

MARYLAND ASSOCIATION FOR BEHAVIOR ANALYSIS

*A CHAPTER OF THE ASSOCIATION
FOR BEHAVIOR ANALYSIS*

7TH ANNUAL MEETING

*CONFERENCE PROGRAM
FRIDAY
DECEMBER 3, 2004*

Marriott Waterfront Hotel
Baltimore, Maryland

Maryland Association for Behavior Analysis 7th Annual Meeting

EXECUTIVE COMMITTEE

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Jane Barbin, Ph.D., BCBA <i>Behavioral Directions LLC</i>	
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Rebeca Grinstead, M.A.	

CONTINUING EDUCATION CREDITS

Board Certified Behavior Analysts (BCBAs & BCABAs)
MABA is a BACB approved continuing education provider. Type 2 continuing education credits will be available on Friday for \$5/credit hour. Look for **BACB** in this program for those presentations that have been approved. Please make sure to obtain the instructions at the MABA registration desk.

SCHEDULE OF EVENTS
FRIDAY DECEMBER 3, 2004
WATERVIEW BALLROOM

8:00 **REGISTRATION** – continental breakfast and refreshments

9:00 **PRESIDENTIAL WELCOME ADDRESS**
Jane Barbin, *Behavioral Directions LLC*

9:15 **INVITED ADDRESS**
CLASS-SPECIFIC REINFORCERS AND
EQUIVALENCE CLASS FORMATION **BACB**
Carol Pilgrim, *University of North Carolina at*
Wilmington

Dr. Carol Pilgrim received her Ph.D. from the University of Florida in 1987, with a specialization in the Experimental Analysis of Behavior. She is currently Professor of Psychology at the University of North Carolina at Wilmington, where she has been honored with a Distinguished Teaching Professorship, the North Carolina Board of Governors Teaching Excellence Award, and the Faculty Scholarship Award. Her research contributions include both basic and applied behavior analysis, with emphasis in human operant behavior and the early detection of breast cancer. Dr. Pilgrim has served as editor of *The Behavior Analyst*, associate editor of the *Journal of the Experimental Analysis of Behavior* and *The Behavior Analyst*, co-editor of the *Experimental Analysis of Human Behavior Bulletin*, and as a member of the editorial boards of those and several other journals. She has served as President of ABA, Division 25 of the APA, and SEABA. Additionally, she has been Member-at-large of the Executive Council of ABA and Division 25, and member of the Boards of Directors of the Society for the Experimental Analysis of Behavior, the Society for the Advancement of Behavior Analysis, and the Cambridge Center for Behavioral Studies.

10:15 **PROGRAMMED INSTRUCTION AND**
INTERTEACHING APPLICATIONS IN
TECHNOLOGY EDUCATION
Henry H. Emurian, *University of Maryland*
Baltimore County

10:45 **BEHAVIOR ANALYST CERTIFICATION BOARD:**
PRESENT AND FUTURE **BACB**
Gerald L. Shook, *Behavior Analyst Certification*
Board

11:45 **LUNCH** – on your own

1:00 **INVITED ADDRESS**
IMPROVING ACADEMIC SKILLS THROUGH
FLUENCY BUILDING: BEHAVIORAL
PRINCIPLES OF PRODUCTIVE PRACTICE TIME
Brian K. Martens, *Syracuse University* **BACB**

Dr. Brian K. Martens received his Ph.D. from the University of Nebraska – Lincoln. He is Professor and Director of Training for the School Psychology Program at Syracuse University. He is a Fellow in Division 16 of APA, a member of the Society for the Study of School Psychology, and a past member of the Board of Directors for the Society for the Experimental Analysis of Behavior. He has served as Associate Editor for the *Journal of Applied Behavior Analysis* and *School Psychology Quarterly*. Dr. Martens' research focuses on applied behavior analysis in school settings and training teachers and parents to respond to children's learning and adjustment problems by arranging reinforcement to promote the fluency and generalization of children's academic skills.

2:00 **INVITED ADDRESS**

**ACHIEVING POTENTIAL: A ROLE OF
BEHAVIOR ANALYSIS IN DESIGNING AN
INSTRUCTIONAL SYSTEM TO TEACH PHYSICS
TO ENGINEERS**

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M. Jackson Marr, *Georgia Institute of Technology*

Dr. M. Jackson (Jack) Marr received a Ph.D. in experimental psychology with a minor in physiology from the University of North Carolina at Chapel Hill in 1966. He is Professor Emeritus of Psychology at Georgia Tech where he has taught courses in the experimental analysis of behavior, physiology and behavior, behavioral pharmacology, and probability & statistics. He is one of five founding Fellows of the Association for Behavior Analysis and Past-President of the Society for the Advancement of Behavior Analysis, the Association for Behavior Analysis and Division 25 of the American Psychological Association. He currently serves as Review Editor of the *Journal of the Experimental Analysis of Behavior* and the Co-Editor of *Revista Mexicana de Análisis de la Conducta*. He has served as Associate Editor of the *Journal of the Experimental Analysis of Behavior* and *The Behavior Analyst*, was the Experimental Representative to the Executive Council of the Association for Behavior Analysis, on the Board of Directors of The Society for the Quantitative Analysis of Behavior (SQAB) and currently serves on the Board of the Cambridge Center for Behavioral Studies. He has been particularly active in the international development of behavior analysis in Europe, Mexico, China, and the Middle East. He was a Research Fellow in Pharmacology at Harvard Medical School, a visiting professor at the Universidad Nacional Autónoma de México, and the first Eminent Scholar invited to Jacksonville State University. He served as a Navy contractor for Project Sanguine in a study of possible effects of extremely low frequency electromagnetic fields on operant behavior. As an AIEE Senior Fellow at the Naval Aerospace Medical Research Laboratory, he conducted research on the effects of microwaves as reinforcers for operant behavior and the effects of drugs on sustained military flight performance. His primary

research interests include the development of instructional systems for teaching engineering physics, dynamical systems theory, the quantitative analysis of behavior, comparative behavior analysis at Zoo Atlanta, assessment methods for engineering and science education, and theoretical/conceptual issues in behavior analysis. The title of his talk is, “Achieving Potential: A Role of Behavior Analysis in Designing an Instructional System to Teach Physics to Engineers.”

3:00 **SCHOOL-WIDE POSITIVE BEHAVIOR
SUPPORT: ADDRESSING DISCIPLINE
PROBLEMS IN SCHOOL WITH DATA-BASED
SOLUTIONS**

BACB

Cynthia M. Anderson, *West Virginia University*

4:30 **POSTER SESSION AND MABA SOCIAL –**
Harborside Ballroom Salon C



MABA social



POSTER SESSION

FRIDAY DECEMBER 3, 2004

4:30 P.M. TO 6:00 P.M.

HARBORSIDE BALLROOM SALON C

1. **Cindi Perry, Tami Goodman, & T. David Schofield.** The importance of environmental enrichment in the Marine Animal Rescue Program (MARP) (*National Aquarium in Baltimore*)
2. **Mary E. Huntsberry, Sherry L. Serdikoff, & Kayce Cover.** An experimental analysis of tertiary conditioned reinforcement as applied in various animal training practices (*American University, James Madison University, & Syn Alia Training System*)
3. **L. Brooke Poerstel, Sherry L. Serdikoff, Melissa M. Shulleeta, & A. Charles Catania.** Using the spontaneously hypertensive rat (SHR) as an animal model to examine the effects of delay-of-reinforcement in attention deficit/hyperactivity disorder (ADHD) (*James Madison University, Kennedy Krieger Institute, & University of Maryland Baltimore County*)
4. **Michael W. Schlund & Michael F. Cataldo.** Differences in brain activation to rewards and reinforcers: Effects of contingency and gender (*Kennedy Krieger Institute, the Johns Hopkins University School of Medicine, & University of Pittsburgh*)
5. **Louis P. Hagopian, Eric Boelter, Heather Jennett, Lisa M. Toole, & Kathryn M. Lombardi.** Examining contingency control deficits in autism and mental retardation (*Kennedy Krieger Institute & the Johns Hopkins University School of Medicine*)
6. **Michael S. Heady & Margaret A. McDevitt.** Dynamics of preference: Arousal doesn't make better seem worse (*McDaniel College*)
7. **Carolyn M. Carpenedo, Mick Needham, Todd W. Knealing, Conrad J. Wong, & Kenneth Silverman.** Professional demeanor of chronically unemployed cocaine-dependent methadone patients in a therapeutic workplace (*The Johns Hopkins University School of Medicine*)
8. **Kristin A. Williamson, Morgan M. Padgett, Megan E. Progen, James S. Clifford, & Sara E. Valentino.** Assessing the effect of designated drivers on passengers' levels of intoxication (*Virginia Polytechnic Institute & State University*)
9. **Ashley L. Rainis, Stacey L. Pavlak, Ryan Smith, Laura Graninger, & Rebekah Maddox.** Development of a community-based approach for assessing and reducing high-risk student drinking (*Virginia Polytechnic Institute & State University*)
10. **Christi A. Blake, Christopher O. Downing, Jr., Trish Nash, Kristi Emmons, & Steven W. Clarke.** College football, tailgating, and subsequent risk for DUI: A field study (*Virginia Polytechnic Institute & State University*)
11. **Matthew G. Cox, Patrick A. Rhodes, Henry Howard, Ian J. Ehrhart, & Kent E. Glindemann.** An assessment of environmental differences between fraternity parties and private parties (*Virginia Polytechnic Institute & State University*)
12. **Elizabeth M. Mackey, Sarah Thornton, Elise A. Drake, Allison Curran, & Mark Allen.** Use of an incentive/reward intervention to reduce high-risk drinking (*Virginia Polytechnic Institute & State University*)
13. **David M. Harris, Lucas Hintz, Stephen Mistler, Leah V. Farrell, & Thomas Cunningham.** Intervening with food at fraternity parties: Does it impact intoxication levels? (*Virginia Polytechnic Institute & State University*)
14. **Ashley J. Greer, Elizabeth A. Masler, Charles S. Gulotta, & Peter A. Girolami.** Complex pediatric feeding disorders: Child characteristics and treatments (*Kennedy Krieger Institute & the Johns Hopkins University School of Medicine*)

15. **Elizabeth A. Masler, Ashley J. Greer, Charles S. Gulotta, & Peter A. Girolami.** Pediatric feeding disorders: Changes in caregiver stress levels and mealtime perceptions before and after treatment (*Kennedy Krieger Institute & the Johns Hopkins University School of Medicine*)
16. **James H. Boscoe, Jayce Kao, Alysia Palmisciano, Peter A. Girolami, Charles S. Gulotta, & Ping Wang.** Outcome measures of children diagnosed with autism receiving intensive behavioral treatment for feeding disorders (*Kennedy Krieger Institute & the Johns Hopkins University School of Medicine*)
17. **Caron C. Ellzey, Brian K. Martens, & Leah K. Brzuszkiewicz.** Use of a classroom-wide intervention to increase on-task behavior (*Syracuse University*)
18. **Florence D. DiGennaro, Brian K. Martens, & Laura Lee McIntyre.** Increasing treatment integrity through negative reinforcement: Effects on teacher and student behavior (*Syracuse University*)
19. **Bruce P. Mortenson.** Improving student engaged behavior by altering rate of responding across arithmetic skills in a second-grade sample (*Tomson University*)
20. **Kylie M. Larsen, Jeffrey H. Tiger, & Gregory P. Hanley.** Assessing a preschooler's preference for briefly signaled or un signaled periods of reinforcement and extinction (*University of Kansas*)
21. **Karena S. Rush, Jean Marie Leak, & Bruce P. Mortenson.** A preliminary component analysis of staff training techniques (*Millersville University, Sheppard Pratt Behavioral Health System, & Tomson University*)
22. **James C. Tolan, Jennifer L. Kelley, & Karyn H. Tolan.** A caregiver friendly methodology for promoting alternative and augmentative communication (*Comprehensive Developmental Services, LLC*)
23. **Emily O. Garnett, Cynthia M. Anderson, & Ellie J. McCartney.** A comparison of direct and indirect methods of functional assessment (*West Virginia University*)

24. **Deanna J. Perine, Cynthia M. Anderson, & Ellie J. McCartney.** A comparison of hand scoring versus computerized scoring of descriptive functional assessments (*West Virginia University*)
25. **Edel J. Blake.** Seeking solutions to problem behaviors in applied settings: A school-based approach to decrease aggression and off-task behavior in a student with autism (*Sussex Consortium – Delaware Autism Program*)
26. **Camille Daniels, Frances Perrin, & Patrick Progar.** The evaluation of trigger words as possible precursors to problem behavior (*Bancroft NeuroHealth & Caldwell College*)
27. **Camille Daniels, Frances Perrin, & Patrick Progar.** The effects of 30-minute sessions in determining the function of problem behavior (*Bancroft NeuroHealth & Caldwell College*)
28. **Sean P. Murphy, Danielle Edmonds, & Frances Perrin.** Effects of DRO and enriched environment on ripping (*Bancroft NeuroHealth*)
29. **Sean P. Murphy, Danielle Edmonds, Christopher Masterson, Frances Perrin, & Eric Eberman.** Increasing tolerance for wearing socks and underwear (*Bancroft NeuroHealth*)
30. **Aimee Holst, Christopher J. Perrin, & Frances Perrin.** Assessment of FCT on increasing hair washing tolerance (*Bancroft NeuroHealth*)
31. **Mandy Triggs & David E. Kuhn.** Automatically maintained destructive behavior (*Kennedy Krieger Institute & the Johns Hopkins University School of Medicine*)
32. **Richard Goysovich, Lynn G. Bowman, & Nicole M. Rodriguez.** Influence of stimulant medication plus behavioral intervention on the results of a functional analysis of elopement for a child with attention deficit hyperactivity disorder (*Kennedy Krieger Institute & the Johns Hopkins University School of Medicine*)
33. **Lynn G. Bowman, April M. Stachelski, Katharine A. Gutshall, & Jennifer Bruzek.** The use of competing items to decrease socially inappropriate behavior maintained by social attention (*Kennedy Krieger Institute & the Johns Hopkins University School of Medicine*)

34. **Michelle Frank, SungWoo Kahng, Kyong-Mee Chung, Divya Lamba, Katrina Zelenka, & Eduardo Moyano.** The use of interspersed demands to decrease problem behavior maintained by negative reinforcement (*Kennedy Krieger Institute & the Johns Hopkins University School of Medicine*)
35. **Lynn G. Bowman, Michelle Frank, Kristie Arnold, & Jennifer Bruzek.** The use of competing items to decrease socially inappropriate behavior (*Kennedy Krieger Institute & the Johns Hopkins University School of Medicine*)

**MABA WOULD LIKE TO THANK THE
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2004 MABA Conference Program

Program Chair:

SungWoo Kahng

Registration & Membership:

Lisa M. Toole

Local Arrangements:

SungWoo Kahng