

DEPARTMENT OF ENTOMOLOGY SEMINAR SERIES
SPRING SEMESTER 2007



Mondays, 4.10 pm, E164 Lagomarcino Hall unless stated otherwise

- Jan 25 *Note time and location:* Thursday 3:45 pm, 210 Bessey Hall
[Dr. Ehab Abouheif](#), Department of Biology, McGill University, Quebec, Canada
Searching for a Synthesis Between Environment, Development, and Evolution: The Case of the Winged and Wingless Ant Castes
[Co-listed with EEOB](#)
- 29 [Dr. Jerry DeWitt](#), Director, Leopold Center for Sustainable Agriculture, and Department of Entomology, ISU
The Leopold Center for Sustainable Agriculture: Our Programs and Opportunities for You
- Feb 5 **Dr. Russell Currier**, Executive Vice President, American College of Veterinary Preventive Medicine
Scabies: Story of "The Itch" From Ancient Times to the Present and Implications for Recognition and Control
- 12 **Dr. Douglas Sumerford**, USDA, ARS and Department of Entomology, ISU
Bt-resistant Colonies of European Corn Borer: Tools to Evaluate Genetic Parameters Impacting the Evolution of Resistance to Bt Corn
- 26 **Dr. Junwei Zhu**, Department of Entomology, ISU and MSTRS Technologies Inc.
Help Plants to Self-Defense: New Developments using Plant Indirect Defense against Aphid Pests on Soybeans
- Mar 5 **Dr. Toni Nappi**, Emeritus professor of Biology and Faculty Scholar, Loyola University, Illinois
Melanogenesis and Its Role in Insect Cellular Immunity
- 19 F. Wendell Miller Lecture:
[Dr. Peter Price](#), Northern Arizona University, Flagstaff, Arizona
Insect Design and Life History, and Their Consequences for Ecology: Distribution, Abundance, and Population Dynamics
[Co-listed by EEOB](#)
- Apr 2 **Hirofumi Kosaki**, Department of Entomology and Program in Toxicology, ISU
MS thesis seminar
Environmental Studies on the Fate and Behavior of Pharma Proteins Produced in Transgenic Corn
- 9 **Kelsey Prihoda**, Department of Entomology and Program in Toxicology, ISU
MS thesis seminar
Development of Methods to Determine the Aquatic Fate and Non-target Effects of Transgenic Bt Proteins on Aquatic Invertebrates: Toward Risk Assessment
- Wedn. 11 **Dingfei Hu**, Department of Entomology and Program in Toxicology, ISU
PhD dissertation seminar
Environmental Fate of a Veterinary Antibiotic: Tylosin
- 16 EGSO Speaker:
[Dr. Hugh Robertson](#), Department of Entomology, University of Illinois at Urbana-Champaign
Note time and location: 11:00 am, 333 Science II
Insect Chemoreceptors: The Molecular Basis for Smell and Taste
4:10 pm, E164 Lagomarcino Hall
The Honey Bee Genome: Circadian Rhythms, Telomeres, and Genes Lost from *Drosophila*
- Wedn. 18 **David Dorhout**, Department of Entomology, ISU
MS thesis seminar
When the Past Comes Alive: The Resurgence of the Western Bean Cutworm
- 23 [Paul A. Dahm](#) Memorial Lecture:
[Dr. Glenn King](#), Professor of Molecular, Microbial & Structural Biology, University of Connecticut Health Center, Farmington, CT
Itsy Bitsy Spider Toxins and Their Potential for Insect Control