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in conjunction with
CONTINUING EDUCATION

*Florida Tech offers more options than any other school
to those interested in behavior analysis!*

ABA ONLINE PROGRAM

Complete all the instructional requirements for certification in behavior analysis. Take approved BACB® coursework toward your BCBA® or BCaBA® certification completely online with Florida Tech's continuing education program with highly structured and time-tested curriculum developed by internationally recognized behavior analysis professor, Jose Martinez-Diaz, Ph.D., BCBA-D.

M.A. HYBRID PROGRAM IN PROFESSIONAL BEHAVIOR ANALYSIS

Complete all requirements to sit for the BCBA® exam and earn your master's degree at the same time with Florida Tech's hybrid program. This program consists of our ABA Online BCBA course sequence, additional online courses, and a one-year-in-residence component during which students work at one of our growing list of partner agencies throughout the country.

ORLANDO MASTER'S PROGRAM IN APPLIED BEHAVIOR ANALYSIS (ABA)

Earn your M.S. degree in ABA and complete all requirements to sit for the BCBA® exam in as little as two years while working full-time. Apply five of the credits from our ABA Online sequence toward your degree, and pay extended-study tuition rates for the remainder of your credits (50% less than regular on-campus rate).

THREE MELBOURNE MASTER'S PROGRAMS IN BEHAVIOR ANALYSIS

Complete your M.S. in applied behavior analysis (ABA), organizational behavior management (OBM), or ABA and OBM at our main campus. Spend two years working side-by-side with professors who provide one-on-one research and practicum supervision. Students are fully prepared to work as ABA practitioners or to successfully compete for admissions to top-tier Ph.D. programs, including our own!

MELBOURNE DOCTORAL PROGRAM IN BEHAVIOR ANALYSIS

The Ph.D. program in behavior analysis is for students looking for academic, research, or other leadership positions in our discipline. Ph.D. graduates successfully compete for faculty positions and positions at major research centers.

Visit us at <http://aba.fit.edu> or <http://cpla.fit.edu/aba> for more information



31st Annual Meeting
of the
Southeastern Association
for
Behavior Analysis

Hilton Wilmington Riverside

Wilmington, NC

October 30-November 1, 2014

SEABA is a Regional Affiliate
of the
Association for Behavior Analysis International

SEABA

The Southeastern Association for Behavior Analysis, founded in 1984, is a regional scholarly organization and an affiliated chapter of the Association for Behavior Analysis International. It exists primarily to promote scholarly interchange in behavior analysis through its annual convention. Membership is open to anyone with a scholarly interest in Behavior Analysis.

OFFICERS

- President:** Christina Alligood
Disney's Animal Kingdom
- President-elect:** Elizabeth Kyonka
West Virginia University
- Past President:** Wendy Donlin Washington
University of North Carolina at Wilmington
- Secretary/Treasurer:** Karen G. Anderson
West Virginia University
- Program Chair:** Allison Tetreault
*Community Living Opportunities
and the University of Kansas*
- SPECIAL THANKS TO**
- Webmaster:** Tracy Zinn
James Madison University

SEABA also gratefully acknowledges Florida Institute of Technology's Department of Behavior Analysis for sponsoring the A/V portion of this year's conference; UNCW for providing equipment for the poster session; Disney's Animals, Science, and Environment for program and name badge printing; West Virginia University, University of North Carolina Wilmington, Columbus State University, and University of Kansas students for their professional service running the registration table and poster session; and James Madison University for hosting the SEABA web site:
www.seabaonline.org.

PROGRAM POSTERS

- A Behavior Analysis Doctoral Program at West Virginia University**
West Virginia University (Morgantown, WV)
- B Behavioral Neuroscience Doctoral Program at West Virginia University**
West Virginia University (Morgantown, WV)
- C Science, Skinner, & Surf: Master of Arts in Psychology**
Behavior Analysis Program
University of North Carolina Wilmington (Wilmington, NC)
- D Florida Institute of Technology's School of Behavior Analysis**
Florida Institute of Technology (Melbourne, FL)

We thank the following institutions for their contributions to SEABA!



*Florida Institute
of Technology*
High Tech with a Human Touch™



16. **Comparison of Change-Point Analysis Techniques with Simulated and Obtained Spatial Discrimination Reversal Performance**, Craig W. Cummings, Blake A. Hutsell, and M. Christopher Newland (*Auburn University*)
17. **Resistance to Change for High and Low Response Rates Maintained by Equal Variable-Interval Schedules of Reinforcement**, James E. Cook & Kennon A. Lattal (*West Virginia University*)
18. **Olfactory matching- and non-matching-to-sample in rats**, Samantha Hess, Tiffany Phasukkan, Ashley Prichard, Danielle Panoz-Brown, Catharine Nealley, Michael Mathews, Katherine Dyer, Erin Lackey, Katrina Gobenciong, Alyssa Cawley, Mark Galizio, and Kate Bruce (*University of North Carolina Wilmington*)
19. **Resurgence Following Multiple- and Single-Mand Training**, Jacob Pagano and Chata A. Dickson (*The New England Center for Children and Western New England University*)
20. **Instructional Programming in Onset-Rime Recombination to Teach Reading**, Susan J. Loveall, Carol Cummings, and Kathryn Saunders (*University of Kansas*)
21. **The “Fast-Matching Protocol”: A computerized operant chamber for humans**, Bryan Klapes, Nick Calvin, and Andrei Popa (*Emory University*)
22. **Deposit Contracts to Increase Walking in Healthy Adults**, Matthew Taylor (*University of North Carolina Wilmington*), Lilian A. Hatcher (*University of North Carolina Wilmington*), Derek McMullen (*University of Central Florida*), Amanda Devoto (*University of North Carolina Wilmington*), Bryan Acton (*Virginia Polytechnic Institute*), and Wendy Donlin Washington (*University of North Carolina Wilmington*)
23. **An Examination of the Correspondence of Preference Assessment Methods**, Victoria J. Martin, Carole M. Van Camp, Caroline E. Forman, Becca L. Horton, Casey L. Kenny, & Kelsey B. Middleton (*University of North Carolina Wilmington*)
24. **A Comparison of Different Consequences for Correct Responses During Discrete Trial Instruction**, Brad T. Joachim, Regina A. Carroll, and Jessica M. Cheatham (*West Virginia University*)
25. **Indices of Moderate and Vigorous Physical Activity Levels in Children**, Matt Eckard, Carole Van Camp, Hana Kuwabara, Alex Schomo, and Mary Quinn (*University of North Carolina Wilmington*)
26. **Training Caregivers to Implement Pediatric Feeding Protocols: Is In-Vivo Feedback Enough?**, Billie J. Klein, Amanda L. Gibson, Melanie H. Bachmeyer, Caitlin A. Kirkwood, and Courtney R. Mauzy (*University of North Carolina Wilmington*)
27. **Assessment and Regulation of Physical Activity Levels in Children**, Hana Kuwabara, Carole Van Camp, and Matthew Eckard (*University of North Carolina Wilmington*)
28. **A Comparison of Two Methods of a Functional Analysis of Inappropriate Mealtime Behavior**, Caitlin A. Kirkwood, Melanie H. Bachmeyer, Amanda B. Criscito, Diane P. Berth, Courtney R. Mauzy (*University of North Carolina Wilmington*)
29. **Intermittent Monetary Reinforcement to Increase Walking**, Amanda Devoto, Lilian A. Hatcher, Matthew A. Taylor, Heather J. Fleuriet, Kaitlyn E. Proctor, Dalton Camp, and Wendy Donlin Washington (*University of North Carolina Wilmington*)

Thursday, October 30 – Cape Fear Lobby

7:00 – 11:00 p.m. **Opening Reception/Registration Social with Cash Bar**

Friday, October 31 – Cape Fear Ballroom

8:00 a.m. **Registration: Coffee and Pastries**

8:45 a.m. **OPENING REMARKS**
Christina Alligood, President
Disney’s Animal Kingdom

9:00 a.m. **THE BEHAVIORAL ORIGINS OF HUMAN SUBOPTIMAL CHOICE**

Thomas R. Zentall
University of Kentucky
Chair: Angela Goolsby, Columbus State University

10:00 a.m. **THE USE OF TECHNOLOGICAL ADVANCES IN DRUG ADDICTION RESEARCH**

Jin Yoon
University of Texas Health Science Center, Center for Neurobehavioral Research on Addictions
Chair: Amanda Devoto, University of North Carolina Wilmington

11:00 a.m. **Break**

11:15 a.m. **DEVELOPMENT, DESIGN, AND EVALUATION OF A WEB-BASED SOLUTION FOR AUTISM EDUCATION: THE AUTISM CURRICULUM ENCYCLOPEDIA**

Chata Dickson
The New England Center for Children, Western New England University
Chair: Caitlin Kirkwood, University of North Carolina Wilmington

12:15 p.m. **Lunch**

1:45 p.m. **THE BEHAVIOR ANALYST’S UTILITY BELT IN 2025: WHAT SHALL WE DO WITH THESE WONDERFUL TOYS?**

William, J. McIlvane
University of Massachusetts Medical School
Chair: Carol Cummings, University of Kansas

2:45 p.m. **NEURAL NETWORK ALTERATIONS IN ALZHEIMER'S DISEASE**
Miranda N. Reed
West Virginia University
Chair: Michael Mathews, University of North Carolina Wilmington

3:45 p.m. **Break**

4:00 p.m. **BEHAVIORAL ECONOMICS OF HIV RISK BEHAVIOR IN HUMANS: ACUTE EFFECTS OF COCAINE, METHAMPHETAMINE AND ALCOHOL ON SEXUAL DISCOUNTING**
Matthew W. Johnson
Johns Hopkins University School of Medicine
Chair: Jenny Ozga, West Virginia University

5:00 p.m. **Business Meeting**

8:00 p.m. – Midnight. **Poster Session & Social with Cash Bar**

Saturday, November 1 – Cape Fear Ballroom

8:00 a.m. **Coffee and Pastries**

8:30 a.m. **SAFEWALK: AN INSTRUCTIONAL DESIGN CURRICULUM FOR CHANGING THE BEHAVIOR OF HUMANS WHO CARE FOR DOGS IN SHELTERS**
Terri Bright
MSPCA-Angell
Chair: Stephanie Kincaid, West Virginia University

9:30 a.m. **IMPROVING TREATMENT INTEGRITY THROUGH EVIDENCE-BASED STAFF TRAINING AND SUPERVISION**
Amanda Guld Fisher
Temple University
Chair: Jessica Cheatum, West Virginia University

10:30 a.m. **Break**

10:45 a.m. **CHANGE**
K. Andy Lattal
West Virginia University
Chair: Joshua Lightfoot, University of North Carolina Wilmington

11:45 – Noon. **CLOSING CEREMONY**

Abstracts for invited talks are online at
<http://www.seabaonline.org/conference.html>

Poster Presentations – Magnolia Room

1. **Effects of Aging on Learning and Memory in an Alzheimer's Disease Mouse Model**, Carolyn C. Rudy, Daniel S. Weitzner, Holly C. Hunsberger, and Miranda N. Reed (*West Virginia University*)
2. **Riluzole rescues glutamate dysregulation in a TauP301L mouse model of Alzheimer's disease**, Holly C. Hunsberger, Daniel S. Weitzner, Carolyn C. Rudy, and Miranda N. Reed (*West Virginia University*)
3. **Attenuating memory deficits in a TauP301L mouse model of Alzheimer's disease through the use of riluzole**, Daniel S. Weitzner, Carolyn C. Rudy, Holly C. Hunsberger, and Miranda N. Reed (*West Virginia University*)
4. **Effects of Methoxetamine on a Multiple FR 30 FI 240s Schedule**, Michael Mathews, Matthew Taylor, Savanna Daughtry and Wendy Donlin Washington (*University of North Carolina Wilmington*)
5. **Effects of Repeated Morphine on Intracranial Self-Stimulation in Rats In the Absence or Presence of a Noxious Pain Stimulus**, Laurence L. Miller (*Georgia Regents University Augusta*), Ahmad A. Altarifi (*Jordan University of Science and Technology*), and S. Stevens Negus (*Virginia Commonwealth University*)
6. **The Effects of Nicotine and Delay in a List-Learning Task in Rats**, Elizabeth Rigsbee (*University of North Carolina Wilmington*)
7. **Sex differences in body weight and alcohol consumption in adolescent rats**, Andrew Hawkey, Rekha Gupta, Megan Carter, Logan Fields and Susan Barron (*University of Kentucky*)
8. **Effects of Sub-Chronic Ketamine on the Odor Span Task and Reversal Learning in Rats**, Danielle Panoz-Brown, Chloe Myers, Katrina Gobenciong, Courtney Anderson, Ashley Prichard, Melissa Deal, Samantha Hess, Scott Hannah, Remy Welch, & Mark Galizio (*University of North Carolina Wilmington*)
9. **Tolerance to the Effects of *d*-Amphetamine following Chronic Administration**, Vanessa Minervini and Marc N. Branch (*University of Florida*)
10. **Rapid Acquisition of Preference in Concurrent Chains: Effects of Morphine on Sensitivity to Reinforcement Amount**, William D. Fetzner, Matthew L. Eckard, Christine E. Hughes, & Raymond C. Pitts (*University of North Carolina Wilmington*)
11. **A Spreadsheet Tool to Automatically Score 21- and 27-Item Kirby Multiple Choice Questionnaires**, Brent A. Kaplan (*University of Kansas*), Shea M. Lemley (*University of Kansas*), Derek D. Reed (*University of Kansas*), Allison S. Tetreault (*Community Living Opportunities*), and David P. Jarmolowicz (*University of Kansas*)
12. **Temporal Control in Multiple and Mixed Peak-Interval Schedules**, Shrinidhi Subramaniam and Elizabeth Kyonka (*West Virginia University*)
13. **Emergent Stimulus Relations in Rats: Identity - Yes! Symmetry - No!**, Katherine Dyer, Catharine Nealley, Ashley Prichard, Danielle Panoz-Brown, Tiffany Phasukkan, Michael Mathews, Samantha Hess, Erin Lackey, Katrina Gobenciong, Alyssa Cawley, Mark Galizio, and Kate Bruce (*University of North Carolina Wilmington*)
14. **A Test of Socially Learned Conditional Discrimination in Pigeons**, Angela Goolsby and Stephanie P. da Silva (*Columbus State University*)
15. **Escape from Rich-to-Lean Transitions with Stimulus Change**, Elizabeth T.P. Parthum, Billie J. Klein, Raymond C. Pitts, and Christine E. Hughes (*University of North Carolina Wilmington*)