## MARYLAND ASSOCIATION FOR BEHAVIOR ANALYSIS

A Chapter of the Association for Behavior Analysis



## 21st Annual Conference | 07 December 2018 | Baltimore, MD

## **EVENT DETAILS**

## **KEY BALLROOM 5-8**

<b>DECEMBER 07: 8:30 am – 6:30 pm</b>
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DECEMBER OF OR UNIT OF PIN		
7:30 am	Registration & Continental Breakfast	
8:30 am	Jolene Sy, Ph.D., BCBA-D   UMBC	
9:00 am	Janet S. Twyman, Ph.D., BCBA-D, LBA   Center on Innovations in Learning   *BACB*APA*	
10:00 am	Carole Van Camp, Ph.D., BCBA-D   University of North Carolina at Wilmington   *BACB*APA*	
11:00 am	Carol Pilgrim, Ph.D.   University of North Carolina at Wilmington   *BACB*APA*	
12:00 pm	Lunch on your own	
1:30 pm	Claire St. Peter, Ph.D., BCBA-D   West Virginia University  *BACB*APA*	
2:30 pm	Dorothea C. Lerman, Ph.D., BCBA-D   University of Houston Clear Lake  *BACB*APA*	
3:30 pm	Panel: Moderated by Jennifer R. Zarcone, Ph.D., BCBA-D    May Institute  *BACB*APA*	
4:30 pm	Poster Session, Sponsor Expo & Reception (Key South Foyer, 2nd Floor, Hilton)	

## **Continuing Education Instructions (CEs)**

This year we will be using an online system to track attendees' CEs.

Please enter your Name, Email, and Affiliation as directed. Select whether you need credits for: BACB, APA, or

both.

Check in/out codes will be provided at the beginning and conclusion of each talk.

Attendees must check in within the first 10 minutes of each talk and check out during the last 10 minutes.

CEs must be purchased separately and <u>may not</u> be purchased after 1/20/2019.

You will not receive credit if you do not check in/out at the appropriate times as per BACB guidelines. MABA is an approved ACE provider for Type 2 CE Events. Please locate a MABA staff member for assistance at the CE table in the foyer.

## 21st Annual Conference | 2018

## **INVITED SPEAKERS**

#### 9:00-10:00

## The Teaching Machine in the Digital Age: The Convergence of Education, Technology, and Behavior Analysis

Introduced by: Shelby Potter, UMBC



Janet S. Twyman
Center on Innovations
in Learning

Behavior analysis has had a role in effective, efficient education "technology" since Skinner's development of the teaching machine in the 1950's. Major contributions in behavioral education—such as Skinner's technology of teaching, Keller's personalized systems of instruction, Markle's instructional design and concept formation, Lindsley's precision teaching, Heward's active student responding, Johnson & Layng's generative instruction—have provided a foundation for meaningful, system-wide change in teaching and learning. Recent substantial changes in education policy and practice, such as personalized learning and competency-based education, share critical features with behavior analysis. The explosion of digital technologies, an increased understanding of their capabilities, and a newfound emphasis on measurement and analytics enhance our ability to improve student learning and enhance teacher expertise. Behavior analysts can leverage advances in learning science and digital tools to make teaching and learning more efficient, more effective, more enjoyable, and applicable to a larger set of learning areas. We will examine various instructional technology tools while discussing the congruence between behavior analysis and enhanced opportunities in education for greater learning and better outcomes for all.

#### 10:00-11:00

#### Physical Activity in Children: Measurement, Assessment, and Intervention

Introduced by: Sodany Huy, UMBC



Carole Van Camp University of North Carolina-Wilmington

Physical activity is linked to better health outcomes for all individuals; as such, the Center for Disease Control have recommended that children engage in 60 minutes of moderate-to-vigorous physical activity (MVPA) per day. In this presentation I will describe research focusing on a) identifying objective, reliable, and practical measures of physical activity including (direct observation, pedometers, accelerometers, and heart rate monitors), b) determining individualized criteria MVPA, and c) evaluating the effectiveness of interventions to increase physical activity.

## INVITED SPEAKERS

#### 11:00-12:00

## Translational Research and Stimulus Equivalence: A Case Study in the Benefits of Integrated Basic, Applied, and Conceptual Behavior Analysius

Introduced by: Breanna Burns, UMBC



Carol Pilgrim
University of North
Carolina-Wilmington

There can be little doubt that Sidman's original definition of stimulus equivalence (Sidman & Tailby, 1982), based on the mathematical properties of reflexivity, symmetry, and transitivity, provided a critical starting point for a behavior-analytic examination of complex human repertoires often described in cognitive terms. As important as this starting point has proved to be, recent findings in equivalence research indicate that the original definition may not capture well the full range of emergent behavior patterns that are possible. Restricting ourselves to only those mathematical properties may underestimate the power and the promise of equivalence approaches for understanding and establishing necessary functional skills. This talk will review the basic equivalence approach, and then provide examples of emergent patterns that go far beyond the properties of reflexivity, symmetry, and transitivity. In doing so, the talk will highlight the benefits of lessons learned in applying equivalence approaches for basic science, and the potential that lies in application of new laboratory findings for furthering the impact of equivalence approaches.

#### 1:30-2:30

## **Supporting Teachers as Behavioral Engineers: Creating High-Quality Trainings** for School Contexts

Introduced by: Revae Boykins, UMBC



Claire St. Peter
West Virginia
University

American teachers are increasingly asked to manage difficult behavior in the classroom, and consistently report feeling unprepared to do so. To have the greatest positive impact on child behavior, teachers must be able to implement high-quality, empirically based interventions. Behavior analysts can assist teachers by determining teachers' skill sets and the fidelity with which teachers implement procedures. These fidelity data can serve as quality indicators as teachers receive additional training. Data from our research group suggests that teachers need frequent training and supports to become successful implementers. To sustain behavior-analytic practice in schools, our trainings must meet both our quality standards and be "do-able" for school districts. I will describe three ways that behavior analysts can adapt well-established behavioral skills training to increase our impact in educational contexts.

#### **SAVE THE DATE!**

Please join us for our Annual Meeting on December 5-6, 2019!

## 21st Annual Conference | 2018

## **INVITED SPEAKERS**

2:30-3:30

## Soaring Beyond the Nest: Preparing Individuals with Autism for Life After High School

Introduced by: Caitlyn Malone, UMBC



**Dorothea Lerman** *University of Houston-Clear Lake* 

An increasing number of individuals with autism are entering adulthood without adequate preparation for successful transitions to work or college. Behavior analysts have much to offer these individuals as they prepare for life after high school. This presentation will provide an overview of skills critical to success in maintaining employment and for successfully navigating post-secondary education environments. The presentation will focus on how to assess and teach effective social skills in work and college settings. Outcomes of research and practice for teaching job-related social skills and for providing supports to college students with autism will be described.

3:30-4:30 Panel: Women as Leaders in Behavior Analysisb

Moderated by: Jennifer Zarcone, May Institute

This year at MABA we will have several prominent women in our field sharing their research and knowledge in behavior analysis as keynote speakers. In addition to their presentations, there will be a panel that will focus on the successes and barriers that they have each experienced as they have developed into leaders in our field. Specifically, we will be learning about barriers to success in their roles as clinicians, academics, researchers, and administrators. The panel will also discuss ways that the members have been able to strike a balance between their careers, family, and other demands. Finally, the panel will also provide attendees with information on how to move effectively into leadership positions in our field.

Join us for the Reception, Sponsor Expo & Poster Presentation immediately following the conference.

Thank you to all members for supporting MABA!

# Thank you to all our sponsors! Be sure to visit sponsor tables in the foyer for more information.

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