



Department of  
**Plant, Soil & Insect Sciences**  
 UMassAmherst

*Spring 2010 Seminar Series*

**All seminars are Mondays at 4:00 PM in Fernald Hall, Room 11.**

**Please join us at 3:45 for light refreshments and conversation.**

**If you would like to meet with a seminar speaker, please contact the host to make arrangements.**

January 25	<b>Guiyun Yan</b> College of Health Sciences, University of California Irvine	Malaria epidemics in Western Kenya Highlands: Epidemiology, parasite genetics and vector biology	Stephen Rich (host) smrich@psis.umass.edu
February 1	<b>Philip Johns</b> Biology Program, Bard College	Sexy males and selfish genes: Why females choose the mates they do in stalk-eyed flies	Norman Johnson (host) njohnson@ent.umass.edu
February 8	<b>Mark J.F. Brown</b> School of Biological Sciences, University of London	Complex interactions and the impact of parasites on bumble bees.	John Burand (host) jburand@microbio.umass.edu
February 22	<b>Mary Musgrave</b> Department of Plant Science and Landscape Architecture, University of Connecticut	Plants in Space: Gravity's role in the ecophysiology of extra-terrestrial crops	Michelle DaCosta (host) mdacosta@psis.umass.edu
March 1	<b>Charlotte Causton</b> Charles Darwin Foundation for the Galapagos Islands	Protecting native plants in the Galapagos against an invasive scale: biological control of cottony cushion scale with introduction of the ladybird <i>Rodolia cardinalis</i> .	Roy Van Driesche (host) vandries@nre.umass.edu
March 8	<b>Olena Vatamaniuk</b> Department of Crop and Soil Sciences, Cornell University	The HMT-1-dependent pathway for heavy metal detoxification: worms, weeds, fungi and flies. Where is the key to a puzzle?	Om Parkash (host) parkash@psis.umass.edu
March 22	<b>Sharon Long</b> Environmental Microbiology, University of Wisconsin	Global climate change and waterborne diseases	Mickey Spokas (host) mspokas@psis.umass.edu  *co-sponsored by <i>Environmental Science</i>
March 29	<b>Mollie Manier</b> Department of Biology, Syracuse University	What can glowing sperm tell us about sexual selection in <i>Drosophila</i> ?	Ben Normark (host) bnormark@ent.umass.edu
April 5 <b>Alexander Speaker</b>	<b>Dan Papaj</b> Department of Ecology and Evolutionary Biology, University of Arizona	Learning, signal detection and speed- accuracy tradeoffs in bees	Anne Averill (host) aaverill@ent.umass.edu
April 12	<b>Dan Wiegmann</b> Department of Biological Sciences, Bowling Green State University	Learning in honeybees: incentive relativity and the specificity of reward expectations	Beth Jakob (host) ejakob@psych.umass.edu
April 26	<b>Shui-zhang Fei</b> Department of Horticulture, Iowa State University	Transcriptome analysis of perennial ryegrass in response to cold and characterization of cold regulated genes	Geunhwa Jung (host) jung@psis.umass.edu
May 3	<b>George Sundin</b> Department of Plant Pathology, Michigan State University	Gene traders: role of plasmids and transposons in the evolution of antibiotic resistance in plant pathogenic and plant- associated bacteria	Dan Cooley (host) dcooley@microbio.umass.edu