Ecology & Evolution Retreat  
February 26, 2005

08:00  
**BREAKFAST**

09:20  Session I  Kelly O'Donnell, Chair

09:20  Christopher Noto — Using functional morphology to compare dinosaur ecological diversity

09:40  Efe Sezgin — The genotype-phenotype relation of trehalose metabolism in *Drosophila melanogaster*

10:00  Oliver Bossdorf — Competition and allelopathy in garlic mustard, *Alliaria petiolata*

10:20-11:00  **COFFEE BREAK**

11:00  Session II  Rodrigo Cogni, Chair

11:00  Matthew L. Forister — Ecological components of reproductive isolation in *Mitoura* butterflies

11:20  Christopher X. Jon Jenson — It's not quite an experiment yet, but it sure is getting close: numerical simulations of a predator-prey system

11:40  Windsor Aguirre — Contemporary body shape evolution of an Alaskan threespine stickleback population

12:00  Susan Natali — Effect of elevated CO$_2$ on metal concentrations in leaves

12:20-02:00  **LUNCH AND TOURS**

02:00  Session III  Andrea Green, Chair

02:00  Josh Mackie — The use of indigenous and invasive populations of bryozoans to develop a system for studying marine invasion processes

02:20  John R. True — *Drosophila* gets a tan: molecular and developmental analysis of a candidate gene for melanin pattern evolution

02:40  Catherine A. McGlynn — The role of identity in native plant-invasive plant interactions

03:00  Patrick R. Stephens — Phylogenetic niche conservatism and the ecological structure of emydid turtle assemblages.

03:20-4:00  **COFFEE BREAK**

04:00  Session IV  Mark Jonas, Chair

04:00  Daniel Stoebel — Linkage disequilibrium and the response to selection at multiple loci in a population of *Escherichia coli* following exposure to an antibiotic

04:20  Bengt Allen — Thermal constraints on the activity of the sand fiddler crab, *Uca pugilator*

04:40  Jessica C. Stanton — The effect of native mycorrhizal fungal isolates on growth and nutrient uptake in peanut (*Arachis hypogaea*) and corn (*Zea mays*).

05:00  Massimo Pigliucci — G and the holy grail of evolutionary quantitative genetics

05:20-06:15  **AWARDS & ENTERTAINMENT**

06:30  **DINNER & DANCING**