

WHITNEY A. NELSON

ADDRESS:

Department of Entomology
319 Agriculture Building
Fayetteville, Arkansas 72701
University of Arkansas
Phone: 479-575-2451
Fax: 479-575-2452
E-mail: wanelson@uark.edu

EDUCATION:

PhD	Expected 2016	University of Arkansas	Entomology
M.S.	2011	Grand Valley State University	Biology/Aquatic Science
B.S., B.A	2008	Calvin College	Biology, English

EMPLOYMENT HISTORY

Technical Research Call-In for the Muskegon Lake Hydrologic Reconnection and Mill Debris Removal Project through the West Michigan Shoreline Regional Development Commission (WMSRDC), Annis Water Resources Institute, Grand Valley State University, Muskegon, MI:
September 2011- June 2012

Responsibilities include the collection of invertebrate communities from an area of unnatural lake fill debris using artificial sediment baskets and suction sampling, as well as preservation and identification of organisms.

Graduate Research Assistant, Annis Water Resources Institute, Grand Valley State University, Muskegon, MI:
September, 2009 –September 2011

Responsibilities included compiling data for ongoing lab research, as well as completing independent research linked to broad questions relating to a Great Lakes Area of Concern, ecosystem recovery, and in situ benthic macroinvertebrate response.

Education Director, New River Foundation, Onslow County, NC:
July, 2008-August, 2009

Managed a youth outreach program for this grassroots organization, including designing watershed education oriented field trips and classroom exercises for local 6th-12th grade students. Maintained relationships with donors interested in continued outreach opportunities and programs.

PRESENTATIONS:

Nelson, W.A., Burton, G.A, and Steinman, A.D. Sediment toxicity in an Area of Concern: an *in situ* bioassay with *Chironomus dilutus* and *Hyaella azteca*. Society for Freshwater Science annual meeting. Louisville, KY. 5/12.

Nelson, W.A. Composition and toxic sensitivity of benthic macroinvertebrate assemblages in Muskegon Lake, a Great Lakes Area of Concern (M.S. Defense). Annis Water Resources Institute, Grand Valley State University. Muskegon, MI. 10/11.

Nelson, W.A. and Steinman, A.D. Composition of benthic invertebrate assemblages in a Great Lakes area of concern (oral presentation). North American Benthological Society annual meeting. Providence, RI. 5/11.

Nelson, W.A. and Steinman, A.D. Composition and toxic sensitivity of benthic macroinvertebrate assemblages in Muskegon Lake, a Great Lakes Area of Concern (poster presentation). North American Benthological Society annual meeting. Santa Fe, NM. 6/10.

Nelson, W.A. The effects of a sediment trap on benthic macroinvertebrate populations in the north branch of the Boardman River (oral presentation). Butler University Undergraduate Conference. Indianapolis, IN. 4/08.

GRANTS AND AWARDS:

Distinguished Doctoral Fellowship	University of Arkansas	(2012-2016)
Outstanding Master's Thesis in a Major	Grand Valley State University	(2011)
Academic Conference Fund, Travel Grant	Grand Valley State University.	(2010, 2011)
Presidential Research Grant, M.S. Research	Grand Valley State University.	(2010)

INVITED PRESENTATIONS/SEMINARS:

Changing trends in benthic communities in a coastal drowned river mouth lake. Calvin College, Grand Rapids, MI. 4/1/11

English majors and scientific writing. Academic and Professional Writing. Calvin College, Grand Rapids, MI. 4/15/11

PROFESSIONAL SOCIETIES:

Society for Freshwater Science (formerly North American Benthological Society)
Entomological Society of America
American Association for the Advancement of Science