



Society for the Quantitative Analyses of Behavior
40th Annual Meeting, May 25 - May 26, 2017
Colorado Convention Center, Denver, Colorado

Thursday, May 25: Registration, 11:00 am -12:45 pm



12:45 Lewis Bizo - University of New England: President's Introduction

Comparative and Quantitative Analyses of Behavior

1:00 Timothy Hackenberg - Reed College, USA: To Free or Not to Free: Determinants of Social Release in Rats

1:40 Kazuchika Manabe - Nihon University, Japan: Interval Timing in Small Fish

Break and Refreshments: 2:20 - 2:35

2:35 Rebecca M. Rayburn-Reeves¹, Muhammad A. Qadri², & Robert G. Cook² - ¹Armstrong State University, USA, ²Tufts University, USA: Category Learning and Dynamic Cue Use by Pigeons in a Midsession Reversal Task

3:15 Jan Kubanek - Stanford University, USA:
Economic Maximization and the Matching Law are Tied Through the Law of Diminishing Returns

Break and Refreshments: 3:55 - 4:10

4:10 Olga Lazareva, John McInnerney, Tiffany Williams, & Joyce Yuen - Drake University, USA:
Implicit Relational Learning in a Multiple-Object Tracking Task

4:50 William J. McIlvane, Christophe J. Gerard, & William V. Dube - E. K. Shriver Center, University of Massachusetts Medical School, USA: Algorithmic Analyses of Stimulus-Stimulus Relations: Some Current Directions and Illustrative Findings

- First Poster Session & Cash Bar: 7:00-9:30 pm -

Friday, May 26: Registration, Coffee, & Pastries, 7:45 - 9:00 am

9:00 Leonard Green & Joel Myerson - Washington University in St. Louis, USA:
Delay Discounting: Rat, Pigeon, Human - Does it Matter?

9:40 Kimberly Kirkpatrick - Kansas State University, USA: Time-Based Interventions to Promote Self-Control

Break and Refreshments: 10:20 - 10:40

10:40 Frank Grasso¹ & José E. Burgos² - ¹Brooklyn College, USA & ²University of Guadalajara, Mexico:
Implications of Cephalopod Biomechanics for Studies of Octopus Learning, Memory and Behavior

11:20 Robert Huber & Moira J. van Staaden - Bowling Green State University, USA: Drug-Sensitive Reward in Crayfish: Exploring the Neural Basis of Addiction with Automated Learning Paradigms

Lunch: 12:00 - 1:30

1:30 Marco Vasconcelos - University of Aveiro, Portugal:
A Functional Analysis of Choice Behavior: Linking Ecology, Foraging, and Learning

2:10 Alex Kacelnik & Andrés Ojeda Laguna - University of Oxford, UK: Reinforcement, Information and Choice

Break and Refreshments: 2:50 - 3:10

3:10 Nicky Clayton & Clive Wilkins - University of Cambridge, UK:
Conversations With and Without Words: Memory, Mental Time Travel and The Moustachio Quartet

3:50 Invited Student Presentations

4:30 Awards & Closing Remarks

4:35 Business Meeting

- Second Poster Session & Cash Bar: 7:00-9:30 pm -

\int QAB Invited Preeminent Tutorials: From Basics to Contemporary Paradigms

Saturday, May 27: Hyatt Regency, Centennial Ballroom D

Chair

- 10:00 Erin B. Rasmussen – Idaho State University, USA**
Domain Effects, Obesity, and Delay Discounting
Steven R. Lawyer
- 11:00 Panel discussion on the application of behavioral economics to obesity**
Gregory J. Madden – Utah State University, USA
Matthew P. Normand – University of the Pacific, USA
Raymond Miltenberger – University of South Florida, USA
M. Christopher Newland
- 3:00 Derek D. Reed – The University of Kansas, USA**
Applying Operant Demand Analyses to Issues of Societal Importance
Matthew W. Johnson
- 4:00 Timothy A. Shahan – Utah State University, USA**
Relapse
John (Tony) A. Nevin
- 5:00 Panel discussion on the application of theories of relapse**
David P. Wacker – University of Iowa, USA
Wayne W. Fisher – University of Nebraska Medical Center, USA
Mary M. Sweeney – Johns Hopkins School of Medicine, USA
M. Christopher Newland

Sunday, May 28: Hyatt Regency, Centennial Ballroom D

- 9:00 M. Christopher Newland¹ & Derek Pope²**
¹Auburn University, USA, ²Virginia Tech Carilion Research Institute, USA
What's the Best Model for These Data? Information Theoretical Approaches to Inference as an Alternative to Hypothesis Testing
Peter R. Killeen

For more information, visit sqab.org or contact Chris Podlesnik, SQAB Program Chair, at cpodlesnik@fit.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. Note that there is a substantial discount for members. Prior to May 1, take advantage of reduced registration rates using the online payment options at <http://www.sqab.org/conference-registration.html>

SQAB Invited Preeminent Tutorials are recorded and made available on iTunes and YouTube:
[youtube.com/c/SocietyfortheQuantitativeAnalysesofBehavior](https://www.youtube.com/c/SocietyfortheQuantitativeAnalysesofBehavior)

