

## **SEABA**

The Southeastern Association for Behavior Analysis, founded in 1984, is a regional scholarly organization and an affiliate of the Association for Behavior Analysis. 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:** Sherry L. Serdikoff  
James Madison University
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- Secretary:** Dean C. Williams  
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## **SPECIAL THANKS TO**

- Webmaster:** Sherry L. Serdikoff  
James Madison University



**21st Annual Meeting**  
of the  
**Southeastern Association**  
**For**  
**Behavior Analysis**

Hilton Charlotte and Towers  
Charlotte, NC  
October 21-23, 2004

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

**Thursday, October 21**

6:00 - 10:00 p.m. – **Registration 2<sup>nd</sup> floor**

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

**Friday, October 22- Charlotte Room**

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

8:45 a.m. **Opening Remarks**  
*President Sherry L. Serdikoff*  
*James Madison University*

9:00 a.m. **Contingencie and concepts: An equivalence analysis of categorization**  
*Mark Galizio, University of North Carolina-Wilmington*  
**Chair:** Ellie McCartney, West Virginia University

10:00 a.m. **Myth or F.A.C.T. (Functional approach to conceptualization and treatment) of ADHD?**  
*Nancy Neef, Ohio State University*  
**Chair:** Marta Leon, West Virginia University

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

11:15 a.m. **Mechanism revisited: So, what's the problem?**  
**M. Jackson Marr**, Georgia Institute of Technology  
**Chair:** Rachelle Yankelevitz, University of Florida

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

1:45 p.m. **The role of the behavior analyst in school-wide positive behavior support**  
*Donald Kincaid, University of South Florida*  
**Chair:** Tyler Weeks West Virginia University

**Saturday, October 28 - Charlotte Room**

8:30 a.m. **Coffee and Pastries**

9:00 a.m. **Voices from the history of behavior analysis**  
*Alexandra Rutherford, York University*  
**Chair:** Harold Lobo, West Virginia University

10:00 a.m. **Training and generalization of safety skills to prevent gun play in children**  
*Ray Miltenberger, North Dakota State University*  
**Chair:** Mary Shreve, University of Florida

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

11:15 a.m. **Unpleasantly out of date: The status of operant research and theory on aversive control**  
*Thomas Critchfield, Illinois State University*  
**Chair:** Christy Ashford, West Virginia University

12:15 - 12:30 p.m. **Closing Ceremony**

**8. Establishing control of stereotypy by an antecedent stimulus using punishment**

Shannon S. Doughty (West Virginia University and Parsons State Hospital and Training Center), Cynthia M. Anderson (West Virginia University), Adam H. Doughty, Dean C. Williams, Kathryn J. Saunders (University of Kansas and Schiefelbusch Institute for Life Span Studies – Parsons)

**9 Vector Determination in Pigeons**

Michelle Hernandez, Jeffrey S. Katz, Kent D. Bodly, Bradley R. Sturz (Auburn University)

**10 Effects of d-amphetamine on duration discrimination in the pigeon**

Erin A. McClure, Kathryn A. Saulsgiver, Clive D.L. Wynne (University of Florida)

**11 Effects of Nicotine on Response-Contingent Light, Dark, and Food Production.**

Bethany R. Raiff, John Chesley Wilson, Jesse Dallery (University of Florida)

**12 Is token-loss an aversive event?**

Bethany R. Raiff, Christopher Bullock, Timothy D. Hackenberg (University of Florida)

**13 Examining the Spontaneously Hypertensive Rat (SHR) as an Animal Model of Attention Deficit/Hyperactivity Disorder (ADHD): An Analysis of delay-of-Reinforcement Gradients**

Erin Pitts, L. Brooke Poerstel, Jonathan M. Slezak, Kristina T. Austin, Justin A. McWethy, Sherry L. Serdikoff (James Madison University)

**14 The Stability of Cocaine Dose-Response Curves**

Julie A. Marusich & Marc N. Branch (University of Florida)

**15 The Effects of Tactical and Strategic Instructions on Emergent Relations**

Harold E. Lobo, Philip N. Chase (West Virginia University)

**16 Visual Reinforcement in Female Betta Splendens**

Mirari Elkoro, Kennon A. Lattal (West Virginia University)

**17 Maximization on single-alternative schedules revisited**

Paul L. Soto, Jesse Dallery (University of Florida)

**18 Problem Solving in a Virtual Environment: Specific and General Experience Interact**

Bradley R. Sturz, Kent D. Bodily, Jeffrey S. Katz, & Michelle Hernandez (Auburn University)

**19 An Internet-Based Voucher Program for Smoking Abstinence**

Steven Meredith, Irene Glenn, Jesse Dallery (University of Florida)

**20 Human Transitive Inference Under Verbal and Nonverbal Procedures**

Adam H. Doughty, Dean C. Williams, and Kathryn J. Saunders (University of Kansas-Parson)

**21 Data Supporting the Need for Master's Training in Applied Behavior Analysis**

Maureen T. Aro, Carol Pilgrim (University of North Carolina at Wilmington)

**22 Social Phobia, Avoidance, and Response Class**

Becky de Mayo, Amanda Hardy, P. Scott Lawrence (University of North Carolina at Greensboro)

**23 Effects of extended sample-observing response requirement on titrating delay in a matching-to-sample procedure.**

Brian D. Kangas, Manish Vaidya (University of North Texas)

**24 Effects of methylmercury and selenium on acquisition of fixed ratio performance under a progressive ratio schedule**

Erin Pesek, Wendy Donlin, Elizabeth Rahn, M. Christopher Newland (Auburn University)

**25 The effects of extended observing and choice-response requirements on generalized identity matching in pigeons**

Yusuke Hayashi, Manish Vaidya (University of North Texas)

**26 Factors Potentiating Caffeine Self-Administration in Rats**

Shanna Babalonis, Steven I. Dworkin (University of North Carolina at Wilmington)

**27 Effects of cocaine on a FI schedule of reinforcement with three different conjunctive FR values**

Daniel Lennartz, Jin Ho Yoon, Marc N Branch (University of Florida)

**28 Effects of a limited hold on pigeons' matching-to-sample performance under Fixed-Ratio Schedules**

Joseph Cermak, Manish Vaidya (University of North Texas)

**29 Lesioning the orbital prefrontal cortex improves sensitivity to temporally extended consequences in rats?!: Some unexpected preliminary findings.**

Cathryn R. Watkins, Rachel Ward, Bonnie Henry, Eric A. Jacobs, Douglas C. Smith, Michael Hoane (Southern Illinois University—Carbondale)

**30 Log survivor analysis of rats' responding on constant probability variable interval schedules: Does the algorithm matter?**

Blake Hutsell, Eric A. Jacobs (Southern Illinois University—Carbondale)

**31. Set-Size Expansion Produces Control by Relations**

Kent D. Bodily, Jeffrey S. Katz, Michelle Hernández, Bradley R. Sturz (Auburn University) and Anthony A. Wright (The University of Texas Medical School at Houston)

2:45 p.m. **A conceptual analysis of selectionism**

*Hayne Reese*, Emeritus, West Virginia University

**Chair:** Natalie Jacome, University of North Carolina, Wilmington

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

4:00 p.m. **Some behavioral contributions to the assessment and treatment of cigarette smoking**

*Jesse Dallery*, University of Florida

**Chair:** Chrissy Engle, University of North Carolina, Wilmington

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

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

**Poster Presentations-Carolina Hall**

**1 Log Survivor Function Comparisons**

Matthew Weaver (University of Florida)

**2 The Presence of Another Player's Score Affects Choice in the Prisoner's Dilemma**

Bryan K. Saville (James Madison University)

**3 Analysis of bouts of lever pressing maintained under a percentile IRT 10:0.5 schedule of reinforcement**

Wendy Donlin, M Christopher Newland (Auburn University)

**4 Effects of d-amphetamine on a multiple continuous DRL discrete DRL schedule**

Kathryn A. Saulsgiver (University of Florida), Erin McClure (University of Florida), Clive Wynne (University of Florida)

**5 Effects of Gestational Methylmercury and Continued Selenium Exposure on Lever-Pressing under a Mult FI 120 FIClock 120 Following Acute Cocaine Administration.**

Miranda Reed, M. Christopher Newland (Auburn University)

**6 MTS Set-size Expansion Produces Control by Relations**

Kent D. Bodily, Jeffrey S. Katz, Michelle Hernández, Bradley R. Sturz, Anthony A. Wright (Auburn University)

**7 Delay Discounting, Procrastination, and Impulsivity**

Renee Lambert, David Gentry (College of Charleston)