

Kristen M. DeVanna

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PROFESSIONAL PREPARATION

Ph.D. University of Toledo, Biology (Ecology track); 2007-present
M.S. University of Toledo, Biology (Ecology track); 2006
B.A. Ohio Wesleyan University, Zoology (minor: Psychology (research emphasis), Summa Cum Laude, Phi Beta Kappa); 2003

APPOINTMENTS

2008-2010 National Science Foundation GK-12 Fellow, University of Toledo
2004-2008 Teaching assistant, Department of Environmental Sciences, University of Toledo
2007 Research assistant, Lake Erie Center, University of Toledo
2003 Research assistant, Kellogg Biological Station, Michigan State University
2002 Research assistant, Ohio Wesleyan University summer science program

PUBLICATIONS

Downing, A.L., **K.M. DeVanna**, C.N. Rubeck-Schurtz, L. Tuhela-Reuning, and H. Grunkemeyer. 2008. Community and ecosystem responses to a pulsed pesticide disturbance in freshwater ecosystems. *Ecotoxicology* **17**: 539-548.
DeVanna K.M., Bodamer, B.L., Wellington, C.G., Hammer, E., Bossenbroek, J.M., and Mayer, C.M. (*in review at Biological Invasions*) An alternative hypothesis for invasional meltdown: General facilitation by *Dreissena*.
DeVanna, K.M., C.A. Barrett, and C.M. Mayer. (*in review at Journal of the North American Benthological Society*) Effects of *Dreissena* on infaunal benthic communities: Consequences of ecosystem engineering.

PRESENTATIONS (5 most recent)

2009 Biotic and abiotic habitat interactions determine predation risk for burrowing mayflies. International Association for Great Lakes Research, Toledo, OH.
2009 An alternative hypothesis for invasional meltdown: General facilitation by *Dreissena*. International Conference on Aquatic Invasive Species, Montreal, Quebec, Canada.
2008 *Hexagenia* habitat choice: Effects of hypoxia and fish foraging. International Association for Great Lakes Research, Trent University, Peterborough, Ontario, Canada.
2008 Impacts of hypoxia and fish predation on *Hexagenia* use of *Dreissena*-colonized habitat. Lake Erie Millennium Network Biannual Conference, Windsor, Ontario, Canada.
2007 Role of *Dreissena* as ecosystem engineers: Effects on mayflies and other burrowing invertebrates. American Fisheries Society Joint Chapter Meeting, Pokagon State Park, IN.

AWARDS

Paul W. Rogers Scholarship (International Association for Great Lakes Research); 2009
Ohio Sea Grant Ship Time Grant; 2008
Lake Erie Protection Fund Small Grant; 2007
Sigma Xi Grant-in-Aid of Research; 2007
International Association for Great Lakes Research Scholarship; 2007
Honorable mention award for oral presentation at Sigma Xi conference; 2007
Honorable mention award for poster presentation at Sigma Xi conference; 2007
George B. Harris Award for outstanding academic achievement by a zoology major; 2003
Edwin G. Conklin Award for outstanding independent studies in zoology; 2003

Krause Research Fellowship; 2002
United States National Collegiate Award for the Natural Sciences; 2002

GRADUATE ADVISOR

Dr. Christine M. Mayer

PROFESSIONAL MEMBERSHIPS

International Association for Great Lakes Research
Sigma-Xi

SYNERGISTIC ACTIVITIES

- 2008-present Student Board Member of the International Association for Great Lakes Research. Responsible for updating postings on the website, organizing student activities sponsored by the association, and bringing student issues and requests to the board meetings.
- 2007-present President of the Department of Environmental Sciences Graduate Student Association
- 2007-2009 Co-Chair of the Graduate Student Committee for the International Association for Great Lakes Research 2009 Conference. Responsible for coordinating graduate student activities and organizing graduate student workshops on how to get a job, build a resume, and how to succeed in graduate school for the conference
- 2008 Lial Catholic School Career Day
Interviewed and shadowed by a 6th grade student interested in marine biology
- 2007 Fassett Middle School Career Day
Presented to 7th and 8th grade students a talk entitled “Life as an Aquatic Ecologist”