

Curriculum Vitae

KELLY HELENE BROSSMAN

EDUCATION

- 2012- **MS Ecology.** Pennsylvania State University, State College, PA.
- 2008-2012 **BS Biology, Psychology Minor.** Pennsylvania State University, State College, PA.
- 2009 **Nurse Aide Certificate.** Harrisburg Area Community College, Harrisburg, PA.

RESEARCH EXPERIENCE

- 2012- **Graduate Researcher.** Langkilde Laboratory, Penn State University, PA.
- 2010-2012 **Undergraduate Research Assistant.** Langkilde Laboratory, Penn State University, PA.
- 2009-2010 **Undergraduate Research Assistant.** Weeg Laboratory, Penn State University, Altoona, PA.

GRANTS, AWARDS

- 2012 **Certificate of Achievement for Research Excellence.** Penn State Department of Biology.
- 2011 **Summer Discovery Grant.** Pennsylvania State University.
- 2010 **Undergraduate Research Award.** Pennsylvania State University Eberly College of Science.
- 2010 **Marine Corps League Foundation Scholarship.** Marine Corps League Foundation Inc.
- 2010 **First Award.** Penn State Altoona Undergraduate Conference.
- 2008-2011 **Dean's List.** Pennsylvania State University.

PUBLICATIONS AND PROFESSIONAL PRESENTATIONS

Publications:

- Brossman, K.H.,** B.E. Carlson, L.N. Swierk, & T. Langkilde. 2013. Aquatic tail size carries over to the terrestrial phase without impairing locomotion in adult Eastern Red-spotted Newts (*Notophthalmus v. viridescens*). Canadian Journal of Zoology 91: 7-12.

Brossman, K.H., B.E. Carlson, A. Stokes, & T. Langkilde. Predator-induced chemical and morphological defenses in eastern newt (*Notophthalmus v. viridescens*) larvae. In prep.

Brossman, K.H., R. Earley, & T. Langkilde. Using novel hormone collection techniques to evaluate predator-induced phenotypic plasticity in the eastern newt (*Notophthalmus viridescens*): a stress mediated defense. In prep.

Poster Presentations:

Brossman, K.H., B.E. Carlson, A.N. Stokes, & T. Langkilde. 2012. Ecological Society of America, Portland, OR.

Brossman, K.H., B.E. Carlson, A. N. Stokes, & T. Langkilde. 2012. Pennsylvania State University Undergraduate Research Exhibition. State College, PA.

Carlson, B.E., **K.H. Brossman**, L.N. Swierk, & T. Langkilde. 2011. Ecological Society of America, Austin, TX.

Brossman, K.H., B.E. Carlson, L.N. Swierk, & T. Langkilde. 2011. Mid-Atlantic Chapter Ecological Society of America & New Jersey Academy of Science. Montclair, NJ.

Brossman, K.H., B.E. Carlson, L.N. Swierk, & T. Langkilde. 2011. Pennsylvania State University Undergraduate Research Exhibition. State College, PA.

Brossman, K.H., G.A. Samra, J.B. Grant, & M. Weeg. 2010. Pennsylvania State University Altoona Undergraduate Research Exhibition. Altoona, PA.

LEADERSHIP EXPERIENCE AND SOCIAL SERVICE

Judge (2013). Undergraduate Research Exhibition. Pennsylvania State University. State College, PA.

Presentation (2013). Research Presentation to Undergraduate Ecology Course. Pennsylvania State University. State College, PA.

Presentation (2013). Research Presentation to CBBC Organization. Pennsylvania State University. State College, PA.

Member (2013). Graduate Olympics. Pennsylvania State University. State College, PA.

Student leader (2013). Expanding Your Horizons: STEM Career Day for Girls. Pennsylvania State University. State College, PA.

Teaching Assistant (2012). Biology Department. Pennsylvania State University. State College, PA.

Collaboration (2012). Dr. Ryan Earley, University of Alabama. Tuscaloosa, AL.

Member (2012). American Society of Ichthyologists and Herpetologists.

Program Facilitator and Extended Care Leader (2011). Science-U Summer Camp. State College, PA.

Judge (2011-2012). Pennsylvania Junior Academy of Science. Pennsylvania State University. State College, PA.

Active Member (2010-2012). Pennsylvania State University Student Red Cross Club. State College, PA.

Freshman Panel Seminar Member (2010). Pennsylvania State University. State College, PA.

Nurse Aide. (2009). NNAAP registration, 10017622, expired 7/29/2011. Harrisburg, PA.

Student Leader (2009). Penn State Altoona Spooktacular Science Show. Altoona, PA.

Participant (2009-2010). Hard Freight Literary Magazine, Photography Submissions. Penn State Altoona. Altoona, PA.

Inductee (2009-present). Alpha Lambda Delta, Penn State. State College, PA.

Member (2008-2010), **Secretary** (2009-2010). Pennsylvania State University Altoona Biology Club. Altoona, PA.

Participant (2009-2010). Breast Cancer and MS Walks. Hollidaysburg, PA.

Volunteer. (2008-2009). Monroe Elementary School, assisting Special Needs children. Boiling Springs, PA.

Member (2008-2010). Penn State Altoona THON Family Relations and Letter Writing Committee. Altoona, PA.