (Purdue University - West Lafayette, IN), PHILLIP J. BELFIORE (Mercyhurst College - Erie, PA)
105. Establishing Vocational Preferences for Adults with Severe Disabilities. WANDA TORO-ZAMBRANA (Purdue University - West Lafayette, IN), PHILLIP J. BELFIORE (Mercyhurst College - Erie, PA), DAVID L. LEE (Purdue University - West Lafayette, IN)
106. Measuring and Treating Aerophagia in a Multiply-Handicapped Woman. HERMANN A. PEINE (Utah State Developmental Center - American Fork, UT), J. Grayson Osborne (Utah State University - Logan, UT), William R. Jenson (University of Utah - Salt Lake City, UT), Harold H. Blakelock (Utah State Developmental Center - American Fork, UT)
107. Teaching Sentence Structure with the Picture Exchange Communication System. LAURA W. WEATHERUP, Susan C. Forgeron, Judy Canesi, Susan F. Thibadeau (The May Center for Child Development - Chatham, MA)
108. A Comparison of Functional Communication Skill Acquisition Between Traditional Communication Boards and the Picture Exchange Communication System. SUSAN C. FORGERON, Laura W. Weatherup, Susan F. Thibadeau (The May Center for Child Development - Chatham, MA)
109. Social Time-Out: An Intervention for Decreasing Inappropriate Social Behaviors in Mentally Retarded Adults. DEBRA FARRAR-SCHNEIDER (Louisiana State University - Baton Rouge, LA)
110. A Comparison of the Effects of Gentle Teaching and Individual Educational Programming for Adults with Complex Developmental Disabilities and Challenging Behavior. CHRIS CULLEN (Keele University & North Staffordshire Combined Healthcare Trust - England), Rachel Mappin (Glasgow University - Scotland)
111. Environmental Analysis of the Stereotyped Responses of Students with Autism. KIM A. MEYER, Craig H. Kennedy, Smita Shukla (University of Hawaii - Honolulu, HI)



112. Employing a Computer with a Touch Screen to Assess Visual Attention in Young Children and Adolescents with Mental Retardation. NANCY H. HUGUENIN (Behavior Analysis & Technology, Inc. - Groton, MA)
113. Effects of a Family Training Program on the Development of Persons with Mental Retardation. SHEILA M. WILLIAMSON (North Mississippi Regional Center - Oxford, MS), Alan M. Gross (University of Mississippi - University, MS)
114. Response Deprivation and Childhood Autism. MARK A. ADAMS, Kristi L. Rydeen, Kristy Keely (University of Nevada - Reno, NV)
115. The Effects of Three vs. Six Instructions on the Efficacy of the High-P Treatment. JOHN HAMPEL, Flavia M. Ploog (Children's Seashore House - Philadelphia, PA)

**# 275 Community/Corrections and Education**

Poster Session  
International  
5:00 PM - 6:30 PM  
Golden Gate Hall  
CCS & EDC

116. Supported Living for Individuals with Long-Term Behavior Needs: Community-Based Programming for Individuals with Acquired Brain Injuries. ROB CHITTUM, Scott Helsinger (ReMed's Program for Individuals with Autism - Conshohocken, PA)
117. Using Response Cards to Teach an Introductory Educational Psychology Course in a Large University Classroom. SATORU SHIMAMUNE, Katsunori Fujiyoshi, Shinichi Natsugoe, Takako Torigoe (Naruto University of Education - Tokushima-ken, Japan)
118. Teaching to be a Deadman to Swim Farther: A Behavioral Package Program for Long-Distance Swimming. SATORU SHIMAMUNE, Takahisa Minami, Akiyo Iwashima (Naruto University of Education - Tokushima-ken, Japan)
119. Training Behavior Analytic Terminology with Exemplars: Development and Evaluation of a Computer-Based Program. KATRINA E. GANTLY, BRAM C. GOLDWATER, Loren E. Acker (University of Victoria, Victoria - BC Canada)

120. Effectiveness of Multiply Charts and Equal Interval Charts for Assessing Learning in Academic Sprints. JEREMY B. CLOREFENE, PENNY L. WOLFE, CLAIRE Z. KALPAKJIAN (Illionois Institute of Technology - Chicago, IL), James Peters, Hollind Kevo (Morningside Learning Systems - Seattle, WA), Charles Merbitz (Illinois Institute of Technology - Chicago, IL)
121. Effort Training, Task Difficulty and Generalization. ROSELINE GARON, Manon Theoret, Huguette Begin (University of Montreal - Quebec, Canada)
122. The Effects of Contingent Access to Preferred Play Activities on Child Engagement in Prewriting Activities for Young Children with Developmental Disabilities. CHRISTINE DEMBECK (Greene County Educational Service Center), DIANE M. SAINATO, TAMARA TIMKO (The Ohio State University - Columbus, OH)
123. How to Start a Therapeutic Recreational Program in Your Community. CONCEPCION ORTIZ BLAKE, JIN-JIN YANG (The Ohio State University - Columbus, OH)
124. Rates and Patterns of Quiz Completion in a PSI Course in Introductory Psychology. HSIN-I HUANG, Thomas S. Higbee, Michael C. Clayton, Patrick M. Ghezzi (University of Nevada - Reno, NV)
125. Using Functional Communication Training and Learning Centers to Improve Prosocial Behavior. JILL J. WHITMAN, MAUREEN BRANSTETTER, Stephanie Peck (Gonzaga University - Spokane, WA)
126. Generalization of Treatment Effects Following Educational Intervention: Acquisition of Sign Language by a Child with Developmental Delays. HEATHER M. CURTIS, Stephanie Peck (Gonzaga University - Spokane, WA)
127. Self-Management Training: An Adolescent HIV / AIDS Prevention Program. BO-JAMES GILBERT, Thomas A. Brigham (Washington State University - Pullman, WA)
128. The Use of Antecedent Management to Reduce Inappropriate Sexual Behavior in a Fourteen-Year-Old Student with the Diagnosis of Acquired Brain Injury. ALYSON AMARAL, Nina Marchese (The May Institute - Randolph, MA)

129. Teaching a Four-Year-Old Child to Label Letters Using Mnemonics. DEBORAH A. NAPOLITANO, Barbara C. Etzel (University of Kansas - Lawrence, KS)
130. A Drug Education Curriculum to Address the Needs of a Group of Nine-to-Twelve-Year-Old Students with the Diagnosis of Acquired Brain Injury. NINA MARCHESE, Alyson Amaral, Heidi Meikrantz (The May Institute - Randolph, MA)
131. Making the Way Back to the School and Community - Special Challenges for Students with the Diagnosis of Acquired Brain Injury. EUGENE A. RODDY, COLLEEN MADIGAN, NINA MARCHESE (The May Institute - Randolph, MA)
132. Promoting Academic Engagement and Second Language Acquisition Through Classwide Peer Tutoring for Limited English Proficient Students. CLAUDIA PERDOMO, CARMEN ARREAGA-MAYER, Evelia Acosta, Yolanda Tapia, Harriett Dawson (Juniper Gardens Children's Project - Kansas City, KS)
133. Increased Independent use of Self-Management in the Classroom. AMY E. BOYAJIAN (Children's Seashore House - Bethlehem, PA), Lee Kern (University of Pennsylvania - Philadelphia, PA), Tammy Marder, Christina Elliot (Children's Seashore House - Kansas City, KS)
134. Constant Time Delay: Replication in the Real World. MARIE C. KEEL (Georgia State University - Atlanta, GA)
135. Self-Management of a Premack Hierarchy using Pictures for Pre-Schoolers with Autism. DANA R. REINECKE (Room to Grow and Queens College and the Graduate Center / CUNY - Flushing, NY), BOBBY NEWMAN (Queens College and the Graduate Center / CUNY and Association in Manhattan for Autistic Children - New York, NY), LISA TUNTIGIAN (Queens College, CUNY - New York, NY)

136. Self-Management of Creativity in Students with Autism. BOBBY NEWMAN (Queens College and the Graduate Center/CUNY and Association in Manhattan for Autistic Children - New York, NY), DEBORAH L. MEINBERG (Association in Manhattan for Autistic Children - New York, NY), DANA R. REINECKE (Room to Grow and Queens College and the Graduate Center/CUNY - Flushing, NY)
137. Self-Management of Sharing in Students with Autism. DEBORAH L. MEINBERG (Association in Manhattan for Autistic Children - New York, NY), BOBBY NEWMAN (Queens College and the Graduate Center / CUNY and Association in Manhattan for Autistic Children - New York, NY), DANA R. REINECKE (Room to Grow and Queens College and the Graduate Center / CUNY - Flushing, NY)
138. Use of Functional Communication Training to Decrease Aberrant Behavior for Children in an Inclusive Preschool Classroom. JENNETTE L. COOK, Sue Dvorsky, Wendy K. Berg (University of Iowa - Iowa City, Iowa), Candace Wood (Cedar Rapids Public Schools - Cedar Rapids, Iowa)
139. Psychology Undergraduate Students' Conceptions About Radical Behaviorism and Their Possible Determinants. CAIO FLAVIO ANDRIUSSI MIGUEL, Maira Ferreira Nakamura (Laboratorio de Psicologia Experimental Pontificia Universidade Catolica de Sao Paulo - SP, Brazil)
140. A Program of Initiation to Volleyball - Applications for Deaf Students. MARIA DA PIEDADE RESENDE DA COSTA, EDISON MARTINS MIRON (Universidade Federal de Sao Carlos - SP, Brazil)
141. Reflectivity - Impulsivity and Applied Behavior Analysis. JOSE I. NAVARRO, Manuel Aguilar, Esperanza Marchena, Concha Alcalde (University of Cadiz - Puerto Real, Spain)
142. Using a Think / Write Weekly Probe as a Curriculum-Based Assessment to Evaluate the Effectiveness of Content Acquisition with University Students. WILLIAM J. SWEENEY (University of South Dakota - Vermillion, SD)

143. Using SAFMEDS as a Curriculum-Based Assessment Strategy for Evaluating the Classwide Instructional Fluency Related to Content Instruction in University Courses. WILLIAM J. SWEENEY (University of South Dakota - Vermillion, SD)
144. Linking Schools with Contemporary Families. BELINDA LAZARUS (University of Michigan - Dearborn - Dearborn, MI)
145. Recording Behavior: A New Technology. SANDER MARTIN, RICK SMITH (University of North Texas - Denton, TX)

**# 276 Ethical/Legal/Social, Clinical/Family/Behavioral, and Theoretical/Philosophical/Conceptual Issues**

Poster Session  
International  
5:00 PM - 6:30 PM  
Golden Gate Hall  
ELS, CBM, & TPC

146. Reduction of Treatment Costs Through Early Generalization: Training the Caregiver as Therapist. DAVID L. JAQUESS, Merrill Berkowitz, Ramasamy Manikam (Johns Hopkins University School of Medicine & Kennedy Krieger Institute)
147. A Behavioral Approach to the Study of Battered Women. STACIA N. HAMILTON, Jeffrey N. Weatherly (Washington State University - Pullman, WA)
148. Violent Episodes as Reported in Brazilian Newspapers: A Tentative Analysis Based on Sidman's *Coercion and Its Fallout*. MARIA AMALIA ANDERY, TEREZA MARIA SERIO (Pontificia Universidade Catolica de Sao Paulo - SP, Brazil)
149. 1995 International Science and Engineering Fair Third Place B.F. Skinner Award: "What Characteristics are Associated with Alcohol, Tobacco, and Drug Use Among Teenagers?" ASHLEY A. BLASDELL (Rochester High School - Rochester, IL)
150. Maintenance of Basic Community Functioning Skills in a Chronic Mentally Ill Population. DENISE P. GAINES, ERIK MAYVILLE, KEREEN KELLEY, KEVEN SCHOCK (University of the Pacific - Stockton, CA)
151. An Attempt to Treat Negative Symptomology in a 34-Year-Old Schizophrenic Female. DENISE P. GAINES, JULIE SCHEPIS (University of the Pacific - Stockton, CA)

152. The Wonders of White Bread II. KELLY KATES (Children's Seashore House - Philadelphia, PA), JOSEPH LALLI, JOYCE MAUK (University of Pennsylvania - Philadelphia, PA), SEAN CASEY, ROBERT BARONE, CONNIE HOLT, SUSAN WILLIAMS (Children's Seashore House - Philadelphia, PA)
153. Increasing Psychiatric Inpatients' Group Participation Through Reducing Availability of Competing Activities. CHRISTOPH LEONHARD (McLean Hospital and Harvard Medical School)
154. Antecedent Strategies - The Effect of a Self-Evaluation Monitoring System on the Daily Routines of Three Adolescent Males with Traumatic Brain Injury. HEIDI MEIKRANTZ, Michelle Croce, Rita Gardner (The May Institute, Inc. - Randolph, MA)
155. Pharmacological and Behavioral Balancing in Two Children with Seizure Disorders. AIMEE ELIZABETH BREWER (The May Institute, Inc. - Randolph, MA)
156. A Functional Neuroimaging Study to Assess Changes in Regional Cerebral Blood Flow and Behavior in Adults with Attention Deficit Hyperactivity Disorder During a Vigilance Task. J. B. SCHWEITZER, Clinton Donald Kilts, Tracy Faber, John Votaw, Larry Tune, John M. Hoffman (Emory University School of Medicine - Atlanta, GA)
157. Pavlovian Facilitation by Centrally Acting Drugs: Transfer Tests Without Inhibition Training. JOSUE P. KEELY, Mark A. Miller, B. Kent Parker, David W. Schaal (West Virginia University - Morgantown, WV)
158. Behavior Analysis Interventions to Improve Child Participation in Early Brain Injury Rehabilitation. CINDY L. TUCKER, Robert C. Sevier, Alana C. Kane, Alma H. Suter, Keith J. Slifer (Kennedy Krieger Institute and the Johns Hopkins University School of Medicine)
159. Assessing Medication Effects on the Responsiveness of Children with Brain Injury who are Slow-to-Recover. ARLENE C. GERSON, Cindy L. Tucker, Catherine Bass, Elizabeth P. Clawson, Gretchen L. Soles, Keith J. Slifer (Kennedy Krieger Institute and the Johns Hopkins University School of Medicine)

160. Increasing Independent Bowel Management in Children with Congenital Gastrointestinal Disorders. MARILYN D. CATALDO, Alma H. Suter, Keith J. Slifer (Kennedy Krieger Institute and the Johns Hopkins University School of Medicine)
161. The Therapeutic Practice in Different Approaches: A Study on the Techniques Used by Therapists. ALESSANDRA LOPES AVANZI (Pontificia Universidade Catolica de Sao Paulo - SP, Brazil)
162. Symptom Reduction Over Time in a Behavioral Treatment Program for High Service Use Schizophrenics. MICHELLE FRANCO, Mary Duncan, Robert Felix, Kereen Kelley (Community Re-Entry Program, University of the Pacific - Stockton, CA)
163. Reducing Locked Psychiatric Time for Treatment-Resistive Schizophrenics in a Short-Term Residential Behavioral Treatment Facility. HOLLY A. BROWNING, Keven M. Schock (Community Re-Entry Program, University of the Pacific - Stockton, CA)
164. Using a DRL Schedule and Stimulus Control to Decrease the Frequency of Perseverations in a 29-Year-Old Head Injured Male. ED GRAVELY (Centre for Behavioural Rehabilitation / Chedoke-McMaster Hospitals - Hamilton, Ontario, Canada)
165. A Comprehensive Behavior Analysis Treatment Package for Aggressive and Self-Abusive Behaviors of a Female with Acquired Brain Injury. TANYA DARBY (Centre for Behavioural Rehabilitation / Chedoke-McMaster Hospitals - Hamilton, Ontario, Canada), Ali Uzunoz (Brain Injury Services of Hamilton/McMaster University - Hamilton, Ontario, Canada)
166. Normative Data on the SNAP-IV Rating Scale. SABRINA E. SCHUCK, Tim L. Wigal, Walter E. Clevenger, James M. Swanson (University of California - Irvine, CA)
167. Shaping a Neural Net. STEVEN M. KEMP (University of North Carolina at Chapel Hill - Chapel Hill, NC)
168. A Review of Interobserver Agreement Procedures Reported in the Journal of Behavior Analysis (1976-1995). ANGELA GONZALEZ, Richard G. Smith, Anthony Cammilleri (University of North Texas - Denton, TX)

169. The Proactive Effect of Learning During Visual Discrimination Tasks. DANA WALES, GREG ESTADT, James Anthony, Chris King (Bancroft, Inc. - Haddonfield, NJ)
170. The Use of Choice in the Assessment of Social Preferences and Treatment of Aberrant Behavior. MIRIAM MEYER, Anthony Gross (Bancroft, Inc. - Haddonfield, NJ)
171. Photographic Activity Schedules to Increase On-Task Behavior in a 14-Year-Old Child with Autism. KIRSTI GILDE, ELI PEDERSEN (Midttunheimen - Bergen, Norway), Erik Arntzen (University of Oslo - Norway)
172. Physical Analogs for Behavioral Processes: The History and the Analysis of Relations Between Physics and the Quantitative Modeling of Behavior. FREDY REYES (Universidad Santo Tomas - Colombia), Ruben Ardila (Universidad Nacional de Colombia - Colombia)
173. The Behavioral Theory of Timing: The History of Empirical and Theoretical Research. FREDY REYES (Universidad Santo Tomas - Colombia), Ruben Ardila (Universidad Nacional de Colombia - Colombia)
174. Matching Models for Signal Detection: The History of Empirical and Theoretical Research. FREDY REYES (Universidad Santo Tomas - Colombia), Daissy Ramirez (Universidad Catolica - Colombia)
175. Application of New Meta-Analytic Statistics to the Autocorrelation Issue. LAURA L. METHOT (St. Mary's University - Halifax, Nova Scotia), BRADLEY E. HUITEMA (Western Michigan University - Kalamazoo, MI)
176. The Role of Private Events as a Control Variable in Therapeutic Sessions: Colaterality of Determinism? ROBERTA KOVAC, Denis Roberto Zamignani, ROBERTO ALVES BANACO (Pontificia Universidade Catolica de Sao Paulo - Brazil)
177. A Review of Data Collection Procedures Reported in the *Journal of Applied Behavior Analysis* (1976 - 1995). ANTHONY P. CAMMILLERI, Richard G. Smith, Angela Gonzalez (University of North Texas - Denton, TX)



**# 277 Awards Ceremony**

Special Event  
6:45 PM - 7:00 PM  
Yerba Buena Ballroom  
(Salon 9)

Chair: Richard M. Foxx (Pennsylvania State University - Middletown, PA)

Marilyn K. Bonem (Eastern Michigan University - Ypsilanti, MI) will give the following awards: Effective Presentation of Behavior Analysis in the Mass Media, Distinguished Service to Behavior Analysis, and excellence in Behavior Analysis in the Public Service.



**# 278 Behavioral Processes in Humans and Nonhuman Animals: How Similar are They?**

Special Event  
7:00 PM - 8:00 PM  
Yerba Buena Ballroom  
(Salon 9)

Presidential Address

Chair: Richard M. Foxx (Pennsylvania State University - Middletown, PA)

Presenter: MARC N. BRANCH (University of Florida - Gainesville, FL)

**# 279 ABA Social**

9:00 PM - 1:00 AM  
Yerba Buena Ballroom  
(Salons 8 & 9)

ABA Dance with a disc jockey and cash bar. No ticket required for admission. Free to all convention registrants.

# 1996 ABA Award Recipients

## **Award for Distinguished Service to Behavior Analysis** **Joseph Brady**

His high profile in basic research includes pioneering work in behavioral medicine, behavioral pharmacology, and conditioned suppression, key in the development of those subdisciplines. Features in JEAB and JABA and work on drug abuse are a further commitment to integrating basic and applied research.

## **Award for Effective Presentation of Behavior Analysis in the Mass Media** **Catherine Maurice**

Her book, *Let Me Hear Your Voice*, greatly promoted the field of behavior analysis. It is the dramatic account of her discovery and use of behavioral techniques in teaching her two autistic children and is strongly supported by the BALANCE SIG.

## **Award for International Dissemination of Behavior Analysis** **Murray Sidman**

Through his classic text on single-subject research methodology, his groundbreaking conceptual and experimental work in avoidance learning and stimulus control, and his eloquent writing, Dr. Sidman has truly served as a model for Behavior Analysis the world over. He is an ambassador for Behavior Analysis, having taught and consulted extensively in several countries including Brazil, Japan, Norway, New Zealand, and Great Britain.

## **Award for Public Service in Behavior Analysis** **Brian Iwata**

He is recognized for tackling a most difficult behavior problem, self-injury. Most striking is the diversity and impact of his activity, ranging from critical research to legal and political activities. He has made dramatic headway in insisting that highly controversial decisions regarding the use of aversives be made empirically.

Room	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM
Golden Gate A	Exhibitor Booths Open						
Golden Gate B							
Golden Gate C							
Salon 1			# 182 Free-Operant	# 198 Sales and Scholarship			#233A PRM
Salon 2			# 181B TBA: General Issues	# 206 Emergent Performance			# 230 Stimulus
Salon 3	# 176 Diversity	# 181A AD Caregivers	# 197 Integrative Approach		# 220 Behav Anal with Older Adults		
Salon 4		# 180 Ethical/Practical Issue	# 205 Organizational Consult		# 219 TBA OBM Consult		
Salon 5	# 175 RIL SIG	# 179 Pavlovian	# 196 Assessment and Treatment				# 229 Basic Science
Salon 6	# 174 TBA SIG	# 178 Improving Services	# 204 Self-Injurious Behav		# 218 Proactive Antecedent		
Salon 7					# 217 Integrating Basic/Applied Res		
Salon 8		# 177 Contiguity, Contingency, ...					
Salon 9							
Salon 10			# 183 Future Directions			# 221 Techniques for	
Salon 11		# 184 Global Open ...	# 199 Behaviorism	# 214 Computer Sim		# 231A Bridging	
Salon 12		# 185 Mgmt Innovations	# 207 Leveraging the Power		# 222 Operant Behav		
Salon 13		# 186 Extending Concepts from ...	# 215 Gender-Relate		# 223 Rats/Pigeons		
Salon 14		# 187 Social Interaction Skill	# 208 Effective Transitions		# 224 Death, Dying,		
Salon 15	# 173 Student Breakfast		# 200 Investigation and Intervention		# 225 Out of Sight .		
Nob Hill A		# 188 Evolutionary Biology	# 209 Social Contingencies		# 226 Biology, Neuro-Science	#233B TBA	
Nob Hill B		# 189 TBA Student	# 201 Building Comprehensive, .		# 227 TBA Textbook do?		
Nob Hill C & D		# 190 Development	# 202 Behav Anal/Outcome Measure			# 231B Israel	
Pacific Suite A		# 191 Using Comm Access	# 210 Therapeutic Relations				
Pacific Suite B		# 192 Behav Pharmacology	# 211 Autism, Comm, Soc Interact				
Pacific Suite H		# 193 Contributions and ..	# 212 Expanding the Scope		# 228A Developing Treatments Based		
Pacific Suite I		# 194 New Directions	# 213 Human Operant Behav			# 232 Neural Netwrk	
Pacific Suite J		# 195 Treating At-Risk Families	# 216 Sexuality		# 228 Clinical Behav Anal?		

Room	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM
Golden Gate A				# 271 - # 276 Poster Sessions			
Golden Gate B	Exhibitor Booths Open						
Golden Gate C				# 271 - # 276 Poster Sessions			
Salon 1	# 233A (Continued)	# 254 Studies of Fluency					
Salon 2	# 230 (Continued)	# 253 Progressive Contingencies					
Salon 3		# 252B Loss Control World					
Salon 4	# 238 Issues in Phys Fitness		# 265 Managing ...				
Salon 5	# 229 (Continued)	# 252A TBA Undergraduates					
Salon 6	# 237 Assessment/Treatment	# 262 Barriers to Behav Anal					
Salon 7	# 234 Escape-Motivated Behavior						
Salon 8	# 235 Recent Operant Learning						
Salon 9	# 236 Producing	# 251 Establishing ...					
Salon 10	# 239 Science .	# 255 Conceptual and Philosophical					
Salon 11	# 240 Thanatology	# 256 Treatment of Behav Problems					
Salon 12	# 241 Bridging an Alliance	# 263 School-Based Interventions					
Salon 13	# 242 Applications of Matching Law	# 270 Punishment					
Salon 14	# 243 Beyond Cons	# 257 Current Research on ...					
Salon 15	# 244 Economic ...	# 258 Skinnerian	# 266 Law of Effect				
Nob Hill A	# 233B (Continued)		# 267 Statism				
Nob Hill B	# 245 TBA Teacher Prep Programs	# 268 TBA K-12					
Nob Hill C & D	# 231B Goldiamond						
Pacific Suite A	# 246 Informed Cons	# 259 Reinforcer Assessment .					
Pacific Suite B	# 247 Complex Prob	# 260 Human Behav	# 269 Complex ...				
Pacific Suite H							
Pacific Suite I	# 248 From Basics ...	# 261 Rising to the Challenge					
Pacific Suite J	# 249 Treat the Untreatable	# 264 Reviewing Past ...					

# 277  
Award

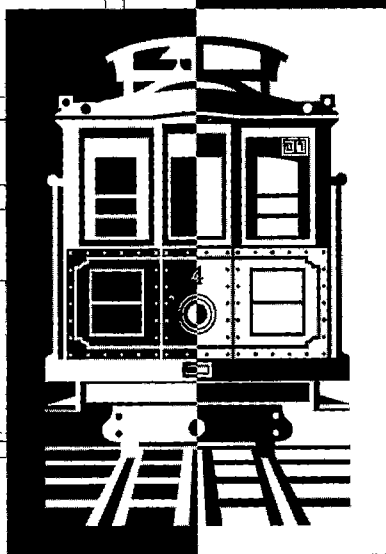
# 278  
Presidential

Don't Miss  
**The ABA Social**  
9:00 PM - 1:00 AM  
Yerba Buena Ballroom  
(Salons 8 & 9)

# 277 Award	# 278 Presidential
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Don't Miss  
**The ABA Social**  
 9:00 PM - 1:00 AM  
 Yerba Buena Ballroom  
 (Salons 8 & 9)

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SAN FRANCISCO

Association  
for Behavior  
Analysis

An International Organization

22nd Annual Convention  
Tuesday, May 28, 1996

Invited Presentation  
Special Events  
Convention Sessions  
Closing Symposium  
Day Schedule

## INVITED PRESENTATIONS

#295 • Sales and Marketing 101: Finding Customers for Effective Instruction.

CARL BINDER

Chair: Hollind Kevo

#302 • Attention Deficit Hyperactivity

Disorder: A Nonlinear Behavior

Analysis. KENT R. JOHNSON

Chair: Ogden R. Lindsley

#314 • Current Behavioral Research with

Young Children -- Symposium

Chair: Michael L. Commons

## SPECIAL EVENTS

#326 • Closing Event: Chapters in the Life of Fred S. Keller (1899 - 1996) --

Memorial Symposium

Chairs: John Keller, Jack Michael

Speakers: John Keller, Donald Cook,

James Dinsmoor, David Eckerman, R.

Douglas Greer, Jack Michael, and others.

## CONVENTION SESSIONS



# 280

Panel

Discussion

9:00 AM - 10:50 AM

Yerba Buena Ballroom

(Salon 7)

DDA

### Common and Critical Elements of Preschool Programs For Children With Autism: Part II

Chair: Andrew S. Bondy (Delaware Autistic Program - Newark, DE)

Panelists:

- LAURA SCHREIBMAN (University of California - La Jolla, CA)
- GAIL MCGEE (Emory University School of Medicine - Atlanta, GA)
- ILENE SCHWARTZ (University of Washington - Seattle, WA)
- SANDRA HARRIS (Rutgers University - Piscataway, NJ)
- JAN HANDLEMAN (Douglas Developmental Disabilities Center - New Brunswick, NJ)



# 281

Symposium

International

9:00 AM - 10:50 AM

Yerba Buena Ballroom

(Salon 8)

DDA

### Early Intervention: Replication and Outcome Data

Chair: O. Ivar Lovaas (University of California - Los Angeles, CA)

- Multi-Site Young Autism Project at Bancroft. SCOTT WRIGHT (Bancroft, Inc.)
- Early Intervention Project at Wisconsin. GLENN SALLOWS (Wisconsin Early Autism Project)
- Early Intervention with 5 and 6 Year-old Children with Autism and PDD. SVEIN EIKESETH (Glenne Senter, Norway)



**# 282**

**Symposium**

9:00 AM - 10:50 AM

Yerba Buena Ballroom

(Salon 6)

DDA

- Early, Intensive Behavioral Treatment for Children with Mild to Moderate Mental Retardation. TRISTRAM SMITH, Annette Groen, Jacqueline W. Wynn, O. Ivar Lovaas (Washington State University and the University of California, Los Angeles)
  - Outcome in Adulthood of Early Intervention for Children with Autism. TRISTRAM SMITH, O. Ivar Lovaas, Jacqueline W. Wynn (Washington State University and the University of California, Los Angeles)
- Quality of Life: Applications at Home, School, and Work**
- Chair: Alan E. Harchik (The May Institute - Springfield, MA)
- Discussant: James A. Sherman (University of Kansas - Lawrence, KS)
- Measuring Quality of Life for People with Severe and Multiple Disabilities Living in the Community. MICHAEL C. STROUSE, Nikki Wolf-Strouse, Jennifer Baker (Community Living Opportunities, Inc. - Overland Park, KS), Jan B. Sheldon, James A. Sherman (University of Kansas - Lawrence, KS)
  - Personalized Quality of Life Plans: Do They Effect Levels of Aberrant Behavior of People with Severe and Multiple Disabilities? DIANE BANNERMAN JURACK, K. Renee Norman, David B. McAdam, Kevin P. Klatt, Paul V. Mott (Community Living Opportunities, Inc., - Overland Park, KS), James A. Sherman, Jan B. Sheldon (University of Kansas - Lawrence, KS), Michael C. Strouse (Community Living Opportunities, Inc., - Overland Park, KS)
  - Enhancing Quality of Life During the Work Day for Adults with Severe and Profound Disabilities. KAREN BUNTON, Matthew M. Mason, Alan E. Harchik (The May Institute - Springfield, MA)
  - Alternatives to Out-of-School Placements: Options for Children and Adolescents Who Exhibit Challenging Behavior in Public School Settings. ARTHUR R. CAMPBELL, Amy J. Harchik, Susan F. Thibadeau (The May Institute - S. Harwich, MA)



## # 283

### Paper Session International

9:00 AM - 10:50 AM  
Yerba Buena Ballroom  
(Salon 5)  
EDC

## Fostering Behavior Analysis in Social Institutions

Chair: Andrew Hawkins (West Virginia University - Morgantown, WV)

- A Single Part-Time Behavior Analyst in a Big School District. AMY KOPPEKIN (The School Board of Brevard County - Melbourne, FL), Jose Martinez-Diaz (Florida Department of Health and Rehabilitative Services)
- Conceptualizing Behavioral Expertise in Classroom Teaching Situations: Implications for Training and Practice. TOM SHARPE (University of Nebraska - Lincoln, NE), ANDREW HAWKINS (West Virginia University - Morgantown, WV), Michael Maestas (University of Nebraska - Lincoln, NE)
- Personnel Preparation in Positive Behavior Support. JAN WEINER (California State University)
- Behavior Analysis and Demography: Incentive Control of Fertility in the Province of Quebec, Canada. CATHIE KRULL, W. D. Pierce (University of Alberta - Alberta, Canada)



## # 284

### Symposium

9:00 AM - 10:50 AM  
Yerba Buena Ballroom  
(Salon 4)  
PRM

## Improving Service Delivery for Persons with Developmental Disabilities Through Staff Management

Chair: Terry J. Page (Bancroft, Inc. - Haddonfield, NJ)

Discussant: Stephen C. Luce (Bancroft, Inc.)

- A System of Program Evaluation and the use of Feedback as a Means of Improving Service Delivery. DAWN SMITH (Bancroft, Inc.)
- The Effects of Wide-Scale Staff Training on Applied Behavior Analysis on Improving Accountability Systems in a Large Human Service Delivery Organization. DAVID TESCH, Kathleen Dyer, Dawn Smith (Bancroft, Inc.)
- Increasing Appropriate Nutrition in Adults with Developmental Disabilities through Staff Training and Management. MARY JEAN GENDER, Terry J. Page, Jeanne M. Bozicek (Bancroft, Inc.)
- An Efficient and Durable Staff Management Strategy for Ensuring a High Quality of Services for Adults with Developmental Disabilities in the Community. KATHLEEN DYER, Mary Jean Gender (Bancroft, Inc.)





## # 285

### Symposium

9:00 AM - 10:50 AM

Yerba Buena Ballroom

(Salon 3)

VRB

## Varieties of Instruction in Communicational Skills

Chair: Ernst L. Moerk (California State University - Fresno, CA)

Discussant: Barbara Kiernan (University of Arizona - Tucson, AZ)

- Helping Babies to "Talk" Before Babies Can Talk: Theoretical and Practical Implications of Symbolic Gestures. SUSAN W. GOODWYN (California State University - Stanislaus, CA), Linda P. Acredolo (University of California - Davis, CA)
- Incremental Complexity in First Language Training. HOLLY LIGHT (California State University - Fresno, CA), Ernst L. Moerk (California State University - Fresno, CA)
- Interactive Storybook Reading with Individuals and Groups. GARY NOVAK (California State University - Stanislaus, CA)
- Achieving Consensus in Latino Preschool and Kindergarten Classrooms: How Teachers Make Speech Audio-Visible. PATRICIA ZUKOW-GOLDRING (University of California - Irvine, CA), Kelley Ferko (University of California - Santa Cruz, CA)

## # 286

### Symposium

International

9:00 AM - 10:50 AM

Yerba Buena Ballroom

(Salon 2)

EAB

## Acquisition and Maintenance of Operant Behavior with Delayed Reinforcement

Chair: David W. Schaal (West Virginia University - Morgantown, WV)

Discussant: Christine E. Hughes (University of North Carolina - Chapel Hill, NC)

- Contingency and Contiguity with Immediate and Delayed Reinforcement. DAVID W. SCHAAL, Timothy A. Shahan (West Virginia University - Morgantown, WV)
- Signal-Food Relations Under Conditions with Briefly Signaled Delayed Reinforcement. AMY L. ODUM, David W. Schaal (West Virginia University - Morgantown, WV)
- Acquisition of Leverpressing by Rats in a Discrete Trial Situation: Effects of Trace and Intertrial Intervals. CARLOS A. BRUNER (National University of Mexico), Laura Acuna (University of Guadalajara),
- Response Acquisition with Delayed Reinforcement in the Presence of an Irrelevant Operandum. APRIL M. WILLIAMS, Kennon A. Lattal (West Virginia University, Morgantown, WV)



### # 287

#### Symposium

9:00 AM - 10:50 AM  
Yerba Buena Ballroom  
(Salon 1)  
EAB

### **Using What We've Learned to Protect the Public's Health: Basic Science and Technology Transfer**

Chair: M. Christopher Newland (Auburn University - Auburn, AL)

Discussant: H. Pennypacker (University of Florida - Tallahassee, FL)

- Contributions of Behavioral Pharmacology to Protecting the Public Health from Drug Abuse. STEPHEN HIGGINS (University of Vermont - VT)
- Test Instructions that Surmount the Language Barrier (Shaping, Modeling, and Symbolic Approaches). W. KENT ANGER, Diane Rohlman, O. J. Sizemore, Craig Kovera (Oregon Health Sciences University - Portland, OR)
- Protecting the Next Generation: Identifying Silent Damage Due to Chemical Exposure during Development. M. CHRISTOPHER NEWLAND, Phyllis Reile (Auburn University - Auburn, AL)



### # 288

#### Symposium

9:00 AM - 10:50 AM  
Yerba Buena Ballroom  
(Salon 10)  
VRB

### **Computer Modeling of Behavior by Radical Behaviorists**

Chair: William R. Hutchison (Behavior Systems - Boulder, CO)

Discussant: Jack Michael (Western Michigan University - Kalamazoo, MI)

- A Software Laboratory in Behavior Theory. DONALD A. COOK (Cambridge Center for Behavioral Studies)
- The Use of Adaptive Network Systems in the Classroom. WILLIAM POTTER (California State University, Stanislaus)
- Adaptive Network Simulations and Verbal Behavior. DAVID C. PALMER (Smith College)
- Verbal Behavior and Equivalence Relations in an Adaptive Software Agent. BETSY J. CONSTANTINE (Cambridge Center for Behavioral Studies)
- Behavior Analysis, Verbal Behavior, and Intelligent Agents. KENNETH R. STEPHENS (BehavHeuristics, Inc.)
- Demonstration of the "7G" Operant Simulation System. WILLIAM R. HUTCHISON (Behavior Systems)

**# 290 Assessment and Treatment of Social Skills Deficits**

Paper Session  
9:00 AM - 10:20 AM  
Yerba Buena Ballroom  
(Salon 12)  
EDC

Chair: Rodney Napper (Malcom X College - Chicago, IL)

- Early Intervention of Antisocial Behavior Problems. MICHELLE MARCHANT, K. Richard Young (Utah State University - Logan, UT)
- The Effects of Teacher Primes and Reinforcement on Increasing Cooperative Play in a Preschool-Age Child. KRISTIE M. FRISSEN, Alita York Cooper, Barbara Etzel (The University of Kansas - Lawrence, KS)
- Development of a Social Skills Measure for Adults with Mild or Moderate Mental Retardation: The Measure of Observable Social Skills (MOSS). DEBRA FARRAR-SCHNEIDER, Johnny L. Matson (Louisiana State University - Baton Rouge, LA), Vesna Kutlesic (University of New Mexico Medical School)



**# 291**

Paper Session  
9:00 AM - 10:20 AM  
Yerba Buena Ballroom  
(Salon 13)  
EAB

**Select Topics in the Experimental Analysis of Behavior**

Chair: Michael Markham (Florida International University - Miami, FL)

- Reinforcing Novel Behavior. LAURIE DEWEES, Armando Machado (Indiana University - Bloomington, IN)
- A Molecular Analysis of Response-Duration Reinforcement. IVER H. IVERSEN (University of North Florida - Jacksonville, FL)
- Identical Behavior Differentiation for Humans and Smaller Animals Under the Control of Functionally Identical Reinforcement Contingencies. JAMES KOPP (University of Texas - Arlington, TX)



**# 292A**

Paper Session  
International  
9:00 AM - 10:50 AM  
Yerba Buena Ballroom  
(Salon 14)  
DDA

**Teaching Verbal and Social Interactions to Autistic Children**

Chair: Paul Weisberg (University of Alabama - Tuscaloosa, AL)

- A Comparison Study of Direct Instruction - With and Without Picture Augmentation to Teach Social Skills to Nonverbal Children with Autism. TAMARA WARREN, Donna Strickland, Lucy Zhang, Pam Wetch (Devereux Treatment Network - Melbourne, FL)
- Teaching Spontaneous Verbal Behavior to Autistic Children: Getting Beyond Prompt Dependency. BRENDA J. TERZICH, Michelle Giambrone (Applied Behavior Consultants - Sacramento, CA)

- Can Children with Autism Learn to Ask Questions Through Systematic Training and Can This Ability to Ask Questions be Generalized to Other Settings? CORRINE R. DONLEY (University of Wisconsin - Oshkosh, WI), Gladys Williams, Jennie W. Keller (Applied Behavioral Consultant Services - New York, NY)
- Verbal Interaction and Autistic Children: Acquisition, Generalization and Maintenance. ERIK JAHR (Habilitation Services - Akershus, Norway)

### # 292B Using Computers to Teach Behavior Analysis

Paper Session  
International  
9:00 AM - 10:50 AM  
Yerba Buena Ballroom  
(Salon 15)  
EDC

Chair: Richard W. Malott (Western Michigan University - Kalamazoo, MI)

- Response Cost as a Method to Improve Performance in Computerized Programmed Instruction. KEVIN J. MUNSON, John Crosbie (West Virginia University - Morgantown, WV)
- Computer-Assisted Instruction: State of the Art. LESLIE BURKETT (University of North Texas - Denton, TX)
- Some Multimedia Visuals for Teaching. MICKEY KEENAN (University of Ulster - North Ireland), KAROLA DILLENBURGER (Queen's University - North Ireland)
- Immediate and Delayed Effects of Imposed Postfeedback Delays. JOHN CROSBIE (West Virginia University - Morgantown, WV), Glenn Kelly (Deakin University)



### # 293

Paper Session  
9:00 AM - 11:00 AM  
Nob Hill A  
TPC

### Unresolved Issues Revisited: Arbitrary Reinforcement, Covert Behavior, Autism, and Response Generalization

Chair: Ron Martella (Eastern Washington University - Cheney, WA)

- Is Arbitrary Reinforcement a Current Dimension of Applied Behavior Analysis? RONNIE DETRICH, WENDE CARTER (Spectrum Center for Educational and Behavioral Development - Berkeley, CA), TERI PALMER (University of Oregon - Corvallis, OR)
- Generalization and Maintenance of Behavior Change: A Prescriptive Analysis. R. WAYNE FUQUA, Douglas W. Woods (Western Michigan University - Kalamazoo, MI)
- Theories of Autistic Behavior in Young Children. SIDNEY W. BIJOU, Patrick M. Ghezzi (University of Nevada - Reno, NV)

- Moving into Uncharted Waters: Methodological Innovations for Investigating Covert Behavior. CARMENNE A. CHIASSON (University of New Mexico - Albuquerque, NM)
- The Generic Nature of Prevention. C. D. CHENEY (Utah State University - Logan, UT)

**# 294 Teaching Behavior Analysis: Students' Reflections on OBM Internships**

Symposium  
9:00 AM - 10:20 AM  
Nob Hill B  
EDC

Chair: Terry E. McSween (Quality Safety Edge - Missouri City, TX)

Discussant: Charles R. Greenwood (University of Kansas - Kansas City, KS)

- What I Didn't Learn in School: Practice, Presentation, and Politics. ANGELICA C. GRINDLE (Western Michigan University - Kalamazoo, MI)
- Valuable Lessons From the "Real World". BRIAN L. COLE (Continuous Learning Group - Morgantown, WV)
- "People Measures" at SmithKline Beecham. SUNNY HORI (West Chester University - West Chester, PA)
- Development and Analysis of Remote Systems to Promote Occupational Safety in Multiple Sites. JIM P. GETTING (Abacus Management Group - Cranston, RI)
- Application of Organizational Behavior Management in a University Office. JUDITH A. HONEYWELL (Western Michigan University - Kalamazoo, MI)



**# 295 Sales and Marketing 101: Finding Customers for Effective Instruction.**

Invited  
Address  
9:00 AM - 9:50 AM  
Nob Hill C & D  
EDC

Chair: Hollind Kevo (Morningside Learning Systems - Seattle, WA)

Presenter: CARL BINDER (Precision Teaching & Management Systems, Inc. - Newton, MA)



**# 296 Acceptance Theory and the Case for Functional Diagnostic Dimensions**

Symposium  
9:00 AM - 10:50 AM  
Pacific (Suite A)  
CBM

Chair: Kelly G. Wilson (University of Nevada - Reno, NV)

Discussant: Robert J. Kohlenberg (University of Washington - Seattle, WA)

- Casting the Net: Functional Diagnostic Dimensions and Behavior-Analytic Theories of Psychopathology. ELIZABETH V. GIFFORD (University of Nevada - Reno, NV)

- Acceptance Theory and Emotional Avoidance. STEVEN C. HAYES (University of Nevada - Reno, NV)
- Empirical Evidence for Acceptance Theory. KELLY G. WILSON (University of Nevada - Reno, NV)
- The Role of Emotional Avoidance in Depression and Suicide. ROBYN D. WALSER (University of Nevada - Reno, NV)
- The Role of Emotional Avoidance in the Sequela of Child Sexual Abuse. VICTORIA M. FOLLETTE (University of Nevada - Reno, NV)

#### # 297

##### Symposium

9:00 AM - 10:50 AM

Pacific (Suite B)

CBM

#### **Challenges for the Future: Designing Community Reentry Programs and Services that Meet the Needs of Individuals with Traumatic Brain Injury**

Chair: Dennis C. Russo (May Center for Health & Rehabilitative Services - Randolph, MA)

Discussant: Frank Bird (May Center for Adult Services - Revere, MA)

- Choice and Routine: Antecedent Behavioral Interventions for Adolescents with Severe Traumatic Brain Injury. TIMOTHY J. FEENEY (Russell Sage College - Troy, NY)
- Development of Community-Based Living Options for Persons with Severe Behavioral Disabilities Due to Brain Injuries--Transition from Institutional Settings. GARY F. WOLCOTT (Neurobehavioral Programs for Persons with Severe Disabilities Due to Brain Injuries Goodwill Industries of Northern New England - Cumberland, ME)
- A Traumatically Brain Injured Child--The Use of Functional Communication Training and Environmental Modification to Decrease the Use of Mechanical Restraints. RITA GARDNER (The May Center for Education and Neurorehabilitation - Randolph, MA)

#### # 298

##### Paper Session

9:00 AM - 9:50 AM

Pacific (Suite H)

TPC

#### **Enhancing and Conceptualizing Humans' Learning**

Chair: Sandra Michele Cooley (Southern Mississippi University - Hattiesburg, MS)

- Deliberate Practice and Expert Performance Research. PETER F. DELANEY, John Austin (Florida State University - Tallahassee, FL)
- An Examination of Kolb's Learning Styles as it Applies to Data that is Presented in Abstract or Concrete Format. GAIL DEMARCO (Illinois Institute of Technology - Chicago, IL)



**# 299**  
**Symposium**

9:00 AM - 10:50 AM  
Pacific (Suite I)  
EAB

**Experimental Analysis of Variability and Resurgence of Human Responding**

Chair: Linda J. Hayes (University of Nevada - Reno, NV) and Cloyd Hyten (University of North Texas - Denton, TX)

Discussant: Philip N. Chase (West Virginia University - Morgantown, WV)

- Response Pattern Variability and Resurgence in Humans During Various Extinction Conditions. CLOYD HYTEN (University of North Texas - Denton, TX), Patricia A. Fitzsimons (Auburn University - Auburn, AL), Bryon Neff (University of North Texas - Denton, TX)
- Resurgence of Response Patterns, Equivalence Classes and Rule Following. LINDA J. HAYES, Mark A. Adams, Otto H. MacLin, Ruth Anne Rehfeldt, Mark Dixon (University of Nevada - Reno, NV)
- History Variables that Affect Resurgence Patterns. FRANCIS MECHNER (Barnard College of Columbia University - New York, NY)



**# 300**  
**Symposium**

9:00 AM - 10:50 AM  
Pacific (Suite J)  
CBM

**Behavioral Methods in the Assessment and Treatment of Pediatric Feeding Difficulties**

Chair: William H. Ahearn (Children's Seashore House - Philadelphia, PA)

Discussant: MaryLouise E. Kerwin (University of Pennsylvania School of Medicine)

- Use of Descriptive Assessment Procedures to Identify Functional Components in the Treatment of Food Refusal. JAY HARDING, David Wacker, Wendy Berg, Linda Cooper, Stephanie Peck, David Richman (The University of Iowa)
- The Assessment and Treatment of Dysphagia: The Evolving Nexus Between Behavioral Psychology, Medicine, and Occupational Therapy. RAMASAMY MANIKAM, Roberta Babbitt (The Kennedy Krieger Institute and Johns Hopkins University School of Medicine)

- Potential Establishing Operations for Food Refusal. W. H. AHEARN, MaryLouise E. Kerwin, Peggy Eicher (University of Pennsylvania School of Medicine)
- Emesis is Our Nemesis: A Descriptive Analysis of Re-Emergent Vomiting During Behavioral Treatment for Food Refusal. ROBERTA BABBITT, Bridget Shore (The Kennedy Krieger Institute and Johns Hopkins University School of Medicine)



**# 301**

Paper Session

10:00 AM - 10:50 AM

Pacific (Suite H)

EAB

### **The Effects of Acceleration on Human Task Performance**

Chair: Eric Jacobs (University of Florida - Gainesville, FL)

- Cumulative Effects of Acceleration on Task Performance in a Dynamic Tactical Aircraft Flight Simulator. DYLAN SCHMORROW, Estrella Forster, Ted Hitchcock (Naval Air Warfare Center - Aircraft Division), Jeffery Morrison (Naval Ocean Surveillance Center - RDT&E Division), Mark Scerbo (Old Dominion University)
- The Effects and Implications of Acceleration Exposure in a Human Centrifuge on Hazardous Duty Subjects. DYLAN SCHMORROW, James Siwert, David Moyers (Naval Air Warfare Center - Warminster, PA)



**# 302**

Invited

Address

10:30 - 11:20 AM

Yerba Buena Ballroom

(Salon 12)

DDA

### **Attention Deficit Hyperactivity Disorder: A Nonlinear Behavior Analysis.**

Chair: Ogden R. Lindsley (Behavior Research Company - Lawrence, KS)

Presenter: KENT R. JOHNSON (Morningside Academy - Seattle, WA)

**# 303**

### **Studies Delayed Reinforcement**

Paper Session

10:30 AM - 11:20 AM

Yerba Buena Ballroom

(Salon 13)

EAB

Chair: Cynthia Pietras (University of Florida - Gainesville, FL)

- The Constant-Difference Invariance and Conditioned Value. HERNAN I. SAVASTANO, Edmund Fantino (University of California - San Diego, CA)
- Delay and Probability Discounting of Actual Monetary Rewards in Human Volunteers. SUZANNE H. MITCHELL (University of New Hampshire - Durham, NH), Harriet de Wit (University of Chicago - Chicago, IL)



### # 304 Empirically Validated Education Packages

Paper Session

10:30 AM - 12:30 PM

Nob Hill B

EDC

Chair: Darrel E. Bostow (University of South Florida - Tampa, FL)

- Action Research: Implementing Connecting Math Concepts. VICKI E. SNIDER, DONALD B. CRAWFORD (University of Wisconsin - Eau Claire, WI), KATHLEEN VAN DE LOO (Bruce Elementary School)
- Making the Most of Instructional Time. LAURA D. FREDRICK, Marie C. Keel (Georgia State University - Atlanta, GA)
- Computer Tutorial that Teach Objective Behavior Measurement Methods and When to use Them. DARREL E. BOSTOW, Kevin Murdock, Chris Willis, Kale M. Kritch (University of South Florida - Tampa, FL)
- Using Skinner's *Walden Two* Novel Effectively: A Study Guide and Computer-Delivered Quizzes. DARREL E. BOSTOW (University of South Florida - Tampa, FL), L. Dodge Fernald (Harvard University - Cambridge, MA), W. Scott Wood (Drake University - Des Moines, IA)



### # 305

Symposium

International

11:00 AM - 12:50 PM

Yerba Buena Ballroom

(Salon 7)

TPC

### Magical, Mystical and Religious Talk

Chair: Adam M. Grundt (University of Nevada -Reno, NV)

Discussant: Jackson M. Marr (Georgia Institute of Technology - Atlanta, GA)

- Radical Behaviorism, Eastern Mysticism, and the Concept of Agency. WILLIAM M. BAUM (University of New Hampshire - Durham, NH)
- Behavioral Solipsism: A Behavioral Analysis. DERMOT BARNES (University College - Cork, Ireland)
- A Radical Behavioral Analysis of the Belief in the Paranormal. ROBERT J. KOHLENBERG (University of Washington - Seattle, WA)
- Understanding Mysticism. LINDA J. HAYES (University of Nevada - Reno, NV)



### # 306

Symposium

11:00 AM - 12:50 PM

Yerba Buena Ballroom

(Salon 8)

EAB

### Experimental Analysis of Visually Inspected Data

Chair: Gene S. Fisch (Kings County Hospital & SUNY/Health Science Center)

Discussant: Alan Poling (Western Michigan University - Kalamazoo, MI)

- Responses to Graphic Data Produced by Auto-Correlation and Ordinary Least Square Regression Equations. GENE S. FISCH (Kings County Hospital & SUNY/ Health Science Center - Brooklyn, NY)
- Signal Detection Analysis of Responses to Graphic Data Produced by Auto-Correlation and Least Square Regression Equations. HILARY J. KARP (University of Houston - Clear Lake, TX), Gene S. Fisch (Kings County Hospital & SUNY/HSC - Brooklyn, NY)
- Visual Analysis of Graphic Data by Scientists-in-Training: A Replication. IRENE GROTE, Donald M. Baer (University of Kansas)
- Relations Among Data Analysts' Discriminations Between Baseline and Intervention Streams, Methods of Data Presentation, and Analyses. JOHN AUSTIN (Florida State University - Tallahassee, FL), Tom Mawhinney (University of Detroit/Mercy - Dearborn, MI)

#### # 307 The UCLA Autism Project: Recent Research

Symposium  
11:00 AM - 12:50 PM  
Yerba Buena Ballroom  
(Salon 6)  
DDA

- Chair: Tristram Smith (Washington State University - Pullman, WA)
- Receptive vs. Expressive Language Acquisition in Young Children with Autism. JACQUELINE W. WYNN (University of California - Los Angeles, CA)
  - Teaching Autistic Children to Learn by Observing Typical Children. JASON BERTELLOTTI (University of California - Los Angeles, CA)
  - Development of Friendships in Children with Autism Who Received Intensive Behavioral Treatment. ANNETTE D. GROEN, Janet Yi (University of California - Los Angeles, CA)
  - Effect of Low vs. High-Functioning Peers in Social Play. NINA LOVAAS (University of California - Los Angeles, CA)



#### # 310 Behavior Analysis of Social Phenomena

Symposium  
11:00 AM - 12:50 PM  
Yerba Buena Ballroom  
(Salon 3)  
DEV

- Chair: Martha Pelaez-Nogueras (Florida International University - Miami, FL)
- Discussant: Jesus Rosales (University of North Texas - Denton, TX)
- Teleological Behaviorism: Is it Necessary or Sufficient? SILVIA CASTLE (University of Nebraska-Lincoln - Lincoln, NE)

- Visual and Auditory Stimulus Control over Nonverbal Behaviors in Young Children. NOEL CROOKS (Florida International University - Miami, FL)
- Infant "Fear of Strangers": A Learned Phenomenon. KERRIE L. LUM LOCK (Florida International University - Miami, FL)
- A Behavior-Analytic Approach to the Dynamic System of Parent-Infant Interactions. SUSAN A. HOLT (California State University - Stanislaus, CA)
- Fear of the Dark Can be Conditioned. AIDA SANCHEZ (Florida International University - Miami, FL)

### **# 311      Toward Integrating Stimulus Equivalence and Fluency in a Selectionist Framework**

Symposium

11:00 AM - 12:50 PM  
Yerba Buena Ballroom  
(Salon 2)  
EAB

Chair: Sigrid S. Glenn (University of North Texas)

- Measuring Stimulus Control Operants as Evolutionary Individuals. SIGRID S. GLENN (University of North Texas)
- Further Effects of a Point Loss Contingency on Equivalence. ANDREA M. PEUSTER (University of North Texas)
- The Role of Fluency in the Emergence of the Derived Relations of Stimulus Equivalence. LESLIE S. BURKETT (University of North Texas)
- The Effects of Fluency on Contingency Addition in a Stimulus Equivalence Procedure. NAN SPECK (East Texas State University)
- An Application Task Using Math Problems as a Test for Stimulus Equivalence. JOHN M. LUBY (University of North Texas)

### **# 312      Contingency Management and the Behavioral Treatment of Drug Abuse**

Symposium

11:00 AM - 12:50 PM  
Yerba Buena Ballroom  
(Salon 1)  
TOX

Chair: Nancy Petry (University of Vermont)

Discussant: Stephen T. Higgins (University of Vermont)

- Voucher-Based Reinforcement of Cocaine and Opiate Abstinence: Effects of Reinforcement Magnitude. KENNETH SILVERMAN, Mary Ann D. Chutuape, George E. Bigelow, Maxine L. Stitzer (Johns Hopkins University School of Medicine)



- Voucher-Based Reinforcement Improves Cocaine Abstinence in an Outpatient treatment Clinic. CONRAD J. WONG, Stephen T. Higgins, Alan J. Budney (University of Vermont)
- Contingency Contracting for Alcohol and Drug Abstinence in a Methadone Program. NANCY A. PIOTROWSKI (University of California - Berkeley, CA), Donald J. Tusel, Karen L. Sees, Patrick M. Reilly, Peter Banys, Patricia Meek, Sharon M. Hall (University of California, San Francisco and San Francisco VA Medical Center)
- Treating Drug Abuse by Reinforcing Operants Other than the Delivery of Drug Free Urines. MARTIN Y. IGUCHI (Medical College of Pennsylvania and Hahnemann University)
- Buprenorphine Detoxification and Behavioral Treatment With and Without Contingent Reinforcement on Compliance With Non-Drug Related Activities. NANCY PETRY, Warren Bickel (University of Vermont)



**# 313**  
Symposium  
11:00 AM - 12:50 PM  
Yerba Buena Ballroom  
(Salon 10)  
VRB

**Rule Governance: Conceptual, Theoretical, and Experimental Explorations**

Chair: Deirdre L. Gonzales (University of Nevada - Reno, NV)

Discussant: Robert D. Zettle (Wichita State University - Wichita, KS)

- Rule-Governed Behavior and the Analysis of Values. PATRICIA A. BACH (University of Nevada - Reno, NV)
- Rule Following in Children with Attention Problems: A Historical Analysis. SCOTT HARRINGTON, Steven C. Hayes (University of Nevada - Reno, NV)
- Rules, Instructions and Stimulus Equivalence. MARK GALIZIO, Carol Pilgrim (University of North Carolina at Wilmington - Wilmington, NC)
- Correlation Between Self-Reported Personal Rigidity, Stimulus Equivalence, and Rule-Governed Insensitivity to Operant Contingencies. RICHARD T. BISSETT, Steven C. Hayes (University of Nevada - Reno, NV)



**# 314**

Invited  
Symposium  
International  
11:00 AM - 12:50 PM  
Yerba Buena Ballroom  
(Salon 11)  
DEV

### **Current Behavioral Research with Young Children**

Chair: Michael L. Commons (Harvard University Medical School - Cambridge, MA)

Discussant: Michael L. Commons (Harvard University Medical School - Cambridge, MA)

- The Study of Natural Contingencies: Problems of Method and Analysis. FLORENTE LOPEZ-RODRIGUEZ (Universidad Nacional Autonoma de Mexico), Daniel Gomez-Fuentes (Veracruz University)
- Evaluating the Effects of Two Matching-to-Sample Procedures on the Learning of Concepts of Hyperactive Children. MARCO WILFREDO SALAS MARTINEZ, Martin Ortiz Bueno, Dinorah Leon Cordoba (Veracruz University - Mexico)
- Number Conservation in Children: A Response under the Discriminative Control of Discontinuous Set Transformation by Addition. JEAN -CLAUDE DARCHEVILLE (Universite Charles-de-Gaulle de Lille)
- A Longitudinal Study of Aggressive Patterns of Preschool Age Children. C. SANTOYO, C. Espinosa, O. Maciel (National Autonomous University of Mexico - Mexico)
- A Selectionist Approach to the Problem of Universal. ULLIN T. PLACE (University of Wales Bangor)



**# 315**

Panel  
Discussion  
11:00 AM - 12:50 PM  
Yerba Buena Ballroom  
(Salon 14)  
DDA

### **A Model for Coordinating Interagency Implementation of Intensive Early Interventions for Autism**

Chair: Richard W. Couch (Regional Center of the East Bay)

Panelists:

- BRENDA TERZICH (Applied Behavior Consultants)
- MICHELLE GIAMBRONE (Applied Behavior Consultants)
- JOE MORROW (Applied Behavior Consultants)
- JOHNNY WELTON (Contra Costa SELPA)
- JEFFIE GELLERMAN (FAIR)

**# 316**

Paper Session  
International  
11:00 AM - 12:50 PM  
Yerba Buena Ballroom  
(Salon 15)  
EAB

### **Stimulus Equivalence**

Chair: Jarret S. Frank (Florida International University - Miami, FL)

- Transfer of Self-Discrimination Response Functions Through Equivalence Relations: A Developmental Study. SIMON DYMOND, Dermot Barnes (University College Cork - Cork, Ireland)

- One-to-Many Versus Many-to-One, Versus Linear Series Training-Probability of Equivalence Outcome. PER HOLTH, Erik Arntzen (University of Oslo - Oslo, Norway)
- Probability of Equivalence as a Function of Combinations of Familiar and Unfamiliar Stimuli. ERIK ARNTZEN, Per Holth (University of Oslo - Oslo, Norway)
- The Role of Verbal Behavior in the Development of Stimulus Equivalence. SVEIN EIKESETH (Glenne Center - Norway)



### **# 317 Positive Strategies for Effective Education in American Schools - Number Three**

**Discussion** Chair: Corrine R. Donley (University of Wisconsin Oshkosh - Oshkosh, WI)

11:00 AM - 12:50 PM

**Nob Hill C & D** Discussant: Beth Sulzer-Azaroff (University of Massachusetts / The Browns Group - Naples, FL)

**EDC**

**Panelists:**

- T. V. JOE LAYNG (Malcolm X College - Chicago, IL)
- G. ROY MAYER (California State University - Los Angeles, CA)
- LIBBY STREET (Central Washington University - Ellensburg, WA)
- CATHY L. WATKINS (California State University, Stanislaus - Turlock, CA)
- ROBERTA STARK WEISBERG (Tuscaloosa City Schools - Tuscaloosa, AL)

**Guest Panelists:**

- JOE C. BUENAVISTA (San Francisco Unified School District - San Francisco, CA)
- KAREN CANCINO (San Francisco Unified School District - San Francisco, CA)
- JOYCE CHISHOLM (San Francisco Unified School District - San Francisco, CA)
- LINDA F. DAVIS (San Francisco Unified School District - San Francisco, CA)
- ROBERT FIGONE (San Francisco Unified School District - San Francisco, CA)



**# 318**

Symposium

11:00 AM - 12:50 PM

Pacific (Suite A)

CBM

**Advance in Behavior Pediatrics**

Chair: Wayne W. Fisher (Kennedy Krieger Institute - Baltimore, MD)

Discussant: Michael F. Cataldo (Kennedy Krieger Institute - Baltimore, MD)

- Operant Features of Pain Management in Children with Recurrent Headache. KEITH D. ALLEN (University of Nebraska Medical Center)
- Recent Trends in Evaluation and Treatment of Behavioral Feeding Disorders. LINDA J. COOPER, David P. Wacker (University of Iowa)
- Behavioral Treatment for Thumb Sucking: A Model for Behavioral Pediatrics in Primary Care. PATRICK C. FRIMAN (Creighton University School of Medicine)
- Chronobiological and Environmental Variables that Affect Sleep Treatment. CATHLEEN C. PIAZZA (Kennedy Krieger Institute)



**# 319**

Symposium

11:00 AM - 12:50 PM

Pacific (Suite B)

CBM

**Innovations in the Behavioral Treatment of Pediatric Feeding Disorders**

Chair: Roberta L. Babbitt (The Kennedy Krieger Institute - Baltimore, MD)

Discussant: Theodore A. Hoch (West Virginia University - Morgantown, WV)

- Preferences in Food Type and Temperature: Differences Between Children With and Without Feeding Disorders. MERRILL BERKOWITZ (The Kennedy Krieger Institute - Baltimore, MD), Roberta L. Babbitt (The Kennedy Krieger Institute and Johns Hopkins University School of Medicine - Baltimore, MD), Amanda Thomas (Loyola College in Maryland - Baltimore, MD)
- Jump Start Texture Fading: An Efficient and Effective Method for Increasing Texture Tolerance. BRIDGET A. SHORE, Roberta L. Babbitt (The Kennedy Krieger Institute and Johns Hopkins University School of Medicine - Baltimore, MD), Keith E. Williams, Angela Snyder, K. K. Lam (The Kennedy Krieger Institute - Baltimore, MD)

- Treatments with a Twist: Stimulus Fading Procedures for the Acquisition of Drinking and Self-Feeding Skills. LAURA RIZOL, Keith Williams, Laurie Gordon (The Kennedy Krieger Institute - Baltimore, MD), Roberta L. Babbitt (The Kennedy Krieger Institute and Johns Hopkins University School of Medicine - Baltimore, MD)
- A Model Multidisciplinary Program for the Treatment of Childhood Obesity. CHARLES HAMMEL, Anu Naidu, Dina Hajimihalis (The Kennedy Krieger Institute - Baltimore, MD), Ramasamy Manikam, Roberta L. Babbitt (The Kennedy Krieger Institute and Johns Hopkins University School of Medicine - Baltimore, MD)



**# 320**

Paper Session

11:00 AM - 11:50 AM

Pacific (Suite H)

TPC

### **Conceptual Issues in the Experimental Analysis of Behavior**

Chair: Manish Vaidya (University of Florida - Gainesville, FL)

- The History of Histories. DUANE C. LORD, Linda J. Hayes (University of Nevada - Reno, NV)
- I Think Because I Can. MANFRED W. HAERTEL (Grove City, OH)



**# 321**

Paper Session

Tuesday

11:00 AM - 12:50 PM

Pacific (Suite I)

EAB

### **Experimental Analyses of the Behavior of Nonhumans**

Chair: Deana Zabaldo (University of Florida - Gainesville, FL)

- Self-Control and Impulsivity in Pigeons as a Function of Response Topography: Pecking vs. Treading. GREGORY J. MADDEN (University of Vermont - Burlington, VT), Mark R. Reilly, Timothy A. Shahan, Michael Perone (West Virginia University - Morgantown, WV)
- An Evaluation of Activity and Feeding Interactions. PAULINE B. THOMPSON (Temple University - Philadelphia, PA)
- Temporal Discrimination. CARLOS F. APARICIO (University of Mississippi - University, MS)
- Coupling Behavior to Incentives in Ratio Schedules. LEWIS A. BIZO, Peter R. Killeen (Arizona State University - Tempe, AZ)



**# 322 Keeping Families Together**

Symposium  
11:00 AM - 12:50 PM  
Pacific (Suite J)  
CBM

Chair: Cydney Yerushalmi (Private Practice - Orlando, FL)  
Discussant: Jeannie Golden (East Carolina University - Greenville, NC)

- Individualized Service Strategies for Improving Outcomes for Foster Children with Behavior Problems: Outcome Findings. HEWITT B. CLARK, Mark E. Prange (University of South Florida - Tampa, FL)
- Outcome Evaluation and Predicting Treatment Failures. CYDNEY YERUSHALMI (Private Practice - Orlando, FL), Sharon E. Older (Intervention Services, Inc. - Orlando, FL), Jose Martinez-Diaz (Florida Department of Health and Rehabilitative Services)
- Resistant Parents: Strategies for Success. SHARON E. OLDER (Intervention Services, Inc. - Orlando, FL)



**# 323 Epistemology and Methodology in Behavior Analysis**

Paper Session  
International  
11:10 AM - 1:00 PM  
Nob Hill A  
TPC

Chair: Carmenne Chiasson (University of New Mexico - Albuquerque, NM)

- Are You Hanging Your Analytic Hat on Necessary Contiguity? DOUGLAS P. FIELD (Temple University - Philadelphia, PA)
- Positivistic vs. Pragmatic Interpretations of Behavior Analytic Science. SAM LEIGLAND (Gonzaga University - Spokane, WA)
- Changes in the Methodological Proposals of B. F. Skinner. NILZA MICHELETTO (Pontificia Universidade Catolica de Sao Paulo - Brazil)
- Hierarchism as an Encompassing World Hypothesis. JOSE E. BURGOS (Universidad Central de Venezuela - Venezuela)

**# 324 Concurrent Schedule Performance of Pigeons: Foraging and Stimulus Control**

Paper Session  
International  
11:30 AM - 12:50 PM  
Yerba Buena Ballroom  
(Salon 13)  
EAB

Chair: Darlene Todd (University of Manitoba - Manitoba, Canada)

- Effects of Travel Time, Session Length, and Level of Food Deprivation in a Laboratory Analogue of Foraging. MAX JONES, Michael Davison, Douglas Elliffe (University of Auckland - New Zealand)

- The Control of Choice by its Consequences. MAX JONES, Michael Davison (University of Auckland - New Zealand)
- Effects of Eliminating Discriminative Control by Reinforcer Rate on Concurrent VI-Extinction Performance. MICHAEL DAVISON, Max Jones (University of Auckland - New Zealand)



### # 325

Paper Session  
12:00 PM - 12:50 PM  
Yerba Buena Ballroom  
(Salon 12)  
DDA

### Intervention in Learning and Attention Problems

Chair: Sandra Michele Cooley (Southern Mississippi University - Hattiesburg, MS)

- A Comparison of Academic Responding by Students with Severe Disabilities Enrolled in Inclusive Classrooms with Peers Without Disabilities. JOHN MCDONNELL, Nadine Thorson, Camille McQuivey, Richard Kiefer-O'Donnell (University of Utah - Salt Lake City, UT)
- From Discrete Trials to Inclusion: A Continuum of Interventions for Preschool Children with Autism. JOANNE FAIN (Nova Southeastern University - Ft. Lauderdale, FL)

### # 326

Special Event  
1:00 PM - 3:00 PM  
Yerba Buena Ballroom  
(Salon 9)

### Closing Event: Chapters in the Life of Fred S. Keller (1899 - 1996)

Memorial Symposium

Chairs: John Keller (Organization Consultants, Inc.), Jack Michael (Western Michigan University - Kalamazoo, MI)  
Early Days; Morse Code; Columbia; Brazil; PSI; Arizona State University; Western Michigan University and more.  
Speakers: John Keller (Organization Consultants, Inc.), Donald Cook (Cambridge Center for Behavioral Studies); James Dinsmoor (Indiana University); David Eckerman (University of North Carolina); R. Douglas Greer (Columbia University); Jack Michael (Western Michigan University) and others.

Room	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM
Golden Gate A	Exhibitor Booths Open						
Golden Gate B							
Golden Gate C							
Salon 1	# 287 Basic Science and Technology			# 312 Contingency Management			
Salon 2	# 286 Acquisition and Maintenance			# 311 Toward Integrating Stimulus			
Salon 3	# 285 Varieties of Instruction			# 310 Beh Anal of Soc Phenomena			
Salon 4	# 284 Improving Service Delivery						
Salon 5	# 283 Fostering Behavior Analysis						
Salon 6	# 282 Quality of Life			# 307 UCLA Autism Project			
Salon 7	# 280 Common and Critical Element			# 305 Magical/Mystical/Religious			
Salon 8	# 281 Early Intervention			# 306 Visually Inspected Data			
Salon 9							# 326 Fred S. Keller
Salon 10	# 288 Computer Modeling of Behav			# 313 Rule Governance			
Salon 11	# 289 When Self-Instruction is ...			# 314 Current Behavioral Research			
Salon 12	# 290 Assessment/Treatment		# 302 Attention Def		# 325 Intervention		
Salon 13	# 291 Select Topics in EAB		# 303 Studies Delay		# 324 Concurrent Schedule		
Salon 14	# 292A Teaching Verbal and Soc Inter			# 315 A Model for Coordinating			
Salon 15	# 292B Comp to teach Behav Analysis			# 316 Stimulus Equivalence			
Nob Hill A	# 293 Unresolved Issues Revisited			# 323 Epistemology / Methodology			
Nob Hill B	# 294 TBA - OBM Intern		# 304 Empirically Validated Educ				
Nob Hill C & D	# 295 Sales/Market				# 317 Strategies for Effective Educ		
Pacific Suite A	# 296 Acceptance Theory ...			# 318 Advance in Behavior Pediatric			
Pacific Suite B	# 297 Challenges for the Future			# 319 Innovations of Behavioral			
Pacific Suite H	# 298 Enhancing		# 301 Acceleration		# 320 EAB Issues		
Pacific Suite I	# 299 Variability and Resurgence			# 321 EAB of Nonhumans			
Pacific Suite J	# 300 Behavioral Methods ...			# 322 Keeping Families Together			

Closing Event  
**Chapters in the Life of**  
**Fred S. Keller**  
 (1899-1996)  
 Yerba Buena (Salon 9)  
 1:00 - 3:00 PM

# Personal Planner

ABA '96	Friday	Saturday	Sunday	Monday	Tuesday
8:00 am					
8:30am					
9:00 am					
9:30 am					
10:00 am					
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8:00 pm					
8:30 pm					
Evening					

# Call For Nominations For 1997 ABA Awards

ABA has established three awards to recognize important contributions to behavior analysis. These awards include:

## **Award for the Effective Presentation of Behavior Analysis in the Mass Media**

Awarded to an individual who writes or produces audio or video information which informs the public about a scientific discovery or important application in behavior analysis and, in doing so, presents an accurate analysis of the principles involved and the effects achieved. The following conditions apply: (1) A single story or production could merit this award, or the award can be presented to an individual who demonstrates a consistently accurate portrayal of behavior analysis through multiple presentations. (2) The information imparted must be for general public consumption and, therefore, cannot be published in a professional journal or newsletter or any other media intended solely for consumption by professionals in the field. (3) The awardee does not have to be a member of ABA.

## **Award for Distinguished Service to Behavior Analysis.**

This award is to be given to an individual who has demonstrated a sustained, valuable contribution to behavior analysis over a period of years in teaching, research, and/or practice. The awardee does not have to be a member of ABA.

## **Award for Excellence in Behavior Analysis in the Public Service.**

This award is given to an individual who works in the public or private sector who addresses socially significant problems using methods directly linked to behavior analysis or which effectively incorporate behavioral principles. This award may be given regardless of the

terminology employed or the explanation offered by the person responsible for the application. The awardee does not have to be a member of ABA.

## **International Award**

This award is issued to an individual who has made significant contributions to the international dissemination of the field of behavior analysis.

## **Nomination Procedure**

Make nominations by submitting the following information:

1. Name of nominee.
2. Affiliation and address of nominee.
3. Telephone number of nominee.
4. Award for which you are nominating the person.
5. A rationale for the nomination including a description of the accomplishments of the nominee and an explanation of how these accomplishments meet the criteria for the award selected.
6. The names of persons who could be contacted for more information on the accomplishments of the nominee.
7. Any other information which would help the awards committee in making a decision.

*Nominations are due June 15, 1996.*

## **Send nomination information to:**

Marilyn Bonem  
Psychology Department  
Eastern Michigan University  
537 M Jefferson  
Ypsilanti, MI 48197  
Phone Number: 313-487-0103

# Specialty Area Index

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## **CBM: Clinical; Family; Behavioral Medicine**

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## **DDA: Developmental Disabilities; Autism**

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## **PRM: Performance Management and Training**

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 Stirman, Amy: #154(149)  
 Stitzer, Maxine L.: #312  
 Storey, Keith: #42  
 Strain, Phillip S.: #187, #202  
 Street, Libby: #65, #198, #317  
  
 Strickland, Donna:  
   #152(103,104), #292A  
 Striefel, Sebastian "SEB": #195

Strouse, Michael C.: #178,  
   #282  
 Stublely-Weatherly, Leighann:  
   #54(117,130)  
 Sugai, George: #201  
 Sugar, Judith A.: #152(90)  
 Sugiyama, Naoko: #51(33)  
 Sullivan, John F.: #55(144)  
 Sulzer-Azaroff, Beth: #207,  
   #252B, #317  
 Sumpter, Catherine E.: #121A  
 Sundberg, Mark L.: #W2, #W5,  
   #66(C-3)  
 Suter, Alma H.: #276(158,160)  
 Sutton, Kelly A.: #146  
 Sutton, Markley: #48  
 Suzman, Katherine: #55(171)  
 Swain, Mark A.: #22,  
   #66(C-1), #87B, #183  
 Swanson, James M.: #276(166)  
 Swearingin, Wendy:  
   #55(137,147)  
 Sweeney, Victoria S.: #150(13)  
 Sweeney, William J.:  
   #275(142,143)  
 Swiezy, Naomi: #150(24,25)  
 Swindell, Samantha: #29,  
   #52(45,46)  
 Swingen, Diane N.: #46  
 Sylva, Jody: #53(107)  
 Sylva, Judith A.: #85, #151(55)

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Tachikawa, Julia: #154(170)  
 Tacquard, Tracy D.: #271(6)  
 Tam, Brian Kai Yung:  
   #273(58)  
 Tapia, Yolanda: #275(132)  
 Taras, Marie: #53(100)  
 Tatham, Thomas A.: #153(143)  
 Tatone, Jennifer: #55(144)  
 Taylor, Bridget A.: #120  
 Taylor, Colleen:  
   #55(137,147,149), #256  
 Taylor, Connie C.: #30  
 Taylor, Felicia: #151(68)  
 Taylor, Ian: #273(57)  
 Taylor, Jill: #234  
 Teicher, Martin H.: #53(100)

Temple, William: #121A,  
   #133, #272(33,34,35)  
 Tena, Olivia G.: #154(152,168)  
 Tenny, David: #109  
 Terrell, Dudley J.: #73  
 Terzich, Brenda J.: #150(17),  
   #292A, #315  
 Tesch, David: #150(37),  
   #274(87), #284  
 Test, David W.: #42  
 Theoret, Manon: #275(121)  
 Thibadeau, Susan F.:  
   #54(122,123,124),  
   #274(107,108), #282  
   Thinesen, Paul: #W30  
 Thomas, Amanda: #319  
 Thomas, Belinda: #53(87)  
 Thomas, Don R.: #118, #247  
 Thomas, Marietta: #51(1)  
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 Thompson, Campbell D.: #220  
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 Thompson, Rachel: #14,  
   #52(66), #53(78),  
   #55(151), #94, #150(6),  
   #257  
 Thompson, Ronald W.:  
   #55(146), #152(92)  
 Thomson, Richard J.: #221  
 Thomson, Ron: #273(68)  
 Thorp, Steven R.: #46  
 Thorson, Nadine: #325  
 Thurkow, Tracy A.: #17, #124  
 Tillett, Matt: #87A  
 Tilton, Carol: #53(114),  
   #273(69,70)  
 Tilton, Patricia: #150(13)  
 Timberlake, William: #19  
 Timko, Tamara C.: #51(23),  
   #275(122)  
 Toarmino, Dosheen: #225  
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 Todd, Darlene E.:  
   #153(145,146,147), #262,  
   #324  
 Todd, James T.: #52(54), #239,  
   #272(12,13)  
 Todd-Nelson, Barbara: #51(8)  
 Tomanari, Gerson Yukio:  
   #52(38)  
 Tompkins, Brendan: #W8

Tonon, Kristen: #55(144)  
 Toole, Lisa: #273(46)  
 Torigoe, Takako: #275(117)  
 Toro, Haydee: #93, #113  
 Toro-Zambrana, Wanda:  
   #274(104,105)  
 Torres, Carlos: #153(125)  
 Totan, Simone: #272(36)  
 Touchette, Paul E.: #48, #243  
 Tranquilli, David V.: #53(85)  
 Treadwell, Kimberli R.:  
   #150(38), #212  
 Truesdell-Todd, Gina E.:  
   #272(12)  
 Tschopp, Marsha: #263  
 Tucci, Vicci: #33  
 Tucker, Cindy L.:  
   #276(158,159)  
 Tulbert, Beth: #151(81)  
 Tune, Larry: #276(156)  
 Tuntigian, Lisa: #275(135)  
 Turner, Jenny M.: #237  
 Turnquist, Heth R.: #54(121)  
 Tusel, Donald J.: #312  
 Twyman, Janet S.: #189, #229

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Ulman, Jerome: #151(81)  
 Ulrich, Sonya: #273(47)  
 Umbreit, John: #151(80)  
 Ursin, Espen: #53(111)  
 Uzunoz, Ali: #55(144),  
   #276(165)

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Vacha, Edward F.: #54(136)  
 Vadimsky, Mary: #180  
 Vaidya, Manish: #20,  
   #272(23), #320  
 Van Bockern, Lori: #54(121)  
 Van De Loo, Kathleen: #304  
 van Haaren, Frans: #54(125)  
 Van Houten, Ron: #W3, #156  
 Vander Tuig, J. F.: #52(42)  
 Vanlaarhoven, Toni:  
   #151(57,58,59)  
 Varela, Julio: #151(75)  
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 Vargas, Andres U.: #78  
 Vargas, Julie: #272(42)

Vargas, Perla A.: #55(163)  
 Varnell, Dick: #185  
 Vasconcelos, Laercia A.:  
   #272(18)  
 Vazquez, Fernando: #66(B-2)  
 Vega, Andy: #152(103)  
 Vegas, Rocio: #226  
 Vincent, James: #51(30),  
   #272(27)  
 Vinci, George L.: #268  
 Vittimberga, Glenda L.: #143,  
   #274(94)  
 Vogeltanz, Nancy D.: #24  
 Vollmer, Timothy R.: #14,  
   #53(97,110), #120, #228A,  
   #257  
 Votaw, John: #276(156)  
 Vuchinich, Rudy E.: #153(119)  
 Vunovich, Pamela L.:  
   #151(63,67), #181B,  
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Wacker, David P.: #14, #31,  
   #53(92),  
   #55(138,150,173,174),  
   #56, #120, #150(2,5),  
   #196, #217, #228A, #259,  
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 Waggoner, Paul: #41,  
   #153(115)  
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 Wales, Dana: #150(33,38),  
   #276(169)  
 Walker, Dale: #47, #147,  
   #271(5)  
 Walker, Diana J.: #55(170),  
   #153(142)  
 Walker, Jacqui: #272(35)  
 Wallace, Michele: #273(46,49)  
 Wallander, Robert J.: #30  
 Walser, Robyn D.: #55(140),  
   #115, #296  
 Walsh, Beth: #53(108)  
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 Walton, Catherine R.: #55(165)  
 Wanchisen, Barbara A.: #117,  
   #153(143), #258  
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 Warren, Tamara: #292A  
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   #112  
 Watkins, Cathy L.: #317  
 Watson, John S.: #177, #235  
 Watson, Nathan T.: #153(136)  
 Watson, Scott A.: #152(105)  
 Weatherly, Jeffrey N.: #29,  
   #52(45,46,62), #54(130),  
   #276(147)  
 Weatherup, Laura W.:  
   #274(107,108)  
 Weber, Kimberly P.: #129A  
 Wehby, Joseph: #16  
 Weigle, Karen L.: #143  
 Weiner, Jan: #283  
 Weiner, Stacy: #55(164)  
 Weiner, Tamra: #234  
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   #150(27)  
 Weiss, Shane: #90  
 Weissman, Richard D.:  
   #54(134), #136  
 Welton, Johnny: #315  
 Werk, Steve: #221  
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   #150(40), #196, #274(95),  
   #275(125)  
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   #53(104)  
 Wickstrom, Katherine F.:  
   #51(29)  
 Wiegmann, Douglas: #198  
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 Wilcox, Joe: #152(101)  
 Wilder, David A.: #22,  
   #154(151)  
 Wilhelm, Margaret J.:  
   #54(126)  
 Wilk, Leslie A.: #25, #135

Wilke, Arthur: #55(154),  
     #150(7)  
 Williams, April M.: #286  
 Williams, Ben A.: #153(129)  
 Williams, Betty Fry: #109,  
     #239  
 Williams, Dean C.: #165  
 Williams, Don E.: #53(95),  
     #152(110), #257,  
     #274(89,90,100)  
 Williams, Gladys: #52(60),  
     #53(82), #75, #154(155),  
     #292A  
 Williams, Jack: #W17  
 Williams, Keith E.: #319  
 Williams, Marc: #41,  
     #153(115)  
 Williams, Randy Lee: #51(12),  
     #245  
 Williams, Rosanne: #125  
 Williams, Susan: #276(152)  
 Williams, W. Larry: #22,  
     #53(109), #152(88,93),  
     #183, #261  
 Williams, Wendy A.: #272(16)  
 Williamson, Sheila M.:  
     #150(3), #273(73),  
     #274(113)  
 Willie, Deanne: #151(78)  
 Willis, Chris: #304  
 Willis, Kimberly D.: #191  
 Wilson, Kelly G.: #55(140),  
     #183, #215, #296  
 Winborn, Lisa C.: #55(150),  
     #150(2,5)  
 Winger, Gail: #19  
 Winnette, Miles: #53(80)  
 Wirth, Oliver: #99

Wixted, John T.: #52(65),  
     #133, #153(123), #258  
 Wolcott, Gary F.: #297  
 Wolf-Strouse, Nikki: #282  
 Wolfe, Penny L.: #55(169),  
     #275(120)  
 Wong, Conrad J.: #312  
 Wong, Stephen E.: #262  
 Wood, Candace: #275(138)  
 Wood, W. Scott: #12A,  
     #151(82), #215, #304  
 Woods, Douglas W.: #30,  
     #55(139), #293  
 Woods, Paul: #53(100)  
 Woodward, Stephanie:  
     #53(108)  
 Worsdell, April S.: #228A,  
     #273(46,48,50,55)  
 Wright, John W.: #54(117,130)  
 Wright, Scott: #281  
 Wu, Jianhong: #55(162)  
 Wulfert, Edelgard: #110, #116,  
     #230  
 Wyatt, W. Joseph: #66(C-6),  
     #88, #155  
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     #307

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Yamamoto, Jun' Ichi: #53(94)  
 Yamamoto, Kana: #151(72)  
 Yang, Jin-Jin: #275(123)  
 Yeager, Cyndi: #31, #51(31)  
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Yen, Sherman: #44, #145  
 Yerushalmi, Cydney: #322  
 Yi, Janet: #307  
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 Young, K. Richard: #290  
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Zabaldo, Deana: #122B, #321  
 Zacny, James P.: #54(118)  
 Zagnani, Denis Roberto:  
     #55(167), #276(176)  
 Zane, Thomas: #189  
 Zanolli, Kathleen: #241,  
     #271(8,9)  
 Zarcone, Jennifer R.: #31,  
     #143, #150(4,26)  
 Zelski, Christopher A.: #W24,  
     #53(104)  
 Zencius, Arnie: #216  
 Zettle, Robert L.: #313  
 Zhang, Bingju Lucy:  
     #152(103,104), #292A  
 Zhang, Ming: #154(157)  
 Zhao, Jinsheng: #86  
 Zhuang, Roger: #95  
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 Zinn, Marcie: #55(169),  
     #66(C-4)  
 Zivkovic, Jasmina: #233B  
 Zlutnick, Steven: #W1  
 Zucker, Sherri: #55(141)  
 Zukotynski, George: #32  
 Zukow-Goldring, Patricia:  
     #285  
 Zwicker, Thomas J.: #198



# ABA Membership

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ABA has seven categories of membership. A description, the benefits, and the requirements of each category follow:

## **Sustaining and Supporting Members**

Sustaining and Supporting Members are eligible to vote on ABA business matters and to participate in the Nominations and Election of Officers. Through their contributions, Sustaining and Supporting Members help support the involvement of undergraduate and graduate students in behavior analysis science and practice. Benefits: Citation in *The ABA Newsletter* and the Annual Convention Program Book, subscriptions to *The ABA Newsletter*, *The Behavior Analyst*, and special convention registration fees. Requirement: Same as Full Members (see below).

## **Full Members**

Full Members are eligible to vote on ABA business matters and to participate in the Nomination and Election of Officers. Full Member dues help support the involvement of undergraduate and graduate students in behavior analysis science and practice. Benefits: Subscriptions to *The ABA Newsletter* and *The Behavior Analyst*, and special convention registration fees. Requirement: The minimum of a Master's degree in the Applied or Experimental Analysis of Behavior or contributions to the field of behavior analysis; send vita and course records when requesting this status for the first time.

## **Affiliate Members**

Affiliate status is designed for persons who have an interest in behavior analysis or have completed undergraduate credit, but do not meet the Full Member requirement. Affiliate Member dues help support the involvement of undergraduate and graduate students in behavior analysis science and practice. Benefits: Subscriptions to *The ABA Newsletter* and *The Behavior Analyst*, and reduced convention registration fees. Requirement: Send letter of recommendation from a voting member of ABA.

## **Emeritus Members**

Emeritus Status is designed for persons who are past the age of 65 or who are retired. Benefits: Subscriptions to *The ABA Newsletter* and *The Behavior Analyst*, and reduced convention registration fees. Requirement: Send verification of retirement or age when requesting this status for the first time.

## **Chapter/Adjunct Members**

Chapter/Adjunct Members are members of an ABA-Affiliated National, Regional, State, or Local Chapter. Benefits: Subscription to *The ABA Newsletter* and special membership dues and convention registration fees. Requirement: A letter from the Chapter confirming Chapter membership must be sent annually.

## **Student Members**

Student Members are full-time undergraduate or graduate students, residents, or interns. Benefits: Subscriptions to *The ABA Newsletter* and *The Behavior Analyst* and reduced membership dues and convention registration fees. Requirement: You must send verification of full-time student, intern, or resident status.

## **How to Become an ABA Member**

In order to become a voting member (Full, Sustaining, Supporting, or Emeritus), you must include a vita and have earned a Master's degree in psychology or a related discipline. In addition, please include evidence of one of the following: (1) one year's supervised laboratory research, and your graduate project, thesis, or dissertation was an experimental analysis of behavior investigation, (2) one year's supervised practicum experience in the applied analysis of behavior, and your graduate project, thesis or dissertation was an applied analysis of behavior investigation, (3) two or more years supervised experience in the experimental or applied analysis of behavior, or (4) significant contributions to knowledge in behavior analysis evidenced by research publications, presentations at professional conventions, or by other comparable means.

# ABA '96 Membership Form

## Association for Behavior Analysis

Mail form and payment to:  
213 West Hall, Western Michigan University, Kalamazoo, MI 49008-5052.  
Telephone: 616-387-8341. FAX: 616-387-8354

### Personal Information

NAME (Last name, first name, middle name)

*Fill out the following information ONLY if changed:*

PREFERRED MAILING ADDRESS:

CITY, STATE, COUNTRY, POSTAL ZIP CODE

WORK TELEPHONE # (please include area and/or country codes)

HOME TELEPHONE # (please include area and/or country codes)

FAX # (please include area and/or country codes)

E-MAIL: System (e.g. Bitnet): ID#:

### Method of Payment<sup>†</sup>

Make checks payable, in US dollars, through a US bank, to ABA or charge to your

☐ American Express ☐ MasterCard ☐ Visa

If paying by credit card, please fill in the following:

Name as it appears on you card:

Card Number:

Expiration Date:

Signature:

### Membership Renewal Dues

If you have been a member of ABA previously, check one of the following:

Category	One Year	Three Years
Sustaining	<input type="checkbox"/> \$220.00	<input type="checkbox"/> \$620.00
Supporting	<input type="checkbox"/> \$120.00	<input type="checkbox"/> \$320.00
Full	<input type="checkbox"/> \$90.00	<input type="checkbox"/> \$210.00
Affiliate	<input type="checkbox"/> \$90.00	<input type="checkbox"/> \$210.00
Emeritus	<input type="checkbox"/> \$35.00	<input type="checkbox"/> \$75.00
Student	<input type="checkbox"/> \$35.00	
Chapter-Adjunct	<input type="checkbox"/> \$30.00	<input type="checkbox"/> \$60.00
Student Transition*	<input type="checkbox"/> \$50.00	<input type="checkbox"/> \$170.00

\*If you were a student last year and have received a graduate degree, you may apply for Full-member status at the special transition rate. Send vita and an official transcript or letter from your advisor with form. You may take advantage of the special rate only once.

### New Member Application Dues

If you are joining ABA for the first time, check one of the following:

Category	One Year	Three Years
Sustaining (Send Vita)	<input type="checkbox"/> \$105.00	<input type="checkbox"/> \$505.00
Supporting (Send Vita)	<input type="checkbox"/> \$65.00	<input type="checkbox"/> \$265.00
Full (Send Vita)	<input type="checkbox"/> \$50.00	<input type="checkbox"/> \$170.00
Affiliate	<input type="checkbox"/> \$50.00	<input type="checkbox"/> \$170.00
Emeritus	<input type="checkbox"/> \$24.00	<input type="checkbox"/> \$64.00
Student	<input type="checkbox"/> \$24.00	
Chapter-Adjunct	<input type="checkbox"/> \$18.00	<input type="checkbox"/> \$48.00

### Verification of Student Status

This is to certify that \_\_\_\_\_  
is a full-time ☐student, ☐intern, ☐resident in  
the Department of \_\_\_\_\_  
at \_\_\_\_\_.

Faculty Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

<sup>†</sup>Payment of Dues is subject to current federal, state, and local tax regulations. To determine the tax exemption status of your payment, seek individual consultation in your locality, or contact your local office of federal, state, or local tax information.

## PERMANENT MAILING ADDRESS

If your mail is returned as "non-returnable" to the address listed on the front of this form, ABA will send you mail to the following address:

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### Degree Held

List most recent degree received:

Year Received:

---

Degree Received:

---

Conferring Institution:

### Position Title

Please check the one box that most closely describes your job title:

- ☐ 01 Administrator
- ☐ 02 Student
- ☐ 03 Consultant / Staff Trainer
- ☐ 04 Professor / Academic
- ☐ 05 Psychologist / Therapist
- ☐ 06 Researcher
- ☐ 07 Social Worker
- ☐ 08 Speech / Language Pathologist
- ☐ 09 School Teacher
- ☐ 00 Other:

### Primary Activity

Please check the one box that most closely describes how you spend the majority of your time at work:

- ☐ 01 Administration
- ☐ 02 Clinical
- ☐ 03 Consulting / Staff Training
- ☐ 04 Research
- ☐ 05 Student
- ☐ 06 Teaching
- ☐ 07 Retired
- ☐ 00 Other:

### Primary Discipline

Please check the one box that most closely describes your field of study:

- ☐ 01 Behavior Analysis
- ☐ 02 Behaviorology
- ☐ 03 Communication Disorders
- ☐ 04 Education
- ☐ 05 Medicine
- ☐ 06 Organizational Management
- ☐ 07 Pharmacology
- ☐ 08 Psychology
- ☐ 09 Social Work
- ☐ 00 Other:

**Please place a check in the box next to the ABA-affiliated chapter(s) of which you are a member:**

- ☐ Alabama ABA
- ☐ Association Scientifique pour la Modification du Comportement, Canada
- ☐ Australian Behavior Modification Association
- ☐ Behavior Analysis Association of Michigan
- ☐ Behavior Analysis Society of Illinois
- ☐ Behaviour Analysis in Ireland
- ☐ Belgium Association for the Study of Behavior Modification & Therapy
- ☐ Berkshire Association for Behavior Analysis and Therapy
- ☐ Chicago ABA
- ☐ Colombia, South America
- ☐ Delaware Valley ABA
- ☐ Experimental Analysis of Behaviour, Wales
- ☐ Florida ABA
- ☐ German Society for Behavioral Medicine and Behavior Modification
- ☐ Italian Association for the Analysis and Modification of Behavior
- ☐ Japanese ABA
- ☐ Asociacion Latinoamericana de Analisis y Modificacion del Comportamiento
- ☐ Midwestern Association of Behavior Analysis & Therapy
- ☐ Mississippi Association for Behavior Analysis
- ☐ New England Society of Behavior Analysis & Therapy
- ☐ New York State ABA
- ☐ North Carolina ABA
- ☐ Northern California ABA
- ☐ Northwestern ABA

- ☐ Norsk Atferdsanalytisk Forening (Norwegian ABA)
- ☐ Ontario ABA
- ☐ Sociedad Mexicana de Analisis de la Conducta
- ☐ Sociedad Peruana de Analisis y Modificacion del comportamiento (Peru)
- ☐ Sociedad Uruguaya de Analisis y Terapia de Comportamiento (Uruguay)
- ☐ Southeastern ABA
- ☐ Southern California ABA
- ☐ Texas ABA
- ☐ TriState ABA

**Write "M" (if you are a member) or "I" (if you would like to receive information) on the line next to the ABA Special Interest Groups below.**

- \_\_\_ Animal Trainer's Forum
- \_\_\_ Autism
- \_\_\_ Behavior Analysis & Cultural Design
- \_\_\_ BALANCE
- \_\_\_ Behavior Analysis in Corrections
- \_\_\_ Behavior Analysis in Education
- \_\_\_ Behavioral Gerontology
- \_\_\_ Behaviorists for Social Action
- \_\_\_ Clinical Behavior Analysis
- \_\_\_ Computer Users
- \_\_\_ Development & Behavior Analysis
- \_\_\_ Direct Instruction
- \_\_\_ Experimental Analysis of Human Behavior
- \_\_\_ Experimental Analysis of Nonhuman Behavior
- \_\_\_ Interbehaviorists in ABA
- \_\_\_ JABA Users Group
- \_\_\_ Legal and Ethical Issues
- \_\_\_ Organizational Behavior Management Network
- \_\_\_ Rehabilitation & Independent Living
- \_\_\_ Society for the Quantitative Analysis of Behavior
- \_\_\_ Standard Celeration Charters
- \_\_\_ Teaching Behavior Analysis
- \_\_\_ Verbal Behavior

# ABA '96 Convention Registration Form

## Association for Behavior Analysis

Mail form and payment to:

213 West Hall, Western Michigan University, Kalamazoo, MI 49008-5052

Telephone: 616-387-8341. FAX: 616-387-8354

### Personal Information

NAME (Last name, first name, middle name)

*Fill out the following information ONLY if changed:*

PREFERRED MAILING ADDRESS

CITY, STATE, COUNTRY, POSTAL ZIP CODE

WORK TELEPHONE #

HOME TELEPHONE #

FAX #

E-MAIL:

### Convention Name Badge

Print your name and affiliation as you would like them to be typed on your badge

### Method of Payment

Make checks payable, in US dollars, through a US bank, to ABA or charge to your

☐ American Express ☐ MasterCard ☐ Visa

If paying by credit card, please fill in the following:

Name as it appears on your card:

Card Number:

Expiration Date:

Signature:

### For office use only

Membership Status:

Check:

Cash:

Credit Card:

Date Received:

### Convention Registration

A Discount is available for early payment of all registration fees. If your registration is postmarked before April 1, 1996, send the amount listed in the "Before" column. You may register for the entire convention or for just one day. *Please Note: Discounts that are not taken will be considered donations to ABA unless a written request is submitted.*

#### Registration for the Entire Convention

(Friday 5/24-Tuesday 5/28). Choose your membership category from the list below:

Category	Before 4/1	After 4/1
Sustaining, Supporting		
Full, Affiliate	<input type="checkbox"/> \$79.00	<input type="checkbox"/> \$99.00
Emeritus and Student	<input type="checkbox"/> \$35.00	<input type="checkbox"/> \$45.00
Chapter-Adjunct	<input type="checkbox"/> \$105.00	<input type="checkbox"/> \$125.00
Non-member	<input type="checkbox"/> \$205.00	<input type="checkbox"/> \$225.00

#### One-Day Registration. Check day(s) attending:

☐ Saturday 5/25  
☐ Monday 5/27

☐ Sunday 5/26  
☐ Tuesday 5/28

Category	Before 4/1	After 4/1
Sustaining, Supporting		
Full, Affiliate	<input type="checkbox"/> \$35.00	<input type="checkbox"/> \$45.00
Emeritus and Student	<input type="checkbox"/> \$35.00	<input type="checkbox"/> \$45.00
Chapter-Adjunct	<input type="checkbox"/> \$50.00	<input type="checkbox"/> \$60.00
Non-member	<input type="checkbox"/> \$70.00	<input type="checkbox"/> \$80.00

Choose your membership category from the list below and fill in the appropriate amount (daily fee x # of days). \$

### Special Events & Materials

Sweatshirts with San Francisco Logo	
Adult Sizes: L XL XXL / \$25 ea.	\$
Short-sleeved T's with San Francisco Logo	
Adult Sizes: L XL XXL / \$15 ea.	\$
Youth Sizes: S M L / \$10 ea.	\$
ABA '96 Mug with San Francisco Logo / \$5 ea.	\$
ABA '96 Poster with San Francisco Logo / \$5 ea.	\$
Donation to Support Student Presenter	\$
Registrations for ABA '96 Convention	\$
Placement Service	
• Applicants: \$20 (before 4/1) \$25 (after 4/1)	\$
• Employers: \$35/position (before 4/1) \$45/position (after 4/1)	\$
Workshop Total	\$

### Total Registration Payment Enclosed

Total of all items above (US funds only): \$

# ABA '96 Workshop Registration Form

## Association for Behavior Analysis

### Preconvention Workshops, May 24 & 25, 1996

Select workshops from the list below (fees listed include materials fees); enter the total fee at the bottom of this page and on the reverse side of this form under "Workshop Fee Total." Please note dates and times; DO NOT SELECT overlapping workshops. Workshop fees and convention registration may be paid with one check or credit card entry (see reverse side). Receipts and registration materials can be picked up at the registration desk at the convention. You will not receive a receipt by mail. All workshops are subject to cancellation because of insufficient enrollment.

#### Friday, May 24

- #1. 10:00 AM - 1:00 PM: Behavioral Psychotherapy: A Radical Approach, ZLUTNICK, \$50 members, \$65 others.
- #2. 10:00 AM - 1:00 PM: An Introduction to B. F. Skinner's Analysis of Verbal Behavior, SUNDBERG, \$70 members, \$85 others.
- #3. 10:00 AM - 1:00 PM: The Interpersonal Treatment Model: Analysis and Treatment ..., ROLIDER, Van Houten and Eldar, \$50 members, \$65 others.
- #4. 1:30 PM - 4:30 PM: Environmental Design for Effective Intervention with Toddlers with Autism, DALY, Hawkins and Thomas, \$50 members, \$65 others.
- #5. 1:30 PM - 4:30 PM: Teaching Language to Autistic and Developmentally Disabled Children, SUNDBERG and Partington, \$75 members, \$90 others.
- #6. 1:30 PM - 4:30 PM: Reading Recovery in New Zealand, LE GRICE, \$80 members, \$95 others.
- #7. 1:30 PM - 4:30 PM: A Practical Approach to Determining Function of Behavior in Educational ..., DETRICH and BARTLEBAUGH, \$75 members, \$90 others.
- #8. 1:30 PM - 4:30 PM: Create a WEB Page, BURKETT and Tompkins, \$55 members, \$70 others.
- #9. 1:30 PM - 4:30 PM: The "Other" Type of Conditioning: Behavior Analysis and Personal Fitness Training, NEWMAN and Reeve, \$60 members, \$75 others.
- #10. 2:00 PM - 8:00 PM: Introduction to Standard Celeration Charting, LINDSLEY, Boone, Haughton, Kevo and Maloney, \$130 members, \$145 others.
- #11. 2:00 PM - 8:00 PM: Techniques of Conceptual Analysis, HARZEM, \$110 members, \$125 others.
- #12. 2:00 PM - 8:00 PM: Conducting Fluency Research: Topics, Tools, and Designs, BINDER, Johnson, Kunkelmann and Lindsley, \$115 members, \$130 others.
- #13. 2:00 PM - 8:00 PM: A Dozen Common Teaching Mistakes and What To Do Instead, HEWARD, Barbetta and Grossi, \$115 members, \$130 others.
- #14. 2:00 PM - 8:00 PM: New Developments in Instructional Design, BRUCE and Eshleman, \$105 members, \$120 others.
- #15. 2:00 PM - 8:00 PM: The C-BAD System: Assessing, Diagnosing and Prescribing Behavioral Intervention, CIPANI, \$131 members, \$146 others.
- #16. 2:00 PM - 8:00 PM: Rule-Governed Behavior, Self-Management, and Performance Management, MALOTT, \$105 members, \$120 others.
- #17. 5:00 PM - 8:00 PM: Radical Behaviorism and the Counseling Process: Constructional Bones, Solution-Focused Flesh, WILLIAMS, \$53 members, \$68 others.

- #18. 5:00 PM - 8:00 PM: Treatment of Habit Disorders with a Simplified Habit Reversal Procedure, MILTENBERGER and Wagaman, \$50 members, \$65 others.
- #19. 5:00 PM - 8:00 PM: Current Data Collection and Analysis Technologies For the Behavioral Psychologist, SHARPE, \$125 members, \$140 others.
- #20. 5:00 PM - 8:00 PM: Motivating Human Service Staff: Supervisory Strategies For Maximizing Work Effort ..., REID and PARSONS, \$50 members, \$65 others.
- #21. 5:00 PM - 8:00 PM: Statistical Analysis of Applied Behavioral Data: Why, When, and How, CROSBIE, \$65 members, \$80 others.

#### Saturday, May 25

- #22. 9:00 AM - 12:00 PM: The Picture Exchange Communication System for Children and Adults, FROST and Bondy, \$60 members, \$75 others.
- #23. 9:00 AM - 12:00 PM: How to Develop, Produce, and Use SAFMEDS, GRAF, \$70 members, \$85 others.
- #24. 9:00 AM - 12:00 PM: Incidental Teaching of Social and Academic Skills in ..., McGEE, Hynes, Parsons, Whitney, Zelski and Hawkins, \$55 members, \$70 others.
- #25. 9:00 AM - 12:00 PM: No Nonsense Guide to Group Home Management, O'BRIEN, Pommier, Duan and Martinez-Diaz, \$60 members, \$75 others.
- #26. 9:00 AM - 12:00 PM: Resolving Disputes With Mediation Skills, HUGHES, \$60 members, \$75 others.
- #27. 9:00 AM - 12:00 PM: Nonlinear Simulations and Neural Networks, COMMONS, \$50 members, \$65 others.
- #28. 9:00 AM - 12:00 PM: Promoting Student Writing Skills Through Collaborative Group Assignments: ..., CARTER and Laitinen, \$55 members, \$70 others.
- #29. 9:00 AM - 12:00 PM: Basics of Establishing a Pet Therapy Practice, LATTAL, \$65 members, \$80 others.
- #30. 9:00 AM - 12:00 PM: Behavioral Consultation in Developmental Disabilities: Effective Applications in ..., LARSSON and Thinesen, \$55 members, \$70 others.

**Enter Workshop Numbers and fees. Total all fees. Enter total due below and on reverse side of this form**

Workshop #	\$
Workshop #	\$
Workshop #	\$
California CE Credits - \$15/Workshop	\$
<b>After April 1, 1996, add \$20/workshop.</b>	\$
<b>Total for Workshops</b>	\$

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Mail form and payment to:

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Telephone: 616-387-8341. FAX: 616-387-8354

Prices include shipping and handling

Publications	Unit Cost		Quantity	Total Cost
	Domestic	Foreign		
<b>ABA General Publications</b>				
ABA Newsletter (nonmember or institution) .....	\$40.00	\$40.00	x _____ = \$ _____	
ABA Membership Directory (1995) .....	\$16.00	\$21.00	x _____ = \$ _____	
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Recommendations of the Task Force on Regulatory Issues .....	\$4.00	\$5.00	x _____ = \$ _____	
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Analysis of Verbal Behavior: (Volume 13) .....	Institution \$52.00	\$58.00		
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	Student \$15.00	\$23.00	x _____ = \$ _____	
The Behavior Analyst: (nonmember only) .....	Institution \$85.00	\$95.00		
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<b>Keller, Fred S.</b>				
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<b>Keller, Fred S. &amp; Schoenfeld, William N.</b>				
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<b>Skinner, B. F.</b>				
The Behavior of Organisms .....	\$25.00	\$30.00	x _____ = \$ _____	
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<b>Other</b>				
Designs for Excellence in Education: The Legacy of B. F. Skinner .	\$34.95	\$39.95	x _____ = \$ _____	
National Public Radio: Interview with B. F. Skinner (audio) .....	\$4.00	\$6.00	x _____ = \$ _____	
<b>SUBTOTAL .....</b>				<b>\$ _____</b>
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# The Analysis of Verbal Behavior

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**ASSOCIATION FOR BEHAVIOR ANALYSIS**

Meeting Dates:

**MAY 24-28, 1996**

Guest Name \_\_\_\_\_

Firm \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Daytime phone \_\_\_\_\_

FAX # \_\_\_\_\_

Arrival Date \_\_\_\_\_

Time \_\_\_\_\_

Departure Date: \_\_\_\_\_

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(only send one reservation request per room)

Group Rates (please check)

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<b>\$ 118.00</b>	<b>PER NIGHT</b>
<b>\$ 118.00</b>	<b>PER NIGHT</b>
<b>\$ 118.00</b>	<b>PER NIGHT</b>
<b>\$ 118.00</b>	<b>PER NIGHT</b>

Requested room type: ☐ one king bed

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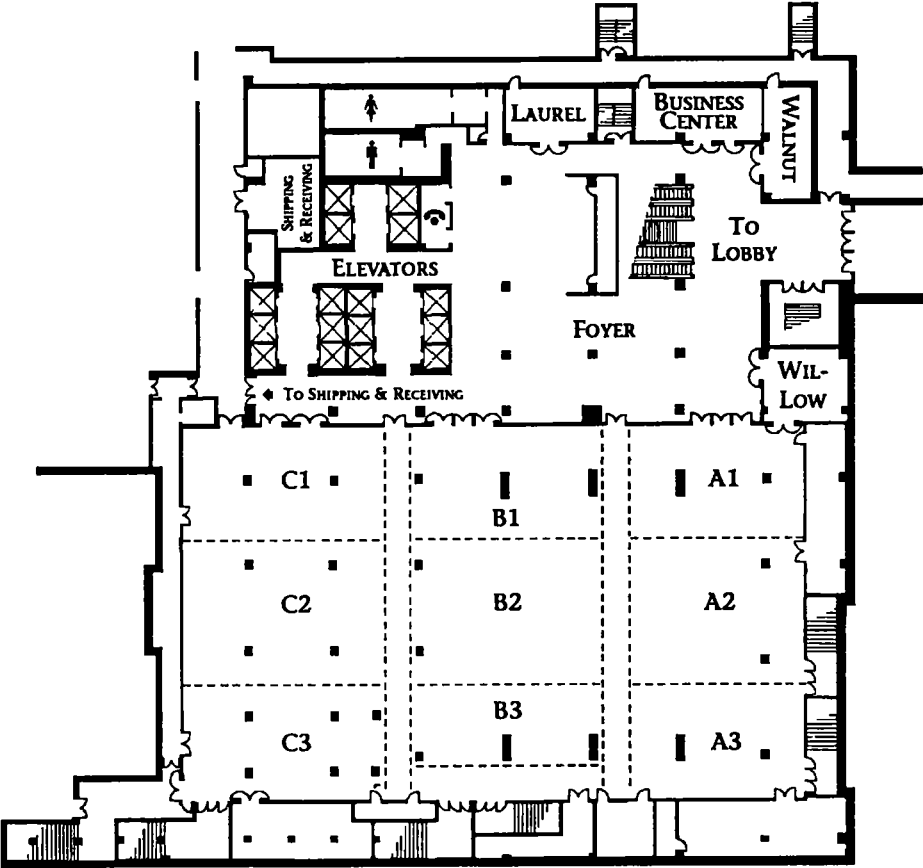
Executive rooms and suites are available.

Call Reservations for details!

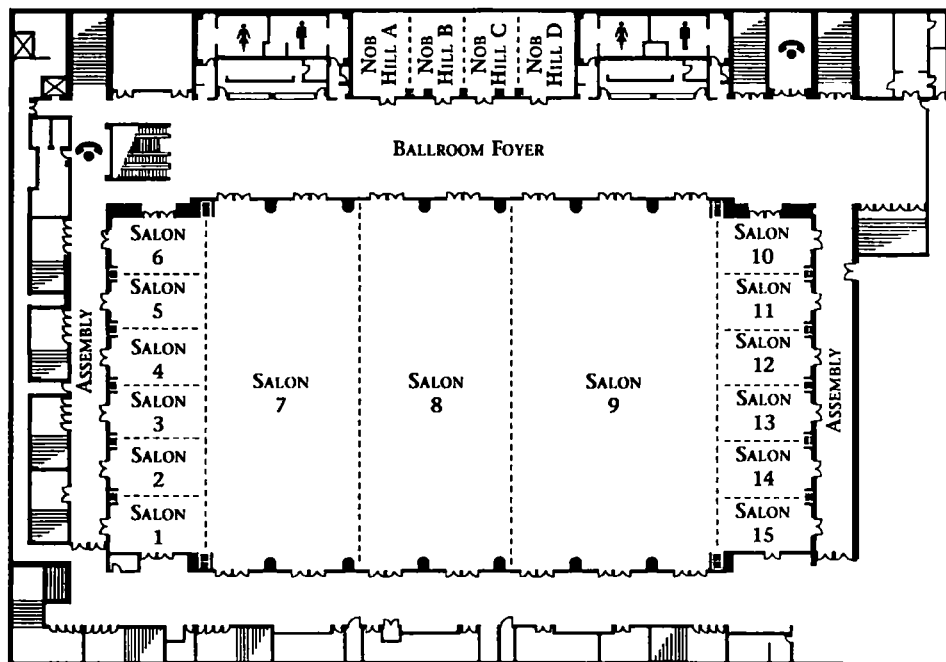
**Help us help you!** To expedite your check-in please let us know: • bed type preference • time of arrival • credit card to be used for payment.



# Golden Gate Hall

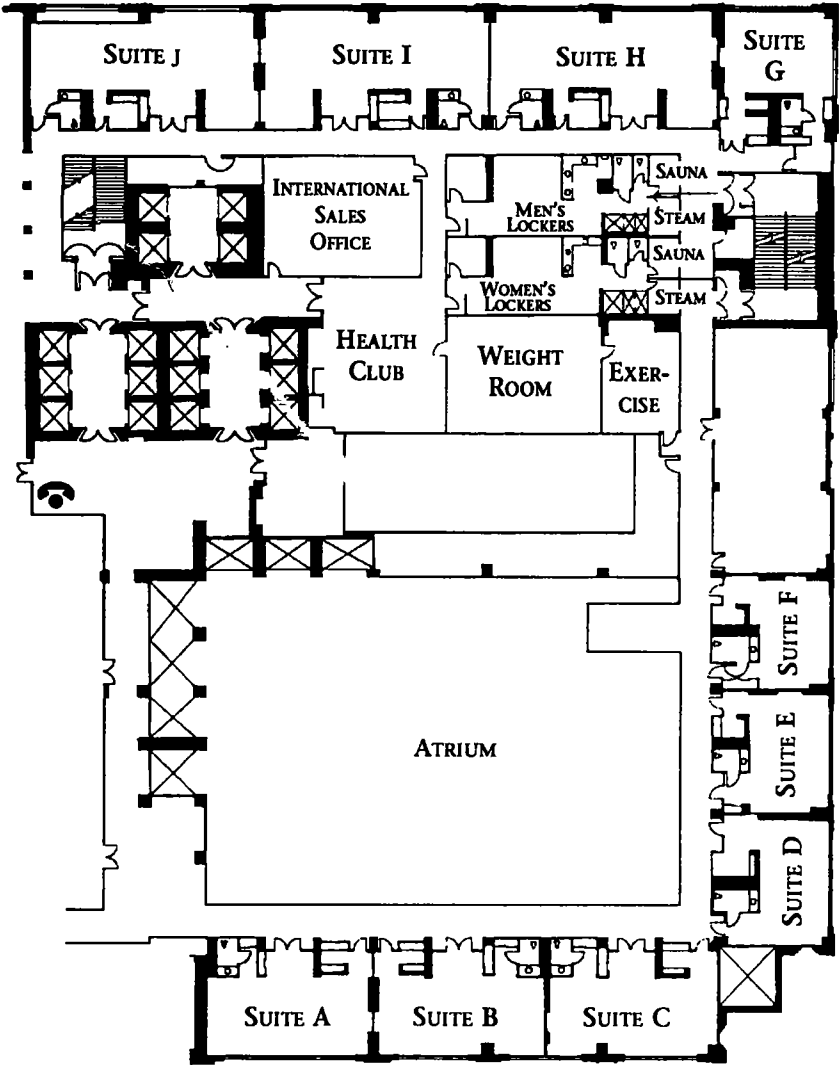


# Yerba Buena Ballroom



# Pacific Conference Suites

## 4th Floor

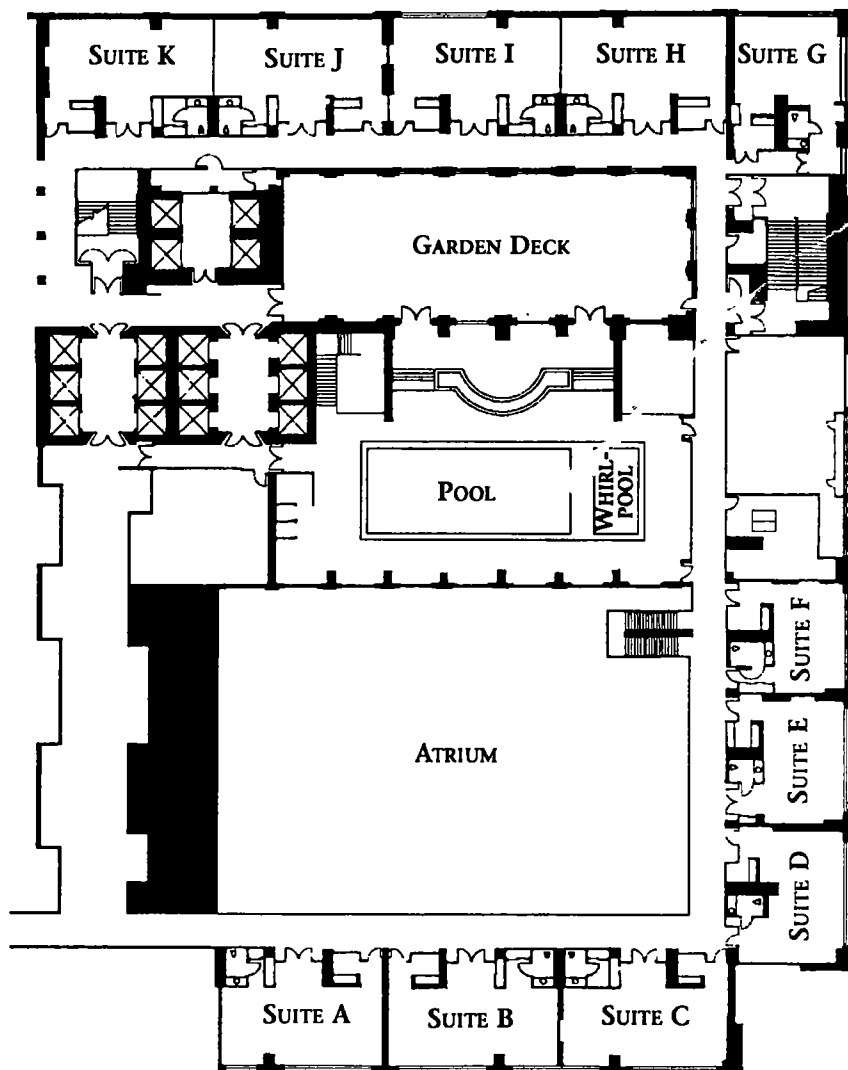


Mission Street

Fourth Street

# Sierra Conference Suites

*5th Floor*



# Sustaining and Supporting Members

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*Through their contributions, Sustaining and Supporting members help support the involvement of undergraduate and graduate students in behavior analysis, ABA's involvement in the Human Capital Initiative and the Accreditation Council for Persons with Disabilities. The following ABA members provided this support during the 1996 membership year.*

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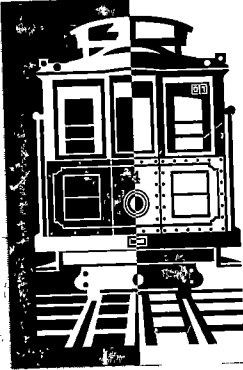
## **Supporting Members**

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