

Schedule of Talks

- 9:30-9:45 *WELCOMING REMARKS*
- 9:45-10:00 **1. J. Dylan Maddox**, PEEB
Overwhelming effects of asynchronous hatching on positive egg-size effects
- 10:00-10:15 **2. H. A. Raja**¹, J. Campbell², A. Ferrer¹, S. Sivichai³, C. A. Shearer¹, ¹Plant Biology, ²Department of Coastal Science University of Southern Mississippi, ³BIOTEC-Mycology Thailand
Phylogeny of the freshwater ascomycete order Jahulales inferred from 18S and 28S nuclear ribosomal DNA sequences
- 10:15-10:30 **3. Michael P. Carey**, PEEB
Exploring the interaction of multiple predators with different foraging strategies
- 10:30-10:45 **4. Silvia Remolina**, Animal Biology
*Caste-specific aging differences in the honey bee *Apis Mellifera**
- 10:45-11:00 *BREAK*
- 11:00-11:15 **5. Carmen M. Ugarte**, NRES
Influence of organic transition strategy on the nematode community structure and biologically-based fertility
- 11:15-11:30 **6. Jeffrey A. Stein**, NRES
Modeling largemouth bass recruitment dynamics: Effects of catch and release angling of brood-guarding parental males
- 11:30-11:45 **7. Mike Allen**, PEEB
*Genetic and environment factors control hatching variation in temporary pond *Daphnia**
- 11:45-12:00 **8. Xiaojuan Yang**, Atmospheric Science
Integrated modeling of terrestrial carbon and nitrogen dynamics
- 12:00-1:30 *LUNCH BREAK*
- 1:30-1:45 *AFTERNOON WELCOME AND REMARKS – PEEB Director, Jeff Brawn*
- 1:45-2:00 **9. John Drake**, PEEB
*Fine root respiration in a loblolly pine (*Pinus taeda*) forest: Interactions with global change factors and canopy processes*
- 2:00-2:15 **10. Joe J. Parkos**, Animal Biology
Brood-specific contribution to recruitment in fish species with parental care
- 2:15-2:30 **11. Jinelle Hutchins**, PEEB
Ecological factors associated with songbird nest predation by Texas Ratsnakes
- 2:30-2:45 **12. Chris R. Smith**, PEEB
*Reproductive and sexual allocation in the Florida harvester ant, *Pogonomyrmex badius**
- 2:45-3:00 *BREAK*
- 3:00-3:15 **13. Matthew L. Richardson**¹, Peter F. Reagle², Robert F. Mitchell II², and Lawrence M. Hanks¹,
¹PEEB, ²Entomology
Impact of cannibalism on fitness and population dynamics of non-carnivorous insect
- 3:15-3:30 **14. Jennifer Bartlett**, NRES
*Site fidelity in *Lepomis macrochirus*: Tracking nesting behavior in Bluegill Sunfish*
- 3:30-3:45 **15. Sigrid D. P. Smith**, PEEB
Existence of alternative producer states in temporary wetlands
- 3:45-4:00 **16. Elizabeth A Ruedi**, PEEB
*The role of differential gene expression in natural variation in male courtship behavior of *Drosophila melanogaster*.*
- RECEPTION at the Greenhouse Conservatory following the conclusion of the presentations*
- AWARD CEREMONY*