

# **J. Megan Woltz**

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Norfolk State University

Norfolk, VA 23504

## **I. BACKGROUND**

### **Education**

<b>Ph.D.</b>	Dual degree: Ecology, Evolutionary Behavior & Biology and Entomology Michigan State University, Department of Entomology Advisor: Doug A. Landis	2007-2013
<b>B.Sc.</b>	Environmental Science, Ecology Concentration North Carolina State University Advisor: Nick M. Haddad	2003-2007

### **Employment**

Associate Professor of Biology, Norfolk State University, Dept of Biology Norfolk, VA	Aug 2025- present
Associate Professor of Biology, Lindenwood University, Dept of Biology St Charles, MO	Aug 2020 – May 2025
Assistant Professor of Biology, Lindenwood University, Dept of Biology St. Charles, MO.	Aug 2015 – Jul 2020
Postdoctoral Scholar, Oregon State University Dept of Horticulture Biological control of Spotted Wing Drosophila in berry crops. Corvallis, OR.	2013 - 2015
Research Assistant, Great Lakes Bioenergy Research Center Use of cover crops to promote beneficial insects in biofuels crops. East Lansing, MI.	Jan-Apr 2013
Graduate Research Assistant, Michigan State University Dept of Entomology Landscape ecology of predator-prey interactions in agroecosystems. East Lansing, MI.	2007-2013

### **Awards and Honors**

Nominated for LU Student Organization Advisor of the Year Award (2025)

LU Black and Gold Leadership Awards - Best Collaborative Event GSA/BSU Bonfire (2025)

Nominated for LU President's Ambassadors Student Choice Faculty Member of the Year (2024)

Nominated for LU Student Government Professor of the Year (2021)

LU Men's NCAA Soccer Team Outstanding Staff or Professor (2020)

IOBC-NRS Robert J. O'Neil Award for Outstanding Doctoral Student (2013) \$300

MSU Dept of Entomology

Driesbach Award for outstanding accomplishment in the PhD program, (2012) \$500  
 MSU Graduate School Travel Fellowship (2011) \$400  
 MSU EEBB Travel Fellowship (2011) \$400  
 NASA-MSU Professional Enhancement Award (2010) \$700  
 LTER All Scientist Meeting 1<sup>st</sup> Place Poster Competition (2009) \$150  
 MSU University Distinguished Fellowship (2007-2012) \$46,000  
 MSU Plant Sciences Professional Enhancement Stipend Award (2007-2012) \$2000

## II. TEACHING

### Instructor of Record

Norfolk State University

BIO 271 Ecology	Fall 2025
BIO 271L Ecology Lab	Fall 2025
BIO 260 Integrative Zoology	SP26
BIO 260R Integrative Zoology Lab	FA25-SP26

Lindenwood University

BSC 48800 Genetics of Evolution	Fall & Spring, FA2018 – SP2025
Biology capstone course emphasizing links between genetics, cell bio, ecology and evolution	
Enrollment: 18-30 students/section	

BSC 46500 General Ecology	Fall semesters, 2016-24
Upper divisional majors biology course (w/ lab)	
Enrollment: 18-32 students/section	

BSC 46400 Evolution	Spring semesters, 2018, 23-25
Upper divisional majors biology course	
Enrollment: ~ 32 students/ section	

BSC 48000 Independent Research	SP17-SP22, FA24-SP25
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BSC 36400 Entomology	FA17, FA19, FA21, FA23
Upper divisional majors biology course (w/ lab)	
Enrollment: 10-24 students	

BSC 36800 Biology in Society	Spring semesters, 2017-24
Discussion/case-study-based course	
Enrollment: 24-30 students/ section	

BSC 28500 Writing in Biology	Fall & Spring, SP17-SP21,FA22
Majors scientific writing course	
Enrollment: ~20 students/section	

BSC 24800 Intro to Ecology and Evolution	SP22, SP24
Majors biology course (w/ lab)	
Enrollment: 24 students/section	

BSC 24400 Intro Cellular and Molecular Biology	FA24, SP25
Majors biology course (w/ lab)	
Enrollment: 24 students/section	
BSC 24300 Intro to Biodiversity Lab	FA23
BSC 24200 Intro to Biodiversity Lecture	FA24
BSC 24000 Introduction to Biodiversity	FA15-SP17, SP18-SP19, SP20-SP21, FA22
Introductory level majors biology course (w/ lab)	
Enrollment: 24 students/ section	
BSC 10000 Concepts in Biology	FA15, SP16
Non-majors biology course (w/ lab)	
Enrollment: ~ 24 students/ section	
LNO/UNIV 10100	FA18, FA19, FA21, FA22
Scientists at Work/Biology: Fact or Fiction	
Introduction to college course for	
First year biology students	
Enrollment: ~20 students/ section	
Oregon State University	
ENT 311 Integrated Pest Management	SP14
Enrollment: 60 students	
Supervised graduate teaching assistant	
<b>College of Science, Technology and Health R.I.S.E. Scholar</b>	FA21-SP23
Tasked with exploring and providing instruction to other faculty in	
research-based best practices to increase Rigor, Inclusion, Support, and	
Engagement in the classroom.	
<b>Certification in Teaching College Science &amp; Mathematics</b>	2013
Program to prepare for career in post-secondary education	
Part of Michigan State University's Graduate Certification in College Teaching	
<b>Co-developer: Foundations of Science MOOC, Michigan State University</b>	2013
Course also taught as ISB 202: Critical thinking and science literacy	
Won MSU AT&T "Best Fully Online Course Award of Excellence"	
Course designed to build critical thinking skills through engagement with science	
Co-developed collaboratively with 43 faculty, graduate students and technologists	
Primarily responsible for PodCast development	
Funded by the Bill & Melinda Gates Foundation	
<b>Guest instructor</b>	
PHRL 204 Women, Religion, and Violence, Lindenwood University	2023
ENT 586 Biological Control, Oregon State University	2014
ZOL 355 Introduction to Ecology, Michigan State University	2012
ENT 850 Insect Physiology, Michigan State University	2011
PLB 203 Biology of Plants, Michigan State University	2009

## Teaching Publications

Albee AJ, JM Woltz, T Kemp\*, E Mays\*, T Miller\*, E Fisher\*, A Loutzenhiser\*.

“No longer long in the tooth.” A case study with extensive teaching notes in which students explore the gene to protein to phenotype to fitness connection in the context of tuskless African elephants.

Submitted to the National center for Case Study Teaching in Science Case Collection database.

Accepted with revisions July 2022.

\*denotes undergraduate co-author

## Teaching Presentations/Workshops External

### *Invited presentations*

Teaching core biology principles with authentic practice. J.M. Woltz and A.J. Albee. Entomological Society of America Annual Meeting, Phoenix, AZ. Nov 10, 2024.

### *Submitted presentations*

Rising to the Challenge: Improving student outcomes using intentional course design integrating rigor, inclusion, support, and engagement. E. Melick, A. Albee, J.M. Woltz. National Association of Biology Teachers Annual Meeting, St. Louis, MO. Oct 31, 2025.

All bugs welcome here: Increasing inclusion and support in undergraduate education. J.M. Woltz and A. Pike. Entomological Society of America Annual Meeting, National Harbor, MD. Nov 7, 2023.

Fostering collaboration in the classroom. A. Albee and J.M. Woltz. Poster presented at the annual American Society for Microbiology Conference for Undergraduate Educators. June 29, 2021. Online.

## Teaching Presentations/Workshops Internal

Getting started with inclusive teaching. J.M. Woltz. Lindenwood University Inclusion Mini-Institute. 13 Aug 2024.

Inclusive syllabi. J.M. Woltz. Lindenwood University RISE Course Design Institute. 16 May 2023.

Inclusivity in your syllabi. J.M. Woltz. Lindenwood University Faculty Welcome Week. 15 Aug 2023.

Inclusive syllabi. J.M. Woltz. Lindenwood University RISE Course Design Institute. 15 May 2022.

## III. RESEARCH

### Research Publications

\*indicates author is undergraduate mentee

#### *Peer-reviewed:*

16. Lee, J.C., B. Finley, M. Flores, K.V. Graham, **J.M. Woltz**, J. Wong, R. Rosetta. 2018. Green lacewings and water sprays for azalea lace bug control. Journal of Environmental Horticulture. 36(4): 119-125.

15. Wong, J.S., A.C. Cave, D.M. Lightle, W.F. Mahaffee, S.E. Naranjo, N.G. Wiman, **J.M. Woltz**, and J.C. Lee. 2018. *Drosophila suzukii* flight performance reduced by starvation but not affected by humidity. Journal of Pest Science. 91(4): 1269-1278.

14. **Woltz, J.M.**, N. Wiman, and J.C. Lee. 2017. Two pests overlap. *Drosophila suzukii* (Diptera: Drosophilidae) use of fruit exposed to *Halyomorpha halys* (Hemiptera: Pentatomidae). *Journal of Economic Entomology*, 110: 1938-1941.

13. **Woltz, J.M.** and J.C. Lee. 2017. Pupation behavior and larval and pupal biocontrol of *Drosophila suzukii* in the field. 2017. *Biological Control*, 110: 62-69.

12. Fox, A.F., T.N. Kim, C. Bahlai, **J.M. Woltz**, C. Gratton, and D.A. Landis. 2016. Cover crops have neutral effects on predator communities and biological control services in annual cellulosic bioenergy cropping systems. *Agriculture, Ecosystems, and Environment*, 232: 101-109.

11. Rusch, A., R. Chaplin-Kramer, M. Gardiner, V. Hawro, J. Holland, D. Landis, C. Thies, T. Tscharntke, W. Weisser, C. Winqvist, **M. Woltz**, and R. Bommarco. 2016. Agricultural landscape simplification reduces natural pest control: a quantitative synthesis. *Agriculture, Ecosystems, and Environment*, 221: 198-204.

10. Lee, J.C., D.T. Dalton, K.A. Swoboda-Bhattarai, D.J. Bruck, H.J. Burrack, B.C. Strik, **J.M. Woltz**, and V.M. Walton. Characterization and manipulation of fruit susceptibility to *Drosophila suzukii*. *Journal of Pest Science, published online* 3 Sept 2015.

9. Tochen, S., **J.M. Woltz**, D.T. Dalton, J.C. Lee, N. Wiman, and V.M. Walton, 2015. Humidity affects populations of *Drosophila suzukii* (Diptera: Drosophilidae) in blueberry. *Journal of Applied Entomology, published online* 2 July 2015.

8. \*Russon, H. and **J.M. Woltz**, 2015. Movement patterns of Carabid beetles between heterogenous crop and noncrop habitats. *Great Lakes Entomologist*, 47: 186-202.

7. \*Petersen, L.F. and **J.M. Woltz**, 2015. Diel variation in the abundance and composition of the predator assemblages feeding on aphid-infested soybean. *BioControl*, 60: 209-219.

6. **Woltz, J.M.**, K.M. Donahue, D.J. Bruck, and J.C. Lee, 2014. Efficacy of commercially available predators, nematodes, and fungal entomopathogens for augmentative control of *Drosophila suzukii*. *Journal of Applied Entomology*, 139: 759-770.

5. **Woltz, J.M.** and D.A. Landis, 2014. Coccinellid response to landscape composition and configuration. *Agricultural and Forest Entomology*, 16: 341-349.

4. **Woltz, J.M.** and D.A. Landis, 2014. Comparison of sampling methods of *Aphis glycines* predators across the diel cycle. *Journal of Applied Entomology* 138: 475-484.

3. **Woltz, J.M.** and D.A. Landis, 2013. Coccinellid immigration rate influences suppression of *Aphis glycines* in soybean. *Biological Control* 64: 330-337.

2. Prather, C., S. Pelini, A. Laws, E. Rivest, **J.M. Woltz**, C. Bloch, I. Del Toro, C-K. Ho, J. Kominoski, S. Newbold, S. Parsons, and A. Joern. 2013. Invertebrates, ecosystem services and climate change. *Biological Reviews* 88: 327-348.

1. **Woltz, J.M.**, R. Isaacs, and D.A. Landis, 2012. Landscape structure and habitat management differentially influence insect natural enemies in an agricultural landscape. *Agriculture, Ecosystems, and Environment* 152: 40-49.

**Book Chapters:**

**Woltz, J.M.**, B.P. Werling, and D.A. Landis, 2012. Natural enemies and insect outbreaks in agriculture: A landscape perspective. Pg 355-370 in P. Barbosa, D. Letourneau, and J. Schultz (eds). Insect Outbreaks Revisited. Wiley-Blackwell (**Peer-reviewed**).

**Research Support****Awarded:**

Assessing the influence of biological and environmental parameters on dispersal potential of *Drosophila suzukii*, an economically damaging invasive pest of Oregon fruit crops. **J.M. Woltz** and J.C. Lee. Agricultural Research Foundation. \$12,500. 1/2015-1/2017

Predator movement and habitat use. **J.M. Woltz**. Pioneer Hi-Bred International Graduate Student Fellowship. \$37,500. 11/2010-06/2013

Effects of border permeability and length on carabid population persistence in agroecosystems. **J.M. Woltz**. Supplement to DEB-1027253 “KBS LTER: Long-Term Ecological Research in Field Crop Ecosystems” for international collaboration \$3,198. 11/2011

Influence of Coccinellid immigration rate on suppression of *Aphis glycines* in soybean. **J.M. Woltz**. KBS LTER Summer Research Fellowship. \$5,200. 5/2011

**Not awarded:**

Engaging stakeholders to elucidate biological control potential for *Halyomorpha halys* suppression in rural and residential landscapes. **J.M. Woltz**. USDA NIFA Fellowships Grant Program. 9/1/2014-8/31/2016. \$150,000

Landscape Structure and Herbivore Suppression in Agricultural Landscapes. DA Landis and **JM Woltz**. USDA AFRI Foundational, Pest and Beneficial Insects in Plant Systems Program. 1/1/2011-12/31/2013. \$497,033.

**Undergraduate Theses**

McIntosh, Hanna. *Drosophila suzukii* development and attraction. Spring 2016. Honors Thesis. Robert D Clark Honors College, University of Oregon.

Research advisor for Kalamazoo College Biology major senior theses 2011-12.

Russon, Heather R. Habitat preference and community assemblages of Carabid Beetles (Coleoptera: Carabidae) in an agricultural crop system.

Franklin, Emily, M. Spatial and temporal patterns of carabid beetle (Coleoptera: Carabidae) assemblages in winter wheat factor into their potential as biocontrol agents.

Petersen, Lucas F. Surveying the nocturnal predator assemblage of the agricultural pest soybean

aphid, *Aphis glycines* Matsumura (Hemiptera: Aphididae).

## Undergraduate Mentee Scientific Presentations

Lindenwood Ants Project. **Shae Lanier, Mary O'Heron**, Avante' Ford, A.J. Albee, and J.M. Woltz. Student Research Conference, Lindenwood University. St Charles, MO. April 2021.

Effect of environment color on crayfish pigmentation. **Kat Townsend** and J.M. Woltz. Student Research Conference, Lindenwood University. St Charles, MO. April 2021.

Effect of web angle on prey capture success rate. **Toby Manjarress** and J.M. Woltz. Student Research Conference, Lindenwood University. St Charles, MO. April 2019.

Survey of arthropods using decaying wood in Missouri urban parks. **Toyoma, Koki** and J.M. Woltz. Research Across Disciplines Conference, Webster University, Webster Groves, MO. Dec 15, 2017.

Measuring predator avoidance behavior in soybean aphid (*Aphis glycines*) (talk). **Hirzel, Grace**, D.A. Landis, and J.M. Woltz. MSU Undergraduate Research and Arts Forum. E. Lansing, MI. Apr 12, 2013.

Habitat preference and community assemblages of Carabid Beetles (Coleoptera: Carabidae) in wheat fields (poster). **Russon, Heather R** and J.M. Woltz. Kalamazoo College Diebold Symposium, Apr 2012.

Diel variation in the abundance and composition of the predator assemblages feeding on soybean aphid, *Aphis glycines* (Hemiptera: Aphididae) (poster). **Petersen, Luke F.** and J.M. Woltz. Kalamazoo College Diebold Symposium, Apr 2012.

Spatial and temporal patterns of carabid beetles (Coleoptera: Carabidae) in winter wheat factor into their potential as biocontrol agents. (poster). **Franklin, Emily M.** and J.M. Woltz. Kalamazoo College Diebold Symposium, Apr 2012.

Surveying the nocturnal predator assemblage of the agricultural pest soybean aphid (poster). **Petersen, Lucas F.**, J.M. Woltz, and D.A. Landis. Kellogg Biological Station LTER REU Symposium, Aug 2011.

## Research Talks and Posters Presented

### *Invited presentations:*

Field-based predation and pupation research on Spotted Wing Drosophila. J.M. Woltz and Jana Lee. WERA Symposium, Entomological Society of America Annual Meeting, St Louis, MO. Nov 19, 2019.

Landscape structure, coccinellid immigration, and soybean aphid biological control. J.M. Woltz IOBC Workshop Symposium, Entomological Society of America Annual Meeting, Austin, TX. Nov 12, 2013.

Relationships between landscape structure, coccinellid activity density and aphid suppression in soybean. J.M. Woltz. Oregon State University Department of Horticulture seminar. Corvallis, OR. Oct 10, 2013.

Expanding dimensions in landscape agroecological research: an iLTER cross-site collaboration. J.M. Woltz. LTER Executive Board and Science Council Meeting. Las Cruces, NM. May 16, 2013.

Expanding dimensions in landscape agroecological research: an iLTER cross-site collaboration. J.M. Woltz. The Globalization of Long-term Ecological Research, LTER mini-symposium, National Science Foundation, Arlington, VA. Feb 28, 2013.

Landscape and immigration affect soybean aphid biocontrol. J.M. Woltz and D. A. Landis. MSU EEBB Graduate Colloquium Series. East Lansing, MI. Jan 16, 2013.

New directions in landscape-ecosystem service research. J.M. Woltz. KBS LTER All Scientist Meeting. Hickory Corners, MI. Mar 16, 2012.

#### ***Submitted presentations:***

Flight mill miniaturized for spotted wing drosophila (poster). J.S. Wong, A.M. Cave, D. Lightle, J.M. Woltz, J.C. Lee. Entomological Society of America Annual Meeting. Denver, CO. Nov 5-8, 2017.

*Drosophila suzukii* flight parameters (poster). J.S. Wong, E. Caceres, A.M. Cave, D. Lightle, J.M. Woltz, and J.C. Lee. International Congress of Entomology. Orlando, FL. Sept 25-30, 2016.

Biological control of spotted wing drosophila (poster). J.M. Woltz and J.C. Lee. Entomological Society of America Annual Meeting. Minneapolis, MN. Nov 15-18, 2015.

Conservation Biological Control of Spotted Wing Drosophila (poster). J.M. Woltz and J.C. Lee. Annual Meeting of the Entomological Society of America Annual Meeting. Portland, OR. Nov 16-19, 2014.

Biological Control of Spotted Wing Drosophila (poster). J.C. Lee, J.M. Woltz, K.M. Donahue, and A.J. Dreves. Annual Meeting of the Entomological Society of America Annual Meeting. Austin, TX. Nov 10-13, 2013.

Effect of coccinellid immigration on soybean aphid suppression (poster). J.M. Woltz and D.A. Landis.

- International EcoSummit. Columbus, OH. Oct 1-5, 2012.
- Ecological Society of America Annual Meeting. Portland, OR. Aug 5-10, 2012.

Landscape configuration and composition influence coccinellid abundance in agricultural landscapes (poster). J.M. Woltz and D.A. Landis. Ecological Society of America Annual Meeting. Austin, TX. Aug 3-8, 2011.

Influence of landscape and habitat management on biocontrol of soybean aphid. J.M. Woltz and D.A. Landis.

- Ecological Society of America Annual Meeting. Pittsburgh, PA. Aug 1-6, 2010.
- Int'l Association for Landscape Ecology Annual Meeting. Athens, GA. Apr 5-9, 2010.

Predator and pollinator response to flowering strips varies with landscape diversity (poster). J.M. Woltz, J. Tuell, R. Isaacs, and D.A. Landis.

- LTER All Scientists Meeting. Estes Park, CO. Sep 14-16, 2009.
- Ecological Society of America Annual Meeting. Albuquerque, NM. Aug 2-7, 2009.

How do natural enemies and pollinators respond to habitat management across agricultural landscapes

(poster)? J. Tuell, J.M. Woltz, R. Isaacs, and D.A. Landis. Stewardship Network Conference. East Lansing, MI. Jan 2009.

Landscape Perspectives on Biological Control. J.M. Woltz, M.M. Gardiner, A.K. Fiedler, and D.A. Landis. Michigan Organic Agriculture Reporting Session. Lansing, MI. Mar 5, 2008.

Maximizing arthropod mediated ecosystem services in agricultural landscapes. J. Tuell, J.M. Woltz, A.K. Fiedler, M.M. Gardiner, D.A. Landis, and R. Isaacs.

- Invasive Species Symposium (poster), Mar 2008.
- Stewardship Network Conference: the Science Practice and Art of Restoring Native Ecosystems. East Lansing, MI. Jan 2008.
- Annual Meeting of the Entomological Society of America. San Diego, CA. Dec 9-12, 2007.

Habitat affects population demographics of garlic mustard. J.M. Woltz, K.A. Stinson, and K. Donohue. Harvard Forest REU Symposium. Harvard Forest LTER, Petersham, MA. Aug 2006.

Acidification affects algal abundance in alpine lakes (poster). J.M. Woltz and D.M. McKnight.

- State of NC Undergraduate Research Symposium. Raleigh, NC. Dec 12, 2006.
- University of Colorado Mountain Research Station REU Symposium. Niwot Ridge LTER, Nederland, CO. Aug 3, 2005.

## IV. OUTREACH/ EXTENSION

### Extension/Outreach Publications

Flores, M. B. Finely, R. Rosetta, **J.M. Woltz** and J. Lee. 2016. Biocontrol of azalea lace bugs. Digger Magazine. Oct 2016, p 33-36.

Gardiner, M.M., S.P. Prajzner, D.A. Landis, A.P. Michel, M.E. O'Neal, and **J.M. Woltz**. 2011. Buckthorn Watch: Studying the Invasive Plant Common Buckthorn. The Ohio State University Extension, Iowa State University Extension and Michigan State University Extension (Joint Extension Bulletin). Michigan State University Bulletin E-3146.

Prajzner, S.P., M.M. Gardiner, D.A. Landis, A.P. Michel, M.E. O'Neal, **J.M. Woltz**. 2010. Common Buckthorn (*Rhamnus cathartica*). The Ohio State University Extension, Iowa State University Extension and Michigan State University Extension (Joint Extension Bulletin). Michigan State University Bulletin E-3139.

### Public Outreach

KMOV evening news feature. Brown Marmorated Stink Bugs. 27 Oct 2023.  
The reporter won an emmy for this interview!

Science Olympiad, Region 6, Division B and C

- Created and proctored exams for middle school and high school Entomology events 2025.
- Created and proctored exam for middle school and high school Experimental Design, 2022.
- Created and proctored exam for high school Water Quality event 2019, 2020.
- Created and proctored exams for middle school and high school Ecology events 2017, 2018.

**Winter Wonderings**

Weekend courses taught by Oregon State University faculty and graduate students for gifted and talented 3-6<sup>th</sup> graders. Developed materials for and taught half-day course in "Insect Biology." Included hands-on activities about insect life cycles, morphology and ecology. Corvallis, OR, 8 Mar 2014.

**MSU Department of Entomology Bug House.**

Served as an Educational Guide: gave lectures, answered questions and helped citizens of all ages to handle live insects. Lansing, MI, One - four times/ week during the school year, 2008-2013.

**Presentations at Meetings, Workshops, and Field Days**

Beneficial Insects in Community Gardens. Presentation at Lindenwood University Community Garden field day. St Charles, MO, 15 April 2024.

Entomology. J.M. Woltz. Oregon State University Extension Master Gardener Program 2015 Trainings. Roseburg, OR, 27 Jan 2015.

Current status of Classical, Augmentation and Conservation Biocontrol Research for *D. suzukii*. B. Miller, D. Dalton, V. Walton, and J.M. Woltz. Grower meeting 'A Warm-Up: Management Tools for SWD'. North Willamette Research and Extension Center. Aurora, OR, 22 May 2014.

Entomology. Presentation by Gail Langellotto, presented by J.M. Woltz. Oregon State University Extension Master Gardener Program 2014 Trainings. Roseburg, OR, 28 Jan 2014.

Thinking outside the crop: Influence of surrounding landscapes on ecosystem services in crop fields. J.M. Woltz. Minnesota Statewide High Tunnel Conference, Identifying and Enhancing Beneficial Insects session. Baxter, MN. Feb, 2012.

Thinking outside the crop: Influence of surrounding landscapes on ecosystem services in crop fields. J.M. Woltz. Great Lakes Fruit and Vegetable Expo, Identifying and Enhancing Natural Enemies in Vegetables session. Grand Rapids, MI. Dec, 2011.

Biocontrol practice and applications. J.M. Woltz. "Vets to Ag" KBS LTER Program to train unemployed U.S. veterans in agricultural techniques. Hickory Corners, MI. Feb 2010

Biological Control in your home garden. J.M. Woltz. River Ridge Garden Club meeting. Lansing, MI. Mar 2009

Factors affecting soybean aphid control. J.M. Woltz. Ingham Co IPM meeting. Lansing, MI. Feb 2009

Factors affecting soybean aphid control. J.M. Woltz. Clinton Co Progressive Farmers meeting. St. Johns, MI. Feb 2009

Conservation BioControl: New MSU Research. J.M. Woltz, M. Gardiner, A. Fiedler, and D. Landis. Ingham Co IPM meeting. Lansing, MI. Mar 2008

## V. SERVICE

### Professional Societies

- National Association of Biology Teachers (2017-present)
- Entomological Society of America (2007-2015, 2019-present)
  - Formal and Informal Teaching Section
  - Plant-Insect Interactions Section
- Ecological Society of America (2008-2015)
  - Agroecology, Urban Ecosystem Ecology and Applied Ecology Sections
- US Regional Association of the International Association for Landscape Ecology (2010-2015)
- International Organization for Biological Control of Noxious Animals and Plants (2008-2015)

### Professional and Departmental Service

#### Committees

- NSU Biology Department Curriculum Committee (2025-present)
- Entomological Society of America
  - Formal and Informal Teaching Programming and Resources Subcommittee (2023-present)
- LU Lion LifeLine Working Group, Study Skills subgroup (2024-2025)
- LU DEI Taskforce (2021-2025)
- LU Faculty Liaison, Student Information System implementation and configuration (Oct 2020-2025)
- LU Retention Management System Implementation Committee (LindenCircle) (2019 – 2023)
- LU Faculty Development Advisory Group (Mar 2017- 2025)
- LU Accessibility Roundtable (Dec 2020 – May 2021)
- LU University Committee for Strategic Enrollment Planning
  - Retention & Engagement Working Group Co-Chair (Nov 2018 – 2020)
- LU University Committee on Retention (May 2018 – Aug 2019)
  - Formerly - LU President's Advisory Council on Retention (May 2017 – May 2018)
  - Formerly - LU Student Retention and Completion Committee (Aug 2016 – May 2017)
- IPM Coordinator Search Committee, MSU Dept of Entomology (2012)
- KBS-LTER Campus Graduate Student Representative (2009-2013)
- Entomological Society of America NCB Student Affairs Committee (2008-2010)
- MSU Department of Entomology Seminar Committee (2008-2010)
- MSU Ecology, Evolutionary Biology and Behavior Program Seminar Committee (2008-2009)
- MSU Dept Entomology Graduate and Undergraduate Entomology Student Society
  - President (2009-2010)
  - Secretary (2007-2009)

#### Other University and Department Service

- LU Faculty Advisor for Genders and Sexualities Alliance (2021-2025)
- LU Confluence Editorial Board, Science Editor (2021- 2025)
- LU SafeZone Training developer and facilitator (2019 - 2025)
  - 2-4 standard presentations/ semester
  - Bespoke presentations for LU Campus Safety (May 2022),
  - LU Student Athlete Advisory Council (Apr 2024, Sept 2024)
- LU Faculty Advisor for LU Collegiate Democrats (2017-2024)
- LU Biological Sciences Program Assessment Coordinator (2017-2025)
- LU Coordinator/Author of Biological Sciences 5-year Program Review

#### Judging/moderating

- Entomological Society of America student poster presentation competition judge (Nov 2023, 2024)

LU Student Academic Conference student poster/oral presentation competition judge

(Apr 2022, 2023, 2024, 2025)

LU Student Research Conference student poster competition judge (Apr 2018, 2019, 2021)

Missouri Academy of Sciences student oral presentation competition judge

and session moderator (Mar 2017)

Entomological Society of America student oral presentation competition judge (Nov 2014, 2019)

***Peer reviewer for:***

Agriculture, Ecosystems, and Environment 2012, 2013, 2014, 2015, 2016, 2017

Agricultural and Forest Entomology 2016, 2017

Basic & Applied Ecology 2020

BioControl 2008, 2016, 2017

Biological Control 2011, 2017, 2018, 2025

Canadian Journal of Plant Science 2013

Ecology Letters 2018

Environmental Entomology 2012

Frontiers in Agronomy 2021

International Journal of Pest Management 2017

Journal of Applied Ecology 2012, 2015, 2017, 2018

Journal of Applied Entomology 2017, 2018, 2019, 2020, 2021, 2022

Journal of the Kansas Entomological Society 2019

Journal of Pest Science 2019

Pest Management Science 2019

PLOS One 2019

Scientific Reports 2020