



# Department of Entomology

## Fall 2018 Seminar Series

Wednesdays at 3:30 PM, **244 Kottman Hall (Columbus) video-linked to 121 Fisher Auditorium (Wooster).**

**Sept. 5: Student Proposal and Transition Talks**

Investigating aggregation cues of *Reticulitermes flavipes* in relation to food discovery, **Tae-Young Lee**

**Sept. 12:** Characterizing molecular differences that lead to seasonal changes in mosquito reproductive physiology, **Dr. Megan Meuti, Ohio State Entomology**

**Sept. 19:** Environmental filtering of wild bee diversity by urbanization, **Dr. Scott MacIvor, University of Toronto**

**Sept. 26: Student Proposal and Transition Talks**

Chemosensory function and morphology of female *Trissolcus basalus* (Hymenoptera: Scelionidae) antennal sensilla, **Kendall King**

The impacts of heavy metal contamination on the common eastern bumblebee, *Bombus impatiens*, **Sarah Scott**

**Oct. 3:** Animation and film for outreach and engagement, **Dr. Cable Hardin, South Dakota State University**

**Oct. 10:** Volatile world of olfactory signals and reception in insects, **Dr. Zain Syed, University of Kentucky**

**Oct. 17: Student Proposal and Transition Talks**

Discovery of natural drimane sesquiterpene lactones from Madagascan medicinal plants (*Cinnamosma spp.*) for mosquito vector control, **Edna Alfaro Innocente**

Old brood comb: the effects of comb age and build-up on honey bee survival, **Stephanie Murray**

**Oct. 24:** The evolution of the insect-based biomass conversion industry: perspectives on how a small idea can make a global impact, **Glen Courtright, Founder, Enviroflight, LLC**

**Oct. 31:** NO SEMINAR

**Nov. 7:** Insect Kir channels: the discovery of molecular target of insecticide flonicamid  
**Dr. Jianya Su, Nanjing Agricultural University**

**Nov. 14:** ESA, NO SEMINAR

**Nov. 21:** Thanksgiving Break, NO SEMINAR

**Nov. 28:** Convergent Evolution of a Social Symbiosis, **Dr. Joe Parker, California Institute of Technology**

**Dec. 5: Student Proposal and Transition Talks**

Ants as biological indicators of the value of urban vacant land as a conservation habitat, **Alex Tyrpak**

Potential strategies to control fall armyworm (*Spodoptera frugiperda*) resistance to Bt proteins, **Ana Trabanino**

**Dec. 12: Student Proposal and Transition Talks**

Lady beetles in the city: how does urban habitat management affect the abundance and diversity of native and exotic lady beetles? **Denisha Parker**

The impacts of soil legacy & management on biodiversity and biocontrol services in urban environments, **Emily Sypolt**

**Dec. 19: Student Proposal and Transition Talks**

Insecticide resistance in populations of American tomato moth, *Tuta absoluta* (Lepidoptera: Gelechiidae) to commonly used insecticides, **Denis Nyamu**