ABA

ASSOCIATION FOR BEHAVIOR ANALYSIS

FOURTEENTH ANNUAL CONVENTION

Wyndham Franklin Plaza, Philadelphia, Pennsylvania

May 27-30, 1988

Eleventh Annual Pre-Convention Institute

May 26-27, 1988

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Association for Behavior Analysis
Philadelphia -- May 26-30, 1988

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ABA

Association for Behavior Analysis: An International Organization

FOURTEENTH ANNUAL CONVENTION
May 27-30, 1988

ELEVENTH ANNUAL PRE-CONVENTION INSTITUTE
May 26-27, 1988

Wyndham Franklin Plaza Hotel
Philadelphia, Pennsylvania

The Association for Behavior Analysis is an interdisciplinary group of professionals, paraprofessionals and students interested in the experimental, theoretical and applied analysis of behavior. Founded in 1974, the Midwestern Association of Behavior Analysis was organized to establish a separate identity for the behavior analysis group of the larger psychological community. In 1978, MABA became the Association for Behavior Analysis. A major purpose of the Association has been to provide a forum for the discussion of issues and the dissemination of information pertinent to the interests of the membership by means of an annual convention.

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SPECIAL INTEREST GROUPS

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Deborah Shanley
Nan McCorkle

BEHAVIORAL GERONTOLOGY
Kathryn L. Burgio

BEHAVIORISTS FOR SOCIAL ACTION
Jerome D. Ulman

CLINICAL BEHAVIOR ANALYSIS
K. Anthony Edwards

COMPUTER USERS GROUP
Charles Merbitz
Thomas Tatham

CORRECTIONAL BEHAVIOR ANALYSIS
Sherman Yen

DIRECT INSTRUCTION
Paul Weisberg

ETHICAL AND LEGAL ISSUES
Deborah Shanley
Mary Spence

EXPERIMENTAL ANALYSIS OF HUMAN BEHAVIOR
Philip N. Chase
Michael Perone

INTERBEHAVIORISTS IN ABA
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JABA USERS GROUP
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William K. Redmon

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NATIONAL, REGIONAL, STATE, AND LOCAL (NRSL) CHAPTERS

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Marilyn Hubek

BEHAVIOR ANALYSIS IN IRELAND
Leo Baker

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O. Fontaine

BERKSHIRE ASSN FOR BEHAVIOR ANALYSIS AND THERAPY
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1988 ABA CONVENTION THEME

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ATTENDING THE CONVENTION?

**********BE PREPARED!**********

READ AND FOLLOW THE INSTRUCTIONS FOR MEMBERSHIP AND CONVENTION REGISTRATION; USE THE FORMS IN THE BACK OF THIS BOOK.

****

1. If you copy the forms for a colleague, copy the instruction pages also.

2. All payments must be in U.S. FUNDS. If you cannot make your payments in U.S. funds, ADD $10.00 to cover bank processing charges.

3. Do not write in the spaces marked "FOR OFFICE USE ONLY."

4. Use one form per person and SEND THE ENTIRE FORM.

5. Membership for the 1988 year must be paid to register at member rates (you may pay membership and registration at the Convention). Do you have a 1988 Membership Card? If so, you have renewed your membership. Bring your card to the Convention.

MEMBERSHIP FEES

New Members		**Renewing Members**	
Sustaining Members	$105.00	Sustaining Members	$110.00
Supporting Members	$ 66.00	Supporting Members	$ 70.00
Emeritus Members	$ 17.00	Emeritus Members	$ 24.00
Full Members	$ 36.00	Full Members	$ 50.00
Affiliate Members	$ 36.00	Affiliate Members	$ 50.00
Student Members	$ 17.00	Student Members	$ 24.00
Adjunct Member	$ 8.00	Adjunct Member	$ 18.00

6. Requests for Full Status cannot be processed between April 1 and June 1; applications/renewals received during these times will be processed as Affiliate Status. Request Full Status when you renew your membership for 1989.

7. The deadline for Advance Registration is April 30, 1988. To be eligible for Advance Registration Deduction, your form(s) and payment must ARRIVE in the ABA office before that date.

REGISTRATION FEES RECEIVED IN THE ABA OFFICE:

Before April 30		**After April 30/On-Site Registration**	
Sustaining Members	$ 54.00	Sustaining Members	$ 74.00
Supporting Members	$ 54.00	Supporting Members	$ 74.00
Emeritus Members	$ 30.00	Emeritus Members	$ 40.00
Full Members	$ 54.00	Full Members	$ 74.00
Affiliate Members	$ 54.00	Affiliate Members	$ 74.00
Student Members	$ 30.00	Student Members	$ 40.00
Adjunct Members	$100.00	Adjunct Members	$120.00
Nonmembers	$200.00	Nonmembers	$220.00
One-Day/Members	$ 25.00	One-Day/Members	$ 35.00
One-Day/Adjunct	$ 40.00	One-Day/Adjunct	$ 50.00
One-Day/Nonmembers	$ 50.00	One-Day/Nonmembers	$ 70.00

8. **REGISTRATION HOURS** Location: Conference Center Hall. Advance registration packets available and on-site registrants processed:

Thursday	May 26	2:00PM-4:00PM	Saturday	May 28	8:00AM-4:00PM
		7:00PM-9:00PM	Sunday	May 29	8:00AM-4:00PM
Friday	May 27	8:00AM-5:00PM	Monday	May 30	8:00AM-NOON

9. Registrations may be mailed to the ABA office after April 30, 1988, IF the form(s) and payment (on-site rates apply) will arrive in the office BEFORE May 14, 1988. If you do not allow sufficient time for the materials to reach the ABA office, BE PREPARED to register again at the Convention. Registrants will receive refunds of overpayments by July 25, 1988.

10. If you plan to attend a workshop, ADVANCE REGISTER. Workshops for which less than five tickets are sold by May 1 will be cancelled.

11. Send a self-addressed stamped post card for confirmation of receipt. Bring this card with you to the Convention.

12. Check your addition before preparing your check/money order.

13. Mail Membership and Registration forms in one envelope and include both payments on one check.

14. Cancellations by participants of registration or tickets are accepted until May 1; a $10.00 handling fee will be deducted. After May 1, only workshops cancelled by the instructor or by ABA will be refunded. No other exchanges or refunds will be made.

15. At the Convention, wear your name badge at all times! It is your admission ticket to most sessions (other tickets may be required for some events). Name Badge Replacement Fee: $1.00.

16. Make your hotel reservations early. Convention rates at the Wyndham Franklin Plaza Hotel are guaranteed to April 24th.

17. TRANSPORTATION. Call CARAVELLE TRAVEL, the official carrier for the 1988 ABA Convention. See the advertisement on the inside front cover for details.
THE AIRPORT RAIL LINE provides service to Center City every half-hour daily from 6AM to Midnight. For information, call 215-574-7800.
BUS SERVICE is available from most cities to Philadelphia.
TRAIN SERVICE is available.
HOTEL PARKING is available; rates at the time of publication were $15.00 each day.

18. RECREATION, DINING, & ENTERTAINMENT. Call the Tourist Bureau for information on locations: 215-636-1666.

CONVENTION PROGRAM

The program is arranged in Specialty Areas, and the presentation formats within each of these specialty areas include:
INVITED ADDRESSES. ABA invites distinguished individuals to give 20 or 50 minute presentations during the Convention.
BUSINESS MEETINGS for Committees and Special Interest Groups are held during the Convention. When so indicated, these meetings are open to all Convention registrants.
PANEL DISCUSSIONS are similar to Symposia in format with each presenter responding to a general question rather than delivering a prepared paper on a specific topic.
PAPERS are 20-minute presentations of theoretical, philosophical, historical, or methodological issues.
SYMPOSIA consist of two or more paper presentations on a related topic.

POSTER SESSIONS. Information relevant to a data-based research project is posted and the authors are available for 90-minutes to discuss the project. Prizes for excellence may be awarded by the Poster Session Judge in each Specialty Area.

CONTINUING EDUCATION PROGRAM

The Association for Behavior Analysis is an organization approved by the American Psychological Association to offer Continuing Education for psychologists. One of the primary objectives of ABA is to provide educational opportunities for members and other professionals to review recent research, to discuss current theoretical issues, and to learn new methods of 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 Continuing Education Program is arranged to permit convention participants to enroll in a number of workshops which have been identified by the area of study and continuing education credits. The following statement will accompany workshops:

> "This program is offered for hours of continuing education credit. The Association for Behavior Analysis is an organization approved by the American Psychological Association to sponsor continuing education for pscyhologists. APA approval is limited to organizations and does not necessarily imply endorsement of the individual offerings.

The record of these continuing education credits, which are **not** equivalent to university credit hours, will be maintained by the Association for Behavior Analysis. The Continuing Education Program consists of Pre-Convention Institutes which are listed in the Convention Program.

REPRINTS OF PRESENTATIONS AT THE ABA CONVENTION. Request reprints from the authors.

INFORMATION AND VOLUNTEER DESK

ABA asks for volunteers to assist with Convention activities, sign up at the Desk or call the ABA Office for details. If you have any problems/questions concerning a convention activity or a presentation during the Convention, go to the ABA Information Desk in the Conference Center Ballroom. The staff will be able to assist you or find someone who can. Hours:

Thursday	May 26	2:00PM--4:00PM	Saturday	May 28	8:00AM--6:15PM
		7:00PM--9:00PM	Sunday	May 29	8:00AM--6:15PM
Friday	May 27	8:00AM--6:15PM	Monday	May 30	8:00AM--2:15PM

PLACEMENT SERVICES

If you are seeking qualified applicants or a new position, consider the ABA Placement Service! Vitaes, resumes, and position listings will be available for review, as well as employers and applicants for interviews during the Convention. The Placement Service Desk is in the Conference Center Hall. Hours:

Thursday	May 26	2:00PM-4:00PM	Saturday	May 28	8:00AM-4:00PM
		7:00PM-9:00PM	Sunday	May 29	8:00AM-4:00PM
Friday	May 27	8:00AM-5:00PM	Monday	May 30	8:00AM-NOON

EXHIBITS

Exhibits are located in Conference Center Hall. Hours:

Friday May 27 8:00AM-5:00PM Sunday May 29 8:00AM-4:00PM
Saturday May 28 8:00AM-4:00PM Monday May 30 8:00AM-NOON

BOOTHS:

1 **Lafayette Instrument Co,** PO Box 5729, Lafayette, IN 47903. Instrumentation for classroom, clinical, and laboratory uses including learning and perception, neuropsychological and vocational evaluation testing; physiological recording; biofeedback; timing and programming; computer interface; and general animal behavior equipment.

2 **S&K Computer Products, Ltd,** Box 8000, Dept. 620, Buffalo, NY 14267. Featuring S&K Event Recorder, S&K Stallings Observation Instrument.

3 **Merrill Publishing Co,** 1300 Alum Creek Dr., Columbus, OH 43216. Merrill will be exhibiting college level textbooks including the new BEHAVIOR MANAGEMENT: A PRACTICAL APPROACH FOR EDUCATORS, 4th Ed [Walker/Shea], APPLIED BEHAVIOR ANALYSIS [Cooper/Heron/Heward], and APPLIED BEHAVIOR ANALYSIS FOR TEACHERS, 2nd Ed [Alberto/Troutman].

4 **Pergamon Press, Inc,** Maxwell House, Fairview Park, Elmsford, NY 10523. Pergamon Press will feature BEHAVIORAL ASSESSMENT, 3rd Ed [Bellack/Hersen], DICTIONALRY OF BEHAVIORAL ASSESSMENT TECHNIQUES [Hersen/Bellack], and other new and backlist Texts, Professional Books, Journals, and Software.

5 **Lawrence Erlbaum Associates,** 365 Broadway, Hillsdale, NJ 07642. Lawrence Erlbaum publishes professional and advanced level textbooks, reference books, journals in the behavioral sciences.

6 **B & W Shirtworks,** Kalamazoo Enterprise Center, 225 Parson St., Kalamazoo, MI 49001. B & W Shirtworks provides quality specialized ABA T-shirts, sweatshirts, convention souvenirs. We provide "Shirts That Work For You."

7 **Cooperative Book Exhibit**

Guilford Publication, Inc, 72 Spring St., New York, NY 10012. HANDBOOK OF COGNITIVE BEHAVIORAL THERAPIES [Ed:Dobson]; STRESS MANAGEMENT FOR THE HEALTHY TYPE A (Manual/Workbook) [Roskies]; BEHAVIORAL ASSESSMENT OF CHILDHOOD DISORDERS, 2nd Ed. [Eds: Mash/Terdal]; REVIEW OF BEHAVIOR THERAPY, Vol. 11 [Wilson/Franks/Kendall/Foreyt]

Parent's Press, PO Box 2180, Bowling Green, KY 42102. SOS! HELP FOR PROFESSIONALS KIT [Clark].

Plenum Publishing Corp, 233 Spring St., New York, NY 10013. BEHAVIORAL APPROACHES TO CRIME AND DELINQUENCY: A HANDBOOK OF APPLICATION, RESEARCH, & CONCEPTS [Morris/Braukmann]; EVALUATION & ACCOUNTABILITY IN CLINICAL TRAINING [Edelstein/Berler]; FACILITATING TREATMENT ADHERENCE [Eysenck/Martin]; A PRIMER OF HUMAN BEHAVIORAL PHARMACOLOGY [Poling]; RESEARCH METHODS IN APPLIED BEHAVIOR ANALYSIS [Poling/Fuqua]; THEORETICAL FOUNDATIONS OF BEHAVIOR THERAPY [Meichenbaum/Turk]

Research Press, 2612 N. Mathis Ave., Champaign, IL 61821. ASSESSMENT IN RESIDENTIAL SETTINGS [Paul/etal]; GUIDING THE PROCESS OF THERAPEUTIC CHANGE [Kanfer/Schefft]; NEW BEGINNINGS: SKILLS FOR SINGLE PARENTS & STEP FAMILY PARENTS [Dinkmeyer/McKay/McKay]; THE TIME SAMPLE BEHAVIORAL CHECKLIST [Paul].

Society for the Advancement of Behavior Analysis, Western Michigan University, Kalamazoo, MI 49008-5052. THE BEHAVIOR ANALYST [journal].

FRIDAY, MAY 27
8:00-10:00 P.M.
CONFERENCE CENTER BALLROOM

Come and learn about ABA Committees, Task Forces, Special Interest Groups, NRSL Chapters! Many graduate programs in behavior analysis on display with representatives available to discuss the program with you! Cash bar will be set up in the Ballroom. See you there!

THE 8th ANNUAL ABA SOCIAL HOUR

DISPLAYS PRESENTED BY ABA
Committees, NRSL Chapters
Special Interest Groups, Task Forces!

THE 6th ANNUAL GRADUATE TRAINING IN BEHAVIOR ANALYSIS POSTER SESSION

Descriptions of graduate programs in behavior analysis on display
and faculty from these programs available for discussion
Organized and Hosted by
Anthony J.M. Marcattilio, Kennon A. Lattal

THE 1988 ANNUAL ABA

BREAKFAST

SPONSORED BY THE TASK FORCE FOR THE PROFESSIONAL DEVELOPMENT OF WOMEN

JOIN US IN SOME MORNING MERRIMENT!

"THE LITERATURE SUGGESTS THAT WOMEN WHO ARE TALL, CONSERVATIVELY DRESSED AND ASSERTIVE..."

By

Patricia Krantz

TICKET PRICE:
$15.00

SATURDAY, MAY 28, 1988
WYNDHAM D
7:30 A.M.

Tickets must be purchased in advance and may be ordered on the Advance Registration form in the back of this program. Admittance by ticket only!

University of Toronto Press, Toronto, Ontario, Canada M5S 1A6. THE PREDICTION OF CRIMINAL BEHAVIOUR [Gabor]; SQUARE JOHN [McGilvary]; WHY DELINQUENCY? [Cusson]

FREE TAKE ONE DISPLAY:
Free Spirit Publishing, 123 N. 3rd St, Ste. 716, Minneapolis, MN 55401. Flyers on Fighting Invisible Tigers books (student & teacher guide).
PRO-ED, Inc, 5341 Industrial Oaks Blvd., Austin, TX 78735. Catalogs.

SOCIAL EVENTS
FRIDAY, MAY 27, 1988

8:00PM-10:00PM CONFERENCE CENTER BALLROOM CASH BAR

ABA SOCIAL HOUR. Posters and Representatives of ABA's Executive Council, Committees, Special Interest Groups, and NRSL Chapters will be present to answer questions and discuss ABA activities.

GRADUATE TRAINING IN BEHAVIOR ANALYSIS. Coordinators: Kennon A. Lattal (West Virginia University) and Anthony J.M. Marcatillio (St. Cloud State University). Several universities and colleges with behavior analysis programs will display information about the programs and have representatives available to discuss the programs.

SATURDAY, MAY 28, 1988

7:30AM-9:00AM MEMPHIS A BREAKFAST

THE TASK FORCE FOR THE PROFESSIONAL DEVELOPMENT OF WOMEN PRESENTS: "The Literature Suggests that Women who are Tall, Conservatively Dressed, and Assertive..." by Patricia J. Krantz. Ticket required for admission; see advertisement for details.

8:00PM-10:00PM CONFERENCE CENTER BALLROOM CASH BAR

THE INTERNATIONAL DEVELOPMENT COMMITTEE invites you to attend a Social Event and poster presentations of "BEHAVIORAL ANALYSIS AROUND THE WORLD."

9:00PM-Midnight TO BE ANNOUNCED HOSPITALITY SUITE

An Open House for alumni of Western Michigan University.

SUNDAY, MAY 29, 1988

5:30PM-9:00PM WYNDHAM BALLROOMS COCKTAILS & BANQUET

"A BEHAVIORAL BIRTHDAY BASH!" A Student Committee Production commemorating several important anniversaries. Master of Ceremonies: Brian A. Iwata. See advertisements for details.

THE 1988 ANNUAL ABA BANQUET

You are invited to a Student Committee production of

A BEHAVIORAL BIRTHDAY BASH

Where: Wyndham A & B Ballroom

When: **Sunday, May 29, 1988**
5:30 P.M. Open Cocktail Hour
6:30 P.M. Dinner
8:00 P.M. Program Festivities
(doors open to public)
9:00 P.M. Dancing 'til dawn

HONORED GUESTS:
FRED S. KELLER
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Experimental Analysis
of Human Behavior
Bulletin

Published twice yearly by the
Experimental Analysis of Human Behavior
Special Interest Group

The EAHB SIG is organized to encourage experiments using human subjects to analyze the relations between behavior and the variables influencing it. The Bulletin serves the SIG by disseminating information that usually is not published in the archival journals of behavior analysis.

SELECTED RECENT ARTICLES

James H. Joyce & Philip N. Chase, Human Operant Laboratory Practices: Subject Recruitment and Retention.
Dean C. Williams, A Strategy for Designing Schedules with Discrete or Continuous Response and Reinforcer Dimensions.
Linda J. Parrott, Toward A Descriptive Analysis of Verbal Interaction.
Eb Blakely & Alan Poling, Some Thoughts on Quantitative Analysis.

PLUS

* Proceedings of the EAHB SIG Group Poster Sessions * Grant News
* Research Profiles * Graduate Programs in Behavior Analysis * More!

To join the SIG and receive the Bulletin, send $6 to: EAHB SIG, Department of Psychology, West Virginia University, Morgantown, WV 26506-6040. Make your check payable to EAHB SIG.

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AND THERAPY, SOUTHERN CALIFORNIA (ABAT/SC)

For information contact:
Marjorie H. Charlop
Claremont McKenna College
Psychology Department
Claremont, CA 91711

NCABA: Review of '87-88' Actions

NCABA is an organization dedicated to the advancement of Behavior Analysis through research, education and services for the promotion of cultural practices that can benefit humankind. The organization provides Behavior Analysts with opportunities to keep abreast (e.g. Annual Conference and Collequia), to discuss (e.g. Area Affiliates) and to respond (e.g. Written Responses to Policy Makers) to issues related to the theoretical, experimental and applied behavior analysis. NCABA is an affiliate of ABA.

>>>>>>>>>>>>>> THURSDAY, MAY 26, 1988 <<<<<<<<<<<<<<

#100 4:00 PM - 7:00 PM SEMINAR C
BCI/PRE-CONVENTION INSTITUTE/**Functional Analytic Psychotherapy: A Behavioral Conception of Intense, Longer-term Psychotherapy**
Robert J. KOHLENBERG (University of Washington - Seattle)

DESCRIPTION: Outpatient, adult, psychotherapy is a treatment without observation of the client outside the therapy sessions and without control of outside contingencies. Although behavioral and cognitive therapies have been developed to fit the outpatient setting, radical behaviorism has had little influence on how "talk" therapy is done. A system of outpatient, adult psychotherapy based on radical behaviorism will be introduced. Surprisingly, the theory leads to a form of therapy that is emotional, longer term, and fits popular stereotypes rather than the didactic style characteristic of behavior therapy. Lecture and videotapes will be used. Open to faculty, graduate students, and professionals. The Association for Behavior Analysis is an organization approved by the American Psychological Association to offer continuing education for psychologists. APA approval is limited to organizations and does not necessarily imply endorsement of the individual offerings. CONTINUING EDUCATION CREDIT: 3 hours. LEVEL: Introductory: Little knowledge of the subject area required. WORKSHOP FEE: ABA Members--$25.00; nonmembers--$40.00. MATERIALS FEE: none.

#101 4:00 PM - 8:00 PM SEMINAR B
TPA/PRE-CONVENTION INSTITUTE/**The Application of Generalizability Theory to Assess the Quality of Behavioral Data**
Hoi K. SUEN (University of Connecticut - Storrs)

DESCRIPTION: This is an advanced institute on the application of generalizability theory to behavior data reliability/accuracy assessment. Content areas include problems of interobserver agreement, concepts and techniques of generalizability, variety of models, norm- and

criterion-referenced behavioral data reliability, derivation and interpretation of numerous reliability indices, facets of observation, autocorrelation, time sampling errors, and computer software. Simulated and real-life data will be used to facilitate discussions. The Association for Behavior Analysis is an organization approved by the American Psychological Association to offer continuing education for psychologists. APA approval is limited to organizations and does not necessarily imply endorsement of the individual offerings. CONTINUING EDUCATION CREDIT: 6 hours. LEVEL: Advanced: Extensive knowledge of subject matter required. WORKSHOP FEE: ABA Members--$50.00; nonmembers--$80.00. MATERIALS FEE: none.

#102 4:00 PM - 8:00 PM SEMINAR A
DDS/PRE-CONVENTION INSTITUTE/**Teaching Co-workers to Be Job Coaches**
Rita M. CURL, E. Kathryn MCCONAUGHY (Utah State University - Logan)

DESCRIPTION: This institute will provide information that supervisors, job placement specialists, job coaches, and co-workers need to facilitate effective, long-term placement for DD/MR adults in competitive job settings. Job placement professionals will be able to train nonprofessional, entry-level workers at competitive businesses to complete on-the-job training for new DD/MR workers. Additionally, information will be provided to facilitate the pre- and post-placement training that may be necessary to insure job tenure for DD/MR adults in business settings. The Association for Behavior Analysis is an organization approved by the American Psychological Association to offer continuing education for psychologists. APA approval is limited to organizations and does not necessarily imply endorsement of the individual offerings. CONTINUING EDUCATION CREDIT: 6 hours. LEVEL: Intermediate: Some knowledge of subject matter required. WORKSHOP FEE: ABA Members--$50.00; nonmembers--$80.00. MATERIALS FEE: $10.00.

#103 7:00 PM - 7:50 PM SEMINAR C
CE/Examination for enrollees who wish to be eligible for APA Continuing Education Credit in Psychology for Institute #102.

>>>>>>>>>>>>>> FRIDAY, MAY 27, 1988 <<<<<<<<<<<<<<

#200 8:00 AM - 11:00 SEMINAR D
COM/PRE-CONVENTION INSTITUTE/**Behavior Analytic Artificial Intelligence and "Neural Networks"**
William R. HUTCHISON, Kenneth R. STEPHENS (BehavHeuristics, Inc. - Silver Spring, MD)

DESCRIPTION: This institute will present a model of artificial intelligence based on behavior analysis, which the instructors have developed (and presented at ABA) over the past four years and are now applying commercially. Participants will learn how this model compares to and contrasts with the previously dominant cognitive model and with the currently emerging "neural network" models. Participants will then apply this model to several real problems. The Association for Behavior Analysis is an organization approved by the American Psychological Association to offer continuing education for psychologists. APA approval is limited to organizations and does not necessarily imply endorsement of the individual offerings. CONTINUING EDUCATION CREDIT: 3 hours. LEVEL: Intermediate: Some knowledge of subject matter required. WORKSHOP FEE: ABA Members--$25.00; nonmembers--$40.00. MATERIALS FEE: $10.00.

#201 8:00 AM - 11:00 PM SEMINAR C
EDC/PRE-CONVENTION INSTITUTE/**Applying Behavior Analysis Procedures to Effectively Mainstream Behavior Disordered Preschoolers: The Carousel Model**
Pamela G. OSNES, Trevor F. STOKES (FMHI, University of South Florida - Tampa)

DESCRIPTION: This institute will describe a program model for mainstreaming preschoolers who exhibit serious behavior problems with children who exhibit age-appropriate behaviors by the applications of behavior analysis procedures. Participants will receive instruction in the use of a direct observation instrument which is used to train staff. They will observe videotapes to analyze staff-child interactions, and will be provided with a systematic follow-up procedure to be used to program maintenance of appropriate child behaviors following discharge from the program. The

Association for Behavior Analysis is an organization approved by the American Psychological Association to offer continuing education for psychologists. APA approval is limited to organizations and does not necessarily imply endorsement of the individual offerings. CONTINUING EDUCATION CREDIT: 3 hours. LEVEL: Intermediate: Some knowledge of subject matter required. WORKSHOP FEE: ABA Members--$25.00; nonmembers--$40.00 MATERIALS FEE: none.

#202 8:00 AM - 11:00 PM SEMINAR A
DDS/PRE-CONVENTION INSTITUTE/**Part 2 of Institute #102**

#203 8:00 AM - 11:00 SEMINAR B
TPA/PRE-CONVENTION INSTITUTE/**Part 2 of Institute 101.**

#204 9:00 AM - 5:00 PM SALON 3/4
COM/COMPUTER LAB

Apple IIe and IIc, Macintosh, IBM, and other microcomputers are available in the Microlab for use by Convention attendees. Scheduled demonstrations are listed in the Program Book and begin on the hour. Informal, unscheduled meetings for individuals and small groups to demonstrate and discuss software can be held when space is available.

#205 10:00 AM - 1:00 PM WYNDHAM A
NEWCOMER'S SYMPOSIUM
CHAIRPERSON: W. Scott WOOD (Drake University - Des Moines, IA)

W. Scott WOOD (Drake University - Des Moines, IA) **An Overview of the Association for Behavior Analysis**

Jack MICHAEL (Western Michigan University - Kalamazoo) **Principles of Behavior Analysis**

John A. NEVIN (University of New Hampshire - Durham) **Trends and Developments in the Experimental Analysis of Behavior**

Jon S. BAILEY (Florida State University - Tallahassee) **Trends and Developments in the Applied Analysis of Behavior**

#210 11:00 AM - 11:50 AM SALON 3/4
COM/COMPUTER LAB/**Experiment Control and Data Acquisition through an Easy to Use Spreadsheet Interface**
Jean HATTEN (Averett College - Danville, VA)
CHAIRPERSON: Michael PERONE (West Virginia University - Morgantown)

#211 11:00 AM - 11:50 AM SEMINAR D
CE/Examination for enrollees who wish to be eligible for APA Continuing Education Credit in Psychology for Institute #200.

#212 11:00 AM - 11:50 AM SEMINAR C
CE/Examination for enrollees who wish to be eligible for APA Continuing Education Credit in Psychology for Institute #201.

#213 11:00 AM - 11:50 AM SEMINAR A
CE/Examination for enrollees who wish to be eligible for APA Continuing Education Credit in Psychology for Institute #102.

#214 11:00 AM - 11:50 AM SEMINAR B
CE/Examination for enrollees who wish to be eligible for APA Continuing Education Credit in Psychology for Institute #101.

#215 11:30 AM - 1:00 PM CONFERENCE CENTER BALLROOM
POSTER SESSION #1
BEM/BCI--ISSUES IN BRAIN INJURY REHABILITATION

#1 Arnie ZENCIUS, Theresa KRANKOWSKI, Michael D. WESOLOWSKI, William H. BURKE (New Medico Head Injury System - Center Ossippee, NH) **Memory Notebook Training**

#2 Wayne STANTON, Arnie ZENCIUS, Lisa ANTOGNONI, Michael D. WESOLOWSKI (New Medico Head Injury System - Center Ossipee, NH) **Increasing Daily Awareness in One Severely Brain Injured Adolescent**

#3 Ian M. LANE, Richard J. ZAWLOCKI, Michael D. WESOLOWSKI, William H. BURKE (New Medico Head Injury System - Center Ossippee, NH) **Maintenance of Appropriate Body Weight and Medication Blood Levels in Bulimic Brain-Injured Adult**

#4 Arnie ZENCIUS, Michael D. WESOLOWSKI (New Medico Head Injury System - Center Ossipee, NH) **Weight Loss: An Aerobic Approach in a Brain Injured Adolescent**

#5 Arnie ZENCIUS, Randy KING, Michael D. WESOLOWSKI (New Medico Head Injury System - Center Ossipee, NH)

Decreasing Profanity through Permanent Visual Prompts in a Brain Injured Adult

#6 Wayne STANTON, Arnie ZENCIUS, James DAVIS, Michael D. WESOLOWSKI (New Medico Head Injury System - Center Ossipee, NH) **Increasing Independence in Grooming Skills in Two Brain Injured Adults**

#7 Arnie ZENCIUS (New Medico Head Injury System - Center Ossipee, NH), Lisa ANTOGONI, Michael D. WESOLOWSKI, William H. BURKE (New Medico Head Injury System - Center Ossippee, NH) **Increasing Grooming Skills in a Brain Injured Client**

#8 Arnie ZENCIUS, Michael D. WESOLOWSKI, William H. BURKE (New Medico Head Injury System - Center Ossippee, NH) **Motivational Procedures in Increasing Compliance to Therapeutic Programming**

#9 Arnie ZENCIUS, Michael D. WESOLOWSKI (New Medico Head Injury System - Center Ossipee, NH), Lisa ANTOGONI (New Meico head Injury System - Center Ossipee, NH) , William H. BURKE (New Medico Head Injury System - Center Ossippee, NH) **Increasing Compliance to Therapy Sessions with a Head Injured Client with Severe Memory Deficits**

#10 Arnie ZENCIUS, Michael D. WESOLOWSKI, Fred DOUBLEDAY (New Medico Head Injury System - Center Ossipee, NH) **Increasing Compliance to Vocational Programming**

#11 Patrick MCQUADE, Arnie ZENCIUS, Michael D. WESOLOWSKI, William H. BURKE (New Medico Head Injury System - Center Ossippee, NH) **Increasing Vocational Skills through Memory Checklists**

#12 Ian M. LANE, Richard J. ZAWLOCKI, Michael D. WESOLOWSKI, William H. BURKE (New Medico Head Injury System - Center Ossippee, NH) **Elimination of Aggressive and Self-Injurious Behavior in a Diabetic Brain-Injured Adult**

#13 Arnie ZENCIUS, Michael D. WESOLOWSKI, William H. BURKE (New Medico Head Injury System - Center Ossippee, NH) **Decreasing Physical Aggression in Two Head Injured Clients**

DDS/BCI--ISSUES IN AUTISM

#15 Marjorie H. CHARLOP(Claremont McKenna College - Claremont, CA), Patricia F. KURTZ (Claremont Graduate School - Claremont, CA) **Increasing Independent Behaviors of Autistic Children**

School - Claremont, CA) **Increasing Independent Behaviors of Autistic Children**

#16 Marjorie H. CHARLOP(Claremont McKenna College - Claremont, CA), Janice P. MILSTEIN (Claremont Graduate School - Claremont, CA) **Teaching Response Variation in Conversational Speech to Autistic Children Using Video Modeling Procedures**

#17 Marjorie H. CHARLOP(Claremont McKenna College - Claremont, CA), Jane E. BIEBER (Claremont Graduate School - Claremont, CA) **Teaching Parents to Increase Their Autistic Children's Spontaneous Speech in Natural Settings Through Time Delay**

THE NEW ENGLAND CENTER FOR AUTISM

#18 David A. ROTHOLZ, Rebecca P. F. MACDONALD, Vincent STRULLY, Katherine FOSTER (New England Center for Autism - Southborough, MA) **The New England Center for Autism: A Program in Transition**

#19 Judith L. FOSTER (New England Center for Autism, Northeastern University - Southborough, MA), Nancy BYRNE (New England Center for Autism - Southborough, MA) , Karen E. GOULD (E. K. Shriver Center & Northeastern University - Waltham, MA) **Assessing Short-Term Memory with Autistic Subjects**

#20 Judith L. FOSTER (New England Center for Autism, Northeastern University - Southborough, MA), Katherine JENAL, Patricia DOYLE (New England Center for Autism - Southborough, MA) **Rumination: One Method to Decelerate**

#21 Susan BERKOWITZ, Leigh CAMILLE (New England Center for Autism - Southborough, MA) **A Comparison of Two Methods of Prompting in Training Discrimination of Communication Book Pictures by Autistic Students**

#22 Pamela BOWERS, Rebecca P. F. MACDONALD (New England Center for Autism - Southborough, MA), Russell W. MAGUIRE (New England Center for Autism, Northeastern University - Southborough, MA) **Reduction of Inappropriate Vocalizations by Differentially Reinforcing Low Rates of Behavior**

TOX--ISSUES IN PHARMACOLOGY AND TOXICOLOGY

#29 Sheryl S. MOY, David A. ECKERMAN (University of North Carolina - Chapel Hill) **Serial Position Effects on Radial Arm Maze Performance**

DWORKIN (Louisiana State University School of Medicine - Shreveport) **Neurobiology of Cocaine Drug Discrimination**

#32 Serene Mirkis DWORKIN, James E. SMITH, Steven I. DWORKIN (Louisiana State University School of Medicine - Shreveport) **Concurrent Administration of Food, Water and Intravenous Cocaine**

#33 Carles MUNTANER (National Institute on Drug Abuse (NIDA) - Baltimore, MD), John ROACH (University of Texas - Houston), Steven T. HIGGINS (University of Vermont -Burling Jack E. HENNINGFIELD (NIDA) **Effects of Alcohol Administ on Behavior Maintained under Concurrent Schedules of Point G and Point Loss Avoidance in Humans**

#34 Ruben FERNANDEZ, Monica NIETO, E. HERNADEZ Marcela LOPEZ CABRERA, David N. VELAZQUEZ-MARTIN (National University of Mexico - Mexico City, DF) **Effects of the Interaction of TR2515 with Quipazine and Indorenate on Food Intake of Rats**

#35 Luciano PERRILLIAT, Jorge BRITO, Marcela LOPEZ CABRERA, David N. VELAZQUEZ-MARTINEZ (National University of Mexico - Mexico City, DF) **Absence of State Dependent Effects of Alcohol on Habituation**

#36 Graciela TORRES, Flora KRAVETZ, Marcela LOPEZ CABRERA, David N. VELAZQUEZ-MARTINEZ (National University of Mexico - Mexico City, DF) **Spontaneous Behavior in Goldfish (Carassius auratus): Effects of Alcohol and Amphetamine**

#300 12:00 PM - 12:50 PM SALON 3/4
COM/COMPUTER LAB/**The Macintosh as a Stand-alone Hum Operant Research Station**
Anna D. HATTEN (Averett College - Danville, VA)
CHAIRPERSON: Steven C. HAYES (University of Nevada-Reno

#301 1:00 PM - 1:50 PM WYNDHAM C
TOX/INVITED ADDRESS/**The Reinforcing Functions of Drugs and Assessment of Abuse Liability**
Joseph V. BRADY (Johns Hopkins School of Medicine - Baltimore, MD)
CHAIRPERSON: Hank SCHLINGER (Western Michigan Univers Kalamazoo)

#302 1:00 PM - 1:50 PM SALON 6
TPA/INVITED ADDRESS/**Radical Behaviorism and Indian Mysticism**

William M. BAUM (University of New Hampshire - Durham)
CHAIRPERSON: Richard W. COUCH (Kansas City School District - Kansas City, MO)

#303 1:00 PM - 1:50 PM PHILADELPHIA SOUTH
TPA/INVITED ADDRESS/**Structure, Function, and Reductionism in Behavior Analysis**
Sigrid S. GLENN (University of North Texas - Denton)
CHAIRPERSON: Douglas C. TAYLOR (Naval Aerospace Medical Institute - Pensacola, FL)

#304 1:00 PM - 1:50 PM WYNDHAM D
TPA/INVITED ADDRESS/**A Method of Planned Comparisons for Withdrawal Designs**
Edward A. KONARSKI, Jr., James BODFISH (Western Carolina Center - Morganton, NC)
CHAIRPERSON: Philip J. BERSH (Temple University - Philadelphia, PA)

#305 1:00 PM - 1:50 PM WYNDHAM B
DDS/INVITED ADDRESS/**Defining and Labeling Behavior Change Procedures: Problems and Solutions**
James M. JOHNSTON (Auburn University - Auburn, AL)
CHAIRPERSON: Judith J. CARTA (University of Kansas - Kansas City)

#306 1:00 PM - 1:50 PM SALON 5
EXP/INVITED ADDRESS/**Enuresis and Encopresis: Operant Analysis and Remediation**
Betty L. WALLS (University of Missouri - Kansas City)
CHAIRPERSON: James POLLARD (New Medico Associates - Lowell, MA)

#307 1:00 PM - 1:50 PM SALON 3/4
COM/COMPUTER LAB/**SmartStat: Statistical Program for the Non-statistician**
Joe LAYNG (University of Chicago - Chicago, IL)
CHAIRPERSON: Jeffrey C. GRIP (Rehabilitation Institute of Chicago - Chicago, IL)

#308 1:00 PM - 2:20 PM SALON 9
TPA/SYMPOSIUM/**An Introduction to Interbehavioral Psychology**

CHAIRPERSON: Bryan D. MIDGLEY (University of Kansas - Lawrence)
DISCUSSANT: Sidney W. BIJOU (University of Arizona - Tucson)
Paul MOUNTJOY (Western Michigan University - Kalamazoo **Who, What, When, Where, Why, and How**
Edward K. MORRIS (University of Kansas - Lawrence) **The Interbehavioral Field**
Linda J. HAYES (University of Nevada - Reno) **Interbehavioral Philosophy**

#309 1:00 PM - 2:50 PM WYNDHAM A
EDC/INVITED ADDRESS/**Crossroads in the History of Programmed Instruction: A Presentation of the Right to Effective Education Task Force**
Donald A. COOK (Asymptote Inc. - Boston, MA)
CHAIRPERSONS: Beatrice H. BARRETT (Walter Fernald State School - Belmont, MA), Julie VARGAS (West Virginia University - Morgantown)

#310 1:30 PM - 3:00 PM CONFERENCE CENTER BALLROOM
POSTER SESSION #2
CMT--ISSUES IN COMMUNITY INTERVENTIONS
#1 Donald D. PATTERSON, Stephen C. BITGOOD, Arlene BENEFIELD, Donald THOMPSON (Jacksonville State University - Jacksonville, AL) **Poster Presentations: What Works?**
#2 Stephen C. BITGOOD, Gerald CARNES, Angela NABORS, Donald D. PATTERSON (Jacksonville State University - Jacksonville, AL) **Control of Public Feeding of Zoo Animals**
#3 J. E. MALENFANT(University of Moucton - Moucton, New Brunswick), Ron VAN HOUTEN (Mount Saint Vincent University - Halifax, Nova Scotia) **Behavior Analysis and Pedestrian Safety**
#4 Mary R. BURCH(Behavior Management Consultants, Inc. - Tallahassee, FL), Duane PICKEL (von Pickel K-9, Inc. & Tallahassee Police - Tallahassee, FL) **Behavior Analysis Goes to the Dogs: Decreasing Dropout Rates in Dog Obedience Classes**
EDC--ISSUES IN EDUCATIONAL TECHNOLOGY
#10 Noa ACHI-DROR, Dale WALKER, R. Vance HALL (Junip Gardens Children's Project-Kansas City), Ahmos ROLIDER (University of Haifa-Israel & Surrey Place Centre-Toronto), Charles GREENWOOD, Joseph DELQUADRI (Juniper Gardens)

Classwide Peer Tutoring in Israel

#11 Barry MCCURDY, Edward S. SHAPIRO (Lehigh University - Bethlehem, PA) **Self-Observation and the Reduction of Inappropriate Classroom Behavior**

#25 Susan EPPS, Robert J. STERN, Robert H. HORNER (University of Oregon - Eugene) **Comparison of Two Simulation Procedures for Teaching Generalized Menstrual Care to Women with Mental Retardation**

DDS--ISSUES IN DEVELOPMENTAL DISABILITIES

#26 Jeri BREINER, Kenya MATTIE, Audrey BLOOM (Georgia Retardation Center - Atlanta), (Georgia State University - Atlanta) **Controlling Aggressive Tantrums through Positive Programming in Conjunction with Brief Limitation of Movement**

#27 Elizabeth Zenke BALL, Susan L. PETERSON (Delaware State Autistic Programs - Newark) **Mild Contingent Exercise Compared with Timeout for a Very Young Child**

#28 Sandra BETLEY, Susan L. PETERSON (Delaware State Autistic Programs - Newark) **Contingent Exercise: A Mild Procedure for Reducing Inappropriate Sexual Advances in an Autistic Student**

#29 Rosemary TARLETON, Susan L. PETERSON (Delaware State Autistic Programs - Newark) **The Use of a Timeout Model to Obtain Movement Suppression in Non-Exclusionary Timeout**

#30 Rosemary TARLETON, Susan L. PETERSON (Delaware State Autistic Programs - Newark) **The Use of a Pleasant Tasting Substance as a Non-Intrusive Intervention for Rumination**

#31 Janice G. DERRICKSON, Nancy A. NEEF, Michael F. CATALDO (Johns Hopkins University - Baltimore, MD) **Decreasing Anxiety-Related Behaviors in Hospitalized Infants as a Function of Signalling the Occurrence and Nonoccurrence of Invasive Medical Procedures**

#32 Grace R. KALFUS, Darlene MAGITO (Adelphi University - Garden City, NY) **Decreasing Inappropriate Verbalizations in a Profoundly Retarded Male**

#33 Jill C. TAYLOR, Sarah ROBINSON, Edward G. CARR (State University of New York - Stony Brook) **How Children Control Adults Via Behavior Problems: Individual Versus Group Effects**

#34 Maria Amelia ALMEIDA (Universidade Estadual de Londrina - Londrina, Parana) **Adult Mentally Retarded**

Persons as Language Mediators for Young Handicapped Children

#35 Stephanie F. CAMPO, Raymond W. REED (University New Orleans - New Orleans, LA) **Using Time Delay and Graduated Guidance to Teach an Adult with Multiple Handicaps Fire Evacuation Skills**

#36 Valeri FARMER-DOUGAN, Katherine J. RIGGINS (Indiana University - Bloomington) **Teaching Social Skills to Retarded Adults: Increasing the Use of Table Manners Through Peer-Implementation of Incidental Teaching in a Group Home Setting**

#311 2:00 PM - 2:20 PM SEMINAR A
TPA/INVITED ADDRESS/**Robots: What They Mean for Beha Analysis**
H. McIlvaine PARSONS (Essex Corporation - Alexandria, VA)
CHAIRPERSON: Terry E. MCSWEEN (Behavioral Consultant Services, Inc. - Beaumont, TX)

#312 2:00 PM - 2:50 PM SALON 3/4
COM/COMPUTER LAB/**Behavioral Data Acquisition and Displ for Physical Rehabilitation**
Jeffrey C. GRIP, Charles MERBITZ, Ken MROCZEK (Rehabilitation Institute of Chicago - Chicago, IL)
CHAIRPERSON: Robert N. WOLL (N. Woll Inc. - San Jose, IL)

#313 2:00 PM - 2:50 PM WYNDHAM B
DDS/INVITED ADDRESS/**Dopaminergic Mechanisms in Self-Injurious and Stereotyped Behavior**
Stephen R. SCHROEDER (Ohio State University - Columbus)
CHAIRPERSON: Lynn E. MCCLANNAHAN (Princeton Child Development Institute - Princeton, NJ)

#314 2:00 PM - 2:50 PM WYNDHAM D
EXP/INVITED ADDRESS/**Research Methodology in the Establishment of Conditional Discriminations**
J. G. OSBORNE, Linda Lee BARNARD (Utah State University Logan)
CHAIRPERSON: Susan M. SCHNEIDER (University of Kansas Lawrence)

#315 2:00 PM - 3:20 PM SALON 6
EXP/SYMPOSIUM/**Experimental Analysis of Human Behavior:**

Student Paper Competition Winners
CHAIRPERSON: Barbara A. WANCHISEN (Baldwin-Wallace College - Berea, OH)

Winners of the Annual Student Paper Competition, sponsored by EAHB-SIG, traditionally present their papers in a special symposium at ABA. The competition's purpose is to foster student work in the experimental analysis of human behavior. This year's 4th annual competition was open to both graduate and undergraduate students, and both theoretical and empirical submissions were accepted. Since the competition is underway now, winning authors will be published in the program supplement.

#316 2:00 PM - 3:20 PM SEMINAR B
DDS/PANEL DISCUSSION/**The Use of Picture Cues and Self-Instructions by Employees with Severe Handicaps: Basic, Applied, and Experimental Issues**
MODERATOR: Martin AGRAN (Utah State University - Logan)
Benjamin LIGNUGARIS/KRAFT (Utah State University - Logan)
James E. MARTIN (Univ. of Colorado - Colorado Springs)
Dennis E. MITHAUG (Univ. of Colorado - Colorado Springs)

#317 2:00 PM - 3:50 PM SALON 5
BEM/SYMPOSIUM/**Applications of Behavior Analysis to Physical Rehabilitation**
CHAIRPERSON: Charles MERBITZ (Rehabilitation Institute of Chicago - Chicago, IL)
DISCUSSANTS: Israel GOLDIAMOND (University of Chicago - Chicago), Henry SLUCKI (University of Southern California)
Kathleen MADIGAN (California State University, Stanislaus - Turlock) **A Direct Instruction Approach to Memory Retraining after Brain Injury**
Glen W. WHITE (University of Kansas - Lawrence) **Increasing Pressure Sore Preventive Behavior for Children with Spina Bifida**
John GIANUTSOS (New York University Medical Center - New York) **Behavioral Assessment of Parkinsonism**
Rosamond GIANUTSOS (Cognitive Rehabilitation Services - Sunnyside, NY) **Driving Advisement: Capturing "Judgment" by Contrasting Self-Appraisal Ratings with Performance Measures**
John W. SCIBAK (New Medico Associates, Inc. -

Northampton, MA) **Methodologic Issues in Rehabilitation Research**

#318 2:00 PM - 3:50 PM WYNDHAM C
TOX/SYMPOSIUM/**The Application of Single Subject Methodologies for Evaluating Pharmacologic Treatment in Pediatric Populations**
CHAIRPERSON: Wayne FISHER (Kennedy Institute & Johns Hopkins University - Baltimore, MD)
DISCUSSANT: R. Wayne FUQUA (Western Michigan University - Kalamazoo)

Wayne FISHER, Terry J. PAGE (Kennedy Institute & Johns Hopkins University - Baltimore, MD) **Threats to Internal and External Validity When Evaluating Pharmacologic Interventions Using Group Comparison and Single Subject Designs**

Cathleen PIAZZA, Wayne FISHER, Alan REISS, Roberta BABBITT, Mary Lou KERWIN (Kennedy Institute & Johns Hopkins University - Baltimore, MD) **An Alternating Treatment Design for Brief Placebo-Controlled Titration Studies with Stimulants and Other Medications with Short Half Lives**

Mary Lou KERWIN, Wayne FISHER, Cathleen PIAZZA, Alan REISS (Kennedy Institute & Johns Hopkins University - Baltimore, MD) **Assessment of AD-HD False Positive and False Negative Responders to Stimulant Medication**

Cathleen PIAZZA, Wayne FISHER, Terry J. PAGE (Kennedy Institute & Johns Hopkins University - Baltimore, MD) **Concurrent Sessions and a Multiple Baseline across Sessions Design to Evaluate the Addictive and/or Interactive Effects of Behavioral and Pharmacologic Interventions**

Wayne FISHER, Susan HYMAN, Frances HUNT, Rick OSTRANDER, Michael F. CATALDO (Johns Hopkins University - Baltimore, MD) **A Double-Blind, Placebo-Controlled Reversal Design to Evaluate the Effects of Propranolol on Aggression and Self-Injury: A Case Study**

#319 2:00 PM - 3:50 PM PHILADELPHIA SOUTH
BCI/SYMPOSIUM/**Theoretical and Clinical Issues in Correspondence Training**
CHAIRPERSON: Freddy A. PANIAGUA (University of Texas Medical Branch - Galveston)

DISCUSSANT: Donald M. BAER (University of Kansas - Lawrence)

David P. WACKER, Wendy K. BERG (University of Iowa - Iowa City) **Use of Self-Label with Severely Handicapped Students**

Ruth A. BAER, Ronnie DIETRICH, Jeanette WENINGER (University of Kentucky - Lexington) **Component Analysis of Correspondence Training**

Freddy A. PANIAGUA, Sandra A. BLACK (University of Texas Medical Branch - Galveston) **Managing Inattention and Hyperactivity with Correspondence Training**

Freddy A. PANIAGUA (University of Texas Medical Branch - Galveston) **A Procedural Analysis of Correspondence Training Techniques**

#320 2:30 PM - 2:50 PM SALON 9
STF/PAPER/A Practitioner's Guide to the Use of Organizational Behavior Management in Human Service Settings: How to Increase Program Implementation and Demonstrate Results
Helen D. PRATT (Kalamazoo Regional Psychiatric Hospital - Kalamazoo, MI)

#321 2:30 PM - 2:50 PM SEMINAR A
OBM/INVITED ADDRESS/**The Challenge of Technology Transfer: Get Out and Sell**
Wanda MYERS (Behavioral Consultant Services, Inc. - Beaumont, TX)
CHAIRPERSON: Terry E. MCSWEEN (Behavioral Consultant Services, Inc. - Beaumont, TX)

#322 3:00 PM - 3:20 PM SEMINAR A
OBM/PAPER/**Academia and Business Consultation: An Inert Combination?**
Julie M. SMITH (Center for Entrepreneurial Studies & Dev. - Morgantown, WV)
CHAIRPERSON: J. Silva GONCALVES (Department of Corrections - Ann Arbor, MI)

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#323 3:00 PM - 3:50 PM WYNDHAM A
EXP/INVITED ADDRESS/**Transfer of Function across Members of Equivalence Classes in Children**

A. Charles CATANIA (University of Maryland, Baltimore County - Catonsville), Pauline HORNE, C. Fergus LOWE (University College of North Wales - Bangor, Gwynedd)
CHAIRPERSON: Jay MOORE (University of Wisconsin - Milwaukee)

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#324 3:00 PM - 3:50 PM SALON 3/4
COM/COMPUTER LAB/**The Communication Analysis System: Observations of Verbal Behavior of Persons with Aphasia**
Charles MERBITZ, Jeffrey C. GRIP, Cheryl JOZWIAK, Anita HALPER, Leora CHERNEY, Karen TZANATOPOLOUS, (Rehabilitation Institute of Chicago - Chicago, IL)
CHAIRPERSON: Robert S. SPANGLER (East Tennessee State University - Johnson City)

#325 3:00 PM - 3:50 PM SALON 9
GRN/PAPER SESSION/
CHAIRPERSON: Freddy A. PANIAGUA (University of Texas Medical Branch - Galveston)

Robin S. GOLDBERG-GLEN(University of Pennsylvania - Philadelphia), Elsie M. PINKSTON (University of Chicago - Chicago, IL) **Facilitating and Evaluating the Use of Operant Techniques in Applied Gerontology Settings**

Dawn Marie BIRK, Dave CALHOUN (Utah State University Logan) **The Use of Free Ambulation Time to Decrease Wandering in Alzheimer's Patients**

#326 3:00 PM - 4:50 PM WYNDHAM B
DDS/SYMPOSIUM/**Recent Research on Early Behavioral Intervention for Children with Autism**
CHAIRPERSON: J. Gregory OLLEY (The Groden Center, Inc. - Providence, RI)
DISCUSSANT: Carl J. DUNST (Western Carolina Center - Morganton, NC)

Phillip S. STRAIN, Bonnie JAMIESON, Marilyn HOYSON (University of Pittsburgh - Pittsburgh, PA) **Replication of the LEAP Model Program for Young Autistic Children**

Sandra L. HARRIS(Rutgers University - Piscataway, NJ), Jan S. HANDLEMAN (Douglass Developmental Disabilities Center - New Brunswick, NJ) **The Effects of Social Integration on the Development of Autistic Preschoolers**

Michael D. POWERS, Andrew L. EGEL (University of

Maryland - College Park) **Child and Family Factors in Preschoolers with Autism**

Gail G. MCGEE, Susan IZEMAN (University of Massachusetts - Amherst) **How Do Kids Spend Their Time in an Integrated Preschool?**

#327 3:00 PM - 4:50 PM WYNDHAM D
FAM/SYMPOSIUM/**Analyses of Verbal Behavior of Substance Using Adolescents and Their Parents**
CHAIRPERSON: Brenna H. BRY (Rutgers University - Piscataway, NJ)
DISCUSSANT: Peter HARZEM (Auburn University-Auburn, AL)

Brenna H. BRY, Elizabeth TURK, Cornelius SCHUTTE (Rutgers University - Piscataway, NJ) **Empirical Foundations of Analyses of Verbal Behavior of Substance Using Adolescents and Their Parents**

Dennis (Mac) GREENE (Rutgers University - Piscataway, NJ) **Theoretical Foundations of Analyses of Parents' Verbal Descriptions of Adolescent Behavior Contingencies ("Rules")**

Karen KRINSLEY (Rutgers University - Piscataway, NJ) **Contingency Analyses of Adolescent-Parent Verbal Interactions**

Juliet BEIER (Rutgers University - Piscataway, NJ) **Analyses of Adolescents' Verbal Descriptions of Substance Use Contingencies**

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#328 3:30 PM - 3:50 PM SEMINAR B
DDS/PAPER/**Generalized Reading and Writing during Reading Training of a 10-Year-Old Boy Labeled Aphasic, Dyslexic and Mentally Retarded**
Barry S. PARSONSON(University of Waikato - Hamilton, New Zealand), Narelle DAWSON-WHEELER (Dept. of Education Psychological Service - Hamilton, New Zealand)
CHAIRPERSON: Dale WALKER (Juniper Gardens Children's Project - Kansas City)
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#329 3:30 PM - 3:50 PM SALON 6
EXP/PAPER/**Applying Behavioral Economics to Human Behavior**
Joyce CHRISTENSEN (The American University - Washington)

CHAIRPERSON: Barbara A. WANCHISEN (Baldwin-Wallace College - Berea, OH)

#330 3:30 PM - 3:50 PM SEMINAR A
OBM/INVITED ADDRESS/**Behavior Analysis in the Telecommunications Industry**
Judith DORAN (Edward J. Feeney Associates - Redding, CT)
CHAIRPERSON: J. Silva GONCALVES (Department of Corrections - Ann Arbor, MI)

#331 3:30 PM - 5:00 PM CONFERENCE CENTER BALLROOM
POSTER SESSION #3

#332 4:00 PM - 4:50 PM PHILADELPHIA SOUTH
BEM/SYMPOSIUM/**PTSD: Its Psychopathology and Treatment**
CHAIRPERSON: Barbara OLASOV (Medical College of Pennsylvania - Philadelphia)
Edna B. FOA (Medical College of Pennsylvania - Philadelphia) **Behavioral Theories of Post Traumatic Stress Disorder**
Barbara OLASOV (Medical College of Pennsylvania - Philadelphia) **Behavioral Treatment of Post Traumatic Stress Disorder**
Michael J. KOZAK (Medical College of Pennsylvania - Philadelphia) **Psychophysiological Assessment of Crime Victims**
Roger K. PITMAN, Scot P. ORR (Harvard Medical School - Manchester, NH) **Psychophysiological Studies of PTSD Imagery**

#333 4:00 PM - 4:50 PM SEMINAR A
OBM/PAPER SESSION/
CHAIRPERSON: Robert W. GRIFFIN (General Foods Corp. - White Plains, NY)
Robert N. WOLL(N. Woll Inc. - San Jose, IL), Andrea MRAZEK (Southern Illinois University - Carbondale) **A Behavioral Approach to Cross-Cultural Business Negotiations**
Theodore ROSEN (Georgia Retardation Center - Atlanta) **Consulting with Business and Industry--What NOT to Tell Managers about Behavior Analysis**

#334 4:00 PM - 4:50 PM SALON 3/4
COM/COMPUTER LAB/**Measurement of Symmetry of Hemiplegic Gait**
Ken MROCZEK, Jeffrey C. GRIP, Kathy DONADIO, Shelia DUGAN, Eliot ROTH, Charles MERBITZ, (Rehabilitation Institute of Chicago - Chicago, IL)
CHAIRPERSON: Charles P. OLANDER (Jacksonville State University - Jacksonville, AL)

#335 4:00 PM - 4:50 PM WYNDHAM C
TOX/INVITED ADDRESS/**Drug Effects and the Punished Unit**
Gregory GALBICKA (Walter Reed Army Institute of Research - Washington, DC)
CHAIRPERSON: Stephen T. HIGGINS (University of Vermont - Burlington)

#336 4:00 PM - 5:20 PM SEMINAR B
DDS/SYMPOSIUM/**Linking Descriptive and Experimental Analysis of Aberrant Behavior with Intervention Development**
CHAIRPERSON: F. Charles MACE (Rutgers University - Piscataway, NJ)
DISCUSSANT: Sidney W. BIJOU (University of Arizona - Tucson)
Joseph LALLI(Lehigh University - Bethlehem, PA), F. Charles MACE (Rutgers University - Piscataway, NJ)
Analysis of Environmental Determinants of Bizarre Speech
Philip BELIFORE(Lehigh University - Bethlehem, PA), F. Charles MACE (Rutgers University - Piscataway, NJ)
Description and Experimental Analysis of Bizarre Touching
Howard S. ROSEN(Copper Country CMH Board - Houghton, MI), Kambiz ALAVI (Copper Country CMH - Houghton, MI)
Description and Experimental Analysis of Stereotypy

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#337 4:00 PM - 5:50 PM WYNDHAM A
TPA/SYMPOSIUM/**B. F. Skinner's Works: I. Establishing an Accurate Historical Record**
CHAIRPERSON: William R. WOODWARD (University of New Hampshire - Durham)
Julie VARGAS (West Virginia University - Morgantown)

Preparing Papers for Archiving
Nils WIKLANDER (Kobergsgatan 18 - Goteborg, Sweden)
Skinner's Sketch for an Epistemology: Harbinger of a Social Philosophy
Stephen R. COLEMAN (Cleveland State University - Cleveland, OH) **Skinner's Early Laboratory Work**
Terry J. KNAPP (University of Nevada - Las Vegas) **B. F. Skinner: What Have They Been Saying about Him, 1928-1988?**
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#338 4:00 PM - 5:50 PM SALON 5
BCI/PAPER SESSION/**Head Injury Rehabilitation**
CHAIRPERSON: Michele BURNETTE (Western Michigan University - Kalamazoo)
Beth VON SEGGERN(Timberlawn Psychiatric Hospital - Dallas, TX), Sigrid S. GLENN (University of North Texas - Denton) **Behavioral Applications in Neuropsychology**
William H. BURKE, Michael D. WESOLOWSKI (New Medi Head Injury System - Center Ossipee, NH) **Applied Behavior Analysis Methods in Head Injury Rehabilitation**
William H. BURKE, Michael D. WESOLOWSKI, Ian M. LA (New Medico Head Injury System - Center Ossipee, NH) **A Positive Approach to the Treatment of Aggressive Brain Injured Clients**
Ian M. LANE, Michael D. WESOLOWSKI, William H. BUR (New Medico Head Injury System - Center Ossippee, NH) **Teaching Socially Appropriate Behavior to Eliminate Hoarding in a Brain Injured Adult**

#339 4:00 PM - 5:50 PM SALON 9
EDC/SYMPOSIUM/**Reproduction of Behavioral Schools: Planned Parenthood, Adoption, Cesarian Section, Natural Birth**
CHAIRPERSON: R. Douglas GREER (Columbia University Teachers College - New York, NY)
DISCUSSANT: Ogden R. LINDSLEY (University of Kansas - Lawrence)
Barbara BECKER, Charles RAYNOLDS (Margaret Chapman School - Hawthorne, NY) **The Margaret Chapman School: Adoption**
Peter BLECHMAN (Opengate, Inc. - Somers, NY) **Opengate: Cesarian Delivery**

Laura DOROW (Fred S. Keller School - Yonkers, NY) **The Fred S. Keller School: Planned Parenthood**

Jane SELINSKE, Seema LODHI (St. Joseph School for the Blind & Multiple Handicapped - Jersey City, NJ) **St. Joseph School for the Blind and Multiple Handicapped: Natural Birth**

#340 4:00 PM - 5:50 PM SALON 6
EXP/SYMPOSIUM/**Stimulus Equivalence Research: Systematic Analyses and Extensions**
CHAIRPERSON: Larry STODDARD (E. K. Shriver Center - Waltham, MA)
DISCUSSANT: Larry STODDARD (E. K. Shriver Center - Waltham, MA)

William V. DUBE, William J. MCILVANE, Larry STODDARD (E. K. Shriver Center - Waltham, MA) **Establishing Stimulus Classes via Stimulus-Reinforcer Relations**

Richard R. SAUNDERS (University of Kansas - Parsons), Muriel D. SAUNDERS (Special Purpose School - Parsons, KS), Kathryn SAUNDERS, Joseph E. SPRADLIN (University of Kansas - Parsons) **The Structure and Stability of Equivalence Classes**

Lanny FIELDS (College of Staten Island, CUNY - Staten Island, NY) **The Effects of Nodality on Emergence of Derived Relations**

Gina S. GREEN (Southern Illinois University - Carbondale) **Stimulus Equivalence: Systematic Replications and Extensions**

Karen B. FENIELLO (Washington & Jefferson College - Washington, PA) **Cross-Modal Transfer of Stimulus Equivalence**

#341 5:00 PM - 5:20 PM SEMINAR A
OBM/INVITED ADDRESS/**Animalated Advertising**
Howard N. SLOANE(University of Utah - Salt Lake City), Charles R. SCHUSTER (National Institute on Drug Abuse - Rockville, MD)
CHAIRPERSON: Donald A. HANTULA (Johns Hopkins University School of Medicine - Baltimore, MD)

#342 5:00 PM - 5:50 PM WYNDHAM C
TOX/INVITED ADDRESS/**Drugs and Stimulus Control of**

Behavior: A Case Study of a Behavioral Mechanism of Drug Action
Jonathan L. KATZ (NIDA Addiction Research Center - Baltimore, MD)
CHAIRPERSON: Rodney D. CLARK (Western Michigan University - Kalamazoo)

#343 5:00 PM - 5:50 PM WYNDHAM D
EXP/INVITED ADDRESS/Multiple Schedules in Closed Economies
John A. NEVIN (University of New Hampshire - Durham)
CHAIRPERSON: Beth W. THOMAS (Auburn University - Auburn, AL)

#344 5:00 PM - 5:50 PM SALON 3/4
COM/COMPUTER LAB/Driving Advisement System: Software Mediated Assessment of Some Prerequisites for Motor Vehicle Driving
Rosamond GIANUTSOS (Cognitive Rehabilitation Services - Sunnyside, NY)
CHAIRPERSON: Charles MERBITZ (Rehabilitation Institute of Chicago - Chicago, IL)

#345 5:00 PM - 5:50 PM SALON 6
DDS/INVITED ADDRESS/Canine Companions for Independence
Bonita M. BERGIN (Canine Companions for Independence - Santa Rosa, CA)

CHAIRPERSON: Anthony J. M. MARCATTILIO (St. Cloud State University - St. Cloud, MN)

#346 5:30 PM - 5:50 PM SEMINAR A
OBM/PAPER/Cost Efficient Fact Finding: A Model for Trouble-Shooting in the Courts
Cynthia L. GODBEY (Florida State Courts System - Tallahassee)
CHAIRPERSON: Donald A. HANTULA (Johns Hopkins University School of Medicine - Baltimore, MD)

#347 5:30 PM - 5:50 PM SEMINAR B
DDS/PAPER/Levels of Functional Analysis in Behavioral Research
David B. LENNOX (Monroe Developmental Center - Rochester,

NY), Raymond G. MILTENBERGER (North Dakota State University - Fargo) , Kathleen WRIGHT (Monroe Developmental Center - Rochester, NY)
CHAIRPERSON: Judith M. LEBLANC (University of Kansas - Lawrence)

#348 6:00 PM - 6:50 PM SEMINAR A
OBM/MEETING/**Organizational Behavior Management Network SIG**
CHAIRPERSON: William K. REDMON (Western Michigan University - Kalamazoo)

This is the annual meeting of the members of the OBM SIG. Election of officers for 1988-89, planning for student paper awards and student internships, and discussion of future goals will be included on the agenda. New members are welcome.

#349 6:00 PM - 6:50 PM SALON 5
OTH/MEETING/**THE BEHAVIOR ANALYST Editorial Board**
CHAIRPERSON: Sigrid S. GLENN (University of North Texas - Denton)

At this meeting, new members will be elected to the board and issues of concern in the editorial process will be discussed. Members of the Editorial Board are asked to attend.

#350 6:00 PM - 6:50 PM SEMINAR B
OTH/MEETING/**Open Meeting on Membership/Recruitment**
CHAIRPERSON: W. Joseph WYATT (Associates in Behavioral Rehabilitation - South Charleston, WV)

All who have suggestions about membership/recruitment, also those who are willing to serve as local membership/recruitment contact people are encouraged to attend. Students, faculty members, and those in applied settings can have a positive influence on the growth of Behavior Analysis and on the growth of ABA by their involvement in membership/recruitment.

#351 6:00 PM - 7:20 PM WYNDHAM B
DDS/MEETING/**Autism SIG Organizational Meeting**
CHAIRPERSON: Michael D. POWERS (University of Maryland College Park)

The SIG is being organized to provide a forum for researchers, practitioners, and policy makers involved in the assessment and treatment of people with autism to exchange information and promote service delivery in educational, community, and family environments. Following an Invited Address, an organizational meeting will be held to elect officers, develop short- and long-term goals for the SIG, and to begin the planning process for the SIG's Newsletter and related activities. Interested persons are invited to attend.

#352 6:00 PM - 7:50 PM PHILADELPHIA SOUTH
OTH/MEETING/**International Development Committee**
CHAIRPERSON: Judith M. LEBLANC (University of Kansas, Lawrence)

All persons interested in the international development of ABA are invited to discuss issues related to participation in ABA and the conference of behavior analysts residing outside the United States. The meeting also serves as an opportunity for persons interested in international issues to meet and discuss their interests.

#353 6:00 PM - 7:50 PM SALON 6
ETH/MEETING/**Behaviorists for Social Action SIG**
CHAIRPERSONS: Jerome D. ULMAN(Ball State University - Muncie, IN), Richard F. RAKOS (Cleveland State University - Cleveland, OH)

At this 11th annual meeting of Behaviorists for Social Action, the Secretary-Treasurer and the Journal Editor for 1988-1989 will be elected. The BFSA Task Force will report on its work and we will discuss goals and concerns for the coming year. BFSA is a democratic, open-membership organization that encourages theoretical analysis and practical actions related to solving social problems.

#354 6:00 PM - 7:50 PM SALON 10
BCI/MEETING/**Berkshire Association of Behavior Analysis and Therapy**
CHAIRPERSON: V. Mark DURAND (State University of New York - Albany)

Board members and other interested members and non-members are invited. We will discuss ther 1988 BABAT Conference to be held in Amherst, MA (Oct. 14-15), elections, and the BABAT newsletter. Members and non-members are encouraged to provide input and other topics for discussion.

#355 7:00 PM - 7:50 PM SEMINAR B
OTH/MEETING/**Task Force for the Professional Development of Women Business Meeting**
CHAIRPERSONS: Kimberly C. KIRBY (Duke University - Durham, NC), Ana Marie Iruste MONTEZ (University of Southern Illinois - Carbondale)

The purpose of the Task Force is to recommend policy to Council to increase participation and professional development of female members of the profession. During this meeting we will report on the activities of the Task Force during the past year and plan and organize for the coming year. All interested persons are invited to attend.

#356 7:00 PM - 7:50 PM SEMINAR A
OBM/MEETING/**Journal of Organizational Behavior Management Editorial Meeting**
CHAIRPERSON: Thomas C. MAWHINNEY (University of Detroit-Detroit, MI)

Editorial board members, guest reviewers, contributors, and others who are interested in the future of the journal should attend. Discussion will focus on (1) the relationship between the fournal and the OBM SIG and (2) current content and future directions of the journal. Those who have questions about the submission and review process are welcome.

#357 7:00 PM - 7:50 PM SALON 5
OTH/MEETING/THE BEHAVIOR ANALYST Advisory Board
CHAIRPERSON: Sigrid S. GLENN (University of North Texas - Denton)

New members will be elected to the Advisory Board. Board members are asked to attend.

#358 8:00 PM - 10:00 PM CONFERENCE CENTER BALLRO
ABA SOCIAL HOUR

Committees

Judith M. LEBLANC (University of Kansas - Lawrence) **The International Committee**

Ilene S. SCHWARTZ (University of Kansas - Lawrence), Thomas S. CRITCHFIELD (West Virginia University - Morgantown) **Professional Service Opportunities with the Student Committee**

Thomas S. CRITCHFIELD(West Virginia University - Morgantown), Ilene S. SCHWARTZ (University of Kansas - Lawrence) **The ABA Directory of Behavioral Graduate Training Opportunities**

Task Forces

Kimberly C. KIRBY (Duke University - Durham, NC), Ana Marie Iruste MONTEZ (University of Southern Illinois - - Carbondale), Janet ELLIS (University of North Texas - Denton) **Task Force for the Professional Development of Women**

National, Regional, State, & Local (NRSL) Chapters

Vicci TUCCI (Learning Unlimited - La Selva Beach, CA), Mary Ann POWERS (Private Practice - San Francisco, CA), Paula L. WHANG-RAMOS (Regional Center of the East Bay - Oakland, CA), Ronnie DETRICH (Spectrum Center - Walnut Creek, CA) **Northern California Association for Behavior Analysis (NCABA): Review of 1987-88 Actions.**

Evelyn H. GINSBURG (Chicago Public Schools - Chicago, IL) **Chicago Association for Behavior Analysis (CABA)**

Robert S. SPANGLER, J. E. STONE (East Tennessee State University - Johnson City) **Tennessee Association for Behavior Analysis (TABA) Invites Your Participation**

Special Interest Groups

Mark L. SUNDBERG (Sundberg and Associates - Concord, CA) **Verbal Behavior Special Interest Group**

#359 8:00 PM - 10:00 PM CONFERENCE CENTER BALLROOM
GRADUATE TRAINING PROGRAMS IN BEHAVIOR ANALYSIS
Hosts: Kennon A. LATTAL (West Virginia University - Morgantown), Anthony J. M. MARCATTILIO (St. Cloud State University - St. Cloud, MN)

Stephen C. BITGOOD, Claudia E. MCDADE, Donald D. PATTERSON (Jacksonville State University - Jacksonville, AL) **Graduate Study at Jacksonville State University**

Stuart A. VYSE (Connecticut College - New London) **The M.A. Program in Psychology at Connecticut College**

David O. LYON (Western Michigan - Kalamazoo) **Behavior Analysis at Western Michigan University**

Eva L. FEINDLER, Grace R. KALFUS (Adelphi University - Garden City, NY) **Adelphi University: Master's Degree in Applied Psychology--Behavioral Technology Specialty**

Claire L. POULSON, Soledad CABEZA DE VACA, Lorraine GAHLES (Queens College, CUNY - Flushing, NY) **Queen's College of the City University of New York: Graduate Training in Behavioral Analysis**

John O. COOPER, Timothy E. HERON, William L. HEWARD (Ohio State University - Columbus) **Graduate Programs in Applied Behavior Analysis: Department of Educational Services and Research, Ohio State University**

K. Richard YOUNG (Utah State - Logan) **Graduate Training in Special Education at Utah State University**

Michael PERONE, Robert P. HAWKINS (West Virginia University - Morgantown) **Behavior Analysis at West Virginia University**

>>>>>>>>>>>>>> SATURDAY, MAY 28, 1988 <<<<<<<<<<<<<<

#400 8:30 AM -10:00 AM CONFERENCE CENTER BALLROOM
POSTER SESSION #4
BCI--ISSUES IN BEHAVIORAL CLINICAL INTERVENTIONS

#1 Thomas G. HARING(University of California - Santa Barbara), Craig H. KENNEDY (University of Oregon - Eugene) **Units of Analysis in Task Analytic Research**

#2 Gregory G. NORTH (Asgard Enterprises Inc. - Traverse City, MI) **The Treatment of Hallucinatory Behavior and Delusional Behavior With Reality Orientation**

#3 Howard N. SLOANE, William R. JENSON (University of Utah - Salt Lake City), Susan A. UNDERWOOD (Prince

Georges County School District - Deale, MD) , Thomas J. KEHLE (University of Connecticut - Storrs) **Salicylate Consumption and Hyperactive Behavior**

#4 Raymond G. MILTENBERGER, Ellyn THIESSE-DUFFY SUDA, Christopher KOZAK, Janet BRUELLMAN (North Dakota University - Fargo) **Teaching Prevention Skills to Children in the Home**

#5 Raymond G. MILTENBERGER (North Dakota State University - Fargo), John M. PARRISH (Kennedy Institute for Handicapped Children - Baltimore, MD), Vaughn RICKERT (University of Arkansas School of Medicine - Little Rock, AR), Melinda KOHR (Kennedy Institute for Handicapped Children - Baltimore, MD) **Assessing Treatment Acceptability with Consumers of Outpatient Child Behavior Management Services**

#6 Mark D. WEIST (Virginia Polytech Institute & State University - Blacksburg), Pam L. ARNOLD, Allen L. CRANE (Associated Catholic Charities - New Orleans, LA) **Enhancing the Generalization of Social Skills Training through Second Setting Reinforcement**

EDC--ISSUES IN EDUCATIONAL TECHNOLOGY

#15 Mary Fran JOHNSON, Jerome D. ULMAN (Ball State University - Muncie, IN) **Comparison of Positive and Negative Rules in the Good Behavior Game**

#16 E. Clarice HALL (Florida A&M University - Tallahassee) **An Eye for an Eye: Student Evaluations**

#17 Michael J. DEWULF, Sarah E. RULE (Utah State University - Logan) **A Cost Analysis of Teacher Training Alternatives**

#18 Pamela G. OSNES, Trevor F. STOKES, Kathleen BARRY, LuAnne PANACEK, Adlai BOYD (FMHI, University of South Florida -) **The Use of a Direct Observation System across Staff in 3-Day Treatment Settings in a Mental Health Institute**

#19 Pamela G. OSNES, Steven DAVERNE (FMHI, University of South Florida - Tampa), Pamela WEAVER (Pressley Ridge School (PRYDE) - Pittsburgh, PA) , Trevor F. STOKES (FMHI, University of South Florida - Tampa) **An Assessment of the Interactions of Severely Emotionally Disturbed Preschoolers with Normal Preschool Peers during Play in a Mainstreamed Classroom**

#20 Joy VAN HOUTEN, Ron VAN HOUTEN (Mount Saint Vi University - Halifax, Nova Scotia) **The Effects of Breaking Words into "Syllables" on Spelling Acquisition**

#21 Christopher H. SKINNER, Edward S. SHAPIRO (Lehigh University - Bethlehem, PA) **A Comparison of Taped-Words and Drill Interventions on Reading Fluency in Adolescents with Behavior Disorders**

#22 Laura Wray PALUMBO, Edward G. CARR (State University of New York - Stony Brook) **The Role of Response Efficiency in Communicative Development**

#23 Ann Marie KIENLEN (St. Joseph's School for the Blind - New York, NY) **Effect on Autoclictics in Functional Conversation under Mand and Tact Conditions**

#24 Michael E. SKINNER (College of Charleston - Charleston, SC) **Use of an Alternating Treatments Design to Evaluate the Effects of Computer-Based Instruction on the Achievement of College Students**

#25 John H. HUMMEL, John P. HALL (University of Houston-Downtown - Houston, TX) **Teaching APA Style to Undergraduate Students**

SBA--ISSUES IN SPORT BEHAVIOR ANALYSIS

#26 Hans VAN DER MARS, Barbara Ewens CUSIMANO (Arizona State University - Tempe) **The Effects of Differential Proximity on Student Off-Task Behavior in a Physical Education Setting: A Single Subject Analysis**

#401 8:30 AM - 5:00 PM SALON 3/4
COM/COMPUTER LAB

Apple IIe and IIc, Macintosh, IBM, and other microcomputers are available in the Microlab for use by Convention attendees. Scheduled demonstrations are listed in the Program Book and begin on the hour. Informal, unscheduled meetings for individuals and small groups to demonstrate and discuss software can be held when space is available.

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#402 9:00 AM - 9:50 AM SALON 1
VRB/PAPER SESSION/
CHAIRPERSON: Karen B. FENIELLO (Washington & Jefferson College - Washington, PA)

John B. CONNORS (Western Michigan University - Kalamazoo) **Deductive vs. Inductive Instructional Sequencing**

Rocio HERNANDEZ-POZO, Osmaldo CORONADO (National Autonomous University of Mexico - Iztacala, Mexico)

Acquisition, Transference and Emergence of Logical Frames with Words in Adults: Effect of Previous Vocalization over Performance

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#403 9:00 AM - 9:50 AM SALON 3/4
COM/COMPUTER LAB/**From Apple to IBM: An Authoring System**
Michael MALONEY, Michael SUMMERS (Quinte Learning Centre - Belleville, Ontario)
CHAIRPERSON: Charles MERBITZ (Rehabilitation Institute of Chicago - Chicago, IL)

#404 9:00 AM - 9:50 AM WYNDHAM A
TPA/INVITED ADDRESS/**Watson, Skinner, and Everyday Human Behavior**
Robert EISENBERGER (University of Delaware - Newark)
CHAIRPERSON: Cloyd HYTEN (University of North Texas - Denton)

#405 9:00 AM - 9:50 AM SALON 6
DDS/INVITED ADDRESS/**Team Sports for the Severely Retarded: Training Offensive Skills in Soccer**
Paul D. LUYBEN(State University of New York - Cortland), Donna M. FUNK (Board of Cooperative Educational Services - Cortland, NY)
CHAIRPERSON: Anne E. WILSON (Ohio State University - Columbus)

#406 9:00 AM - 9:50 AM SALON 9
EXP/INVITED ADDRESS/**Matching in the Stickleback: Is the Matching Law a Principle of Reinforcement?**
James D. DOUGAN, William J. ROWLAND (Indiana University - Bloomington)
CHAIRPERSON: Patrick M. GHEZZI (University of Arizona - Tucson)

#407 9:00 AM - 9:50 AM SALON 5
BCI/INVITED ADDRESS/**Eating Disorders: Much More than Problems with Eating**
Betty K. ARMSTRONG (Timberlawn Psychiatric Hospital - Dallas, TX)
CHAIRPERSON: Richard A. POLSTER (Univ.of Texas - Arlington

#408 9:00 AM - 10:20 AM SEMINAR A
DDS/SYMPOSIUM/**Assessing and Promoting Client Engagement in Community-Based Group Homes for Developmentally Disabled Clients: Making Sure the Transition Involves More Than Just Change in Setting**
CHAIRPERSON: David A. ROTHOLZ (New England Center for Autism - Southborough, MA)
DISCUSSANT: Patricia J. KRANTZ (Princeton Child Development Institute - Princeton, NJ)

Rebecca P. F. MACDONALD, David A. ROTHOLZ (New England Center for Autism - Southborough, MA) **Issues Associated with Transitioning Clients from Institutional to Community-Based Living Arrangements**

David A. ROTHOLZ, Rebecca P. F. MACDONALD (New England Center for Autism - Southborough, MA), Judith L. FOSTER (New England Center for Autism, Northeastern University - Southborough, MA) **A Qualitative and Quantitative Comparison of Engagement across Institutional and Community-Based Settings with Persons with Autism and Developmental Disabilities**

Diane J. BANNERMAN (University of Kansas - Lawrence) **Engagement of Group Home Clients with Severe and Profound Handicaps: Filling Lag Time with Learning**

#409 9:00 AM - 10:20 AM SEMINAR B
EDC/PANEL DISCUSSION/**Observation Strategies for Program Evaluation of Public Schools**
MODERATOR: Don DORSEY (Kansas City School District - Kansas City, MO)

Gregg W. GASSMAN (Kansas City School District - Kansas City, MO)

Christopher R. NELSON (Kansas City School District - Kansas City, MO)

Richard W. COUCH (Kansas City School District - Kansas City, MO)

#410 9:00 AM - 10:20 AM PHILADELPHIA SOUTH
OBM/SYMPOSIUM/**Longitudinal Studies in OBM**
CHAIRPERSON: Joseph M. SAVAGE (Behavioral Consultant Services, Inc. - Beaumont, TX)
DISCUSSANT: Dale M. BRETHOWER (Western Michigan University - Kalamazoo)

Terry E. MCSWEEN (Behavioral Consultant Services, Inc.

- Beaumont, TX) **Role Definition at Beatrice/Hunt-Wesson**
Theodore D. APKING (Alamo Learning Systems - Detroit, MI) **Maintaining Customer Service at Dime Savings**
William B. ABERNATHY, Mark RUSHING (Productivity Development Systems - Memphis, TN) **Pay for Performance: Long-Term Effects in Banking**

#411 9:00 AM - 10:50 AM WYNDHAM C
TOX/SYMPOSIUM/**Conditioning Factors in Behavioral Pharmacology**
CHAIRPERSON: Harbans LAL (Texas College of Osteopathic Medicine - Fort Worth)
DISCUSSANT: Donald A. OVERTON (Temple University - Philadelphia, PA)

Steven R. GOLDBERG (NIDA Addiction Research Center - Baltimore, MD) **The Effects of Environmental Stimuli Associated with Drug Injections on Persistant Drug Seeking Behavior: Second Order Schedules**

Anna Rose CHILDRESS, A. Thomas MCLELLAN (University of Pennsylvania & VA Medical Ctr - Philadelphia), Charles P. O'BRIEN (Veterans Administration Medical Center - Philadelphia, PA) **Conditioned Drug Related Responses in Opiate and Cocaine Abusing Patients**

Charles W. SCHINDLER (NIDA Addiction Research Center - Baltimore, MD) **The Use of Classical Conditioning Procedure in the Behavioral Pharmacology**

Harbans LAL, David SPENCER, Michael FORSTER (Texas College of Osteopathic Medicine - Fort Worth) **Conditioning of Discriminative Stimulus Properties of an Antihypertensive Drug**

Linda L. HERNANDEZ, James D. VALENTINE (Dorn Veterans' Hospital - Columbia, SC) **Mild Ethanol Intoxication May Enhance Pavlovian Conditioning**

#412 9:00 AM - 10:50 AM WYNDHAM B
EDC/PANEL DISCUSSION/**Issues in the Teaching of Behavior Analysis in Secondary Schools**
MODERATOR: Eva L. FEINDLER (Adelphi University - Garden City, NY)

Lawrence E. FRALEY (West Virginia University - Morgantown)

Julie VARGAS (West Virginia University - Morgantown)

Laura MAITLAND (High School Psychology Teachers Association - Merrick, NY)

Samuel CAMERON (Beaver College - Glenside, PA)
James RICE (Purdue University at Indianapolis - Indianapolis, IN)

#413 9:00 AM - 10:50 AM SALON 10
CMT/SYMPOSIUM/**Innovative Approaches to Safety Belt Promotion: Corporate and Community Applications**
CHAIRPERSON: E. Scott GELLER (Virginia Polytech Institute & State University - Blacksburg)
DISCUSSANT: H. McIlvaine PARSONS (Essex Corporation - Alexandria, VA)

E. Scott GELLER, Michael J. KALSHER, Steven W. CLARKE (Virginia Polytech Institute & State University - Blacksburg) **The Vince and Larry Crash Test Dummies: Media Stars for Social Marketing**

Galen R. LEHMAN (Eastern Mennonite College - Harrisonburg, VA), Robert E. EVANS, Mike GILMORE (Virginia Polytech Institute & State University - Blacksburg) **An Educational Curriculum for Increasing Children's Use of SafetyBelts**

Mike GILMORE (Virginia Polytech Institute & State University - Blacksburg), Galen R. LEHMAN (Eastern Mennonite College - Harrisonburg, VA) , Melissa WELCH (Virginia Polytech Institute & State University -) **Life Guards as Delivering Agents for a Safety Belt Program**

T. A. KAMSON (Lagos State University - Lagos, Nigeria), E. Scott GELLER (Virginia Polytech Institute & State University - Blacksburg) , Galen R. LEHMAN (Eastern Mennonite College - Harrisonburg, VA) **Safety Belt Use and Promotion in Lagos, Nigeria**

Michael J. KALSHER (Virginia Polytech Institute & State University - Blacksburg), Katrina EVANS, Anthony WRIGHT (Eastern Mennonite College - Harrisonburg, VA) **Television and Vehicle Safety: A Four Year Evaluation**

Steven W. CLARKE, Robert E. EVANS, Mimi R. BUCHANAN (Virginia Polytech Institute & State University - Blacksburg) **Intervening at a Corporate Picnic to Increase Safety Belt Use: Tests of Maintenance and Generalization**

Robert E. EVANS, Kent E. GLINDEMANN, Michael J. KALSHER (Virginia Polytech Institute & State University - Blacksburg), **The "Convincer": An Involving**

Tom BERRY, Kirsten GIBONEY, Michele GIENOR (Virginia Polytech Institute & State University - Blacksburg), **Vehicle Safety Belt Reminders: Prompt or Prod**

#414 9:00 AM - 10:50 AM PHILADELPHIA NORTH
EXP/SYMPOSIUM/**Infrahuman Analogues of Human Phenomena**
CHAIRPERSON: Kennon A. LATTAL (West Virginia University - Morgantown)
DISCUSSANT: Allen NEURINGER (Reed College - Portland, OR)
Alan CHRISTOPHER (West Virginia University - Morgantown) **Compulsive Gambling: An Animal Analogue**
Karla Jo DOEPKE, Kennon A. LATTAL (West Virginia University - Morgantown) **Say-Do Correspondence in the Pigeon: Self-Production of Sample Stimulus in Delayed Matching-to-Sample**
Alan POLING, Steve RAGOTZY, Eb BLAKELY (Western Michigan University - Kalamazoo) **Extending a Model: Self-Control in Mentally Retarded Adolescents**
David LUBINSKI(University of Illinois - Urbana-Champaign), Travis THOMPSON (University of Minnesota - Minneapolis) **Constructing Animal Models of the Interpersonal Communication of Private Events: Synthesizing Behavior Experimentally**

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#415 10:00 AM - 10:20 AM SALON 9
EXP/PAPER/**Effect of Probability of Consequences over Performance of Adults and Children in Second-Order Conditional Learning of Verbal Relations**
Rocio HERNANDEZ-POZO, Alejandra SANCHEZ, Magnolia DOMINGUEZ, Emilio RIBES INESTA (National Autonomous University of Mexico - Iztacala, Mexico) Iztacala, Mexico)
CHAIRPERSON: Douglas C. TAYLOR (Naval Aerospace Medical Institute - Pensacola, FL)
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#416 10:00 AM - 10:50 AM SALON 6
DDS/INVITED ADDRESS/**Imitation in Infancy: A Critical Review**
Leila Regina DE PAULA NUNES(Universidade Federal de Sao Carlos - Sao Paulo, Brazil), Claire L. POULSON (Queens College, CUNY - Flushing, NY)

CHAIRPERSON: Eric V. LARSSON (The May Institute - Chatham, MA)
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#417 10:00 AM - 10:50 AM SALON 3/4
COM/COMPUTER LAB/MACTEST - **Simultaneous Teaching and Behavioral Research Using the MAC**
Charles P. OLANDER (Jacksonville State University - Jacksonville, AL)
CHAIRPERSON: Robert S. SPANGLER (East Tennessee State University - Johnson City)

#418 10:00 AM - 10:50 AM SALON 1
TPA/PAPER SESSION/
CHAIRPERSON: Mark E. PEVEY (Emory University - Atlanta, GA)
David O. LYON (Western Michigan University - Kalamazoo) **Principles of Research Argumentation**
Stuart A. VYSE (Connecticut College - New London) **What's the Difference If I Make an Inference? Statistics and Behavior Analysis**

#419 10:00 AM - 11:50 AM SALON 5
BEM/SYMPOSIUM/**The Role of the Behavioral Psychologist in Obstetrics and Gynecology**
CHAIRPERSON: Edward J. CALLAHAN (University of California, Davis - Sacramento)
Paul GREENE (Case Western University - Cleveland, OH) **Preparation for Caesarian Birth**
Edward J. CALLAHAN (University of California, Davis - Sacramento) **Helping Parents Cope with the Loss of a Child**
Michele BURNETTE (Western Michigan University - Kalamazoo) **Behavioral Treatment of Hyperemesis Gravidarum**
Laurie DESIDERATO (Case Western University - Cleveland, OH) **Infertility: When Having It All Is Not Possible**

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#420 10:00 AM - 11:50 AM WYNDHAM A
TPA/SYMPOSIUM/**B. F. Skinner's Works: II. Some Roots and Branches of Radical Behaviorism**
CHAIRPERSON: William R. WOODWARD (University of New

Hampshire - Durham)
DISCUSSANT: B. F. SKINNER (Harvard University - Cambridge, MA)
Philip J. PAULY (Rutgers University - New Brunswick, NJ) **Jacques Loeb, General Physiology and the Development of Behaviorism**
Laurence D. SMITH (University of Maine - Orono, ME) **Skinner's Psychologistic Epistemology**
Eckart SCHEERER (Fach Psychologie - Birkenweg, Germany) **The Research Paradigm of the Experimental Analysis of Behavior**
John ROBINSON, William M. BAUM, William R. WOODWARD (University of New Hampshire - Durham) **The Convergence of Behavioral Biology and Operant Psychology**
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#421 10:30 AM - 10:50 AM SALON 9
VRB/INVITED ADDRESS/**Rule, Rule-Governed Behavior, and Verbal Behavior**
Joel GREENSPOON(University of North Texas - Denton), James OLSON (University of Texas, Permian Basin - Odessa)
CHAIRPERSON: Douglas C. TAYLOR (Naval Aerospace Medical Institute - Pensacola, FL)

#422 10:30 AM - 10:50 AM SEMINAR B
STF/PAPER/**Don't Forget the Cheerleader! A Critical Step in Creating Durable Behavioral Programs**
Deborah E. ALTUS (University of Kansas - Lawrence)
CHAIRPERSON: Richard W. COUCH (Kansas City School District - Kansas City, MO)

#423 10:30 AM - 10:50 AM PHILADELPHIA SOUTH
OBM/PAPER/**Beyond Statistical Process Control: A Behavioral Analysis**
Judith E. STOWE (Performance Consultants - Denton, TX)
CHAIRPERSON: Terry E. MCSWEEN (Behavioral Consultant Services, Inc. - Beaumont, TX)

#424 10:30 AM - 11:50 AM SEMINAR A
DDS/SYMPOSIUM/**Autistic Students as Consumers and Providers of Community Service: Implementing Community-Based Training within a Public School System**
CHAIRPERSONS: Dominick SQUITTIERE, Andrew S. BONDY

(Delaware State Autistic Programs - Newark)
DISCUSSANT: Nancy A. NEEF (Johns Hopkins University - Baltimore, MD)

Rosemary TARLETON, Dominick SQUITTIERE, Elizabeth Zenke BALL, Kenneth MAAG (Delaware State Autistic Programs - Newark) **Considerations for Introducing Young Autistic Students to Community Programming**

John SNYDER, Cynthia FINNEGAN, Dominick SQUITTIERE (Delaware State Autistic Programs - Newark) **The Acquisition and Long-Term Maintenance of Public Transportation Training with Autistic Adolescents**

Sandra BETLEY, Pam NEWMAN, Dominick SQUITTIERE (Delaware State Autistic Programs - Newark) **Teaching Janitorial Skills to Autistic Students**

Pam NEWMAN, Kenneth DRIER, Donna CHAPMAN, Joanne WACHOWIAK, Dominick SQUITTIERE (Delaware State Autistic Programs - Newark)

#426 11:00 AM - 11:50 AM WYNDHAM B
EDC/INVITED ADDRESS/**Applied Behavior Analysis and Education: Where Have All the Educational Researchers Gone?**
Beth SULZER-AZAROFF, Alex GILLAT (University of Massachusetts - Amherst)
CHAIRPERSON: Ruth G. WYLIE (Marietta College - Marietta, OH)

#427 11:00 AM - 11:50 AM PHILADELPHIA SOUTH
OBM/INVITED ADDRESS/**An Objective Review and Analysis of the Problems, Approaches, and Methodology in Ten Years of Research in the Journal of Organizational Behavior Management**
Bill L. HOPKINS, Fabricio E. BALCAZAR, Martin K. SHUPERT (University of Kansas - Lawrence)
CHAIRPERSON: William K. REDMON (Western Michigan University - Kalamazoo)

#428 11:00 AM - 11:50 AM SALON 10
CMT/INVITED ADDRESS/**Behavior Modification Movement in Taiwan, R.O.C., 1970 to Present**
Sherman YEN (Applied Research & Management, Inc. - Owings Mill, MD)
CHAIRPERSON: Judith M. LEBLANC (University of Kansas -

Lawrence)

#429 11:00 AM - 11:50 AM SALON 3/4
COM/COMPUTER LAB/**Classroom Advisor: An Expert System Emulating Human Decision-making with Severely Handicapped Persons**
K. Richard YOUNG, Christine A. MACFARLANE, Richard P. WEST (Utah State University - Logan)
CHAIRPERSON: Thomas A. TATHAM (Mount Union College - Alliance, OH)

#430 11:00 AM - 11:50 AM WYNDHAM D
DDS/INVITED ADDRESS/**Long-Term Follow-ups of Self-Abuse, Aggression, and Contingent Shock Including Harry 10 Years Later**
Richard M. FOXX (Anna Mental Health and Development Center - Anna, IL)
CHAIRPERSON: Lynette K. CHANDLER (University of Kansas - Lawrence)

#431 11:00 AM - 11:50 AM SALON 6
TOX/INVITED ADDRESS/**Analysis of Behavioral Effects of Drugs**
Jeffrey M. WITKIN (NIDA Addiction Research Center - Baltimore, MD)
CHAIRPERSON: Kimberly C. KIRBY (Duke University - Durham, NC)

#432 11:00 AM - 11:50 AM SALON 1
TPA/PAPER SESSION/
CHAIRPERSON: Albert PRINCE (Marietta College - Marietta, OH)
Andrea MRAZEK (Southern Illinois University - Carbondale) **What Is a "Good" Ethical Principle for a Behaviorist? A Functional Analysis of Professional Ethics**
Thomas J. CHRISTIANSON, Sigrid S. GLENN (University of North Texas - Denton) **Establishing the Establishing Operation**

#433 11:00 AM - 12:20 PM SEMINAR B
VRB/SYMPOSIUM/Verbal Behavior **-The BOOK: A Continuing Guide for Analysis**

CHAIRPERSON: W. Scott WOOD (Drake University - Des Moines, IA)
Paul WHITLEY (Western Michigan University - Kalamazoo) **The Evolution of Verbal Behavior: A Chronology of Skinner's Work**
W. Scott WOOD (Drake University - Des Moines, IA) **Verbal Behavior and Language Games**
Terry J. KNAPP (University of Nevada - Las Vegas) **Verbal Behavior: A Guide to Analysis of Other Works**

#434 11:00 AM - 12:50 PM PHILADELPHIA NORTH
EXP/PANEL DISCUSSION/**Instructions and Self-Generated Rules in Human Operant Behavior: Consensus and Controversy**
MODERATOR: Samuel M. DEITZ (Georgia State University - Atlanta)
Daniel J. BERNSTEIN (University of Nebraska - Lincoln)
Philip N. CHASE (West Virginia University - Morgantown)
Philip N. HINELINE (Temple University - Philadelphia,)
Carol PILGRIM (University of North Carolina - Wilmington)

#435 11:00 AM - 12:50 PM WYNDHAM C
DDS/SYMPOSIUM/**Analysis and Treatment after Removal from a "Last Resort" Punishment Program**
CHAIRPERSON: Gary W. LAVIGNA (Institute for Applied Behavior Analysis - Los Angeles, CA)
DISCUSSANT: Robert H. HORNER (University of Oregon - Eugene)
June GRODEN (The Groden Center, Inc. - Providence, RI) **The Use of Self-Control as Alternatives to Punishment**
Marcia SMITH (Community Services for Autistic Adults and Children - Rockville, MD) **The Management of Aggression in Community Settings**
Thomas J. WILLIS, Gary W. LAVIGNA (Institute for Applied Behavior Analysis - Los Angeles, CA) **Non-aversive Treatment of Severe Self-Injury**

#436 11:00 AM - 12:50 PM SALON 10
DDS/SYMPOSIUM/**Normalizing the Socialization of Autistic Children**
CHAIRPERSON: Gail G. MCGEE (University of Massachusetts - Amherst)
DISCUSSANT: Phillip S. STRAIN (University of Pittsburgh -

Pittsburgh, PA)
Susan IZEMAN (University of Massachusetts - Amherst) **A Teaching Technology that Accommodates Social Integration**
Terri DALY (University of Massachusetts - Amherst) **"In Context" Teaching of Social Talk**
Leesa MANN (University of Massachusetts - Amherst) **Trends in the Development of Nonverbal Social Behavior**
Mary Lou DIBELLA (University of Massachusetts - Amherst) **Social Integration for Preschoolers: Implications for Curriculum**

#437 11:00 AM - 12:50 PM SALON 9
EDC/SYMPOSIUM/**Peer Tutoring Systems and Academic Performance**
CHAIRPERSON: Richard P. WEST (Utah State University - Logan)
Charles R. GREENWOOD, Joseph DELQUADRI (Juniper Gardens Children's Project - Kansas City), Judith J. CARTA (University of Kansas - Kansas City) **The Effects of Classwide Peer Tutoring on Gain and Standardized Achievement: A Longitudinal, Experimental-Control Group Design**
Joseph DELQUADRI (Juniper Gardens Children's Project - Kansas City) **The Role of Classwide Peer Tutoring in Reading Acquisition**
Dale WALKER, Noa ACHI-DROR (Juniper Gardens Children's Project - Kansas City) **Replication of Classwide Peer Tutoring in Israel**
Debra CHENEY (Logan City School District - Logan, UT) **Social and Academic Gains in Elementary Students as a Result of Academic Peer Tutoring**
Richard P. WEST, K. Richard YOUNG (Utah State University - Logan), Paul DEAYORA (Azusa Unified School District - Azusa, CA) **The Effects on Academic Performance of Peer Tutors Who Use Precision Teaching and Computerized Decision Making**

#500 12:00 PM - 12:20 PM SEMINAR A
EDC/INVITED ADDRESS/**Informal Learning: A Challenge for Behavior Analysts**
Stephen C. BITGOOD(Jacksonville State University - Jacksonville, AL), C. G. SCREVEN (University of Wisconsin - Milwaukee)

CHAIRPERSON: David B. PALUMBO (West Virginia University - Morgantown)

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#501 12:00 PM - 12:50 PM SALON 1
TPA/PAPER SESSION/
CHAIRPERSON: Barbara J. KAMINSKI (West Virginia University - Morgantown)

Thomas SKUTELLA (German Association for Behavior Analysis - Frankfurt, West Germany) **A Philosophical Investigation of Interference and Prevention in Relation to Causality**

Bryan D. MIDGLEY, Edward K. MORRIS (University of Kansas - Lawrence) **Inherently Passive or Inherently Active: Behaviorism's Treatment of the Organism**

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Patrick L. TOMBEAU (Ypsilanti Regional Psychiatric Hospital - Ypsilanti, MI) **The Use of Aversive Olfactory Conditioning to Decelerate Pedophilic Behaviors**

Patrick L. TOMBEAU, Nan K. HOLMES (Ypsilanti Regional Psychiatric Hospital - Ypsilanti, MI) **Positive Practice and "Shaming" to Decelerate Exhibitionistic Behaviors**

Peter A. HOLMES (Eastern Michigan University - Ypsilanti) **Controversial Therapy in a Community Mental Health Setting: Outcome Success vs. Image**

Mara CRAWFORD (Human Growth Center - Plymouth, MI) **The Use of Logs in Assisted Covert Sensitization**

#506 12:00 PM - 1:50 PM PHILADELPHIA SOUTH
OBM/PANEL DISCUSSION/**Behavioral Consulting from the Viewpoints of Business Representatives and Consultants**
MODERATORS: Richard M. O'BRIEN (Hofstra University - Hempstead, NY), Bill L. HOPKINS (University of Kansas - Lawrence)

Aubrey C. DANIELS (Aubrey Daniels & Associates, Inc. - Tucker, GA)

Russell JUSTICE (Eastman Kodak, Inc. - Rochester, NY)

Judith DORAN (Edward J.Feeney Associates-Redding, CT)

Carol A. SOLOMON (American Telephone and Telegraph Company - Middletown, NJ)

John W. SIMMS (American Telephone and Telegraph Company - Middletown, NJ)

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#507 12:00 PM - 1:50 PM WYNDHAM D
CMT/SYMPOSIUM/**Behavior Analysis and the Design of Intentional Communities: Will Walden Two Ever Exist?**
CHAIRPERSON: Tom WELSH (University of Kansas - Lawrence)

Leslie BURKETT (University of North Texas - Denton) **A Visitor's Perspective of the Twin Oaks Community**

MEMBERS (Communidad Los Horcones - Hermosillo, Mexico) **Designing a Behavioral Culture: Successes and Challenges for Communidad Los Horcones**

Debbie ALTUS, Tom WELSH, Keith MILLER (University of Kansas - Lawrence) **Creating a Behavioral Culture in a Student Housing Cooperative**

Tom WELSH, Debbie ALTUS, Keith MILLER (University of Kansas - Lawrence) **How Can We Make a Behavioral Approach to the Design of Culture Popular?**

#508 12:00 PM - 1:50 PM WYNDHAM D
EDC/SYMPOSIUM/**Generalization: Some Contributions of Stimulus Equivalence and Direct Instruction**
CHAIRPERSON: Dan HURSH (West Virginia University - Morgantown)
DISCUSSANT: Galen ALESSI (Western Michigan University - Kalamazoo)
Genae HALL, Dan HURSH (West Virginia University - Morgantown) **Generating Emergent Relations: A Conceptual Analysis of StimulusEquivalence, Direct Instruction, and Verbal Behavior Approaches**
Larry STODDARD (E. K. Shriver Center - Waltham, MA) **Teaching Money Skills with Stimulus Equivalence, Exclusion, and Component Matching Methods: Programming for Generalization**
Diane BORIERO (Mt. Pleasant Blythdale - Valhalla, NY), Mary GLEASON, Douglas CARNINE (University of Oregon - Eugene) **Transfer of Teacher and Computer Delivered Direct Instruction**
Dan HURSH, Genae HALL (West Virginia University - Morgantown) **The Use of Stimulus Equivalence and Direct Instruction to ProduceEmergent Relations**

#509 12:30 PM - 12:50 PM SEMINAR A
EDC/INVITED ADDRESS/**Reducing Litter on the School Grounds**
G. Roy MAYER (California State University - Los Angeles)
CHAIRPERSON: David B. PALUMBO (West Virginia University - Morgantown)

********* CANADA **********
#510 12:30 PM - 12:50 PM SEMINAR B
VRB/INVITED ADDRESS/**A Wine Taster's Guide to Being an Audiophile**
John L. WILLIAMS (University of Waterloo - Waterloo, Ontario)
CHAIRPERSON: Cloyd HYTEN (University of North Texas - Denton)
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#511 12:30 PM - 2:00 PM CONFERENCE CENTER BALLROOM
POSTER SESSION #6

#512 1:00 PM - 1:20 PM SALON 1
TOX/INVITED ADDRESS/**Real Estate in Behavioral Analysis: Reinforcing "Properties" of Stimuli**
John R. HUGHES, Stephen T. HIGGINS, Warren K. BICKEL (University of Vermont - Burlington)
CHAIRPERSON: Stephen P. STARIN (Western Michigan University - Kalamazoo)

#513 1:00 PM - 1:50 PM SALON 6
DDS/INVITED ADDRESS/**Project Ecosystems: Treating Families with High Risk Developmentally Disabled Children**
Randy V. CAMPBELL, John R. LUTZKER (California School of Professional Psychology - Los Angeles)
CHAIRPERSON: Eric V. LARSSON (The May Institute - Chatham, MA)

#514 1:00 PM - 1:50 PM WYNDHAM A
TPA/PAPER SESSION/
CHAIRPERSON: W. Scott WOOD (Drake University - Des Moines, IA)

Susan M. SCHNEIDER, Edward K. MORRIS (University of Kansas - Lawrence) **On Verplanck (1954) on Skinner (1938): A Retrospective Analysis**

Paul WHITLEY (Western Michigan University - Kalamazoo) **The Bertrand Russell Connection: Skinner's Verbal Behavior and An Inquiry into Meaning and Truth**

#515 1:00 PM - 1:50 PM SEMINAR A
EDC/PAPER SESSION/
CHAIRPERSON: John H. HUMMEL (University of Houston-Downtown - Houston, TX)

Frank W. KOHLER, Phillip S. STRAIN (University of Pittsburgh - Pittsburgh, PA) **Peer-Mediated Interventions: Early Promises, Notable Achievements, and Future Aspirations**

Kathleen M. DRAKE, Judith M. LEBLANC (University of Kansas - Lawrence) **Delayed Cue: Sometimes It Works, Sometimes It Doesn't**

#516 1:00 PM - 1:50 PM SALON 3/4
COM/COMPUTER LAB/**MEDSKED - A Sked-like Experimental Control System for the IBM PC**

Thomas A. TATHAM (Mount Union College - Alliance, OH)
CHAIRPERSON: Robert N. WOLL (N. Woll Inc. - San Jose, IL)

#517 1:00 PM - 1:50 PM SALON 9
EXP/INVITED ADDRESS/**Interaction Effects in (Applied) Behavior Analysis**
David G. BORN (University of Kansas - Lawrence)
CHAIRPERSON: Michael J. DEWULF (Utah State University - Logan)

#518 1:00 PM - 2:20 PM PHILADELPHIA NORTH
EDC/SYMPOSIUM/**A Predictor of Effective Schooling: The Three-Term Contingency Trial**
CHAIRPERSON: R. Douglas GREER (Columbia University Teachers College - New York, NY)
DISCUSSANT: Beth SULZER-AZAROFF (University of Massachusetts - Amherst)

Amy ALBERS (Columbia University Teachers College - New York, NY) **Is the Critical Measure of Effective Schooling a Three-Term Contingency?**

Nan MCCORKLE, Laura DOROW (Fred S. Keller School - Yonkers, NY) **Responses of Preschoolers to Instructional Trials Presented with and without Establishing Operations**

R. Douglas GREER (Columbia University Teachers College - New York, NY) **School Level Assessment of the Three-Term Contingency Trial**

#519 1:00 PM - 2:50 PM SEMINAR B
ETH/SYMPOSIUM/**Radical Behaviorists Look at Contingencies of Reinforcement in Non-Capitalist Countries**
CHAIRPERSON: Joseph E. MORROW (California State University - Sacramento)
DISCUSSANT: James G. HOLLAND (University of Pittsburgh - Pittsburgh, PA)

Robert G. JENSEN (California State University - Sacramento) **The Soviet Union**

Richard F. RAKOS (Cleveland State University - Cleveland, OH) **Eastern Europe**

John A. BARLOW (CUNY, Kingsborough Branch - Brooklyn, NY) **Peoples Republic of China**

Jerome D. ULMAN (Ball State University - Muncie, IN) **Nicaragua**

#520 1:00 PM - 2:50 PM WYNDHAM C
DDS/PANEL DISCUSSION/**Behavioral Research and Services for Preschool Children with Autism**
MODERATOR: J. Gregory OLLEY (The Groden Center, Inc. - Providence, RI)
Glen DUNLAP (Marshall University - Huntington, WV)
Carl J. DUNST (Western Carolina Center - Morganton, NC)
Susan E. STEVENSON (The Groden Center, Inc. - Providence, RI)
Andrew S. BONDY (Delaware State Autistic Programs - Newark)
Michael D. POWERS (University of Maryland - College Park)

#521 1:30 PM - 1:50 PM SALON 1
TOX/INVITED ADDRESS/**Acquisition and Performance of Response Chains: Modulation by Environmental and Pharmacological Factors**
Warren K. BICKEL, Stephen T. HIGGINS (University of Vermont - Burlington)
CHAIRPERSON: Stephen P. STARIN (Western Michigan University - Kalamazoo)

#522 1:30 PM - 2:50 PM SALON 10
TPA/SYMPOSIUM/**Communicating with Mainstream Psychology: Some Contingencies of Survival for Young Professionals**
CHAIRPERSONS: Thomas S. CRITCHFIELD (West Virginia University - Morgantown), Ilene S. SCHWARTZ (University of Kansas - Lawrence)
DISCUSSANT: Kerry CRIST (Training and Employment Institute - Washington, DC)
James A. DINSMOOR (Indiana University - Bloomington)
All Psychologists Are Not Behavior Analysts
Joel GREENSPOON(University of North Texas - Denton), James OLSON (University of Texas, Permian Basin - Odessa)
Data Language and the Mainstream of Psychology
M. Jackson MARR (Georgia Institute of Technology - Atlanta) **"Like to an Enter'd Tide"**

#523 1:30 PM - 2:50 PM SALON 5
BEM/PANEL DISCUSSION/**Opportunities for Behavior Analysis in the Rehabilitation of the Traumatically Brain Injured Person**

MODERATORS: Mark PAVLOVICH (CARESYSTEMS, Inc. - Highland, IN), John W. SCIBAK (New Medico Associates, Inc. - Northampton, MA)
Debra BRAUNLING-MCMORROW (Center for Comprehensive Services, Inc. - Carbondale, IL)
Gina S. GREEN (Southern Illinois University - Carbondale)
Bob HOGAN (NeuroCare, Inc. - Poway, CA)
Kathy MADIGAN (Modesto Psychiatric Center-Modesto, CA)

#524 2:00 PM - 2:20 PM SALON 6
TOX/INVITED ADDRESS/**The Behavioral Toxicology of Solvents**
John R. GLOWA (Biological Psychiatry, NIMH-Bethesda, MD)
CHAIRPERSON: Deborah GROSSETT (Shapiro Developmental Center - Kankakee, IL)

#525 2:00 PM - 2:20 PM SEMINAR A
EDC/PAPER/**Use of Generative Strategies in Training Moral Behavior**
Andrew D. SHAM RAO (Whitman College - Walla Walla, WA)
CHAIRPERSON: Jeff COREY

********* CANADA **********

#526 2:00 PM - 2:20 PM SALON 9
EXP/INVITED ADDRESS/**The Matching Law: A Generalized Proportion Equation**
W. David PIERCE, C. Donald HETH (The University of Alberta - Edmonton)
CHAIRPERSON: Philip J. BERSH (Temple University - Philadelphia, PA)
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#527 2:00 PM - 2:50 PM PHILADELPHIA SOUTH
OBM/INVITED ADDRESS/**The Effects of "Individual Difference" Variables and a VI Schedule of Reinforcement on Task Performance**
W. E. SCOTT, Jr., Brian MIEHOFF (Indiana University - Bloomington)
CHAIRPERSON: Rodney E. REALON (Western Carolina Center - Morganton, NC)

#528 2:00 PM - 2:50 PM SALON 3/4
COM/COMPUTER LAB/**Things that Are Useful to Know in Using the Apple II in Behavioral Research**
Daniel T. CERUTTI (Temple University - Philadelphia, PA)
CHAIRPERSON: Marylynn WAGONER (Temple University - Philadelphia, PA)

#529 2:00 PM - 2:50 PM WYNDHAM B
DDS/INVITED ADDRESS/**Assessment Strategies for the Functional Analysis of Severe Behavior Problems**
Gary W. LAVIGNA, Thomas J. WILLIS (Institute for Applied Behavior Analysis - Los Angeles, CA)
CHAIRPERSON: Lynn E. MCCLANNAHAN (Princeton Child Development Institute - Princeton, NJ)

#530 2:00 PM - 2:50 PM WYNDHAM D
TPA/INVITED ADDRESS/**1929 and All That**
Thom VERHAVE (Queens College, CUNY - Flushing, NY)

#531 2:00 PM - 3:50 PM WYNDHAM A
TPA/SYMPOSIUM/**History, Philosophy, and Behavior Analysis**
CHAIRPERSONS: James T. TODD, Edward K. MORRIS (University of Kansas - Lawrence)
Stephen R. COLEMAN (Cleveland State University - Cleveland, OH) **What Does the History of Psychology Have on Sale Today?**
Willard F. DAY (University of Nevada - Reno) **On the Plagiarism of Behaviorism by Philosophy**
Linda J. HAYES (University of Nevada - Reno) **The Psychological Present**

#532 2:00 PM - 3:50 PM SALON 1
TPA/SYMPOSIUM/**Conceptual, Technological, Instructional and Clinical Aspects of Self-Experimentation**
CHAIRPERSON: Blaine PEDEN (University of Wisconsin - Eau Claire)
DISCUSSANT: Allen NEURINGER (Reed College - Portland, OR)
Sigrid S. GLENN, Irene GROTE (University of North Texas - Denton) **Self-Experimentation in Science**
Gene D. STEINHAUER (Artificial Behavior, Inc. - Berkeley, CA) **Computer-Assisted Self-Observation**
Blaine PEDEN (University of Wisconsin - Eau Claire)

Self-Experimentation as a Teaching Tool
Betty K. ARMSTRONG (Timberlawn Psychiatric Hospital - Dallas, TX) **Self-Experimenting through Therapy**

#533 2:30 PM - 2:50 PM SEMINAR A
EDC/INVITED ADDRESS/**Applying Direct Instruction to College Courses**
Stephen A. GRAF, Christopher SWEENEY (Youngstown State University - Youngtown, OH)
CHAIRPERSON: Jeff COREY

#534 2:30 PM - 2:50 PM SALON 6
TOX/INVITED ADDRESS/**Conditioned Taste Aversion as a Baseline for Studying Drug Discrimination**
Irwin LUCKI (Veterans Administration Hospital - Philadelphia, PA)
CHAIRPERSON: Deborah GROSSETT (Shapiro Developmental Center - Kankakee, IL)

#535 2:30 PM - 2:50 PM SALON 9
EXP/INVITED ADDRESS/**Extinction: What Does It Tell Us about Response Strength?**
Timothy F. ELSMORE(Walter Reed Army Institute of Research - Washington, DC), Roger L. MELLGREN (University of Oklahoma - Norman)
CHAIRPERSON: Philip J. BERSH (Temple University - Philadelphia, PA)

#536 2:30 PM - 3:50 PM PHILADELPHIA NORTH
EDC/SYMPOSIUM/**Innovations in Instructional Design for Problem Solving and for Reading and Spelling Repertoires**
CHAIRPERSON: Theodore A. HOCH (West Virginia University - Morgantown)
DISCUSSANT: Philip N. HINELINE (Temple University - Philadelphia, PA)
Guy S. BRUCE (West Virginia University - Morgantown) **Problem Solving: A Behaviorological Analysis with Implications for Instruction**
David B. PALUMBO(West Virginia University - Morgantown), Tania Fak PALUMBO (St. Francis High School - Morgantown, WV) **A Microcomputer Based Application to Teach a General Problem Solving Strategy for Specific Problem Situations**

Theodore A. HOCH (West Virginia University - Morgantown) **Combining Minimal Units of Verbal Behavior Established through Stimulus Equivalence Procedures**

#538 3:00 PM - 3:20 PM SALON 6
TOX/INVITED ADDRESS/**Transitions in Concurrent Responding: Effects of d-amphetamine**
John ZIRIAX (University of Rochester - Rochester, NY)
CHAIRPERSON: Vincent HODGE (Western Michigan University - Kalamazoo)

#539 3:00 PM - 3:20 PM SALON 9
EXP/PAPER/**Quantification of Variability in Behavioral Data**
Clyde W. HODGE, James M. JOHNSTON (Auburn University - Auburn, AL)
CHAIRPERSON: Mark E. PEVEY (Emory University-Atlanta, GA)

#540 3:00 PM - 3:50 PM PHILADELPHIA SOUTH
OBM/INVITED ADDRESS/**Performance Analysis Simulation: Update and Student Data**
Phillip K. DUNCAN (West Chester University - West Chester, PA)
CHAIRPERSON: Alyce M. DICKINSON (Western Michigan University - Kalamazoo)

#541 3:00 PM - 3:50 PM SALON 3/4
COM/COMPUTER LAB/**Watching Data Closely: A Turbo Pascal Program for Automatic, Continuous Plotting of Human Behavior**
Fernando Cesar CAPOVILLA (Temple University - Philadelphia, PA)
CHAIRPERSON: Daniel T. CERUTTI (Temple University - Philadelphia, PA)

#542 3:00 PM - 3:50 PM SEMINAR A
EDC/INVITED ADDRESS/**A Self-Management Training Package for Improving Generalization of Social/Affective Behaviors of Behaviorally Disordered Students**
Chris NINNESS, Roger RUTHERFORD (Denton Independent School District - Denton, TX)
CHAIRPERSON: Donald A. HANTULA (Johns Hopkins University School of Medicine - Baltimore, MD)

#543 3:00 PM - 3:50 PM SEMINAR B
ETH/PAPER SESSION/
CHAIRPERSON: Dale WALKER (Juniper Gardens Children's Project - Kansas City)
Peter A. LAMAL (University of North Carolina - Charlotte) **The Impact of Behaviorism on Our Culture: Some Evidence and Conjectures**
Richard J. ZAWLOCKI(New Medico Head Injury System - Center Ossippe, NH), Richard T. WALLS (West Virginia University - Morgantown) **Transfer of Stimulus Control across Discrimination Paradigms**

#544 3:00 PM - 3:50 PM SALON 5
BCI/INVITED ADDRESS/**Strategies for Change: An Ecological Perspective in the Use of Self-Control with the Population with Developmental Disabilities**
June GRODEN, Anne PENTECOST, Susan E. STEVENSON, Patricia LEVASSEUR (The Groden Center, Inc. - Providence, RI)
CHAIRPERSON: Helen D. PRATT (Kalamazoo Regional Psychiatric Hospital - Kalamazoo, MI)

#545 3:00 PM - 3:50 PM WYNDHAM B
DDS/INVITED ADDRESS/**Etiological Factors, Treatment of Choice, and the Aversive/Nonaversive Component: Two Case Studies of Severe SIB**
Raymond G. ROMANCZYK (State University of New York - Binghamton)
CHAIRPERSON: Judith J. CARTA (University of Kansas - Kansas City)

#546 3:00 PM - 4:20 PM SALON 1
DDS/PANEL DISCUSSION/**Mission Impossible? Preserving a Teaching Structure in Community Based ICF's without any Staff!**
MODERATOR: Howard C. SCHNEIDER (L.I. Assoc. for Children with Learning Disabilties - Westbury, NY)
William BRYSON-BROCKMAN (Association for Children with Learning Disabilities - Westbury, NY)
David ROLL (C. W. Post College - Greenvale, NY)
Peter BLECHMAN (Opengate, Inc. - Somers, NY)
Michael F. DARCY (Suffolk Child Development Center - Smithtown, NY)

#547 3:00 PM - 4:50 PM SALON 10
BCI/SYMPOSIUM/**Federal Funding for Behavioral Research: Ways and Means**
CHAIRPERSON: Charles MERBITZ (Rehabilitation Institute of Chicago - Chicago, IL)
DISCUSSANTS: Todd R. RISLEY (University of Alaska - Anchorage), Travis THOMPSON (University of Minnesota - Minneapolis)
Norman A. KRASNEGOR (National Institute of Child Health & Human Development - Bethesda, MD) **Behavioral Research at the National Institute of Child Health and Human Development**
David GRAY (National Institute on Child Health & Human Development - Washington, DC) **Learning Disabilities: Opportunities for Behavior Research**
Elsie M. PINKSTON (University of Chicago - Chicago, IL) **The Peer Reviewer Perspective**
Brian A. IWATA (University of Florida - Gainesville) **Study Selection Activities**

#548 3:30 PM - 3:50 PM SALON 9
EXP/INVITED ADDRESS/**Classical and Operant Aspects Underlying Negative Automaintenance in the White Carneaux Pigeon**
Michael D. BLAIR, Roger MCINTIRE (University of Maryland - College Park)
CHAIRPERSON: Mark E. PEVEY (Emory University - Atlanta, GA)

#549 3:30 PM - 3:50 PM SALON 6
TOX/INVITED ADDRESS/**Behavioral Effects of Anticholinergic Compounds in Animals and Humans**
David M. PENETAR (Walter Reed Army Institute of Research - Washington, DC)
CHAIRPERSON: Vincent HODGE (Western Michigan University - Kalamazoo)

#550 4:00 PM - 4:20 PM SALON 6
TOX/INVITED ADDRESS/**The Behavioral Effects of Chlordiazepoxide, Buspirone, Gepirone and BCCE on Responding Maintained by Intramuscular Cocaine Injection or Food Presentation in the Squirrel Monkey**
Michael A. NADER, James E. BARRETT (Uniformed Services University of the Health Sciences - Bethesda, MD)

CHAIRPERSON: Rodney D. CLARK (Western Michigan University - Kalamazoo)

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#551 4:00 PM - 4:20 PM SALON 1
TPA/PAPER/**Cross-cultural Investigations of Response Style: A Preliminary Report**
Maria Lucia FERRARA (University of Sao Paulo - Sao Paulo, Brazil), Peter HARZEM, Jorge M. DE OLIVEIRA CASTRO (Auburn University - Auburn, Al)
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#552 4:00 PM - 4:50 PM SALON 9
DDS/INVITED ADDRESS/**The Family Approach to Naturalistic Teaching of Severely Retarded and Autistic Children**
Judith M. LEBLANC (University of Kansas & Centro de Educacion Especial "Ann Sullivan"), Liliana MAYO, Rosario FERRANDIZ (Centro de Educacion Especial "Ann Sullivan" - Lima, Peru)
CHAIRPERSON: Deborah GROSSETT (Shapiro Developmental Center - Kankakee, IL)

#553 4:00 PM - 4:50 PM WYNDHAM A
TPA/INVITED ADDRESS/**Some Historical and Conceptual Relations among Logical Positivism, Cognitive Psychology, and Behaviorism**
Jay MOORE (University of Wisconsin - Milwaukee)
CHAIRPERSON: Patrick M. GHEZZI (University of Arizona - Tucson)

#554 4:00 PM - 4:50 PM SEMINAR A
TPA/INVITED ADDRESS/**Evaluating Hands-on Experience: Rat Lab to Piagetian Interview**
Ellen P. REESE (Mount Holyoke College - South Hadley, MA)
CHAIRPERSON: Richard A. POLSTER (University of Texas - Arlington)

#555 4:00 PM - 4:50 PM SALON 5
STF/INVITED ADDRESS/**Staff Development in Human Services: Current Findings, Current Issues**
Gail S. BERNSTEIN (University of Colorado School of Medicine - Denver)
CHAIRPERSON: Deborah E. ALTUS (University of Kansas - Lawrence)

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#556 4:00 PM - 4:50 PM PHILADELPHIA NORTH
TPA/INVITED ADDRESS/**Computer-Aided Behavioral Engineering: What It Is and Why We Need It**
Joseph J. PEAR, W. KINSNER (University of Manitoba - Winnipeg)
CHAIRPERSON: Barbara J. KAMINSKI (West Virginia University - Morgantown)
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#557 4:00 PM - 4:50 PM PHILADELPHIA SOUTH
OBM/INVITED ADDRESS/**OBM Lifetime Achievement Award Presentation**
Recipient: Aubrey C. DANIELS (Aubrey Daniels & Associates, Inc. - Tucker, GA)
Presenter: William K. REDMON (Western Michigan University - Kalamazoo)

#558 4:00 PM - 4:50 PM SALON 10
TPA/INVITED ADDRESS/**Why I Am a Cognitive Psychologist (and an Analyst of Behavior)**
Peter HARZEM (Auburn University - Auburn, AL)
CHAIRPERSON: Susan M. SCHNEIDER (University of Kansas - Lawrence)

#559 4:00 PM - 4:50 PM SEMINAR B
EDC/SYMPOSIUM/**Ecobehavioral Engineering for Educational and Treatment Settings**
CHAIRPERSONS: Saul AXELROD (Temple University - Philadelphia, PA), Hewitt B. CLARK (FMHI, University of South Florida - Tampa)
DISCUSSANT: Stephen R. SCHROEDER (Ohio State University - Columbus)

Matthew R. REESE, Debra LEDER (Caswell Center - Kinston, NC), Stephen R. SCHROEDER (Ohio State University - Columbus) **Ecobehavioral Analysis of Environments for Leisure Time Activity for People with Severe and Profound Retardation**

Hewitt B. CLARK, Craig ICHINOSE (FMHI, University of South Florida - Tampa) **Ecobehavioral Engineering: A Review of the State-of-the-Art**

********** MEXICO **********

#560 4:00 PM - 4:50 PM SALON 3/4
EXP/PAPER/**Commodore 64 Computer Programs for First- and Second-order Conditional Discrimination Research in Humans**
Hector MARTINEZ SANCHEZ, Eduardo PENALOSA (Human Learning Project, National University of Mexico - Iztacala, Mexico)
CHAIRPERSON: Richard W. COUCH (Kansas City School District - Kansas City, MO)

********** CANADA **********

#561 4:00 PM - 4:50 PM WYNDHAM B
DDS/INVITED ADDRESS/**Recreating the Scene: An Effective Way to Provide Delayed Punishment**
Ron VAN HOUTEN(Mount Saint Vincent University - Halifax, Nova Scotia), Ahmos ROLIDER (Surrey Place Centre - Toronto, Ontario)
CHAIRPERSON: Ron VAN HOUTEN (Mount Saint Vincent University - Halifax, Nova Scotia)
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#562 4:30 PM - 4:50 PM SALON 6
TOX/INVITED ADDRESS/**Cocaine Tolerance under Variable Schedules of Reinforcement**
Marc N. BRANCH (University of Florida - Gainesville)
CHAIRPERSON: Rodney D. CLARK (Western Michigan University - Kalamazoo)

#563 5:00 PM - 5:50 PM WYNDHAM CD
TPA/PANEL DISCUSSION/**Selection by Consequences: Biological, Behavioral and Cultural**
MODERATOR: Barbara C. ETZEL (University of Kansas - Lawrence)
Stephen Jay GOULD (Harvard University - Cambridge, MA)
B. F. SKINNER (Harvard University - Cambridge, MA)
Marvin HARRIS (University of Florida - Gainesville)

#564 6:00 PM - 6:50 PM SEMINAR A
CMT/MEETING/**Building a Walden Two Community Organizing Meeting**
CHAIRPERSON: Leslie BURKETT (University of North Texas - Denton)

This informal meeting is for those who want to start building a Walden Two community. Ideas and suggestions will be welcomed, a newsletter will be started, and those who are willing to experiment with cultural design will discuss plans.

#565 6:00 PM - 6:50 PM SALON 2
GRN/MEETING/**Behavioral Gerontology SIG**
CHAIRPERSON: Kathryn L. BURGIO (Gerontology Research Center - Baltimore, MD)

Open meeting for those interested in behavioral gerontology.

#566 6:00 PM - 6:50 PM SALON 5
TPA/MEETING/**Chairing the Academic Department: A Behavioral Perspective**
CHAIRPERSONS: Larry A. ALFERINK(Illinois State University - Normal), David O. LYON (Western Michigan University - Kalamazoo)

A discussion of the problems faced by department chairs, deans and other administrators and solutions to these problems based on an understanding of behavior. Department chairs and other interested persons are invited to attend.

#567 6:00 PM - 6:50 PM SALON 6
EXP/MEETING/**Experimental Analysis of Human Behavior Special Interest Group**
CHAIRPERSONS: Philip N. CHASE, Michael PERONE (West Virginia University - Morgantown)

All EAHB SIG members and other interested persons are invited to attend this meeting to discuss the organization of the SIG as well as current topics and trends in the experimental analysis of human behavior.

#568 6:00 PM - 6:50 PM SEMINAR B
COM/MEETING/**Computer Users SIG**
CHAIRPERSONS: Charles MERBITZ(Rehabilitation Institute of Chicago - Chicago, IL), Thomas A. TATHAM (Mount Union College - Alliance, OH)

Business meeting of the computer applications area. SIG members and other interested persons are invited to attend to discuss services and activities for 1989.

#569 6:00 PM - 6:50 PM SALON 9
TPA/MEETING/**Interbehaviorists in ABA SIG**
CHAIRPERSON: Linda J. HAYES (University of Nevada - Reno)
Interbehaviorism is a philosophy of science, and of the science of psychology in particular, distinguished by its conceptualization of natural events as participants in a continuously evolving, integrated field. The purpose of the meeting is to allow members of ABA adhering to this philosophy an opportunity to discuss issues of common interest and to plan activities for the upcoming year. The meeting is open to anyone interested.

#570 6:00 PM - 7:50 PM SALON 1
OBM/MEETING/**Corporate Technology Transfer Task Force**
CHAIRPERSON: Edward L. ANDERSON (Venture Capitalist -)

#571 6:00 PM - 7:50 PM SALON 10
OTH/MEETING/**National, Regional, State, and Local Chapter Organizers Meeting**
CHAIRPERSONS: Saul AXELROD (Delaware Valley Association for Behavior Analysis - Philadelphia, PA), Hewitt B. CLARK (Florida Association for Behavior Analysis - Tampa), Mary Ann POWERS (Northern California Association for Behavior Analysis -)
The purpose of the meeting is to provide organizers of NRSL Chapters an opportunity to discuss common interests including networking, conference planning, invited speakers, and political action. Anyone interested in starting a Chapter is also invited to attend.

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#572 6:00 PM - 7:50 PM PHILADELPHIA NORTH
EXP/MEETING/**Standard Celeration Chart Data Sharing**
CHAIRPERSONS: Claudia MCDADE (Jacksonville State University - Jacksonville, AL), James POLLARD (New Medico Associates - Lowell, MA), Michael MALONEY (Quinte Learning Centre - Belleville, Ontario), Stephen GRAF (Youngstown State University - Youngstown, OH)
The meeting will provide all interested individuals with a chance to see and/or share information across the spectrum of behavior using Standard Celeration Charts. Featured participants: Beatrice BARRETT, Carl BINDER, Ann DESJARDINS, John ESHLEMAN, Matthew ISRAEL,

Kent JOHNSON, Kathleen LIBERTY, Ogden LINDSLEY, Chris MASON, Pat MCGREEVY, Charles MERBITZ, Libby NESSELROAD STREET, Charles OLANDER, Hank PENNYPACKER, Betty WALLS, Owen WHITE.

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programs for applied behavior analysts working within the area of "clinical Psychology." Clinical behavior analysts work in private practice, institutional settings, and community programs as well as other settings. Of current concern is the establishment of licensure/certification procedures for those working as clinical behavior analysts.

#576 7:00 PM - 7:50 PM SALON 9
EDC/MEETING/EDUCATION AND TREATMENT OF CHILDREN
Editorial Review Board
CHAIRPERSONS: Dan HURSH(West Virginia University - Morgantown), Robert F. DICKIE (California University of Pennsylvania - California, PA)

An open meeting to discuss the policies and procedures of ETC. All editors, associate editors, review board members, and interested others are invited to attend and participate. ETC publishes manuscripts that address trends and issues in Behavior Analysis both rationally and empirically.

#577 7:00 PM - 7:50 PM SALON 6
VRB/MEETING/**Verbal Behavior Special Interest Group**
Annual Business Meeting
CHAIRPERSON: Mark L. SUNDBERG (Sundberg and Associates - Concord, CA)

Verbal behavior is an important area for behavior analysis, especially since so many aspects of modern society involve verbal behavior. At this year's meeting, we will discuss some of the current issues in verbal behavior research and instruction. Volume 6 of the SIG's journal "The Analysis of Verbal Behavior" will be available. Agenda items include financial, membership, and journal reports, as well as journal Editorial Board nominations. All ABA members are invited to attend.

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#578 8:00 PM - 10:00 PM CONFERENCE CENTER BALLROOM
BEHAVIOR ANALYSIS AROUND THE WORLD!
A GALA EVENT Organized by the International Committee
Behavior Analysis in Arequipa, Peru: 1977 to Date
Tito E. CUENTAS (National University of San Augustin - Arequipa, Peru)

>>>>>>>>>>>>>> SUNDAY, MAY 29 1988 <<<<<<<<<<<<<<

#600 8:30 AM-10:00 AM CONFERENCE CENTER BALLROOM
Poster Session #8

#601 9:00 AM - 9:50 AM SALON 9
SBA/INVITED ADDRESS/**Shaping Shaping: A Video-Training Program for Behavior Trainers**
E. Clarice HALL (Florida A&M University - Tallahassee)
CHAIRPERSON: Anne E. WILSON (Ohio State University - Columbus)

#602 9:00 AM - 9:50 AM WYNDHAM C
TOX/INVITED ADDRESS/**Neuroleptics Produce within Session Response Decrements: Facts and Theories**
Stephen C. FOWLER (University of Mississippi - University)
CHAIRPERSON: Kimberly C. KIRBY (Duke University - Durham, NC)

#603 9:00 AM - 9:50 AM WYNDHAM A
TPA/INVITED ADDRESS/**Contingencies of Corruption II: The Politician as Reinforcer Thief**
Mark Kane GOLDSTEIN(University of Florida - Gainesville),
Henry S. PENNYPACKER (The Mammatech Corp. - Gainesville)
CHAIRPERSON: Sherman YEN (Applied Research & Management, Inc. - Owings Mill, MD)

#604 9:00 AM - 9:50 AM SALON 4
VRB/INVITED ADDRESS/**Psycholinguistic Data that Support Skinner's Continuity Theory vs. Chomsky's Theory of Language as a Special, Innate Modality**
James G. HOLLAND (University of Pittsburgh - Pittsburgh, PA)
CHAIRPERSON: Jay MOORE (University of Wisconsin - Milwaukee)

#605 9:00 AM - 9:50 AM SEMINAR A
TPA/INVITED ADDRESS/**The Egalitarian Society: Is It Possible in a Behavioral World?**
Richard F. RAKOS (Cleveland State University - Cleveland, OH)

CHAIRPERSON: Thomas M. WELSH (University of Kansas - Lawrence)

#606 9:00 AM - 9:50 AM SEMINAR B
TPA/INVITED ADDRESS/**Autocorrelation: A Decade of Controversy**
Bradley E. HUITEMA (Western Michigan University - Kalamazoo)
CHAIRPERSON: Beth W. THOMAS (Auburn University - Auburn, AL)

#607 9:00 AM - 9:50 AM WYNDHAM D
ETH/INVITED ADDRESS/**The Behavior Analyst's Code of Ethics: A Modest Proposal**
Jon S. BAILEY (Florida State University - Tallahassee)
CHAIRPERSON: John H. HUMMEL (University of Houston-Downtown - Houston, TX)

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#608 9:00 AM - 10:20 AM SALON 10
CMT/SYMPOSIUM/**Behavior Analysis in Rehabilitation and Self-Help**
CHAIRPERSON: R. Mark MATHEWS (University of Kansas - Lawrence)
DISCUSSANT: Leonard A. JASON (DePaul University - Chicago, IL)

John F. SMITH (University of Waikato - Hamilton, New Zealand), Stephen B. FAWCETT, R. Mark MATHEWS (University of Kansas - Lawrence) **Training for Self-Change and Personal Empowerment**

Fabricio E. BALCAZAR, Stephen B. FAWCETT (University of Kansas - Lawrence) **Developing Competence in Recruiting Help: Mentoring as Reinforcement Trapping**

Yolanda Suarez DE BALCAZAR, Adrienne PAINE, Stephen B. FAWCETT (University of Kansas - Lawrence) **Behavioral Assessment of Support Behaviors and Supportive Interactions among Members of Self-Help Groups**

Adrienne PAINE, Yolanda Suarez DE BALCAZAR, Stephen B. FAWCETT (University of Kansas - Lawrence) **Building Competence in Leaders of Self-Help Groups**

R. Mark MATHEWS (University of Kansas - Lawrence) **Identifying New Markets for Behavioral Interventions: Aging and Independent Living**

#609 9:00 AM - 10:50 AM PHILADELPHIA SOUTH
BEM/SYMPOSIUM/**Swallowing, Eating, and Related Behavior Problems of Young Children in Family, Hospital, and Residential School Settings**
CHAIRPERSON: R. Douglas GREER (Columbia University Teachers College - New York, NY)
DISCUSSANT: Brian A. IWATA (University of Florida - Gainesville)

Deborah CUSTER, Terry J. PAGE (Kennedy Institute & Johns Hopkins University - Baltimore, MD) **Treating Pediatric Feeding Disorders: A Competency-Based Parent Training Program**

Gladys WILLIAMS (Fred S. Keller School - Yonkers, NY), Janet TWYMAN (Margaret Chapman School - Hawthorne, NY), R. Douglas GREER (Columbia University Teachers College - New York, NY) **Treatment of Food Refusal in Institutional and Family Settings**

Nyla L. BROSI, R. Douglas GREER (Columbia University Teachers College - New York, NY) **Induction and Maintenance of Swallowing by Infants with Dysphagia**

R. Douglas GREER (Columbia University Teachers College - New York, NY), Russ ASNES (Columbia University College of Physicians and Surgeons - New York) **Treatment of Dysphagia through Peer-Mediated Observation Procedures**

Karen S. BUDD, Neil J. HOCHSTADT, Barbara CALABRESE, Tami MCGRAW, Robin FABRISZ, Darlene HAWKINS, (Illinois Institute of Technology & La Rabida Children's Hospital- Chicago) **Family Functioning with Children Who Have Organic and Nonorganic Feeding Disorders**

#610 9:00 AM - 10:50 AM SALON 5
COM/SYMPOSIUM/**Implementing Research with an Easy to Use, Inexpensive General Purpose Computer/Interface**
CHAIRPERSON: William L. PALYA (Jacksonville State University - Jacksonville, AL)
DISCUSSANT: Thomas A. TATHAM (Mount Union College - Alliance, OH)

William L. PALYA (Jacksonville State University - Jacksonville, AL) **Overview of Walter/Palya Experiment Controller Hardware and Software**

Richard L. SHULL (University of North Carolina - Chapel Hill) **From Relays to Computers: Travels of a Computer Virgin**

David A. ECKERMAN (University of North Carolina - Chapel Hill) **Using the Walter/Palya Board with an Apple IIe**
Lee COOPER (Psychiatric Institute of New York - New York, NY) **Using the Walter/Palya Board with a Mackintosh**
Mark E. PEVEY (Emory University - Atlanta, GA) **Using the Walter/Palya Board with an IBM PC**
William L. PALYA, Rick A. BEVINS (Jacksonville State University - Jacksonville, AL) **Users Group Meeting and System Demonstration**

#611 9:00 AM - 10:50 AM SALON 6
DDS/SYMPOSIUM/**Complex Models of Skill Generalization for Youth with Moderate and Severe Disabilities: A Further Expansion of the Paradigm**
CHAIRPERSON: Thomas G. HARING (University of California - Santa Barbara)
DISCUSSANT: David P. WACKER (University of Iowa - Iowa City)
Thomas G. HARING, Catherine BREEN, Richard LAITINEN, Florine BEDNERSH, Jan WEINER (University of California - Santa Barbara) **Teaching Generalized Meal Preparation Skills with Picture Prompts**
Thomas G. HARING, Catherine BREEN, Jan WEINER, Florine BEDNERSH ***(University of California - Santa Barbara) **The Effects of Concurrent vs. Serial Teaching Procedures on Generalization of Purchasing Skills**
Thomas G. HARING(University of California - Santa Barbara), Craig H. KENNEDY (University of Oregon - Eugene) **Units of Analysis in Task Analytic Research**

#612 9:00 AM - 10:50 AM SALON 3
EDC/PANEL DISCUSSION/**Precision Teaching in Higher Education**
MODERATOR: Ogden R. LINDSLEY (University of Kansas - Lawrence)
Patrick MCGREEVY (Southeast Missouri State University - Cape Girardeau)
James POLLARD (New Medico Associates - Lowell, MA)
Stephen A. GRAF (Youngstown State University - Youngstown, OH)
John ESHLEMAN (University of North Texas - Denton)
Claudia E. MCDADE (Jacksonville State University -

Jacksonville, AL)
Charles P. OLANDER (Jacksonville State University - Jacksonville, AL)
John A. BARLOW (CUNY - Kingsborough Branch - Brooklyn)

#613 9:00 AM - 10:50 AM PHILADELPHIA NORTH
DDS/SYMPOSIUM/**Community-Referenced Behavior Management for Persons with Severe Handicaps: A Nationwide Research and Training Project**
CHAIRPERSON and DISCUSSANT: Glen DUNLAP (Marshall University - Huntington, WV)
Richard W. ALBIN, Robert E. O'NEILL, Robert H. HORNER (University of Oregon - Eugene) **The Effects of Response Efficiency in Functional Equivalence Interventions**
Edward G. CARR, Jill C. TAYLOR, Sarah ROBINSON (State University of New York - Stony Brook) **Understanding Behavior Problems through the Analysis of Child Effects**
Pam HUNT, Morgen ALWELL, Lori GOETZ, Wayne SAILOR (San Francisco State University - San Francisco, CA) **Functional Communication Alternatives to Severe Problem Behavior**
Robert L. KOEGEL, Lynn KERN-KOEGEL (University of California - Santa Barbara), Laura SCHREIBMAN (University of California - San Diego), Merrilyn GOW (University of California - Santa Barbara) **Training Parents and Teachers in the Teaching of Pivotal Target Behaviors**

#614 9:00 AM - 10:50 AM WYNDHAM B
TPA/SYMPOSIUM/**The Future History of Behavior Analysis**
CHAIRPERSON: James M. JOHNSTON (Auburn University - Auburn, AL)
DISCUSSANT: Jack MICHAEL (Western Michigan University - Kalamazoo)
Philip N. HINELINE (Temple University - Philadelphia, PA) **Basic Research**
Donald M. BAER (University of Kansas - Lawrence) **Applied Research and Application**
M. Jackson MARR (Georgia Institute of Technology - Atlanta) **Conceptual Issues**

#615 10:00 AM - 10:20 AM SEMINAR A
TPA/PAPER/**Self-Control: A Euphemism for Willpower**
James N. OLSON (University of Texas, Permian Basin -

Odessa), Joel GREENSPOON (University of North Texas - Denton)
CHAIRPERSON: Bruce E. HESSE (California State University, Stanislaus - Turlock)

#616 10:00 AM - 10:50 AM WYNDHAM A
ETH/INVITED ADDRESS/**Incident Risk Management: Clipping the Legal Eagles' Wings**
Russell M. TYLER(Tyler & Assoc. - Brainerd, MN), Brent VAN DORSTEN (West Virginia University - Morgantown)
CHAIRPERSON: Brent VAN DORSTEN (West Virginia University - Morgantown)

#617 10:00 AM - 10:50 AM SALON 4
SBA/INVITED ADDRESS/**Improving Athletic Performance Through Psyching-Up, Relaxation, and "Mental" Rehearsal: Is It All Just Exposure?**
Richard M. O'BRIEN (Hofstra University - Hempstead, NY)
CHAIRPERSON: Anne E. WILSON (Ohio State University - Columbus)

#618 10:00 AM - 10:50 AM SEMINAR B
TPA/PAPER SESSION/
CHAIRPERSON: Barbara A. WANCHISEN (Baldwin-Wallace College - Berea, OH)
Susan M. SCHNEIDER (University of Kansas - Lawrence) **The Role of Contiguity in Free-Operant Unsignaled Delay of Positive Reinforcement: A Review**
Albert PRINCE (Marietta College - Marietta, OH) **Computerized Behavior Analysis of the Zeigarnik Effect**

#619 10:00 AM - 11:50 AM WYNDHAM C
TOX/SYMPOSIUM/**Neurobehavioral Pharmacology**
CHAIRPERSON: Steven I. DWORKIN (Louisiana State University School of Medicine - Shreveport)
DISCUSSANT: Marc N. BRANCH (University of Florida - Gainesville)
James E. BARRETT (Uniformed Services University of the Health Sciences - Bethesda, MD) **Neurochemical Correlates of Behavioral Processes**
James E. SMITH (Louisiana State University School of Medicine - Shreveport) **Behavioral Contingencies Determine Changes in Drug-Induced Neurotransmitter**

Turnover
Steven I. DWORKIN (Louisiana State University School of Medicine - Shreveport) **Neurotoxin Lesions and the Behavioral Effects of Drugs**
Nick E. GOEDERS (Louisiana State University School of Medicine - Shreveport) **Neurotransmitter Receptors andthe Behavioral Effects of Drugs**

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#620 10:00 AM - 11:50 AM WYNDHAM D
EDC/SYMPOSIUM/**International Public Health Education: Extending Behavior Analysis to Third World Countries**
CHAIRPERSON: E. Scott GELLER (Virginia Polytech Institute & State University - Blacksburg)
DISCUSSANT: Fred KELLER (University of North Carolina - Chapel Hill)
Judy GRAEFF(Academy for Educational Development - Washington, DC), Tony AGBOOLA (Health Com/Nigeria - Lagos, Nigeria) **Child Survival and International Development: A Case for Behavior Analysis**
Robert E. EVANS(Virginia Polytech Institute & State University - Blacksburg), T. A. KAMSON (Lagos State University - Lagos, Nigeria) **Meeting the Challenge of Collecting Behavioral Data in Third World Public Health Clinics**
Galen R. LEHMAN(Eastern Mennonite College - Harrisonburg, VA), E. Scott GELLER (Virginia Polytech Institute & State University - Blacksburg) **Contribution of PSI to Health Education in Nigeria**
Michael J. KALSHER, Kent E. GLINDEMANN, Mike GILMORE (Virginia Polytech Institute & State University) **Applications of Behavioral Technology to Evaluate Education in Nigerian Health Clinics**
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#621 10:00 AM - 11:50 AM SALON 9
GRN/SYMPOSIUM/**Structured Cognitive-Behavioral Approaches for Problemed Elderly**
CHAIRPERSON: Cathy L. MCEVOY (FMHI, University of South Florida - Tampa)
DISCUSSANT: Louis D. BURGIO (University of Pittsburgh School of Medicine - Pittsburgh, PA)
Larry W. DUPREE (FMHI, University of South Florida -

Tampa) **Training Elderly Alcohol Abusers in Self-Management Skills: Group Intervention**

Larry SCHONFELD (FMHI, University of South Florida - Tampa) **Behavioral Techniques in the Control of Tension and Pain**

James R. MOON (FMHI, University of South Florida - Tampa) **Current State of Loneliness Research in the Elderly**

Cathy L. MCEVOY, James R. MOON (FMHI, University of South Florida - Tampa) **Skills Training for Older Adults' Everyday Memory Problems**

#622 10:30 AM - 10:50 AM SEMINAR A
TPA/INVITED ADDRESS/**A Behavioral View of Soviet Psychology 1966-1986, and Now Glasnost**
Robert G. JENSEN, Joseph E. MORROW (California State University - Sacramento)
CHAIRPERSON: Jerome D. ULMAN (Ball State University - Muncie, IN)

#623 10:30 AM - 10:50 AM SALON 10
CMT/PAPER/**Deinstitutionalization: Opportunities and Dangers of Economic Downturn**
Robert G. SEWELL (MAT-SU Community Counseling Center - Anchorage, AK)
CHAIRPERSON: Deborah E. ALTUS (University of Kansas - Lawrence)

#624 10:30 AM - 12:00 PM CONFERENCE CENTER BALLROOM
Poster Session #9
OBM--COMPUTER APPLICATIONS IN BUSINESS & INDUSTRY

#1 Leslie A. WILK, William K. REDMON (Western Michigan University - Kalamazoo) **A Daily-Adjusted Goal Setting and Feedback Procedure for Performance Management**

#2 Ione MILANI (Universidade de Brasilia - Brasilia, DF) **An Application of Performance Analysis in a Food Cooperative**

#3 Keith STOREY, Dennis SANDOW, Nancy KNUTSON (University of Oregon - Eugene), Wendy TALIAFERRO (Oregon Employment Services Corporation - Portland) **Direct Observation of Social Interactions in Integrated Work Settings**

#5 Margaret T. MCGLINCHEY(Kalamazoo Public Schools - Kalamazoo, MI), Galen ALESSI (Western Michigan University

- Kalamazoo) **Stimulus Overselectivity: An Investigation of Determinants**

EDC--COMPUTER APPLICATIONS IN EDUCATIONAL TECHNOLOGY

#6 Richard W. COUCH, Christopher R. NELSON (Kansas City School DIstrict - Kansas City, MO) **Application of Lotus 1-2-3 Spreadsheet with an Ecobehavioral Interaction Analysis of Instruction**

#7 Stephen C. BITGOOD(Jacksonville State University - Jacksonville, AL), C. G. SCREVEN (University of Wisconsin - - Milwaukee) **Informal Learning: A Challenge for Behavior Analysts**

#8 Janet ELLIS, Sigrid S. GLENN, Martha SCHUMACHER (University of North Texas - Denton) **Formal and Informal Training of Behavior Analysts Working in Non-Psychology Settings**

DDS--ISSUES IN DEVELOPMENTAL DISABILITIES

#12 Beth HASELTINE, Raymond G. MILTENBERGER (North Dakota State University - Fargo) **Training Prevention to Mentally Retarded Persons**

#13 Nasrin ERFANIAN(Housing, Industry & Training, Inc. - Mandan, ND), Raymond G. MILTENBERGER (North Dakota State University - Fargo) **Contact Desensitization in the Treatment of Dog Phobias in Mentally Retarded Persons**

#14 James COBIA (Monroe Development Center - Rochester, NY), Jane DIPASQUALE (State University of New York - Brockport) , David B. LENNOX (Monroe Developmental Center - Rochester, NY) **Paced Walking: Achieving a Normalized Behavioral Range**

#15 B. LLOYD, Laurie CASE, Joseph DUCHARME, Maurice A. FELDMAN (Surrey Place Centre - Toronto, Ontario) **Teaching Child Behavior Management Skills to Developmentally Handicapped Parents**

#16 David R. DONNELLY(Monroe Developmental Center - Rochester, NY), Paul V. OLCZAK (State University of New York - Genesco) **The Effects of Differential Reinforcement of Interfering Behaviors (DRI) on Pica for Cigarettes in Mentally Retarded Adults**

#17 Maura L. ROBERTS, Barbara WEST (Lehigh University - Bethlehem, PA) **Increasing Independent Responding through Interruption of Stereotypic Behavior**

#18 MaryAnn DEMCHAK, Diane M. BROWDER (Lehigh

University - Bethlehem, PA) **An Evaluation of the Pyramid Model of Staff Training in Group Homes for Adults with Severe Handicaps**

DDS/COM--COLLECTION, ANALYSIS, AND MANAGEMENT OF DATA IN DEVELOPMENTAL DISABILITIES: A COST-BENEFIT ANALYSIS

#19 Linda MATEY, Raymond G. ROMANCZYK, Jennifer BERRYMAN (State University of New York - Binghamton) **Computer Data Base Management to Enhance Staff Compliance in Meeting Task Deadlines**

#20 Stephanie LOCKSHIN, Mary EKDAHL (State University of New York - Binghamton) **The Development of Data Collection Systems to Monitor Parent's Involvement in Child Educational Programs**

#21 Stephanie LOCKSHIN, Kelley HARRISON, Raymond G. ROMANCZYK (State University of New York - Binghamton) **A Comparison of Paper and Pencil vs. Computer-Assisted Behavior Observation Systems**

#22 Kelley HARRISON, Stephanie LOCKSHIN, Raymond G. ROMANCZYK (State University of New York - Binghamton) **Factors Influencing Ease of Analysis of Behavior Observations: Video Taping, Observer Training, and Computer Utilization**

#23 Raymond G. ROMANCZYK, Stephanie LOCKSHIN, Kelley HARRISON, Deborah MUENCH (State University of New York - Binghamton) **The Development of a Global Behavior Monitoring System for Child Behavior and Environmental Correlates**

#24 Stephanie LOCKSHIN, Raymond G. ROMANCZYK (State University of New York - Binghamton) **Analysis of Performance and Collateral Behavior in Developmentally Disabled Children: Technical, Methodological and Conceptual Issues**

#25 Deborah MUENCH, Linda MATEY, Raymond G. ROMANCZYK (State University of New York - Binghamton) **An Analysis of Staff Utilization and Acceptance of Computer-generated Graphs and Reports of Child Behavior**

#625 11:00 AM - 11:50 AM SEMINAR B
EXP/INVITED ADDRESS/**The Cumulative Record: A Second Look and Some Thoughts**
James KOPP (University of Texas - Arlington)

CHAIRPERSON: Stephen P. STARIN (Western Michigan University - Kalamazoo)

#626 11:00 AM - 11:50 AM SALON 5
COM/INVITED ADDRESS/**The Functional Analysis of Behavior: A Computer-Based Research Methodology**
Alan C. REPP, Nirbhay N. SINGH, Kathy KARSH, Diane DEITZ (Educational Research & Services Center - DeKalb, IL)
CHAIRPERSON: Judith J. CARTA (University of Kansas - Kansas City)

#627 11:00 AM - 11:50 AM WYNDHAM B
TPA/INVITED ADDRESS/**Benedictus Behavior Analysis: Skinner's Magnum Opus at 50**
Travis THOMPSON (University of Minnesota - Minneapolis)
CHAIRPERSON: Jeff COREY

#628 11:00 AM - 11:50 AM WYNDHAM A
ETH/INVITED ADDRESS/**The Emergence of the Discipline of Behaviorology: A Comprehensive Natural Science for Cultural Evolution**
Stephen LEDOUX(State University of New York - Canton), Lawrence E. FRALEY (West Virginia University - Morgantown)
CHAIRPERSON: Lynette K. CHANDLER (University of Kansas - Lawrence)

#629 11:00 AM - 11:50 AM SALON 6
EDC/INVITED ADDRESS/**Teaching Writing by Computer: A Progress Report**
Donald A. COOK (Asymptote Inc. - Boston, MA)
CHAIRPERSON: Beatrice H. BARRETT (Walter Fernald State School - Belmont, MA)

#630 11:00 AM - 12:20 PM PHILADELPHIA NORTH
DDS/PANEL DISCUSSION/**Integrating Autistic and Normal Preschoolers: Program Development and Research Design**
MODERATOR: Jan S. HANDLEMAN (Douglass Developmental Disabilities Center - New Brunswick, NJ)
Michael ALESSANDRI (Douglass Developmental Disabilities Center - New Brunswick, NJ)
Maria ARNOLD (Douglass Developmental Disabilities Center - New Brunswick, NJ)

Leisa BASS (Douglass Developmental Disabilities Center - New Brunswick, NJ)
Lisa KAMEAN (Douglass Developmental Disabilities Center - New Brunswick, NJ)
Rita GORDON (Douglass Developmental Disabilities Center - New Brunswick, NJ)

#631 11:00 AM - 12:20 PM SALON 3
ETH/PANEL DISCUSSION/**Avoiding Lawsuits and Financial Liability: Legal and Clinical Issues for Service Providers**
MODERATOR: Richard M. FOXX (Anna Mental Health and Development Center - Anna, IL)
Edmond TIRYAK (Attorney at Law - Philadelphia, PA)

#632 11:00 AM - 12:50 PM SALON 4
VRB/SYMPOSIUM/**Psychological Linguistics: Examples of Research and Theory**
CHAIRPERSON: Sidney W. BIJOU (University of Arizona - Tucson)
DISCUSSANT: Linda J. HAYES (University of Nevada - Reno)
Phyllis N. WILLIAMSON, Charles A. LYONS (Las Vegas Medical Center - Las Vegas, NM) **Interactional Components of Psychotic Language**
Patrick M. GHEZZI, Sidney W. BIJOU, Chia-Chen CHAO (University of Arizona - Tucson) **Developing Social Language Interactions with Retarded Youth**
Edward K. MORRIS (University of Kansas - Lawrence) **Contextualism and Language Behavior**
Sidney W. BIJOU (University of Arizona - Tucson) **Theory of Language Development**

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#633 11:00 AM - 12:50 PM SALON 10
CMT/SYMPOSIUM/**Coordinating Community Behavioral Services in a Large Metropolitan Area: The Surrey Place Centre Model**
CHAIRPERSON: Maurice A. FELDMAN (Surrey Place Centre - Toronto, Ontario)
DISCUSSANT: Ron VAN HOUTEN (Mount Saint Vincent University - Halifax, Nova Scotia)
Wilfred L. WILLIAMS (Surrey Place Centre - Toronto, Ontario) **The Agency Behavioral Consultation Project:**

#702 12:00 PM - 12:50 PM WYNDHAM C
TOX/INVITED ADDRESS/**Behavioral Pharmacology and the Search for an Amethystic Agent**
Mark GALIZIO (University of North Carolina - Wilmington)
CHAIRPERSON: Dawn DELANEY (Western Michigan University - Kalamazoo)

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#703 12:00 PM - 12:50 PM SALON 9
TPA/INVITED ADDRESS/**A Behavior Analysis of "Intelligent" Behavior**
Masaya SATO, Takayuki SAKAGAMI, Naoko SUGIYAMA (Keio University - Tokyo, Japan)
CHAIRPERSON: Helen D. PRATT (Kalamazoo Regional Psychiatric Hospital - Kalamazoo, MI)

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#704 12:00 PM - 12:50 PM SEMINAR B
EXP/INVITED ADDRESS/**Content of Presentations at the First Conference on the Experimental Analysis of Behavior**
James A. DINSMOOR (Indiana University - Bloomington)
CHAIRPERSON: A. Michael WYLIE (Mankato State University - Mankato, MN)

#705 12:00 PM - 1:50 PM WYNDHAM B
TPA/SYMPOSIUM/**B. F. Skinner's Works: III. The Role of Archives and Centers**
CHAIRPERSON: William R. WOODWARD (University of New Hampshire - Durham)

Clark A. ELLIOTT (Harvard University - Cambridge, MA) **Psychology at Harvard: Papers of Skinner and His Colleagues**

Eva MOSELEY (Schlesinger Library, Radcliffe College - Cambridge, MA) **Yvonne Blue Skinner: Representative American Woman**

Robert EPSTEIN (Cambridge Center for Behavioral Studies - Cambridge, MA) **The Place of Behavioral Studies in Society at Large**

James CAPSHEW (NASA, Goddard Space Flight Center - Greenbelt, MD) **Reconstructing Project Pigeon: Perspectives from Government Records**

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#706 12:00 PM - 1:50 PM SALON 5
DDS/SYMPOSIUM/**Stimulus Control Research with Developmentally Disabled Persons**
CHAIRPERSON: Alan C. REPP (Educational Research & Services Center - DeKalb, IL)
DISCUSSANT: R. Kenton DENNY (Educational Research & Services Center - DeKalb, IL)
Nirbhay N. SINGH(Educational Research & Services Center - DeKalb, IL), Robert SOLMAN (University of New South Wales) **A Stimulus Control Analysis of the Picture-Word Problem in Beginning Readers**
Alan C. REPP, Kathy KARSH (Educational Research & Services Center - DeKalb, IL) **The Task Demonstration Model: Improving Acquisition and Generalization of Individuals with Developmental Disabilities**
Thomas G. HARING(University of California - Santa Barbara), Craig H. KENNEDY (University of Oregon - Eugene) **Context-Specific Functional Control of Problem Behavior in Students with Severe Disabilities**
Larry STODDARD (E. K. Shriver Center - Waltham, MA) **Analysis and Elimination of Unwanted Stimulus Control in Discrimination Learning**
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Multidisciplinary Educational Diagnostic and Consulting Center

#708 12:30 PM - 12:50 PM PHILADELPHIA NORTH
DDS/PAPER/**Autism and Initial Communication Training: Have We Been Wrong for Long?**
Andrew S. BONDY (Delaware State Autistic Programs - Newark)
CHAIRPERSON: Albert PRINCE (Marietta College-Marietta, OH)

#709 12:30 PM - 12:50 PM SALON 6
EDC/INVITED ADDRESS/**A Model of a "Cooperative Agreement" Between a Mental Health and an Education Setting: Problems and Potential**
Pamela WEAVER (Pressley Ridge School (PRYDE) - Pittsburgh, PA), Steven DAVERNE, Pamela G. OSNES, Trevor F. STOKES (FMHI, University of South Florida - Tampa)
CHAIRPERSON: Judith DORAN (Edward J. Feeney Associates - Redding, CT)

#710 12:30 PM - 12:50 PM SALON 3
ETH/PAPER/**Behavioral Technology: Will <u>All</u> Severely Handicapped Individuals Become Beneficiaries?**
Donald B. WEBER, Patricia M. DALY (Miami University - Oxford, OH)
CHAIRPERSON: Deborah E. ALTUS (University of Kansas - Lawrence)

#711 12:30 PM -2:00 PM CONFERENCE CENTER BALLROOM
Poster Session #10
EXP--ISSUES IN THE EXPERIMENTAL ANALYSIS OF BEHAVIOR

#1 Charlie J. MARTIN, James D. DOUGAN (Indiana University - Bloomington) **An Examination of the Function Relating Reinforcement Density to Response Rate**

#2 Jeffrey STONE (Southern Illinois University - Carbondale), Roger C. LUBECK (Project 12-Ways, Southern Illinois University - Carbondale) , Roger SCHNAITTER (Illinois Wesleyan University - Bloomington) **Conjunctive Fixed-Time CRF and Random-Time CRF Schedules of Reinforcement**

#3 Rick A. BEVINS, William L. PALYA (Jacksonville State University - Jacksonville, AL) **Serial Conditioning as a**

Function of Response Dependencies

#4 Eileen DELLO, Kennon A. LATTAL (West Virginia University - Morgantown) **Response Patterns in Concurrent Schedules**

#5 Hector MARTINEZ SANCHEZ (Human Learning Project, National University of Mexico - Iztacala, Mexico) **Effects of Concurrent and Post-Performance Rules on a Conditional Discrimination Task**

#6 Eduardo PENALOSA, Diana MORENO, Maria Luisa CEPEDA, Hortensia HICKMAN, Emilio RIBES INESTA (Human Learning Project, National University of Mexico - Iztacala, Mexico) **Experimental Analysis of the Role of Perceptual Relations and Verbal Factors and Their Interaction with Second-order Conditional Discrimination**

#7 A. Charles CATANIA (University of Maryland Baltimore County - Catonsville), Koichi ONO (Komazawa University - Tokyo, Japan), Detsy DE SOUZA (University of Sao Carlos - Sao Carlos, Brazil), Daniel T. CERUTTI (Temple University - Philadelphia, PA), **New Behavior without Differential Reinforcement**

#8 Kurt G. BRENNER (Saint Mary's University - Halifax, Nova Scotia) **The Formation of Stimulus Equivalence Classes through Implicit Responding**

#9 Barbara A. WANCHISEN (Baldwin-Wallace College - Berea, OH), Thomas A. TATHAM (Mount Union College - Alliance, OH) , Susan MOONEY (Baldwin-Wallace College - Berea, OH) **Analysis of Discrepant Human/Animal FI Schedule Performance**

EAHB--ISSUES IN THE EXPERIMENTAL ANALYSIS OF HUMAN BEHAVIOR

#12 Timothy L. TURCO(Lehigh University - Bethlehem, PA), Stephen N. ELLIOTT (University of Wisconsin - Madison) **Analysis of the Effectiveness and Acceptability of Group Contingencies**

#13 Brenda J. TERZICH, Joseph E. MORROW (California State University - Sacramento) **Extinction on Mix Schedules after Intermittent Reinforcement, with and without an Interposed Period of Continuous Reinforcement**

#14 E. Clarice HALL (Florida A&M University - Tallahassee) **Can People Perceive Contingencies Accurately?**

#15 Rocio HERNANDEZ-POZO, Alejandra SANCHEZ

(National Autonomous University of Mexico - Iztacala, Mexico) **Nominal, Semantic, Phonemic and Chromatic Control in Verbal Conditional Learning with Children**

#16 A. Michael WYLIE(Mankato State University - Mankato, MN), Richard DUBANOSKI (University of Hawaii at Manoa - Honolulu) **Program Determinants of Fixed-Ratio Performance by Humans**

EAHB--THE EXPERIMENTAL ANALYSIS OF HUMAN BEHAVIORSPECIAL INTEREST GROUP

#23 Barry LOWENKRON, Vicki COLVIN (California State University - Los Angeles) **Generalized Instructional Control of Matching-to-Sample Tasks**

#24 Cloyd HYTEN(University of North Texas - Denton), Philip N. CHASE (West Virginia University - Morgantown) **Style Variation in Self-Editing**

#25 Richard DEGRANDPRE, William BUSKIST (Auburn University - Auburn, AL) **Division of Labor between Dyad Members in a Cooperative Situation**

#26 William BUSKIST, Richard DEGRANDPRE, David L. MORGAN (Auburn University - Auburn, AL) **Subject Selection of Temporal Parameters in a Matching-to-Sample Procedure**

#27 David L. MORGAN (Auburn University - Auburn, AL) **Effects of Local History Variables on Levels of Aspiration**

#28 Susan Perkins MARYNIAK, Alan BARON (University of Wisconsin - Milwaukee) **Reaction Times of Older Adults: Stimulus-Response Compatibilities**

#29 Luis F. PARRA, Alan BARON (University of Wisconsin - Milwaukee) **Reaction Times of Older Adults: Lasting Effects of Practice**

#30 Jorge M. DE OLIVEIRA CASTRO (Auburn University - Auburn, Al), Kennon A. LATTAL (West Virginia University - Morgantown) , William BUSKIST (Auburn University - Auburn, AL) **Human Performance: The Effects of Delay with Constant Reinforcement Rate**

#31 Gerard R. GAYDOS, Patrick C. QUINN, Laura D. FREDRICK, Samuel M. DEITZ (Georgia State University - Atlanta) **Sequential Ordering without Instructions**

#32 Cathy L. WATKINS, Jeanne M. DEVANY (Auburn University - Auburn, AL) **Acquisition of Reinforcing Functions via Participation in an Equivalence Class**

#33 Renee MICHAEL, Daniel J. BERNSTEIN (University of

Nebraska - Lincoln) **Effects of Differential History on the Generalization Skills of Children in a Matching-to-Sample Task**

#34 Joseph S. VOLPE, G. R. KING, Alexandra W. LOGUE (State University of New York - Stony Brook) **Choice in a Self-Control Paradigm with Human Subjects: Effects of Distractors**

#35 G. R. KING, Alexandra W. LOGUE (State University of New York - Stony Brook) **Choice in a Self-Control Paradigm with Human Subjects: Sensitivity to Variation in Reinforcer Amount**

#36 G. R. KING, Lori BONVINO, Alexandra W. LOGUE (State University of New York - Stony Brook) **Choice in a Self-Control Paradigm with Human Subjects: Effects of Alcohol Consumption**

#712 1:00 PM - 1:50 PM SALON 6
EDC/INVITED ADDRESS/**Integration of Instructional and Computer Technology at Jacksonville State University**
Claudia E. MCDADE, Charles P. OLANDER, David CUNNINGHAM (Jacksonville State University - Jacksonville, AL) CHAIRPERSON: Paul WEISBERG (University of Alabama - Tuscaloosa)

#713 1:00 PM - 1:50 PM SALON 9
TPA/INVITED ADDRESS/**Standardizing Behavioral Definitions: Can You Promote a Science without Adopting Uniform Standards for Defining Behavioral Responses?**
Carol E. NAUMANN (Winona State University - Winona, MN) CHAIRPERSON: John MCDONOUGH (Western Michigan University - Kalamazoo)

#714 1:00 PM - 1:50 PM WYNDHAM C
TOX/INVITED ADDRESS/**Operant Behavior Models of Learning and Memory: Drug Effects**
D. M. THOMPSON (Georgetown University - Washington, DC) CHAIRPERSON: Vincent HODGE (Western Michigan University - Kalamazoo)

#715 1:00 PM - 1:50 PM SEMINAR B
EXP/INVITED ADDRESS/**Humble Behaviorism**
Allen NEURINGER (Reed College - Portland, OR)

CHAIRPERSON: Robert W. GRIFFIN (General Foods Corp. - White Plains, NY)

#716 1:00 PM - 2:20 PM SEMINAR A
EXP/SYMPOSIUM/**The Effects of Errors on the Acquisition of Conditional Discriminations and Stimulus Class Formation: Analysis and Intervention**
CHAIRPERSON: Russell W. MAGUIRE (New England Center for Autism, Northeastern University - Southborough, MA)
DISCUSSANT: William V. DUBE (E. K. Shriver Center - Waltham, MA)

D. Daniel GOULD (New England Center for Autism, Northeastern University - Southborough, MA), Harry MACKAY (Northeastern University - Boston, MA) **Prior-Trial Events as a Source of Unwanted Stimulus Control in a Modified Delayed Matching-to-Sample Task**

Russell W. MAGUIRE (New England Center for Autism, Northeastern University - Southborough, MA), W. L. HOLCOMB, K. E. GOULD, R. BASS (Northeastern University - Boston, MA) **The Effects of Errors during Training on the Formation of Stimulus Classes**

M. J. CAMERON (Amego, Inc., & Northeastern University - Quincy, MA) **Acquisition of Auditory-Visual Matching-to-Sample Relations: Trial-and-Error vs. Exclusion Training**

#717 1:00 PM - 2:50 PM WYNDHAM D
ETH/SYMPOSIUM/**BFSA Invited: Behavior Analysis in Correctional Settings**
CHAIRPERSON: Janet ELLIS (University of North Texas - Denton)
DISCUSSANT: Walter Y. QUIJANO (Texas Department of Corrections - Huntsville)

K. Anthony EDWARDS (Green Bay Correctional Institution - Green Bay, WI) **What Behavior Analysts Can Do in Prisons: A Need for Middle Management**

Sherman YEN(Applied Research & Management, Inc. - Owings Mill, MD), Mark PEYROT (Loyola College - Baltimore, MD) **Behavioral Substance Prevention Program at Baltimore City Jail: Two Years After**

Janet ELLIS (University of North Texas - Denton) **Improving the Prison Culture through Behavior Analysis**

Lawrence E. FRALEY (West Virginia University -

Morgantown) **Behavioral Corrections: A Perspective from Behaviorology**

#718 1:00 PM - 2:50 PM SALON 1
DDS/SYMPOSIUM/**Behavior Analyses of Community Referenced Skills: Issues in Promoting and Transferring Stimulus Control**
CHAIRPERSON: Anthony J. CUVO (Southern Illinois University - Carbondale)
DISCUSSANT: Anthony J. CUVO (Southern Illinois University - Carbondale)
Diane M. BROWDER, Joseph LALLI, Tami DERR (Lehigh University - Behtlehem, PA) **A Comparison of Stimulus Control Procedures to Teach Sight Words**
Robert H. HORNER (University of Oregon - Eugene) **Functional Analysis in Applied Settings**
Marsha B. PARSONS, Dennis H. REID, Merle BUMGARNER, Jerry REYNOLDS (Western Carolina Center - Morganton, NC) **Improving Vocational Performance of Developmentally Disabled Clients: Effects of Choice and Work Preference**
David P. WACKER, Wendy K. BERG (University of Iowa - Iowa City) Promoting Generalization of Community Living Skills

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#719 1:00 PM - 2:50 PM SALON 4
OTH/SYMPOSIUM/**Behavior Analysis in Nontraditional Settings: Opportunities and Obstacles**
CHAIRPERSONS: Ilene S. SCHWARTZ (University of Kansas - Lawrence), Thomas S. CRITCHFIELD (West Virginia University - Morgantown)
DISCUSSANT: Henry S. PENNYPACKER (The Mammatech Corp. - Gainesville, FL)
Barbara J. FULTON (Pizza Slices West - Sacramento, CA) **From Pizza to Pinstripes: Nontraditional Applications of the Technology**
Therese Mary FOSTER(University of Waikato - Hamilton, New Zealand), William TEMPLE (Waikato University - Hamilton, New Zealand) **Old MacDonald Had an Operant Chamber: Studies with Farm Animals**
Mark ALAVOSIUS (West Virginia University - Morgantown) **Behavior Analysis and Occupational Safety: Applications in Health Care and Industry**

Evelyn H. GINSBURG (Chicago Public Schools - Chicago, IL) **Applied Behavior Analysis in School Social Work**

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CHAIRPERSON: Libby NESSELROAD-STREET (Central Washington University - Ellensburg)
Theodore A. HOCH (West Virginia University - Morgantown) **Precurrent Behavior, Autoclitics, and Sequilics**
Tim SLOCUM (University of Washington - Seattle) **Metacognition as Verbal Behavior**
Guy S. BRUCE (West Virginia University - Morgantown) **Behaviorological Verbal Behavior: A Procedure-Process Distinction**
Libby NESSELROAD-STREET (Central Washington University - Ellensburg) **The Role of Terminology in Teaching Behavior Analytic Skills**

#723 2:00 PM - 2:50 PM SEMINAR B
EXP/INVITED ADDRESS/**A Behavioral Analytic Approach to the Study of Processes of Aging**
Celia Wolk GERSHENSON, Travis THOMPSON (University of Minnesota - Minneapolis)
CHAIRPERSON: Elsie M. PINKSTON (University of Chicago)

#724 2:00 PM - 2:50 PM SALON 6
EDC/INVITED ADDRESS/**The Products of Programmed Instruction: Variables and Research Methodology**
Darrel E. BOSTOW, Roger M. TUDOR (University of South Florida - Tampa)
CHAIRPERSON: Howard E. FARRIS (Western Michigan University - Kalamazoo)

#725 2:00 PM - 2:50 PM WYNDHAM C
TOX/INVITED ADDRESS/**Drug Discrimination and Drug Stimulus Generalization with Anxiolytics**
Nancy A. ATOR (Johns Hopkins School of Medicine - Baltimore, MD)
CHAIRPERSON: Rodney D. CLARK (Western Michigan University - Kalamazoo)

#726 2:00 PM - 3:50 PM SALON 10
DDS/SYMPOSIUM/**Using Peer Tutors to Promote Social and Academic Responding by Adolescents**
CHAIRPERSON: K. Richard YOUNG (Utah State University - Logan)
DISCUSSANT: Scott MCCONNELL (University of Minnesota - Minneapolis)

Debra CHENEY (Logan City School District - Logan, UT) **The Effects of Peer Tutoring on Generalized Social Behavior by Handicapped Adolescents**

Marilyn LIKINS (Utah State University - Logan) **Using Peer Tutors to Teach Concepts to Handicapped Adolescents in Mainstream Settings**

Deborah SMITH (Utah State University - Logan) **The Effectiveness of Peer Mediators on the Development of Self-Management Skills by Handicapped Adolescents**

Larry MAHEADY (Michigan State University - East Lansing) **Implementation, Fidelity, and Dissemination Issues in the Use of Classwide Peer Tutoring**

#727 2:00 PM - 3:50 PM WYNDHAM B
EXP/SYMPOSIUM/**"Psychology as the Behaviorist Views It" at 75**
CHAIRPERSONS: Edward K. MORRIS, James T. TODD (University of Kansas - Lawrence)
DISCUSSANT: William M. BAUM (University of New Hampshire - Durham)

Alexandra W. LOGUE (State University of New York - Stony Brook) **Watson's Behaviorist Manifesto: Past Positive and Current Negative Consequences**

James T. TODD (University of Kansas - Lawrence) **What Psychology Has to Say about John B. Watson**

Fred KELLER (University of North Carolina - Chapel Hill) **A Debt Acknowledged**

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#728 2:00 PM - 3:50 PM SALON 9
EXP/SYMPOSIUM/**The Nature and Implications of Stimulus Equivalence**
CHAIRPERSON: Steven C. HAYES (University of Nevada - Reno)
DISCUSSANT: Philip N. CHASE (West Virginia University - Morgantown)

David L. STEELE(Greensboro Area Health Education Center - Greensboro, NC), Steven C. HAYES (University of Nevada - Reno) **Equivalence without Reflexivity**

Barbara S. KOHLENBERG, Steven C. HAYES (University of Nevada - Reno) **Generalization of Control over Conditional Equivalence as a Model of Sexual Bias**

Steven C. HAYES, Barbara S. KOHLENBERG, Linda J. HAYES (University of Nevada - Reno) **The Transfer of**

Reinforcement Functions through Equivalence Classes
Linda J. HAYES (University of Nevada - Reno), Scott THOMPSON (Saint Mary's University - Halifax, Nova Scotia)
Knowing and Doing: Equivalence as a Basis for the Production of Other Behavior
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#729 2:00 PM - 3:50 PM WYNDHAM A
ETH/PANEL DISCUSSION/**Right to Effective Education: Preschool Response to the ABA Task Force**
MODERATOR: Beatrice H. BARRETT (Walter Fernald State School - Belmont, MA)
DISCUSSANT: Ogden LINDSLEY (University of Kansas - Lawrence)
Laura DOROW (Fred S. Keller School - Yonkers, NY)
Nan MCCORKLE (Fred S. Keller School - Yonkers, NY)
Gail G. MCGEE (University of Massachusetts - Amherst)
Phillip S. STRAIN (University of Pittsburgh - Pittsburgh, PA)
Jan S. HANDLEMAN (Douglass Developmental Disabilities Center - New Brunswick, NJ)

#730 2:00 PM - 3:50 PM SALON 5
COM/SYMPOSIUM/**Integrated Laboratory Data Management Systems**
CHAIRPERSON: William L. PALYA (Jacksonville State University - Jacksonville, AL)
DISCUSSANT: Jonathan VAUGHAN (Hamilton College - Clinton, NY)
David WHITE (BBN Software Products - Maitland, FL) **Conceptual Approaches to Laboratory Data Management**
Joe LAYNG (University of Chicago - Chicago, IL) **Commercially Available Software Suitable for Laboratory Data Management**
William L. PALYA (Jacksonville State University - Jacksonville, AL) **A Laboratory Data Management System**
Charles MERBITZ (Rehabilitation Institute of Chicago - Chicago, IL) **Data Support for Clinical Decision Making**
Denise BRONSON (State University of New York - Buffalo) **Data Management Systems in Applied Settings**
Anna D. HATTEN (Averett College - Danville, VA) **Data Storage and Manipulation with Microsoft EXCEL**

#731 2:30 PM - 3:20 PM SEMINAR A
STF/INVITED ADDRESS/**Motivating Human Service Staff: A Review of Current Strategies and Research Outcomes**
Dennis H. REID, Carolyn W. GREEN, Marsha B. PARSONS (Western Carolina Center - Morganton, NC)
CHAIRPERSON: Ruth G. WYLIE (Marietta College - Marietta, OH)

#732 2:30 PM - 4:00 PM CONFERENCE CENTER BALLROOM
Poster Session #11

#733 3:00 PM - 3:20 PM SALON 6
TOX/INVITED ADDRESS/**Quantitative EEG Mapping in Marijuana Abusers**
John STRAUMANIS, Frederick STRUVE (Louisiana State University School of Medicine - Shreveport)
CHAIRPERSON: Stephen T. HIGGINS (University of Vermont - Burlington)

#734 3:00 PM - 3:50 PM PHILADELPHIA NORTH
BEM/INVITED ADDRESS/**Behavioral Observation of Physician-Patient Interactions in Family Practice**
Edward J. CALLAHAN (University of California, Davis - Sacramento)
CHAIRPERSON: Rosamond GIANUTSOS (Cognitive Rehabilitation Services - Sunnyside, NY)

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#735 3:00 PM - 3:50 PM PHILADELPHIA SOUTH
EDC/INVITED ADDRESS/**Behavior Analysis in Arequipa, Peru (1977 to date)**
Tito E. CUENTAS(National University of San Augustin - Arequipa, Peru), Armando DE ARMAS (Central Washington University - Ellensburg)
CHAIRPERSON: Henry S. PENNYPACKER (The Mammatech Corp. - Gainesville, FL)
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#736 3:00 PM - 4:50 PM SALON 3
VRB/SYMPOSIUM/**Out of the Mouths of Babes ... Come Responses: Behavior Analysis and Language Development**
CHAIRPERSONS: Gary NOVAK (California State University, Stanislaus - Turlock), Mark L. SUNDBERG (Sundberg and

Associates - Concord, CA)
DISCUSSANTS: Ross VASTA (State University of New York - Brockport), Mark SUNDBERG (California State University, Stanislaus - Turlock)
Gary NOVAK (California State University, Stanislaus - Turlock) **Selective Imitation and Incidental Teaching: The Role of Simple Modeling**
Betty HART (Kansas University - Kansas City) **A Behavioral Perspective on Motherese**
Ernst L. MOERK (California State University - Fresno) **Cause-Effect Relationships in the Process of Naturalistic First Language Acquisition**
Grover J. WHITEHURST, J. E. FISCHEL, D. ARNOLD, M. CAULFIELD, C. LONIGAN, M. VALDEZ-MENCHACA, (State University of New York - Stony Brook) **A Home-based Intervention for Young Children with Specific Expressive Language Delay**

******** NEW ZEALAND **********

#737 3:00 PM - 4:50 PM SEMINAR B
TPA/SYMPOSIUM/**Behavioral Approaches to Social Psychology**
CHAIRPERSON: Warren R. STREET (Central Washington University - Ellensburg)
DISCUSSANT: Sam LEIGLAND (Gonzaga University - Spokane, WA)
Kenneth E. LLOYD (Central Washington University - Ellensburg) **Attitude-Behavior Congruency**
John F. SMITH (University of Waikato - Hamilton, New Zealand) **Behavior Analysis of Personal Commitment**
Warren R. STREET (Central Washington University - Ellensburg) **"Mindfulness" and Social Behavior**
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#738 3:00 PM - 4:50 PM SALON 4
TPA/SYMPOSIUM/**Behavioral Models of Machine Intelligence**
CHAIRPERSON: William R. HUTCHISON (BehavHeuristics, Inc. - Silver Spring, MD)
DISCUSSANT: Donald A. COOK (Asymptote Inc. - Boston, MA)
Kenneth R. STEPHENS, William R. HUTCHISON (BehavHeuristics, Inc. - Silver Spring, MD) **Concepts, Models, and Theories in Adaptive Networks**

George LAWTON (Army Research Institute for Social & Behavioral Science - Alexandria, VA), Kenneth R. STEPHENS, William R. HUTCHISON (BehavHeuristics, Inc. - Silver Spring, MD) **Cognitive Science with the Child of Behaviorism: Kidnapper or Cuckold?**

William R. HUTCHISON, Kenneth R. STEPHENS (BehavHeuristics, Inc. - Silver Spring, MD) **Behavioral Implementations and Applications of Adaptive Networks**

Donald A. COOK (Asymptote Inc. - Boston, MA) **Are Machines Theories of Behavior?**

#739 3:30 PM - 3:50 PM SALON 6
TOX/INVITED ADDRESS/**Behavioral Analysis of Drug-Induced Intoxication**
Scott E. LUKAS (Harvard Medical School/ADARC - Belmont, MA)
CHAIRPERSON: Stephen T. HIGGINS (University of Vermont - Burlington)

#740 3:30 PM - 4:50 PM SEMINAR A
EXP/SYMPOSIUM/**The History and Present Status of Quality and Location Discrimination**
CHAIRPERSON: John C. NEILL (Wrentham State School & Regis College - Wrentham, MA)
DISCUSSANT: Charles K. BURDICK (US Army Medical Research & Development Cmd - Frederick, MD)

John C. NEILL (Wrentham State School & Regis College - Wrentham, MA) **History of the Quality-Location Effect**

J. M. HARRISON (Boston University - Boston, MA) **Control of Responding by Sounds of Different Quality**

Leonard GREEN, Craig BOWE (Washington University - St. Louis, MO) **Concordance between Quality and Location of Stimuli and Responses Influences Acquisition**

#741 4:00 PM - 4:20 PM SALON 9
CMT/INVITED ADDRESS/**How I Spent My Summer Vacation: Or, Behavior Control in the "Middle Kingdom" (China)**
E. Clarice HALL (Florida A&M University - Tallahassee)
CHAIRPERSON: Thomas M. WELSH (University of Kansas - Lawrence)

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#742 4:00 PM - 4:50 PM PHILADELPHIA SOUTH
EDC/INVITED ADDRESS/**Technology Transfer: A Model for Educational Change**
Michael MALONEY (Quinte Learning Centre - Belleville, Ontario), Henry S. PENNYPACKER (The Mammatech Corp. - Gainesville, FL)
CHAIRPERSON: Samuel M. DEITZ (Georgia State University - Atlanta)

#743 4:00 PM - 4:50 PM PHILADELPHIA NORTH
EXP/INVITED ADDRESS/**Stimulus Control of "Learned Helplessness"**
Philip J. BERSH (Temple University - Philadelphia, PA)
CHAIRPERSON: R. Wayne FUQUA (Western Michigan University - Kalamazoo)

#744 4:00 PM - 4:50 PM SALON 5
OBM/INVITED ADDRESS/**A Behavioral Systems Model for Industrial/Organizational Research and Development**
Roger D. RAY (Rollins College - Winter Park, FL)
CHAIRPERSON: Michael J. DEWULF (Utah State University - Logan)

#745 4:00 PM - 4:50 PM SALON 6
TOX/INVITED ADDRESS/**Noradrenergic Processes in the Behavioral Actions of Psychomotor Stimulants**
Richard E. TESSEL (University of Kansas - Lawrence)
CHAIRPERSON: Warren K. BICKEL (University of Vermont - Burlington)

#746 4:30 PM - 4:50 PM SALON 9
DDS/PAPER/**Beyond Training and Intervention: A Review of Generalization and Peer Social Interaction Research**
Lynette K. CHANDLER (University of Kansas - Lawrence)
CHAIRPERSON: Laura DOROW (Fred S. Keller School - Yonkers, NY)

#747 5:00 PM - 5:50 PM WYNDHAM CD
TPA/**PRESIDENTIAL ADDRESS**
Brian A. IWATA (University of Florida - Gainesville)
CHAIRPERSON: Barbara C. ETZEL (University of Kansas - Lawrence)

#748 6:00 PM - 6:50 PM SALON 5
BEM/MEETING/**Behavior Analysis in Rehabilitation Medicine Organizational Meeting**
CHAIRPERSONS: Charles MERBITZ(Rehabilitation Institute of Chicago - Chicago, IL), Glen W. WHITE (University of Kansas - Lawrence)

At this meeting we will consider the need for a SIG in Rehabilitation Medicine within ABA. A broader SIG, including Behavioral Medicine, is also possible.

#749 6:00 PM - 6:50 PM SEMINAR B
OTH/MEETING/**Behavior Analysis of Child Development Organizational Meeting**
CHAIRPERSONS: Gary NOVAK(California State University, Stanislaus - Turlock), Ross VASTA (State University of New York - Brockport)

This is an organizational meeting for those interested in forming a Behavior Analysis of Child Development Special Interest Group. Open to all persons interested in the application of behavior principles to the understanding of child development.

#750 6:00 PM - 6:50 PM SALON 9
OTH/MEETING/**Research Action Committee**
CHAIRPERSON: Ogden R. LINDSLEY (University of Kansas -
#752 6:00 PM - 6:50 PM SALON 4
OTH/MEETING/**Behavioral Analysis in Correctional Settings SIG**
CHAIRPERSON: Sherman YEN (Applied Research & Management, Inc. - Owings Mill, MD)

The purpose of the meeting is to provide interested individuals with the opportunity to examine some of the current program development related issues at the correctional settings, and to plan further activities. All ABA members are invited.

#753 6:00 PM - 6:50 PM SALON 10
EDC/MEETING/**Direct Instruction SIG**
CHAIRPERSON: Paul WEISBERG (University of Alabama - Tuscaloosa)

An open meeting for persons interested in principles, practices, and issues related to Direct Instruction.

>>>>>>>>>>>>>>> MONDAY, MAY 30, 1988 <<<<<<<<<<<<<<<

#800 9:00 AM - 9:20 AM SALON 3
BCI/PAPER/**Behavior Analysis and Private Events: The Assessment of Sexual Fantasy in Sex Offenders**
Robert M. STEIN (City University of New York - New York)

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#801 9:00 AM - 9:50 AM SALON 5
COM/INVITED ADDRESS/**Behavior Analysis and Data-Based Expert Systems: The Potential of Merging Technologies**
K. Richard YOUNG, Richard P. WEST, Joseph FERRARA, Alan HOFMEISTER (Utah State University - Logan)
CHAIRPERSON: Michael MALONEY (Quinte Learning Centre - Belleville, Ontario)
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#802 9:00 AM - 9:50 AM SALON 4
OBM/INVITED ADDRESS/**Job Selection Contingent on Performance Quality in a Fast-Food Restaurant: You Can Have It Your Way**
Daniel J. BERNSTEIN, Diane WELSH, Fred LUTHANS (University of Nebraska - Lincoln)
CHAIRPERSON: Alyce M. DICKINSON (Western Michigan University - Kalamazoo)

#803 9:00 AM - 9:50 AM SEMINAR A
TOX/INVITED ADDRESS/**Integration of Behavioral and Biological Factors in Smoking: A Peek Inside the Black Box**
Ovide F. POMERLEAU (University of Michigan School of Medicine - Ann Arbor)
CHAIRPERSON: Rodney D. CLARK (Western Michigan University - Kalamazoo)

#804 9:00 AM - 9:50 AM WYNDHAM C
TPA/INVITED ADDRESS/**Evolutionary Instruction: Program Design Components and Teacher Presentation Techniques for Educational Effectiveness**
Maria T. COLLINS (Northern Illinois University - De Kalb)
CHAIRPERSON: Charles P. OLANDER (Jacksonville State University - Jacksonville, AL)

#805 9:00 AM - 10:20 AM WYNDHAM B
DDS/SYMPOSIUM/**Providing a Realistic Data-Base for Reviewing and Regulating Services for the Severely Handicapped**
CHAIRPERSON: Dennis H. REID (Western Carolina Center - Morganton, NC)

Joyce E. MCCARN, Kathy PETERS, Dennis H. REID (Western Carolina Center - Morganton, NC) **(Non)Effects of Age Appropriateness on Severely Handicapped Clients' Interactions with Leisure Materials**

Marsha B. PARSONS, Dennis H. REID, Victoria B. CASH (Western Carolina Center - Morganton, NC), Judy SHOEMAKER (Coastal Center - Ladson, SC) **Establishing Norms for Active Treatment in Congregate Living Settings for Severely and Profoundly Retarded Persons**

Carolyn W. GREEN, James PHILLIPS, Dennis H. REID (Western Carolina Center - Morganton, NC) **A Critical Review of Behavioral Research with the Profoundly Handicapped: Adding Objectivity to the Trainability Issue**

#806 9:00 AM - 10:20 AM SALON 10
ETH/SYMPOSIUM/**Behavioral Backlash: A Closer Look**
CHAIRPERSON: Lawrence E. FRALEY (West Virginia University - Morgantown)
DISCUSSANT: Stephen LEDOUX (State University of New York - Canton)

Robert S. SPANGLER(East Tennessee State University - Johnson City), Ernest A. VARGAS (West Virginia University - Morgantown) **The Behavioral Clinician**

J. E. STONE(East Tennessee State University - Johnson City), Ernest A. VARGAS (West Virginia University - Morgantown) **The Behavioral Professor**

Phillip M. WISHON(University of Northern Colorado - Greeley), Ernest A. VARGAS (West Virginia University - Morgantown) **The Behavioral Researcher**

#807 9:00 AM - 10:50 AM PHILADELPHIA NORTH
DDS/SYMPOSIUM/**Measurement and Analysis in the Special Education Classroom: When and How?**
CHAIRPERSON: David W. TEST (University of North Carolina - Charlotte)

DISCUSSANT: Robert H. HORNER (University of Oregon - Eugene)
Nancy L. COOKE, Fred SPOONER (University of North Carolina - Charlotte) **What Is Happening Now?**
Nancy A. NEEF (Johns Hopkins University - Baltimore, MD) **When and How Should Data Be Collected?**
William L. HEWARD (Ohio State University - Columbus) **When and How Should Data Be Analyzed?**
David P. WACKER, Wendy K. BERG (University of Iowa - Iowa City) **Promoting the Use of Single-Case Designs as Measures of Achievement in Special Education Classrooms**

#808 9:00 AM - 10:50 AM PHILADELPHIA SOUTH
TPA/SYMPOSIUM/**Contrapuntal Polyphony or Monodic Canticle? The Next 50 Years of Behavior Analysis**
CHAIRPERSON: Travis THOMPSON (University of Minnesota - Minneapolis)
DISCUSSANT: Travis THOMPSON (University of Minnesota)
Michael F. CATALDO (Johns Hopkins University - Baltimore, MD) **Developmental Neurobiology and Behavior Analysis**
Kurt SALZINGER (Polytech University - Brooklyn, NY) **A Behavior Analytic Approach to Psychopathology**
Steven C. HAYES (University of Nevada - Reno) **Cognition, Behavior Analysis and Language**

#809 9:00 AM - 10:50 AM SEMINAR B
OTH/SYMPOSIUM/**Advice from Young Professionals: Things Your Advisor Forgot to Tell You about Life after Graduate School**
CHAIRPERSONS: Ilene S. SCHWARTZ (University of Kansas - Lawrence), Kimberly C. KIRBY (Duke University - Durham)
DISCUSSANT: Barbara C. ETZEL (University of Kansas - Lawrence)
Ruth A. BAER (University of Kentucky - Lexington) **Academic Positions: Tips from a Clinical Faculty Member**
Warren K. BICKEL (University of Vermont - Burlington) **Academic Positions: Tips from a Human Operant Researcher**
Gloria D. ELDRIDGE (University of Mississippi - Jackson) **Clinical Internships: Tips for Selection and Success**

Kimberly C. KIRBY (Duke University - Durham, NC) **Post-Doctoral Positions: A Place to Grow or Second Prize?**

#810 9:00 AM - 10:50 AM WYNDHAM D
STF/SYMPOSIUM/**Promoting Change in State Agencies through the Behavior Management Committee Process**
CHAIRPERSON: C. Richard TSEGAYE-SPATES (Michigan Department of Mental Health - Lansing)
DISCUSSANT: Jack L. MICHAEL (Western Michigan University - Kalamazoo)

C. Richard TSEGAYE-SPATES (Michigan Department of Mental Health - Lansing) **Politics of Establishing and Maintaining a Behavior Management Committee Process in a State System**

Peter A. HOLMES (Eastern Michigan University - Ypsilanti) **Policy, Focus, and Impact of a Behavior Management Committee for Treatment of Developmentally Disabled Persons**

Nan K. HOLMES (Ypsilanti Regional Psychiatric Hospital - Ypsilanti, MI) **Policy, Focus, and Impact of a Behavior Management Committee in a State Hospital for Mentally Ill Persons**

Howard S. ROSEN (Copper Country CMH Board - Houghton, MI) **Policy, Focus, and Impact of a Behavior Management Committee in aCommunity Mental Health System**

#811 9:00 AM - 10:50 AM WYNDHAM A
EXP/SYMPOSIUM/**The Behavior of Organisms at Fifty**
CHAIRPERSONS: James T. TODD, Edward K. MORRIS (University of Kansas - Lawrence)
DISCUSSANT: B. F. SKINNER (Harvard University - Cambridge, MA)

Laurence D. SMITH (University of Maine - Orono, ME) **The Behavior of Organisms in Historical Perspective: Bacon, Mach, and Skinner**

A. Charles CATANIA (University of Maryland, Baltimore County - Catonsville) **The Behavior of Organisms as Work in Progress**

Terry J. KNAPP (University of Nevada - Las Vegas) **The Behavior of Organisms: Who Bought It, Who Believed It. 1938-1988**

#812 9:30 AM - 9:50 AM SALON 3
BEM/INVITED ADDRESS/**Intact- vs. Involved-Limb Performance in Hemiparetic Patients: Preliminary Findings**
John G. GIANUTSOS(Rusk Institute of Rehabilitation Medicine - New York, NY), Joseph M. NOTTERMAN (Princeton University - Princeton, NJ)

#813 10:00 AM - 10:50 AM SALON 5
COM/PAPER/**Potential Uses of Expert Systems in Personalized System of Instruction Courses**
Mark S. THORNBURG, Bradley ALTHOUSE, Richard BAER, Joseph FERRARA (Utah State University - Logan)
CHAIRPERSON: Kenneth R. STEPHENS (BehavHeuristics, Inc. - Silver Spring, MD)

#814 10:00 AM - 10:50 AM SALON 4
OBM/INVITED ADDRESS/**Selecting Peak Performers Through Behavioral Interviewing**
Edward J. BARTON(ECLECON - Denver, CO), Patrick SHERRY (University of Denver - Denver, CO)
CHAIRPERSON: John MCDONOUGH (Western Michigan University - Kalamazoo)

#815 10:00 AM - 10:50 AM SEMINAR A
TOX/INVITED ADDRESS/**Drug Discriminations Approaches to Study Mechanisms of Drug Action**
John A. ROSELRONS (Virginia Commonwealth University - Richmond)
CHAIRPERSON: Steven I. DWORKIN (Louisiana State University School of Medicine - Shreveport)

#816 10:00 AM - 11:20 AM SALON 3
BCI/SYMPOSIUM/**The Application of Functional Communication Training to the Analysis and Treatment of Severe Behavior Disorders**
CHAIRPERSON: V. Mark DURAND (State University of New York - Albany)
DISCUSSANT: Dennis RUSSO (Children's Hospital - Boston, MA)

Paul DORES, Frank BIRD (VINFEN Corporation - Brighton, MA) **Teaching Direct-Care Staff to Implement Functional Communication Training Using the Training Videotape "If**

Only They Could Talk"
Jeff ROBINSON, Frank BIRD (VINFEN Corporation - Brighton, MA) **Using Functional Communication Training to Reduce Severe Aggression and Self-Injury: Two Data-Based Examples**
Frank BIRD, Diana MONIZ (VINFEN Corporation - Brighton, MA) **Implementing Functional Communication Training across Several Students Using a Classroom-wide Intervention**
V. Mark DURAND, Edward G. CARR (State University of New York - Stony Brook) **Functional Communication Training: Generalization and Long-Term Maintenance**

#817 10:00 AM - 11:50 AM WYNDHAM C
TPA/PANEL DISCUSSION/**Experimental Control of Research Using Biologically Changing Subjects: Infant, Chronically Ill, and Aging**
MODERATOR: Elsie M. PINKSTON (University of Chicago - Chicago, IL)
Claire L. POULSON (Queens College, CUNY - Flushing, NY)
Laura L. CARSTENSEN (Stanford University - Stanford, CA)
Karen S. BUDD (Illinois Inst. of Technology & La Rabida Children's Hos - Chicago)

#818 10:30 AM - 10:50 AM SALON 10
TPA/PAPER/**Introducing Applied Behavior Analysis and Radical Behaviorism to Anti- and Nonbehavioral Students: A Description of Content and a Request for Feedback**
Richard A. POLSTER (University of Texas - Arlington)
CHAIRPERSON: W. Joseph WYATT (Associates in Behavioral Rehabilitation - South Charleston, WV)

#819 10:30 AM - 11:50 AM WYNDHAM B
DDS/SYMPOSIUM/**The Effects of an Aerobic Conditioning Program on Fitness and Integration of Learners with Moderate/Severe Disabilities**
CHAIRPERSON: James W. HALLE (University of Illinois - Champaign-Urbana)
DISCUSSANT: R. Wayne FUQUA (Western Michigan University - Kalamazoo)
James W. HALLE (University of Illinois - Champaign-Urbana) **Assessing Changes in Social Interaction as a Side Effect of Participation in an**

Aerobic Conditioning Program
Debra GABLER-HALLE (University of Illinois - Champaign-Urbana) **Assessing the Physiological and Behavioral Effects of Participation in an Aerobic Conditioning Program**

#820 11:00 AM - 11:50 AM PHILADELPHIA SOUTH
EXP/INVITED ADDRESS/**Some Remaining Puzzles in the Study of Behavioral Contrast**
Ben A. WILLIAMS (University of California, San Diego - La Jolla)
CHAIRPERSON: Richard L. SHULL (University of North Carolina - Chapel Hill)

#821 11:00 AM - 11:50 AM SALON 10
VRB/INVITED ADDRESS/**Equivalence and Meaning**
Linda J. HAYES (University of Nevada - Reno)
CHAIRPERSON: Samuel M. DEITZ (Georgia State University - Atlanta)

#822 11:00 AM - 11:50 AM WYNDHAM D
STF/INVITED ADDRESS/**Contingent Reinforcement: A Humanizing Mechanism in the Prison**
Walter Y. QUIJANO (Texas Department of Corrections - Huntsville)
CHAIRPERSON: Janet ELLIS (University of North Texas - Denton)

#823 11:00 AM - 11:50 AM WYNDHAM A
OTH/INVITED ADDRESS/**Clinical and Laboratory Behavior Research at Thirty-five**
Ogden R. LINDSLEY (University of Kansas - Lawrence)
CHAIRPERSON: Beatrice H. BARRETT (Walter Fernald State School - Belmont, MA)

#824 11:00 AM - 11:50 AM SEMINAR A
TOX/INVITED ADDRESS/**Marijuana and Behavioral Contingencies**
Richard W. FOLTIN (Johns Hopkins School of Medicine - Baltimore, MD)
CHAIRPERSON: Dawn DELANEY (Western Michigan University - Kalamazoo)

#825 11:00 AM - 11:50 AM SALON 5
COM/SYMPOSIUM/**Effects of Computer-Assisted Instruction with Students Who Have a Variety of Disabilities**
CHAIRPERSON: Jane Y. MURDOCK (University of New Orleans, New Orleans, LA)
DISCUSSANTS: All presenters

Patricia D. MORRIS (Dillard University - New Orleans), Jane Y. MURDOCK, J. David SEXTON, (University of New Orleans), Nola M. O'CONNOR (Jefferson Parish Schools-Metairie, LA), Susan M. ST. PETER (University of Syracuse) **A Comparison of Teacher-Assisted and Computer-Assisted Instruction with High School Students with Learning Disabilities** Jane Y. MURDOCK (University of New Orleans), Pius NWAIZU (St. Tammany Parish Schools - Slidell, LA), Nola M. O'CONNOR (Jefferson Parish Schools - Metairie, LA), Patricia D. MORRIS (Dillard University - New Orleans, LA), Susan M. ST. PETER (University of Syracuse) **Effects of Computer-Assisted Instruction for Students Having Severe Physical Disabilities**

Nola M. O'CONNOR (Jefferson Parish Schools-Metairie, LA), Susan M. ST. PETER (University of Syracuse), Stephanie S. LAGACCIA, Jane Y. MURDOCK, William R. SHARPTON (University of New Orleans) **Comparing Still-Photo and Line-Drawing Prompts to Teach Independent Computer Skills to Students with Severe Disabilities**

Susan M. ST. PETER (University of Syracuse), Jane Y. MURDOCK, J. David SEXTON, and William R. SHARPTON (University of New Orleans), Nola M. O'CONNOR (Jefferson Parish Schools-Metairie, LA), Patricia D. MORRIS (Dillard University - New Orleans) **A Comparison of Computer-Assisted and Teacher-Assisted Instruction for High School Students with Autism and/or Severe Language Disorders**

#826 11:00 AM - 12:20 PM SALON 4
OBM/SYMPOSIUM/**May I Make a Suggestion? Corporate Support for Innovations**
DISCUSSANT: Philip N. CHASE (West Virginia University - Morgantown)

Julie M. SMITH (Center for Entrepreneurial Studies & Dev. - Morgantown, WV) **Innovation Award Packages - Or How Much Money Do I Get?**

Ruth G. WYLIE (Marietta College - Marietta, OH) **Operationalizing Innovation in Business - Or What's It to 'Ya?**

Barbara J. KAMINSKI (West Virginia University - Morgantown) **We've Got More Ideas Than We Can Handle!**

#827 11:00 AM - 12:20 PM SALON 6
EDC/SYMPOSIUM/**Selection and Validation of Classroom Interventions Using Ecobehavioral Analysis**
CHAIRPERSON: Judith J. CARTA (University of Kansas - Kansas City)
DISCUSSANT: Larry MAHEADY (Michigan State University - East Lansing)
Charles R. GREENWOOD (Juniper Gardens Children's Project - Kansas City) **Alternative Approaches in Developing Procedures**
Judith J. CARTA (University of Kansas - Kansas City) **Identification of Potentially Effective Procedures**
Carmen ARREAGA-MAYER (Juniper Gardens) **Confirming Procedural Effectiveness**

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#828 11:00 AM - 12:50 PM SEMINAR B
VRB/SYMPOSIUM/**Problems and Methods in Recording, Transcribing and Analyzing Naturally Occurring Verbal Interactions**
CHAIRPERSON: Ullin T. PLACE (University College of North Wales - Bangor, Gwynedd)
DISCUSSANT: Jack L. MICHAEL (Western Michigan University - Kalamazoo)
James G. HOLLAND (University of Pittsburgh - Pittsburgh, PA) **Naturally Occurring Verbal Interactions in the Study of Verbal Behavior**
W. T. ANDERSON(Bentley College - Waltham, MA), George PSATHAS (Boston University - Boston, MA) **Problems and Methods in the Transcription of Audio-Recorded Conversations**
Charles GOODWIN, Marjorie GOODWIN (University of South Carolina - Columbia) **Problems and Methods in the Transcription of Video-Recorded Conversations**
Ullin T. PLACE (University College of North Wales - Bangor, Gwynedd) **Contingency Analysis of Naturally Occurring Verbal Interactions**

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#829 11:00 AM - 12:50 PM PHILADELPHIA NORTH

DDS/SYMPOSIUM/**Punishment beyond Suppression: Data on Side Effects**
CHAIRPERSON: Ron VAN HOUTEN (Mount Saint Vincent University - Halifax, Nova Scotia)
DISCUSSANT: R. Vance HALL (Juniper Gardens Children's Project - Kansas City)
Ahmos ROLIDER (Surrey Place Centre - Toronto, Ontario) **The Positive Effects of Punishment on Learning**
Ron VAN HOUTEN (Mount Saint Vincent University - Halifax, Nova Scotia) **The Effects of Mild Punishment on Academic Performance**
Tom LINSCHEID (Columbus Childrens Hospital - Columbus, OH) **Electric Shock: The Most Restrictive Alternative?**
Maurice A. FELDMAN (Surrey Place Centre - Toronto, Ontario) **The Positive and Negative Side Effects of Positive Practice and Hand Restraint**
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#830 11:30 AM - 11:50 AM SALON 3
BCI/PAPER/**The Multi-element Fading Technique: Strategies for Promoting Generalization**
Jerome D. ULMAN(Ball State University - Muncie, IN), Mark PAVLOVICH (CARESYSTEMS, Inc. - Highland, IN)
CHAIRPERSON: Joseph E. MORROW (California State University - Sacramento)

#900 12:00 PM - 12:50 PM SEMINAR A
TOX/INVITED ADDRESS/**Sorting Out the Confusion on Types of Conditioned Responses Found in Addiction**
Charles P. O'BRIEN (Veterans Administration Medical Center - Philadelphia, PA)
CHAIRPERSON: Stephen T. HIGGINS (University of Vermont - Burlington)

#901 12:00 PM - 12:50 PM PHILADELPHIA SOUTH
EXP/INVITED ADDRESS/**Response Acquisition with Delayed Reinforcement**
Kennon A. LATTAL(West Virginia University - Morgantown), Suzanne GLEESON (Uniformed Services University of the Health Sciences - Bethesda, MD)
CHAIRPERSON: Alan POLING (Western Michigan University - Kalamazoo)

#902 12:00 PM - 1:50 PM SALON 10
EDC/SYMPOSIUM/**Merging Technologies: Instructional Design, Precision Teaching, and Computer-Assisted Instruction**
CHAIRPERSON: Libby NESSELROAD-STREET (Central Washington University - Ellensburg)
DISCUSSANT: Ogden R. LINDSLEY (University of Kansas - Lawrence)
Libby NESSELROAD-STREET (Central Washington University - Ellensburg) **Designing Generic Instructional Formats**
Tim SLOCUM (University of Washington - Seattle) **Computerizing Generic Instructional Formats**
Owen WHITE (University of Washington - Seattle) **Preliminary Analysis of Moment to Moment Data**
Charles P. OLANDER (Jacksonville State University - Jacksonville, AL) **Preliminary Analysis of Moment to Moment Data in Higher Education**

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#903 12:00 PM - 1:50 PM WYNDHAM B
BCI/SYMPOSIUM/**Clinical Issues in Adolescent Behavior Analysis**
CHAIRPERSON: Grace R. KALFUS (Adelphi University - Garden City, NY)
DISCUSSANT: Steven B. GORDON (Behavior Therapy Associates, P.A. - Somerset, NJ)
Brenna H. BRY, Dennis (Mac) GREENE (Rutgers University - Piscataway, NJ) **Clinical Issues in Teaching Adolescent Substance Abuse**
Eva L. FEINDLER (Adelphi University - Garden City, NY) **Maximizing Adolescent Anger Control through Maintenance and Generalization Planning**
David J. HANSEN, Maria WATSON-PERCZEL (West Virginia University - Morgantown) **Social Skills Training with Adolescents: Clinical Issues, Problems, and Solutions**
Juliana Rasic LACHENMEYER(Fairleigh Dickinson University - Teaneck, NJ), Paulette MUNI-BRANDER (Rockland Children's Psychiatric Hospital - Orangeburg, NY) **Clinical Issues in Adolescent Eating Disorders**
N. W. SLOT, J. HEINER (VGT-Holland, EABT-European - Amsterdam, The Netherlands), **Coaching: Behavioral Training by Nonprofessionals for Youths in Trouble**
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#904 12:00 PM - 1:50 PM SALON 3
BCI/SYMPOSIUM/**Behavior Analytic Approaches to Complex Clinical Phenomena**
CHAIRPERSON: Joseph R. HAAS (University of North Carolina - Greensboro)
DISCUSSANT: Michael J. DOUGHER (University of New Mexico - Albuquerque)
Joseph R. HAAS (University of North Carolina - Greensboro) **Behavior Analysis and the Assessment of Clinical Cases**
Barbara S. KOHLENBERG (University of Nevada - Reno) **The Client-Therapist Relationship: A Behavior Analytic Perspective**
Irwin ROSENFARB(Auburn University - Auburn, AL), Chester W. JENKINS (East Alabama Medical Center - Auburn) **Depression as an Over-Reliance on Rule-Following**
Steven C. HAYES (University of Nevada - Reno) **An Analysis of Analysis**

#905 12:00 PM - 1:50 PM WYNDHAM A
EXP/SYMPOSIUM/**Complex Cases of Behavior: How Best to Understand and Influence Them**
CHAIRPERSON: John M. PARRISH (Kennedy Institute for Handicapped Children - Baltimore, MD)
A. Charles CATANIA (University of Maryland, Baltimore County - Catonsville) **Dealing with the Problem of Classes**
Donald M. BAER (University of Kansas - Lawrence) **Self-Instruction by Children**
Michael F. CATALDO (Johns Hopkins University - Baltimore, MD) **Complex Cases and Their Application**

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#906 12:00 PM - 1:50 PM SALON 5
DDS/SYMPOSIUM/**Computer Applications in MR/DD Service Settings**
CHAIRPERSON: David A. COLEMAN, Jr. (Westchester Association for Retarded Citizens - White Plains, NY)
DISCUSSANT: Raymond G. ROMANCZYK (State University of New York - Binghamton)
David A. COLEMAN (Westchester Association for Retarded Citizens - White Plains, NY) **Applications and Issues in**

Computerizing MR/DD Service Facilities
Bruce BAKKE, Travis THOMPSON (University of Minnesota - Minneapolis) **Computerized Assessment of Neuroleptic Drug Effects with MR Clients**
Cathy LORBER (Center for Rehabilitation - Chicago, IL) **Use of Educational Software to Increase Achievement of Behaviorally Disordered Children**
Erika NARAJEK (Private Practice - Kelkheim, West Germany) **Diagnosis and Therapy of Learning Disability in the Field of Reading and Writing**
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#907 12:30 PM - 1:50 PM SALON 4
OBM/PANEL DISCUSSION/**Vocational Services for the Developmentally Disabled Person: A Community-Based Model**
MODERATOR: Howard C. SCHNEIDER (L.I. Assoc. for Children with Learning Disabilties - Westbury, NY)
Martha WOLF (L.I. Assoc. for Children with Learning Disabilities - Garden City, NY)
Marcia GRANICK (L.I. Assoc. for Children with Learning Disabilities - Garden City, NY)
Reginald LEE (L.I. Assoc. for Children with Learning Disabilities - Garden City, NY)
Elizabeth HAM (L.I. Assoc. for Children with Learning Disabilities - Garden City, NY)

#908 12:30 PM - 1:50 PM SALON 6
DDS/SYMPOSIUM/**Introducing Picture-Based Communication Systems with Autistic Students**
CHAIRPERSON: Andrew S. BONDY (Delaware State Autistic Programs - Newark)
Lori RYAN(Delaware Autistic Program - Newark, DE), Andrew S. BONDY (Delaware State Autistic Programs - Newark) **Beginning Picture-Based Communication Systems with Very Young Autistic Children**
Joanne WACHOWIAK, Andrew S. BONDY (Delaware State Autistic Programs - Newark) **Introducing Picture-Based Expressive Communication Systems to Adolescent Autistic Children**
Cynthia FINNEGAN, Andrew S. BONDY (Delaware State Autistic Programs - Newark) **Introducing Picture-Based**

Receptive Communication Systems with Adolescent Autistic Students

#909 1:00 PM - 1:50 PM PHILADELPHIA SOUTH
TPA/INVITED ADDRESS/**Is the Alliance Between Behavior Analysis and Physiological Psychology a Hypothetical Contruct?**
Neil R. CARLSON (University of Massachusetts - Amherst)
CHAIRPERSON: Marc N. BRANCH (University of Florida - Gainesville)

#910 1:00 PM - 1:50 PM SEMINAR B
STF/INVITED ADDRESS/**Using a Performance Matrix in the Management of an Ecobehavioral Service System**
Roger C. LUBECK (Project 12-Ways, Southern Illinois University - Carbondale)
CHAIRPERSON: Helen D. PRATT (Kalamazoo Regional Psychiatric Hospital - Kalamazoo, MI)

#911 1:00 PM - 1:50 PM SEMINAR A
TOX/INVITED ADDRESS/**Drug and Toxicant Effects on Duration Discrimination Performance**
Stephen A. DANIEL (Mercy College - Yorktown Heights, NY)
CHAIRPERSON: Vincent HODGE (Western Michigan University - Kalamazoo)

#912 1:00 PM - 1:50 PM PHILADELPHIA NORTH
EDC/INVITED ADDRESS/**A Behavioral Approach to Pre-Exam Review Sessions**
Howard C. BERTHOLD (Lycoming College - Williamsport, PA)
CHAIRPERSON: Claudia E. MCDADE (Jacksonville State University - Jacksonville, AL)

#913 2:00 PM - 2:50 PM WYNDHAM D
TPA/INVITED ADDRESS/**Come Back, My LOVELY**
B. F. SKINNER (Harvard University - Cambridge, MA)
CHAIRPERSON: Barbara C. ETZEL (University of Kansas - Lawrence)

#914 3:00 PM - 4:50 PM WYNDHAM B
OTH/MEETING/**Business Meeting of the ABA Membership**
CHAIRPERSONS: Barbara C. ETZEL(University of Kansas -

Lawrence), Brian A. IWATA (University of Florida - Gainesville)

The purpose of the meeting is to inform the ABA Membership of current Association activities through reports from the Committees, Task Forces, and the Secretary-Treasurer. The floor will be opened for questions and items for discussion following the reports.

THE NEW ENGLAND CENTER
FOR AUTISM, INC.

EMPLOYMENT OPPORTUNITIES

The New England Center for Autism, Inc. is a community-based behavioral program offering comprehensive educational and residential services to 90 autistic and developmentally disabled students (ages 5 - 22) and is located 30 minutes west of Boston. The New England Center is committed to delivering state-of-the art, data-based behavioral treatment in our newly constructed school facility and 11 group homes located in 5 surrounding towns. Research opportunities are both available and encouraged. Dr. Murray Sidman is a Senior Research Associate and is conducting research at the Center.

We periodically have senior and mid-level supervisory positions available in the areas of clinical, educational, residential, family, speech/language, and vocational services (MA or Ph.D. required). The salary range for the supervisory positions is from $26, 000 - 45,000 depending on the position and the experience and training of the applicant. All positions include a comprehensive benefit package.

We also have several direct service openings for BA/MA level applicants with training and experience in applied behavior analysis - Salary range $18,000 - 26, 000.

Interested applicants should send a letter of interest, current resume, and the names of three references to Rebecca F. MacDonald, PhD. at The New England Center for Autism, Inc., 33 Turnpike Road, Southboro, MA 01772, 617-481-1015.

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Harrison, J. M. #721, 740
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Heward, William L. #358, 807
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Higgins, Stephen T. #215, 335, 512, 521, 733, 739, 900
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Hodge, Vincent #538, 549, 714, 911
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Hogan, Bob #523
Holcomb, W. L. #716
Holland, James G. #519, 604, 828
Holmes, Nan K. #505, 810
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See also bci 903, com 801, 813, 825, dds 305, 328, 436, 552, 613, 630, 706, 726, 807, eth 729, exp 340, 572, 716, obm 330, tpa 532, 554, 804, 818

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See also bci 505, cmt 507, 623, 741, dds 430, stf 810, tpa 302, 605, 622, 713

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See also bem 609, dds 513

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See also dds 102, 202, sba 601, stf 910

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See also dds 546, edc 518, edc 700, 709

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See also dds 502

TPA

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See also bci 338, 800, 830, com 200, dds 746, edc 525, eth 353, 519, 543, 628, 710, 806, exp 315, 406, 535, 704, 715, 820, 905, obm 333, 423, 744, vrb 402, 421, 433, 510, 632, 722, 828

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