

# Heather J. McAuslane

Professor



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## Contact:

PO Box 110620  
Building 970, Natural Area Dr.  
Gainesville, FL 32611

(352) 273-3923  
hjmca@ufl.edu

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## Education

(70% research, 30% teaching)

- Ph.D., 1990, Texas A&M University, TX (Entomology)
- M.Sc., 1986, University of Guelph, Guelph, Ontario (Entomology)
- B.Sc., 1983, Queen's University, Kingston, Ontario (Biology)

## Relevant Employment History

- Professor and Graduate Coordinator, University of Florida (2009 to present)
- Professor, University of Florida (2007 to present)
- Associate Professor, University of Florida (1997 to 2007)
- Assistant Professor, University of Florida (1993 to 1997)
- Visiting Assistant Professor, University of Florida (1990 to 1993)

## Teaching Activities

- ENY 6203/6203L, Insect Ecology
- ENY 6934, Seminar in Insect Chemical Ecology
- ENY 6934, Seminar in Graduate Professional Development (coordinator)

## Research Interests

- Plant-insect interactions
- Chemical ecology
- Insect behavior
- Tritrophic interactions among plants, herbivores and natural enemies

## Current Research Projects

- Chemical ecology of pepper weevil, *Anthonomus eugenii*
- Feeding behavior of southern chinch bug, *Blissus insularis*
- Host plant resistance in lettuce to multiple insect species

## Selected Publications

- Backus, E., M. Rangasamy, M. Stamm, H. McAuslane, and R. Cherry. 2013.** Waveform library for chinch bugs (Hemiptera: Heteroptera: Blissidae): characterization of electrical penetration graph waveforms at multiple input impedances. *Annals of the Entomological Society of America* 106: 524-539.
- Ma, L., H. Lu, R. Cherry, H. McAuslane, and K. Kenworthy. 2013.** Effect of time and testing method in determining St. Augustinegrass resistance to southern chinch bugs (Hemiptera: Blissidae). *Journal of Entomological Science* 48: 161-165.
- Navarrete, B., H. McAuslane, M. Deyrup, and J. Pena. 2013.** Ants (Hymenoptera: Formicidae) associated with *Diaphorina citri* (Hemiptera: Psyllidae) and their role in its biological control. *Florida Entomologist* 96: 590-597.
- Addesso, K. M., H. J. McAuslane, and R. Cherry. 2012.** Aggregation behavior of the southern chinch bug (Hemiptera: Blissidae). *Environmental Entomology* 41: 887-895.
- Sethi, A., H. Alborn, H. McAuslane, G. Nuessly, and R. Nagata. 2012.** Banded cucumber beetle (Coleoptera: Chrysomelidae) resistance in romaine lettuce: understanding latex chemistry. *Arthropod-Plant Interactions* 6: 269-281.
- Addesso, K., H. McAuslane, and H. Alborn. 2011.** Attraction of pepper weevil to volatiles from damaged pepper plants. *Entomologia Experimentalis et Applicata* 138: 1-11.
- Hammad, E., and H. McAuslane. 2010.** Effect of *Melia azedarach* L. extract on *Liriomyza sativae* (Diptera: Agromyzidae) and its biocontrol agent *Diglyphus isaea* (Hymenoptera: Eulophidae). *Journal of Food Agriculture&Environment* 8: 1247-1252.
- Addesso, K. M., and H. J. McAuslane. 2009.** Pepper weevil attraction to volatiles from host and nonhost plants. *Environmental Entomology* 38: 216-224.
- Addesso, K. M., H. J. McAuslane, P. A. Stansly, F. Slansky, and D. J. Schuster. 2009.** Artificial substrates for oviposition and larval development of the pepper weevil (Coleoptera: Curculionidae). *Journal of Economic Entomology* 102: 257-264.
- Cetintas, R., and H. McAuslane. 2009.** Effectiveness of parasitoids of *Bemisia tabaci* (Hemiptera: Aleyrodidae) on cotton cultivars differing in leaf morphology. *Florida Entomologist* 92: 538-547.