

International Conference on Comparative Cognition

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1999 PROGRAM

March 18 to March 20, 1999

THURSDAY, March 18, 1999 4:00 PM - 6:00 PM Welcome Reception

THURSDAY, March 18, 1999 Edward Wasserman, Chair

7:00 PM - 10:00 PM

Communication and perception

- ✚ Bruce Moore, Dalhousie University, The evolution of dance language, 10 min.
- ✚ Sally Boysen, Karen Hallberg, Ohio State University, Representational status of chimpanzee food bark vocalizations: Evidence for semantic content, 10 min.
- ✚ Chris Sturdy, Leslie Phillmore, Ron Weisman, Queen's University, The development of songbird perception, 10 min.<
- ✚ Leslie Phillmore, Chris Sturdy, Ron Weisman, Queen's University, Individual recognition in songbirds, 10 min.

Learning and behavior processes

- ✚ Charles Flaherty, Mary Leszczuk, Deborah Duychinck, Rutgers University, Separating cognitive from emotional processes in negative contrast, 10 min.
- ✚ Bob Batsell, Southern Methodist University, John Batson, Furman University, Taste preconditioning augments odor aversion conditioning in an A+/AX+ design, 10 min.
- ✚ Brian L. Thomas, Mauricio R. Papini, Texas Christian University, Context manipulations influence the size of the trial spacing effect in autoshaping with rats, 10 min.
- ✚ Manish Vaidya, Margaret Wilhelm, Marc Branch, University of Florida, Identity matching in pigeons?, 10 min.

Break, 10 min.

Drug effects

- ✚ Lorraine Weise-Kelly, Shepard Siegel, McMaster University, The effects of drugs are different if they are administered by the subject or by the experimenter, 10 min.
- ✚ Marco Baptista, Glenda MacQueen, Shepard Siegel, Trevor Young, McMaster University, Drug anticipation alters brain chemistry, 10 min.
- ✚ Joseph Kim, Shepard Siegel, McMaster University, The role of internal pharmacological cues in associative mechanisms of opiate tolerance, 10 min.
- ✚ Bob McDonald, Shepard Siegel, McMaster University, Morphine-precipitated morphine withdrawal, 10 min.

Response sequences and serial patterns

- ✚ Alliston Reid, Heather Bratt, Louise Buchholz, Wolford College, Source of response strength in response sequences, 10 min.
- ✚ James Rowan, Litza Banon, Wesleyan College, Haliperidol impairs serial-pattern learning in rats, 10 min.
- ✚ Doug Wallace, Steve Fountain, Kent State University, Behavioral tests of a computational model of rat serial-pattern learning, 10 min.

A look to the future

- ✚ Bob Cook, Tufts University, Hits, bits, and bites: Animal cognition in the next century, 30 min.

FRIDAY, March 19, 1999 Mark Bouton, Chair

3:30 PM - 8:00 PM

Categorization and associative learning

- ✚ Sheila Chase, Martin Chodorow, Eric G. Heinemann, Hunter College SUNY, A Hebbian model for the presolution period in discrimination learning, 10 min.
- ✚ Edward Wasserman, Jessie J. Peissig, University of Iowa, Suzette L. Astley, Cornell College, Reinforcement mechanisms of superordinate category formation by pigeons, 30 min.
- ✚ Ludwig Huber, University of Vienna, Concept discrimination without concept formation in pigeons, 30 min.
- ✚ Stanley Weiss, American University, Leigh V. Panlilio, Charles W. Schindler, NIDA - Baltimore, MD, The comparative psychology of selective associations: Rats and pigeons, 30 min.
- ✚ Andy Baker, McGill University, Cognitive determinants of learned irrelevance: A case study in reification, 30 min.

Break, 15 min.

Space and foraging

- ✚ Michael F. Brown, Villanova University, Spatial pattern learning II, 10 min.
- ✚ Stephanie Gibeault, Suzanne MacDonald, York University, Social foraging behavior in marmosets, 10 min.
- ✚ Deb Kelly, University of Alberta, Karl Grantmyre, Strathcona Raptor Shelter, Marcia L. Spetch, University of Alberta, Prey capture behavior in owls, 10 min.

Attention and memory

- ✚ Don Blough, Brown University, Attention as biased retrieval, 30 min.
- ✚ Thomas R. Zentall, Janice Weaver, Bridgette Dorrance, Tricia Clement, Daren Kaiser, University of Kentucky, The single-code/default strategy in pigeon delayed matching, 30 min.
- ✚ Eduardo Mercado, Center for Molecular & Behavioral Neuroscience, Rutgers University, Scott O. Murray, University of California, Davis, Mammalian memories of deeds last done, 30 min.

SATURDAY, March 20, 1999 Marcia Spetch, Chair

3:30 PM - 8:00 PM

Timing and events that unfold in time




- ✚ Niko Troje, Barrie Frost, Queen's University, Analysis of biological motion in the pigeon's courtship display, 30 min.
- ✚ Ron Weisman, Queen's University, The secret lives of songbirds, 30 min.
- ✚ Lorraine Allan, McMaster University, What I have learned in two decades about time perception, 30 min.
- ✚ Kimberly Kirkpatrick, Brown University, Stimulus and temporal content in classical conditioning, 30 min.

Break, 15 min.

Timing

- ✚ Bridgette R. Dorrance, Thomas R. Zentall, University of Kentucky, Pigeons do not "choose short" when training includes delays, 10 min.
- ✚ William A. Roberts, Ryan Coughlin, Laura A. Hogarth, Shelley Roberts, University of Western Ontario, Cued timing and counting by pigeons, 10 min.
- ✚ Donald Wilkie, Jason Carr, A. R. Tan, O. Adrienne, University of British Columbia, More evidence of ordinal timing in a daily time place learning task, 10 min.

Perspectives

-  Sara Shettleworth, University of Toronto, Modularity and the animal mind, 30 min.
-  Donald Dewsbury, University of Florida, Comparative cognition in the 1930s, 30 min.
-  Fred Stollnitz, National Science Foundation, NSF funding opportunities (US), 10 min.

Business Meeting: Blueprint for a new society 30 min.

Evening Party 10 PM - 1:30 AM

Observers

Mark Bouton, University of Vermont

Marc Branch, University of Florida

Heather Bratt, Wofford College

Louise Buchholz, Wofford College

Jack P. Hailman, University of Wisconsin

Eric G. Heinemann, Brooklyn College

Jonathan Crystal, College of William & Mary

Steve Fountain, Kent State University

Suzanne MacDonald, York University

Shepard Siegel, McMaster University

Marcia Spetch, University of Alberta

Bill Whitlow, Rutgers University-Camden
