

sqab
Society for the Quantitative Analyses of Behavior
42nd Annual Meeting, May 23 - May 24, 2019
Swissôtel Chicago, Illinois



Thursday, May 23: Registration, 11:30 am -1:00 pm

- 1:00** **Christopher A. Podlesnik, Florida Institute of Technology:** *President's Introduction*
- 1:15** **Thomas R. Zentall, University of Kentucky:** *Procrastination in the Pigeon: Can Conditioned Reinforcement Increase the Likelihood of Human Procrastination?*
- 1:55** **Jerry B. Richards, University at Buffalo:** *Genome Wide-Association Study (GWAS) of Operant Behavior in Rats*

Break and Refreshments: 2:20 – 2:35

- 2:35** **Todd L. McKerchar, Jacksonville State University:** *Tests of an Indifference Rule in Variable-Delay and Double-Reward Choice Procedures with Humans*
- 3:15** **Emma Childs, University of Illinois at Chicago:** *Using Conditioned Place Preference to Study Drug Conditioning in Humans*

Break and Refreshments: 3:55 – 4:10

- 4:10** **Richard Yi, The University of Kansas:** *Associations between Cannabis Use Measures and Valuation of Future Cannabis*
- 4:50** **Randolph C. Grace, University of Canterbury:** *On the Origins of Computationally-Complex Behavior*
- First Poster Session [Posters 1 - 38] & Cash Bar: 7:00–9:30 pm –**

Friday, May 24: Registration, Coffee, & Pastries, 7:45 – 9:00 am

8:00 – 8:50

Student member-focused panel discussion (though all are welcome to attend):
What's Next? A Panel Discussion on Opportunities after Graduate School
Jonathan E. Friedel, National Institute for Occupational Safety and Health
Jillian M Rung, University at Buffalo
Forrest Toegel, The Johns Hopkins University
Chair: Allyson R. Salzer, The University of Kansas

- 9:00** **Sally L. Huskinson, University of Mississippi Medical Center:** *Uncertainty as a Major Factor Underlying Substance Use Disorder*
- 9:40** **Jonathan W. Pinkston, Western New England University:** *The Force Awakens: Clarifying the Role of Response Effort*

Break and Refreshments: 10:20 – 10:35

- 10:35** **Nick M. Timme, Indiana University-Purdue University Indianapolis:** *Using Information Theory and Modeling to Unravel the Decision to Drink in Alcohol Use Disorder*
- 11:15** **A. David Redish, University of Minnesota:** *The Contrasting Neurophysiology of Foraging and Deliberation in Mice, Rats, and Humans*

Lunch: 11:55 – 1:30

1:30 Daniel M. Bartels, University of Chicago: *A Preliminary Investigation of How Well (and Maybe Why) Laboratory-Derived Estimates of Temporal Discounting Relate to Self-Reported Behaviors*

2:10 Meredith S. Berry, University of Florida: *Visual Exposure to Nature Expands Time and Space Perception and Reduces Delay Discounting*

Break and Refreshments: 2:50 – 3:10

3:10 Warren K. Bickel, Virginia Tech Carilion Research Institute: *Resolving a Contradiction of Addiction/Obesity Science by Clarifying the Function of Substances and Obesogenic Foods: A Behavioral Economic Approach*

3:50 The Tony Nevin Invited Student Presentation Series

Bryan Klapes, Emory University: *Punishment in a Procedure for Rapidly Establishing Steady-State Behavior [Poster# 68]*

Brian Howatt, Kansas State University: *Adaptive Learning in Competitive Games [Poster# 40]*

Julio Camargo, Universidade Federal de São Carlos: *Using Generalized Linear Mixed-Effects Models to Analyze Data from a Common-Pool Resources Task [Poster# 55]*

Robert LeComte, The University of Kansas: *A Comparison of Responding during Three and Four Phase Resurgence Paradigms [Poster# 45]*

Cristina Santos, University of Minho: *The Effect of Reinforcement Probabilities and Reversal Predictability in a Contingency Reversal Task [Poster# 72]*

4:30 Awards & Closing Remarks

4:35 Business Meeting

– Second Poster Session [Posters 39 – 75] & Cash Bar: 7:00–9:30 pm –



Invited Preeminent Tutorials: From Basics to Contemporary Paradigms

Saturday, May 25: Swissôtel, Zurich D

- 10:00 – 10:50 Sarah Cowie, The University of Auckland:**
Using the Past to Predict the Future
Chair: Michael Davison, The University of Auckland
- 11:00 – 11:50 William B. DeHart & Jonathan E. Friedel, Virginia Tech Carillion Research Institute and National Institute for Occupational Safety and Health:**
Multilevel Modeling for Single-Subject Designs and Model Fitting
Chair: Shawn Gilroy, Louisiana State University
- 12:00 – 12:50 The Potential of Statistical Inference in Behavior Analysis: A Panel with Discussion**
Christopher Franck, Virginia Tech
Shawn Gilroy, Louisiana State University
Amy Odum, Utah State University
Chair: Derek Reed, The University of Kansas
- 3:00 – 3:50 Paul Soto, Louisiana State University:**
Using Genetically Modified Organisms to Probe Neurobiological Bases of Behavior
Chair: Jesse Dallery, University of Florida
- 4:00 – 4:50 Caio Miguel, California State University, Sacramento:**
Stimulus Equivalence 101
Chair: Anna I. Petursdottir, Texas Christian University
- 5:00 – 5:50 Derived Stimulus Relations: A Panel with Discussion**
Erik Arntzen, Oslo and Akershus University College
Karen Lionello-Denolf, Assumption College
Daniel Fienup, Columbia University
Chair: Anna I. Petursdottir, Texas Christian University



For more information, visit sqab.org or contact Suzanne Mitchell, SQAB Program Chair, at mitchesu@ohsu.edu or Todd McKerchar, SQAB Tutorial Coordinator, tmckerchar@jsu.edu

SQAB was founded in 1978 by M. L. Commons and J. A. Nevin to present symposia and publish material that bring a quantitative analysis to bear on the understanding of behavior. SQAB proceedings focus on the development and use of mathematical formulations to characterize one or more dimensions of an obtained data set, derive predictions to be compared with data, and generate novel data analyses.

Membership is \$20 and includes one month of free electronic access to the Special Issue of *Behavioural Processes*, containing the proceedings of last year's SQAB meeting, beginning on the date of our conference. Prior to May 1, take advantage of reduced registration rates using the online payment options at <https://www.sqab.org/Registration.html>

SQAB Invited Preeminent Tutorials are recorded and made available on iTunes and YouTube:

youtube.com/c/SocietyfortheQuantitativeAnalysesofBehavior