

SQAB

Society for the Quantitative Analyses of Behavior

31<sup>st</sup> Annual Meeting, May 22 – 24, 2008

*Hilton Chicago, Chicago, IL, USA*

*All events will be located in Stevens 5 of the Hilton Chicago*

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**Thursday Evening, May 22**

*1<sup>st</sup> Poster Session, Cash Bar & Registration (5:00-9:00+ pm)*

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**Friday, May 23**

*Registration, Coffee & Pastries (7:00-8:15 am)*

**Randolph C. Grace**, *University of Canterbury*– President's Introduction (8:15 am)

**Michael Davison & William Baum**, *Univ. of Auckland & Univ. of California-Davis*. Modeling the dynamics of choice. (8:30)

**Donald S. Blough**, *Brown University*. Reaction time reflects response bias differently than do choice percentages. (9:05)

**Susan Schneider**, *Florida International University*. Molar and molecular matching in rats, pigeons, and quail chicks. (9:30)

*Break – Refreshments (10:05-10:25)*

**Randolph Grace, D. R. Christensen, & E. G. E. Kyonka**, *University of Canterbury*. Choice as cumulative discrimination: A model for response allocation in transition and steady-state. (10:25)

**Paulo Guihardi**, *Brown University*. Applications of a modular theory of learning and performance. (11:00)

**José Larrauri & Néstor Schmajuk**, *Duke University*. Attentional, associative, and configural mechanisms in extinction. (11:35)

*Lunch (12:10-1:40)*

**Ron Weisman**, *Queen's University*. Quantitative analysis of absolute pitch in birds. (1:40)

**David Stephens**, *University of Minnesota*. The evolution of impulsive choice: discounting or ecological rationality. (2:15)

**Derek Hamilton**, *University of New Mexico*. The relative influence of direction and place in rodent and human spatial navigation. (2:50)

*Break – Refreshments (3:25-3:40)*

**Fabián Soto & Edward Wasserman**, *University of Iowa*. Application of an elemental model of associative learning to perceptual categorization in pigeons (3:40)

**Herbert Terrace**, *Columbia University*. Ordinal knowledge. (4:15)

**Terje Sagvolden**, *University of Oslo*. ADHD as a reinforcement disorder. (4:50)

*Business meeting* (5:30 – 6:15)

*2<sup>nd</sup> Poster Session & Cash Bar* (6:30 – 9:00)

**Saturday Morning, May 24**

*Registration, Coffee & Pastries* (7:00-8:15)

**SQAB Preeminent Panel with Commentators:**

**Reinforcement Principles Today: Theory Wars or the Cafeteria Line?**

*A moderated discussion identifying historical areas of consensus, convergence, and competition*

Panelists:	Commentators:
<b>J. E. R. Staddon</b>	<b>Randolph Grace</b>
<b>John A. Nevin</b>	<b>Armando Machado</b>
<b>William Timberlake</b>	<b>Peter Killeen</b>
<b>Geoffrey Hall</b>	<b>C. R. Gallistel</b>

Panelists with diverse views will compare what people were thinking in the 60s and 70s to the way they view their work today. What do we know now after the last 40 years of research? Have we reached consensus on some issues? How should textbooks today differ from those of prior years? We especially invite discussion of the following topics: Strengthening, attraction, associative structure, behavior regulation, molar vs. molecular, economic approaches, comparative cognition, and genetic and neural influences. Should we alter the way we think about our work?

*Break – Refreshments* (9:25-9:40)

**Saturday afternoon, May 24:**

**SQAB Invited Preeminent Tutorials:**

**From Basics to Contemporary Paradigms**

Time	Author	Affiliation	Title	Chair
<b>1:00</b>	<b>C. R. Gallistel</b>	<i>Rutgers University</i>	The hierarchical organization of behavior	Alex Kacelnik, <i>Oxford University</i>
<b>2:00</b>	<b>John Staddon</b>	<i>Duke University</i>	Behavior analysis since 1960	C. R. Gallistel, <i>Rutgers University</i>
<b>3:00</b>	<b>Alex Kacelnik</b>	<i>Oxford University</i>	Facts and theories in decision making: <i>Sturnus vulgaris</i> vs. Benjamin Franklin	J. E. R. Staddon, <i>Duke University</i>
<b>4:00</b>	<b>Jack McDowell</b>	<i>Emory University</i>	Mining Wolfram’s “A New Kind of Science”	Jack Marr, <i>Georgia Institute of Technology</i>

For further information, visit the SQAB website at: <http://sqab.psychology.org> or contact Alliston Reid,

SQAB Program Chair, at [Alliston.Reid@wofford.edu](mailto:Alliston.Reid@wofford.edu).