

Timothy M. Swartz

W411 Turner Hall,
1102 South Goodwin Ave.
Urbana, IL 61801

tswartz2@illinois.edu

EDUCATION

- M.S. (in progress)** University of Illinois at Urbana-Champaign *Fall 2015 – Present*
- Masters of Science; Natural Resources and Environmental Sciences program
- B.S. *Magna cum laude*** Messiah College, Mechanicsburg, PA *August 2011 – May 2015*
- Bachelor of Science; major in Biology with a concentration in Ecology

HONORS AND AWARDS

- Jonathan Baldwin Turner Graduate Fellowship (University of Illinois) *2015 – 2017*
- Who's Who Among Students in American Universities & Colleges *2015*
- Steinbrecher Undergraduate Research Grant *2014*
- Rotary International Student-of-the-Month *January 2013*
- Messiah College President's Scholarship and participant in College Honors Program *2011 – 2015*

RESEARCH

- Graduate Fellow** *August 2015 – Present*
- Institution: University of Illinois at Urbana-Champaign
Description: Amphibian conservation and population ecology in an agricultural landscape
Supervisor: Jim Miller, Ph.D.
- Undergraduate Departmental Honors Research** *May 2014 – April 2015*
- Institution: Messiah College, Mechanicsburg, PA
Description: Tested a rapid assessment protocol for vernal pool conservation
Supervisor: Erik Lindquist, Ph.D.

TEACHING EXPERIENCE

- Teaching Assistant**
- Department of Biology, Messiah College
- BIOL 161- Animal Form and Function *January 2013*
 - BIOL 358- Herpetology *Spring 2015*

RELAVENT PROFESSIONAL EXPERIENCE

- Field Technician**, Dept. Natural Resources and Environmental Sciences, Univ. of Illinois *July 2015*
- Assisted in arthropod and vegetation sampling and avian surveys
- Ecological Program Specialist Intern**, Bureau of Forestry, Harrisburg, PA *February – June 2015*
- Collaborated with bureau biologists in conducting environmental reviews, best management practice protocols, field surveys, and mapping
 - Focused on development and implementation of amphibian, reptile, and avian surveys
- Owl Banding Intern** *Fall 2014*
- The Ned Smith Center for Nature and Art, Halifax, PA
- Assisted in mist-netting and banding of Northern Saw-whet Owls during the fall migration
- International Service Trip Student Leader**- Torotoro, Bolivia *March 2013, March 2014*
- The Agapé Center for Service and Learning, Messiah College
- Led a research team in testing and reporting on environmental water quality in the Torotoro region

Animal Care Assistant

Department of Biology, Messiah College

August 2012 – February 2015

- Provided daily care for the college's collection of live mammals, reptiles, and amphibians

PUBLICATIONS

- **Swartz, TM**, E Stuart, ED Lindquist, and DK Foster. **In Prep**. Testing Rapid Assessment Tools for the Conservation of Vernal Pools in South-central Pennsylvania.
- **Swartz, TM**, ED Lindquist, Richards-Zawacki, Cori. **In Prep**. A Skeletochronological Study of *Atelopus* Population dynamics: A Short Note.
- Nelson, SB, Coon, JJ, Halsey, SJ, Kranz, AJ, **Swartz, TM**, Miller, JR. **In Prep**. Effects of Invasive Plants on Birds: A Review.

PRESENTATIONS

- **Swartz, TM** and E Stuart. **May 2015**. Testing Rapid Assessment Tools for the Conservation of Vernal Pools in South-central Pennsylvania. Poster and oral presentation at the Spring Research Symposium at Messiah College, Mechanicsburg, PA.