

Jessica Megan Woltz

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Department of Entomology
Michigan State University
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Education

Graduate School, Entomology and Ecology, Evolutionary Behavior and Biology,
Michigan State University, Department of Entomology, expected graduation 2012
Advisor: Doug A. Landis

Bachelor of Science, Environmental Science, Ecology Concentration,
North Carolina State University, 2007
Advisor: Nick M. Haddad

Research Experience

Research Assistant, Harvard Forest LTER 2006
Demographic and evolutionary studies of an invasive plant

Research Assistant, Niwot Ridge LTER 2005
Studies of biogeochemical dynamics of alpine lake systems

Research Assistant, NCSU Department of Zoology 2004
Demographic studies of endangered butterfly; Ft Bragg, NC

Teaching Experience

Teaching Assistant in Entomology, MSU 2008
Guest Lecturer, Entomology 2008, "Hemiptera," "Biological Control," "Malaria"
Teaching Assistant in Zoology: Ecology, Evolution, and Behavior, NCSU 2006

Awards and Honors

MSU University Distinguished Fellowship (2007-2012)
Plant Sciences Professional Enhancement Stipend Award (2007-2012)
Phi Beta Kappa Honor Society (since 2006)
J. Fulton Lutz Senior Academic Achievement Award (2006)
College of Agriculture and Life Sciences Honors Program (2005 - 2007)
Phi Eta Sigma Honor Society (since 2004)
National Merit Scholar (2003-2007)
A. Tab Williams Scholarship Recipient (2004-2007)
Robert C. Byrd Honors Scholarship Recipient (2003-2007)

Professional Memberships

Entomological Society of America (since 2007)
Ecological Society of America (since 2008)
International Organization for Biological Control of Noxious Animals and Plants (since 2008)

Professional and Departmental Service

MSU Department of Entomology Bug House – leading educational tours (since 2008)
Entomological Society of America NCB Student Affairs Committee (2008-2010)
Department of Entomology Seminar Committee (since 2008)
Ecology, Evolutionary Biology and Behavior Program Seminar Committee (2008-2009)
Graduate and Undergraduate Entomology Student Society – Secretary (2007-2009)

Scientific Presentations

Tuell, J.; **JM Woltz**; R. Isaacs, and DA Landis. 2008. How do natural enemies and pollinators respond to habitat management across agricultural landscapes? Stewardship Network Conference (poster), Jan 2009

Tuell, J.; **JM Woltz**; R. Isaacs, and DA Landis. 2008. How do natural enemies and pollinators respond to habitat management across agricultural landscapes? National Meeting, Entomological Society of America (poster), Dec 2008

Tuell, J; **JM Woltz**; AK Fiedler; MM Gardiner; DA Landis; and R Isaacs. 2008. Maximizing arthropod mediated ecosystem services in agricultural landscapes. Invasive Species Symposium (poster), Mar 2008

JM Woltz; MM Gardiner; AK Fiedler; and DA Landis. 2008. Landscape Perspectives on Biological Control. Michigan Organic Agriculture Reporting Session (talk), Mar 2008

Tuell, J; **JM Woltz**; AK Fiedler; MM Gardiner; DA Landis; and R Isaacs. 2008. Maximizing arthropod mediated ecosystem services in agricultural landscapes. Stewardship Network Conference: the Science Practice and Art of Restoring Native Ecosystems (poster), Jan 2008

Tuell, J; **JM Woltz**; AK Fiedler; MM Gardiner; DA Landis; and R Isaacs. 2007. Maximizing arthropod mediated ecosystem services in agricultural landscapes. National Meeting, Entomological Society of America (poster), Dec 2007

Woltz, JM; KA Stinson; and K Donohue. 2006. Habitat affects population demographics of garlic mustard. Harvard Forest REU Symposium (talk), Aug 2006

Woltz, JM and DM McKnight. 2005. Acidification affects algal abundance in alpine lakes. State of NC Undergraduate Research Symposium (poster), Mar 2006

Woltz, JM and DM McKnight. 2005. Acidification affects algal abundance in alpine lakes. University of Colorado Mountain Research Station REU Symposium (talk), Aug 2005

Extension and Outreach Presentations and Activities

Woltz, JM. Factors affecting soybean aphid control. Ingham Co IPM meeting (talk), Feb 2009

Woltz, JM Factors affecting soybean aphid control. 2009. Clinton Co Progressive Farmers meeting (talk), Feb 2009

Woltz, JM. Biological Control in your home garden. River Ridge Garden Club meeting (talk), Mar 2009