



16TH ANNUAL MEETING OF THE MARYLAND ASSOCIATION FOR BEHAVIOR ANALYSIS
PIER 5 HOTEL, BALTIMORE, MARYLAND
FRIDAY, NOVEMBER 22, 2013
PRELIMINARY SCHEDULE

7:30 Registration & Continental Breakfast

8:45 Presidential Welcome Address – Harbor West

9:00 Invited Address ***BACB***

David M. Richman, Ph.D., *Texas Tech University*

Introduced by: Bailey Scherbak, *UMBC*

Title: Emergence, early intervention, and prevention of self-injury exhibited by very young children with moderate to profound developmental delays

Abstract: The ontogeny of self-injurious behavior exhibited by very young children with severe developmental delays is due to a complex interaction between neurobiological and environmental variables. This talk will cover variables that contribute to emerging self-injury in the developmental disability population with a focus on an operant conceptual model of how topographies of self-injurious behavior can change structurally and become sensitive to various environmental consequences. Data will be described in terms of extending our research focus from a reactive model of assessment and treatment of well-established cases of self-injury to an early intervention and prevention model.

Dr. David Richman is a Professor of Educational Psychology and Leadership at Texas Tech University. He received his Ph.D. in school psychology and minor in applied behavior analysis from the University of Iowa, and he completed a research postdoctoral fellowship at the Kennedy Krieger Institute. Dr. Richman has previously been on faculty at the University of Kansas School of Medicine, University of Maryland Baltimore County, and the University of Illinois. Dr. Richman's areas of research include assessment and treatment of problem behavior; phenotypic expression of genetic disorders correlated with intellectual disabilities and severe behavior problems; family resiliency, parenting stress, familial quality of life; and integrating quantitative measures of organism variables into behavior analytic research.

10:00 Invited Address ***BACB***

Manish Vaidya, Ph.D. *University of North Texas*

Introduced by: Christopher Tung, *UMBC*

Title: Simple discrimination and equivalence relations: Theory, research, and application

Abstract: This address will broadly explore the practical utility of laboratory-generated equivalence relations in two different ways. In Part I of the address, we present data from two studies that explore whether equivalence relations have properties that are separate from the properties that define those relations. In a broad sense, these studies ask the question – are equivalence relations more than laboratory curiosities - and find that the answer is yes. The methods used to ask the question and the results generated will be presented for your consideration. Part 2 of the address is concerned with extracting pedagogic utility from equivalence relations. We present data from two studies that ask whether exposure to baseline contingencies of reinforcement simpler than the traditionally-used four-term contingencies is sufficient for the development of equivalence relations and find that the answer is yes. Again, the methods and results will be presented for your consideration. The address will end with a discussion of how data like these might contribute to the development of a systematic technology of teaching for populations with learning delays.

Dr. Manish Vaidya earned his Ph.D. at the University of Florida working under the guidance of Tim Hackenberg. After a short post-doctoral appointment with Kate Saunders at the University of Kansas, he joined the University of North Texas as a faculty member in 2000. His research interests are broadly concerned with things traditionally called “cognitive” – attending, conceptual learning, and remembering. These interests are pursued through pigeon and human laboratory research at UNT and via collaborative relationships with colleagues in Brazil, India, and Norway. He has served on the editorial boards of JEAB, The Behavior Analyst, and The Psychological Record and is the current editor of The Experimental Analysis of Human Behavior Bulletin. Manish Vaidya has also served as the President of the Texas Association for Behavior Analysis and is the founding and current program chair of the Basic and Applied Research Track (BART) at TxABA. He serves on UNT’s Faculty Senate Executive Committee and is currently on UNT’s Quality Enhancement Plan (QEP) Leadership Team charged with creating a decade-long plan to enhance student learning experience at UNT.

11:00 MABA Student Paper Symposium ***BACB***

Introduced by: Lily Darnell, *Columbus Organization*

Jessica R. Cox, Carrie Borrero, & John Borrero

UMBC, the Kennedy Krieger Institute, The Johns Hopkins University School of Medicine, & UMBC

Title: An evaluation of noncontingent reinforcement and differential reinforcement with escape extinction in the treatment of food refusal

Sarah E. Bloom, **Daniel R. Clark**, & Megan A. Boyle

University of South Florida, UMBC, Kennedy Krieger Institute, & Utah State University

Title: Effects of delaying demands on escape-maintained problem behavior

Joshua Jessel, John C. Borrero, & Jessica Becraft

Western New England University & UMBC

Title: An analysis of the “O” in DRO

12:00 Lunch on your own

1:30 Invited Address ***BACB***

Brian A. Iwata, Ph.D., BCBA-D University of Florida

Introduced by: Jason Hartman, *UMBC*

Title: Prevention of problem behavior

Abstract: Research on disorders of learning and behavior typically has emphasized two aspects of behavior change: acquisition of adaptive behavior and elimination of problem behavior. For many years, the treatment of problem behavior has incorporated a number of acquisition techniques to establish socially appropriate replacement responses. A proactive strategy—strengthening appropriate behavior for the explicit purpose of preventing problem behavior—is the subject of this presentation. Topics to be covered include: identifying risk factors, reducing general risk factors (EOs) for problem behavior, and establishing socially appropriate responses that are adaptive in the presence of EOs.

Dr. Brian Iwata received his Ph.D. in Psychology from Florida State University and is a Professor in Psychology and Psychiatry at the University of Florida. He previously held faculty appointments at the Johns Hopkins University School of Medicine and at Western Michigan University. Brian’s major area of interest is disorders of learning and behavior, and he developed the first general model for conducting a functional (experimental) analysis of problem behavior. He is the former chief editor of the Journal of Applied Behavior Analysis and former president of the five major societies, including the Association for Behavior Analysis and Division 33 of the American Psychological Association. He has published over 230 articles and chapters and he has received \$7 million in research grants to support that work.

2:30 Invited Address ***BACB***

Anthony DeFulio, Ph.D. The Johns Hopkins University School of Medicine

Introduced by: Vivian Ibanez, *UMBC*

Title: Money as medicine: Incentive-based interventions for promoting health

Abstract: The use of financial incentives to promote health is growing rapidly, and behavior analysts have played a key role in creating the body of empirical evidence that supports the efficacy of this approach. This presentation includes a synopsis of the breadth of research and practice involving financial incentive interventions for promoting health, a review of some common criticisms of the approach, and a detailed look at two studies in which an incentive-based intervention called the Therapeutic Workplace was investigated as a means of promoting drug abstinence in unemployed heroin-dependent adults.

Dr. Anthony DeFulio got hooked on behavior analysis when he took Ed Malagodi's Behaviorism in Contemporary Society class as an undergraduate. From there, he proceeded to graduate training at the University of North Texas and the University of Florida. Dr. DeFulio's experiences in behavior analysis include conducting basic research on conditioned reinforcement and time-out in pigeons, translational research on the development of reading skills in developmentally disabled adults, and provision of in-home services to children with autism. For the last six years Dr. DeFulio has worked at the Johns Hopkins Center for Learning and Health, where he has helped to develop a drug abuse treatment intervention called the Therapeutic Workplace.

3:30 Invited Address ***BACB***

Lorri Unumb, J.D., *Autism Speaks*

Introduced by: SungWoo Kahng, Kennedy Krieger Institute

Title: Seeking autism coverage for everyone

Abstract: This presentation will examine the various sources of funding for Applied Behavior Analysis programs for autism and consider how they might be braided together. Topics include private commercial health insurance in the fully-funded and self-funded markets, government-sponsored health insurance such as Tricare (military) and Federal Employee Health Benefits Plan (civilian), public insurance such as Medicaid, marketplace-based health plans under the Affordable Care Act, and IDEA.

Mrs. Lorri Shealy Unumb is a lawyer and the mother of three children – Ryan (12), who has autism; Christopher (9); and Jonathan (5). In 2005, she wrote ground-breaking autism insurance legislation for South Carolina (“Ryan’s Law”) that passed in 2007 and served as the catalyst for the national movement toward autism insurance reform. Lorri began her work in autism advocacy as a volunteer. In 2008, she was recruited by the New York-based non-profit **Autism Speaks**, where she now advocates full-time on behalf of individuals with autism. As head of state government affairs, she has testified more than 80 times on health insurance issues in legislatures around the country. For her advocacy efforts, Lorri has been recognized with:

- the Jefferson Award for Public Service;
- the Autism Society of America 2008 “Parents of the Year” award (along with her husband Dan);
- the Behavior Analyst Certification Board’s Michael Hemingway Award;
- the California Association of Behavior Analysts 2012 “Leadership in Law” Award;
- the Miss South Carolina Pageant 2012 “Woman of Achievement” Award; and
- the NASCAR Foundation’s Betty Jane France Humanitarian Award.

Lorri’s work has been profiled on CNN, on NPR’s “Morning Edition,” and in *Town & Country* magazine, from whom she received one of three 2009 “Women Who Make a Difference” awards. Prior to joining Autism Speaks, Lorri enjoyed a fulfilling career as an appellate litigator with the United States Department of Justice and then as a law professor at George Washington University Law School and an inaugural faculty member at the Charleston School of Law. A frequent keynote speaker, Lorri still teaches a health care law seminar at George Washington University Law School called “Autism and the Law.” She and her husband Dan wrote the first-ever comprehensive textbook on legal issues related to autism, also called “Autism and the Law.” Lorri and Dan recently founded the **Autism Academy of South Carolina**, a non-profit center in Columbia serving the year-round educational and therapeutic needs of children on the spectrum.

1. **Ashley S. Jones, Griffin W. Rooker, Michelle A. Frank-Crawford, Erin A. Schaller, Christopher E. Bullock, & Iser G. DeLeon.** Historical effort is not related to subsequent value of rewards in individuals with intellectual and developmental disabilities (*Kennedy Krieger Institute & the Johns Hopkins University School of Medicine*)
2. **James A. Chastain, Griffin W. Rooker, Pamela Neidert, Brian Greer, Iser DeLeon, Jonathan Schmidt, & Louis Hagopian.** Identifying complementary and substitutable stimuli (*Kennedy Krieger Institute, the Johns Hopkins University School of Medicine, University of Kansas, Monroe Meyer Institute, & University of Nebraska Medical Center*)
3. **Paulo Cesar Morales Mayer, Pedro Araújo Ferreira, Gisele Fernandez da Silva, Marcus Bentes de Carvalho Neto, & Andreia Cantarelli Morales.** Hot air blast as an aversive stimulus: Automation and test over a VI baseline (*Federal University of Pará – Brazil & UCS - University of Caxias do Sul-BR*)
4. **Jonathon C. Metz, Sean W. Smith, & Tracy L. Kettering.** Data-based decision making: The representativeness of continuous measurement during sample intervals (*Bancroft*)
5. **Carly Isakowitz, Amber Campitelli, Daveon McMullen, Kassandra Kayser, & Jessica Irons.** The effects of alcohol priming in social drinkers on the relative reinforcing value of alcohol (*James Madison University*)
6. **Shari M. Pincus, Griffin W. Rooker, Jill C. Fodstad, Louis P. Hagopian, & Patricia F. Kurtz.** Clinical assessment of problem behavior maintained by divided attention (*Kennedy Krieger Institute, the Johns Hopkins University School of Medicine, Indiana School of Medicine, & UMBC*)
7. **Faris Kronfli, Eliana Pizarro, Griffin Rooker, Meghan Deshais, Steve Hudkins, Shari Pincus, & SungWoo Kahng.** Fading of multiple dimensions of interaction to increase tolerance of social attention for an individual diagnosed with autism spectrum disorder (*Kennedy Krieger Institute & the Johns Hopkins University School of Medicine*)
8. **Faris Kronfli, Meghan Deshais, Steve Hudkins, Shari Pincus, & SungWoo Kahng.** The use of fading and punishment procedures to decrease spitting behavior for an individual diagnosed with autism spectrum disorder (*Kennedy Krieger Institute & the Johns Hopkins University School of Medicine*)
9. **Mindy C. Scheithauer, Griffin W. Rooker, Jennifer R. Zarcone, Jonathan D. Schmidt, & Iser G. DeLeon.** Measuring and treating the force of problem behavior (*Kennedy Krieger Institute & the Johns Hopkins University School of Medicine*)
10. **Kaitlin Balka & Sara Kuperstein.** An evaluation of sensory breaks with and without differential reinforcement to reduce stereotypy in an applied setting (*The Inymount School and Programs*)
11. **Patrick Grugan & Lauren Troy.** Evaluation and intervention of clothing ripping (*Bancroft*)
12. **Megan Black, Stacey McIntyre, Lauren Lestremou, & Samantha Reuter.** The effects of type of demand, setting, and instructional practices on accuracy of responding, engagement, and latency to responding (*The Inymount School and Programs*)
13. **Sonam Dubal, Sean W. Smith, Tracy L. Kettering, Katie Chamberlin, & Frances Perrin.** An assessment to identify the relation between repetitive mands and problem behavior (*Bancroft & Rider University*)
14. **Anthony Concepcion, Griffin W. Rooker, Kevin J. Schlichenmeyer, Eileen M. Roscoe, Natalie U. Rolider, Shari Pincus, Louis P. Hagopian, & William V. Dube.** Measurement of between-session responding during functional analysis of problem behavior (*Kennedy Krieger Institute, the Johns Hopkins University School of Medicine, University of Massachusetts Medical School - Shriver Center, New England Center for Children*)
15. **Jaclyn A. Brande, Timothy E. Gray, Melissa F. Pohl, Huna Yim, & Theodosia R. Paclawskyj.** Treatment of high-risk elopement across clinic, home, and school settings (*Kennedy Krieger Institute & the Johns Hopkins University School of Medicine*)
16. **Kathy Golembiewski & Nicholas Forvour.** Treatment effects of antecedent interventions, extinction and differential reinforcement on problem behaviors occasioned by escape from transition to community outings (*Bancroft*)
17. **Vivian Ibanez, Brielle Schildkraut, Amanda Rill, Margaret Alter, Erica Forby-Stevenson, Melissa L. Gonzalez, & Tessa Taylor.** Reinforcer assessment in food refusal: Evaluating the preference for functional reinforcers and food preferences across preferred and nonpreferred foods during repeated exposure (*Kennedy Krieger Institute, UMBC, & the Johns Hopkins University School of Medicine*)
18. **Tonya Lambert, Tessa Taylor, Alison Kozlowski, & Melissa Gonzalez.** Function-based treatment of inappropriate mealtime behavior in the context of choice (*Kennedy Krieger Institute & the Johns Hopkins University School of Medicine*)
19. **Jane M. Barbin, Lauren R. Hawkins, & Stacey M. McIntyre.** Short term ABA treatment for children with autism: Outcome and parent perception (*Behavioral Directions, LLC & Inymount School*)
20. **Meghan Deshais, Cara Phillips, Jeanne Donaldson, & SungWoo Kahng.** The effects of motivating operations on the acquisition of imitation skills (*Kennedy Krieger Institute, the Johns Hopkins University School of Medicine, & Texas Tech University*)
21. **Claire Donehower, M. E. B. Lewis, & Patricia O'Malley.** Use of iPads to facilitate independent task completion in the classroom (*Kennedy Krieger Institute*)
22. **Shelley M. McDermott & Maureen van Stone.** Parental perception of the transition process and the role of non-school affiliated professionals (*Kennedy Krieger Institute*)
23. **Nicole Sullivan, Lindsay K. Prause, Erin Ullmann, & Kimberly Borgmann-Hayes.** Teaching pronoun use to a participant with English as a second language (*Bancroft*)
24. **Maegan Pisman, Griffin Rooker, Jennifer Zarcone, & Louis P. Hagopian.** Classification of repetitive behavior in hospitalized in-patients with autism and co-morbid intellectual disability (*Kennedy Krieger Institute & the Johns Hopkins University School of Medicine*)
25. **Lydia T. Nguyen, Neville Galloway-Williams, Jonathan C. Waldron, & Lee D. Cooper.** Broad autism phenotypes status and categories of stress and impairment (*Virginia Polytechnic Institute and State University*)

26. **Karin Stern, Urszula Wojciechowska, Emily Sangkavasi, & Melissa Gonzalez.** A preliminary evaluation of a brief behavioral workshop for caregivers (*Kennedy Krieger Institute, UMBC, & the Johns Hopkins University School of Medicine*)
27. **Tamara J. Marder & Dawn W. Fraser.** Johns Hopkins University School of Education's graduate certificate in applied behavior analysis (*Johns Hopkins University*)

Reception