

EEB Colloquium Schedule
Wed. April 18, 2007, ESC rm 1050

- 8:00 Coffee, bagels, and pastries
- 8:45 Opening remarks
- 8:50 Aneil Agrawal
A coarse look at whether trait correlations constrain adaptation
- 9:10 George Arhonditsis
Evaluation of the current state and future perspectives of aquatic biogeochemical modeling
- 9:30 Honour McCann (Guttman Lab)
Experimental evolution approaches to studying host specificity and virulence
- 9:50 Dave Zanatta (Murphy Lab)
*The phylogeographic and management implications of genetic population structure in the imperiled snuffbox mussel, *Epioblasma triquetra* (Bivalvia: Unionidae)*
- 10:10 Jess Ward (McLennan Lab)
*Geographic variation and female mating preferences in the brook stickleback, *Culaea inconstans**
- 10:30-11:00 BREAK
- 11:00 Julio Rivera (Currie Lab)
Utility of the COI gene for species recognition and phylogeographic analysis in black flies (Diptera: Simuliidae)
- 11:20 Paul Venturelli (Shuter Lab)
*Ricker revisited: Effects of fishing and females on recruitment dynamics of walleye (*Sander vitreus*)*
- 11:40 Heather Coiner (Sage Lab)
*Stem freezing sensitivity predicts the northern range limit of kudzu (*Pueraria lobata*) in North America*
- 12:00 Nathan Lovejoy
*Systematics and evolution of the Neotropical electric fish *Gymnotus**
- 12:20-1:40 LUNCH

- 1:40 Rob Colautti (Barrett Lab)
The evolution of flowering time in an invasive plant species
- 2:00 Jay Biernaskie (Abrams Lab)
Habitat assessment ability of bees informs the adaptive dynamics of rewarding plant traits
- 2:20 Jen Perry (Rowe Lab)
Evidence for a signal in the consumed spermatophores of a ladybird beetle
- 2:40 Jessamyn Manson (Thomson Lab)
Candida gelsemii provides new insights into the antimicrobial properties of nectar alkaloids and yeast-pollinator interactions
- 3:00-3:30 BREAK
- 3:30 Kim Humphreys (Darling Lab)
Leapin' Lepidoptera! The novel locomotory behaviour of a Southeast Asian thyrnid caterpillar (Calindoea trifascialis)
- 3:50 John Stinchcombe
The effects of developmental and genetic variation in leaf shape on insect performance
- 4:10 Nadia Talent (Dickinson Lab)
Apomixis in Maloid Rosaceae: one origin or many?
- 4:30-5:00 BREAK
- 5:00 (sharp) **Atwood Memorial Lecture**
Douglas Futuyma (SUNY)
The mircoevolution and macroevolution of insect host-associations
- 6:00 Reception