Indiana University
Animal Behavior Conference 2002

Thursday, 11 April 2002
2:30 pm - 5:30 pm

Sponsored by
Center for the Integrative Study of Animal Behavior
402 N. Park Avenue. Bloomington, Indiana 47405
812.855.9663
http://www.indiana.edu/~animal/
- ORAL PRESENTATIONS -

SESSION ONE
moderator: Sue Anne Zollinger

2:30 Welcome: Bill Timberlake / Ellen Ketterson

2:35 Dave MacLaren (Department of Biology)
The Ethological Basis of Female Preference for Male Sailfin and Body Size in Sailfin Mollies, *Poecilia latipinna*.

2:55 Brandi Van Roo (Department of Biology)
The Effects of Exogenous Testosterone on Male Incubation in Blue-Headed Vireos (*Vireo solitarius*).

3:15 Brian Nelson (Department of Biology)
An Efficient Code for Auditory Space in Non-Specialized Birds and Mammals.

3:35 BREAK

SESSION TWO
moderator: Julie Martin

3:50 Yoni Brandt (Department of Biology)
Something Fishy about Threat Displays: Breathing Handicaps Amplified by Gill-Cover Ornaments?

4:10 Erik Osnas (Department of Biology)
Effects of Parasite Density on Within-Host Parasite Growth Rate.

4:30 Teresa Dziweczynski (Department of Biology)
Behavior Modification in Male Threespine Stickleback as a Result of Rival Presence.
4:50  **Jill Menge** (Department of Psychology)  
Birthing Biparentally: What Spiny Mouse Parents may give their Perinates.

5:10  **Closing Remarks: Bill Timberlake / Ellen Ketterson**

5:20  **Poster Session / refreshments**

- POSTER SESSION -

**David Wood**  (Program in Neural Science / Department of Psychology)  
1) Possible Coolidge Effect Reflected in Nucleus Accumbens (NAcc) Single-Unit Activity of Freely Behaving Male Rats During Presentation of Novel Estrous.  
2) Modulation of Single-Unit Activity in Nucleus Accumbens (NAcc) Core and Shell in Rats in Different Appetitive Events in Sucrose Reinforcement.

**Heather Bleakley**  (Department of Biology)  
Display Frequency, Femoral Pore Secretions and Hormone Levels in Sagebrush Lizards.

**Thalia Schlossberg**  (Department of Psychology)  
Development of Thermal Preferences in C57BL/6J Mice.

**Eva Sanders Allen**  (Department of Biology)  
Phylogeny of Novel Intron Supports Plumage Convergence in Orioles (*Icterus*).

**Ben Motz**  (Undergraduate / Department of Psychology)  
Positive Evidence of Geotaxis in 10-Day-Old Rats.

Thank you to the following IU Animal Behavior Conference volunteers: Martha Holder, Sue Anne Zollinger and Julie Martin.