

Amanda D. Harwood
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EDUCATION

In Progress PhD Zoology, Southern Illinois University, Carbondale, IL GPA 4.0/4.0
2008 M.S. Zoology, Southern Illinois University, Carbondale, IL GPA 4.0/4.0
2005 B.A. Biology and Chemistry, Monmouth College, Monmouth, IL GPA 3.6/4.0

EXPERIENCE

5/2005-present	Graduate Research Assistant	Southern Illinois University
1/2004-5/2005	Biology Laboratory Teaching Assistant	Monmouth College
8/2002-5/2005	Chemistry Laboratory Teaching Assistant	Monmouth College
8/2004-12/2004	Introduction to Liberal Arts Associate	Monmouth College

AWARDS

Southern Illinois University Doctoral Graduate Fellowship 2008-2009
U.S. EPA Greater Research Opportunities Fellowship 2006-2008
SETAC/EA Engineering Jeff Black Award 2006
U.S. EPA Fellowship Conference Best Poster at Masters Level 2nd place 2006
SETAC Travel Award 2006
Monmouth College Biology Departmental Award 2005
Monmouth College Outstanding Senior Chemistry Major 2005
Tri-Beta Frank G. Brooks Award for Excellence in Student Research (oral presentation)
1st Place 2005
Tri-Beta John C. Johnson Award for Excellence in Student Research (poster presentation)
2nd Place 2005
Tri-Beta Chapter Outstanding Scholar Award 2005
Don R. Josephson Memorial Prize for Excellence in Science 2005
CRC Monmouth College Freshman Chemist 2002

SERVICE

Zoology Graduate Student Association Seminar Committee Co-Chair 2006-present
Tri-Beta Biological Honor Society Chapter President 2004-2005
Monmouth College New Student Orientation Leader 2004
Monmouth College Students for Environmental Awareness President 2003-2004

PROFESSIONAL AFFILIATIONS

American Chemical Society
Society of Environmental Toxicology and Chemistry
The American Association for the Advancement of Science

PUBLICATIONS

Lydy MJ, Belden JB, You J, **Harwood AD**. Toxicological significance of pesticide residues in aquatic animals. In eds N. Beyer, J. Meador, *Environmental Contamination in Wildlife: Interpreting Tissue Concentration*. Taylor and Francis, London *In press*

Ding Y, **Harwood AD**, Foslund HM, Lydy MJ. Distribution and toxicity of sediment-associated pesticides in urban and agricultural waterways from Illinois, USA. *Environ Toxicol Chem in press*

Schuler LJ, Landrum PF, **Harwood AD**, Tripp EM, and Lydy MJ. 2009. An examination of the joint toxicity of fluoranthene and pentachlorobenzene to *Hyalella azteca* and *Chironomus tentans* in water-only exposures. *Chemosphere* 77: 339-403.

Brennan AA, **Harwood AD**, You J, Landrum PF, Lydy MJ. 2009. Degradation of fipronil in anaerobic sediments and the effect on porewater concentrations. *Chemosphere* 77: 22-28.

Harwood AD, You J, Lydy MJ. 2009. Temperature as a Toxicity Identification Evaluation tool for pyrethroid insecticides: Toxicokinetic confirmation. *Environ Toxicol Chem* 28: 1051-1058.

Weston DP, You J, **Harwood AD**, Lydy MJ. 2009. Whole sediment Toxicity Identification Evaluation tools for pyrethroid insecticides: III Temperature manipulation. *Environ Toxicol Chem* 28: 173-180.

Maul JD, Brennan AA, **Harwood AD**, Lydy MJ. 2008. Effect of sediment-associated pyrethroids, fipronil, and metabolites on *Chironomus tentans* growth rate, body mass, condition index, immobilization, and survival. *Environ Toxicol Chem* 27: 2582-2590.

PRESENTATIONS

Harwood AD, You J, and MJ Lydy. Temperature as a Toxicity Identification Evaluation tool for pyrethroid insecticides: Toxicokinetic confirmation. Society of Environmental Toxicology and Chemistry North America 29th National Meeting, Tampa, FL. November 2008. (poster)

Harwood AD and MJ Lydy. Development of compound specific TIEs for implicating pyrethroid insecticides in sediment toxicity. Society of Environmental Toxicology and Chemistry Midwest Regional Meeting, Duluth, MN. March 2008. (oral)

Harwood AD and MJ Lydy. Using toxicokinetics to explain the effect of temperature on toxicity in *Chironomus tentans*. Society of Environmental Toxicology and Chemistry North America 28th National Meeting, Milwaukee, WI. November 2007. (poster)

Harwood AD and MJ Lydy. Effect of temperature on the toxicokinetics of pyrethroid insecticides in *Chironomus tentans*. Society of Environmental Toxicology and Chemistry North America 27th National Meeting, Montréal, Quebec, Canada. November 2006. (oral)

Harwood AD. Temperature as component of Toxicity Identification Evaluations for pyrethroid insecticides. U.S. EPA Graduate Fellowship Conference. Washington, DC. September 2006. (poster)

Harwood AD and MJ Lydy. Effect of temperature on the toxicokinetics of pyrethroid insecticides in *Chironomus tentans*. American Chemical Society 232nd National Meeting. San Francisco, CA. September 2006. (poster)

Harwood AD. Fluoxetine hydrochloride and norfluoxetine affect behavior and predation of *Xenopus laevis*. Tri-Beta Regional Convention. Green Bay, WI. April 2005 and Monmouth College Departments of Biology and Chemistry. Monmouth College, Monmouth IL. April 2005. (oral)

Harwood AD. Kleptoparasites of *Nephila clavipes* respond to web size and exhibit web fidelity. Tri-Beta Regional Convention. Green Bay, WI. April 2005 (poster) and Monmouth College Science Seminar. Monmouth College, Monmouth IL. August 2004. (oral)