

# Evolution, Ecology, & Population Biology (ECPB)

## 2008-09 Student Seminar Series. Thurs 4pm. Reb. 322

| Date   | Speaker                    | Institution           | Seminar title  |
|--------|----------------------------|-----------------------|--|
| 11-Sep | Amber Burgett              | WUSTL                 | Impacts of demography and habitat availability on amphibian abundances in metacommunities  |
| 18-Sep | Dr. Bruce Carlson          | WUSTL                 | Signal diversity in electric communication: from genes to behavior   |
| 25-Sep | Dr. Justin Fay             | WUSTL                 | Genetic and phenotypic diversity in <i>Saccharomyces cerevisiae</i>  |
| 2-Oct  | Dr. Karen DeMatteo         | MIZZOU                | NO SEMINAR   |
| 9-Oct  | Marck Menke                | WUSTL                 | The phylogeny and evolution of <i>Aethionema</i> : sister group to the rest of the Brassicaceae  |
| 16-Oct | Dr. Amy Zanne              | UMSL                  | How are woody stems built? A functional trait investigation  |
| 23-Oct | Dr. Peter Morrell          | Univ of Minnesota     | Genetic evidence for a second domestication of barley ( <i>Hordeum vulgare</i> ) east of the Fertile Crescent                              |
| 30-Oct | Josh Reece                 | WUSTL                 | The loggerhead turtles of Masirah Island   |
| 6-Nov  | Dr. George Yatskievych     | MOBOT                 | In search of the little hermit: describing a new genus of Orobanchaceae from Southwestern Mexico   |
| 13-Nov | Nick Griffin               | WUSTL                 | Connecting inbreeding depression, competition, and demography in <i>M. ringens</i>   |
| 20-Nov | Dr. Kurt Schulz            | SIUE                  | Invasive honeysuckles: livin' and lovin' in a post-agricultural landscape  |
| 4-Dec  | Dr. Nate Sanders           | Univ of Tennessee     | Mechanisms underlying macroecological patterns? A test with ants   |
| 11-Dec | Katie Hyma                 | WUSTL                 | Variation in natural populations of <i>Saccharomyces cerevisiae</i> wine yeast   |
| 15-Jan | Dr. Stuart McDaniel        | University of Florida | Speciation in mosses: hybridization, reproductive isolation, and diversification   |
| 29-Jan | Kyra Krakos                | WUSTL                 | The role of reproductive trait shifts in the diversification of <i>Oenothera</i> (Onagraceae)  |
| 5-Feb  | Dr. Peter Bernhardt        | SLU                   | NO SEMINAR   |
| 12-Feb | Trisha Consiglio (Distler) | MOBOT                 | Validating prediction models for narrowly distributed species with small sample sizes: how much is enough?                                 |
| 19-Feb | Dr. Karen DeMatteo         | MIZZOU                | Using noninvasive techniques to study neotropical carnivores   |
| 26-Feb | Genevieve Croft            | WUSTL                 | Ecology and evolution during domestication and landscape change in the Neotropical fruit tree <i>Byrsonima crassifolia</i> (Malpighiaceae) |
| 5-Mar  | Niki Miller                | WUSTL                 | Plant species responses to climate change: From physiology to species distributions  |
| 19-Mar | Dr. Cathy Pfister          | Univ of Chicago       | The importance of species abundance and interactions to nearshore productivity   |
| 26-Mar | Kate Waselkov              | WUSTL                 | Population genetics and phylogenetic context of weed evolution in the genus <i>Amaranthus</i>  |
| 2-Apr  | Dr. Osvaldo Sala           | Brown Univ            | Scenarios of biodiversity change for the next 50 years   |
| 9-Apr  | Shih-Chung Hsu             | WUSTL                 | Rice gone wild: molecular evolution of weedy rice  |
| 16-Apr | Dr. Alejandra Jaramillo    | MIZZOU                | Phylogenetic structure on Neotropical Piper assemblages  |
| 23-Apr | Dr. Stan Sawyer            | WUSTL                 | What percentage of fixed mutations are selectively advantageous?   |
| 30-Apr | Dr. John Lambrinos         | Oregon State          | Managing invasive ecosystem engineers  |
| 7-May  | Dr. Brendan Bohannon       | Univ of Oregon        | The response of microbial communities to global change   |