

# The University of Kentucky

## Center for Ecology, Evolution and Behavior

### 2002 Spring Research Symposium Friday, May 17 Ag North, Room N12

9:30 – 9:45	<b>Jeff Larkin (Forestry)</b> - Musings on Kentucky elk ecology and management
9:45 – 10:00	<b>Tom McCarthy (Biology)</b> - Effects of time, predation risk and relatedness on behavior during mating interactions
10:00 – 10:15	<b>Dave Maehr (Forestry)</b> - Panther ballooning and policy trainwrecks
10:15 – 10:30	<b>Scott Gleeson (Biology)</b> - Trait failure of a pioneer in Puerto Rican pasture
10:30 – 10:45	<b>Break</b>
10:45 – 11:00	<b>Pat Crumrine (Biology)</b> - Cancelled
11:00 – 11:15	<b>Dave Westneat (Biology)</b> - Test of a condition-dependent link between signals and immune function
11:15 – 11:30	<b>Brad Dickey (Biology)</b> - Description and Prediction of Interaction Patterns in Social Dominance Structures
11:30 – 11:45	<b>Jordi Moya-Laraño (Entomology)</b> - Ants + Spiders = 42 (Evidence that ants and spiders have complex interactions in the forest floor)
11:45 – 12:00	<b>Chris Schardl (Plant Pathology)</b> - Phylogenetic evidence for plant/fungus/insect co-phylogenies.
12:00 – 1:00	<b>Lunch</b>
1:00 – 1:15	<b>Chris Adams (Biology)</b> - TBA
1:15 – 1:30	<b>Dave Held (Entomology)</b> - Floral herbivory and the Japanese beetle
1:30 – 1:45	<b>Ken Haynes and Ken Yeargan (Entomology)</b> - Aggressive chemical mimicry of moth pheromones by a bolas spider: How does this specialist predator attract more than one species of prey?
1:45 – 2:00	<b>Damon Orsetti (Biology)</b> - Mating receptivity in both sexes of a leaf beetle
2:00 – 2:15	<b>J. Scott Lucas (Biology, University of Louisville)</b> - Population dynamics in plasmid bearing, antibiotic resistant bacteria
2:15 – 2:30	<b>Break</b>
2:30 – 2:45	<b>Mike Sharkey (Entomology)</b> - Canceled
2:45 – 3:00	<b>Greg Newman (Forestry)</b> - Forest productivity in southeastern Kentucky: controls and annual variability
3:00 – 3:15	<b>Hong Yan (Biology)</b> - Can dead fish tell us a story? A single father fish's perspective
3:15 – 3:30	<b>Angela Amarillo (Entomology)</b> - Effect of host and population on the fecundity of female <i>Callosobruchus maculatus</i> (Coleoptera: Bruchidae).
3:30 – 3:45	<b>Linda Fuselier (Biology)</b> - Evolution of <i>Cyprinodon</i> on Hispaniola
3:45 – 4:00	<b>Break</b>
4:00 – 5:00	<b>Keynote Speaker: Lee Dugatkin (Biology, University of Louisville)</b> - The evolution of boldness and behavioral inhibition



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9:45 – 10:00	<b>Ian Stewart (Biology)</b> - Patterns of sex ratio variation in House Sparrows
10:00 – 10:15	<b>Cora Allard (Entomology)</b> - <i>Phalangium opilio</i> : Vertical distribution and time budgets
10:15 – 10:30	<b>Steve Dobson (Entomology)</b> - <i>Wolbachia</i> effects on host population dynamics
10:30 – 10:45	<b>Break</b>
10:45 – 11:00	<b>Sanh Kin Diep (Biology)</b> - Male bib size and female aggression in House Sparrows
11:00 – 11:15	<b>Stephanie N. Deborde and Matthew W. Turnbull (Entomology)</b> - Convergent and divergent pathways in the evolution of a wasp-mutualist virus family
11:15 – 11:30	<b>Kasi Jackson (Biology)</b> - TBA
11:30 – 11:45	<b>Gina Berger (Biology, U of Louisville)</b> - Managing endangered bat habitat threatened by suburban sprawl and industrial development: <i>Myotis Grisescens</i> and <i>Myotis Sodalis</i> in the Louisville metropolitan area
11:45 – 12:00	<b>Charles Fox (Entomology)</b> - The evolutionary genetics or mortality patterns: differences among populations.
12:00 – 1:00	<b>Lunch</b>
1:00 – 1:15	<b>Jennie Williams (Entomology)</b> - How prey detect and avoid predators: a study with an agricultural pest
1:15 – 1:30	<b>Robin Cooper (Biology)</b> - TBA
1:30 – 1:45	<b>Tria Kinnard (Biology)</b> - Environmental and genetic effects on nestling house sparrow traits
1:45 – 2:00	<b>Chris Stieha</b> - Overgrowth competition and sex ratio dynamics using a spatially explicit sub-individual-based (SESUB) model
2:00 – 2:15	<b>Ryan Earley (Biology, U of Louisville)</b> - Integration and utilization of visual cues in swordtail fights - the simplest scenario
2:15 – 2:30	<b>Break</b>
2:30 – 2:45	<b>Carlos Sarmiento (Entomology)</b> - "The function of <i>Coccygidium</i> sp. (Hymenoptera: Braconidae) in a mimetic system"
2:45 – 3:00	<b>Meg Hatch (Biology)</b> - Age-related changes in parental behavior in a population of house sparrows
3:00 – 3:15	<b>Eric Marsland (Entomology)</b> - TBA
3:15 – 3:30	<b>Katja Selmann (Entomology)</b> - A reanalysis of the Fredrick Ronquist et al. (1999) paper and the construction of a useful and pleasing interactive key of the Hymenopteran families
3:30 – 3:45	<b>Claudia Rauter (Entomology)</b> - Evolutionary importance of parental care performance in a burying beetle.
3:45 – 4:00	<b>Break</b>
4:00 – 5:00	<b>Keynote Speaker: Jason Wolf (University of Tennessee)</b> - Quantitative genetics and evolution when the environment contains genes

