

Jennifer M. Deitloff

Department of Biology
East Campus Science Center
Lock Haven University
Lock Haven, PA 17745

Office: (570) 484-2065
Fax: (570) 484-2047
E-mail: jmd240@lockhaven.edu

Professional Experience

2018-present **Associate Professor**, Lock Haven University, Lock Haven, PA.
2014-2018 **Assistant Professor**, Lock Haven University, Lock Haven, PA.
2014 **Adjunct Faculty**, Iowa State University, Ames, IA.
2012-2014 **Adjunct Faculty**, Grand View University, Des Moines, IA.
2012-2013 **Postdoctoral Scholar**, Department of Entomology, Iowa State University, Ames, IA.
2008-2012 **Postdoctoral Scholar**, Department of Biological Sciences, Auburn University, AL.
2008-2012 **Assistant Curator**, Reptiles and Amphibians Collection, Auburn University, Natural History Museum, AL.

Education

2008 **Ph.D.** Ecology and Evolutionary Biology. Iowa State University, Ames, IA
Dissertation: **Ecological processes responsible for species co-occurrence patterns in two species of *Plethodon* salamanders.**

2003 **B.S.** Zoology. Minnesota State University, Mankato, MN
Thesis: **Weather and changes in population size in *Peromyscus leucopus* and *Microtus pennsylvanicus*: a twenty year study.**

Teaching Experience

Lock Haven University of Pennsylvania, Course Development

2015 Comparative Vertebrate Anatomy: major course revision, university syllabus approval
2016 Herpetology: new course design, university syllabus approval

Lock Haven University of Pennsylvania, Assistant Professor of Biological Sciences

2019-2020 Lecture and Lab Instructor: Comparative Vertebrate Anatomy (Biol 315)
Laboratory Instructor: Principles of Biology I (Biol 106)
Laboratory Instructor: Principles of Biology II (Biol 107)
Lecture and Laboratory Instructor: Basic Biology (Biol 101)

2018-2019 Lecture and Lab Instructor: Herpetology (Biol 420)
Lecture Instructor: Topics in Biology: Animal Diversity (Biol 125)
Laboratory Instructor: Principles of Biology I (Biol 106)
Laboratory Instructor: Principles of Biology II (Biol 107)
Laboratory Instructor: Basic Biology (Biol 101)

2017-2018 Lecture and Laboratory Instructor: Comparative Vertebrate Anatomy (Biol 315)
Laboratory Instructor: Principles of Biology I (Biol 106)

	Lecture and Laboratory Instructor: Basic Biology (Biol 101)
2016-2017	Lecture and Lab Instructor, New course development: Herpetology (Biol 420)
	Lecture Instructor: Topics in Biology (Biol 125)
	Laboratory Instructor: Principles of Biology I (Biol 106)
	Laboratory Instructor: Principles of Biology II (Biol 107)
	Lecture and Laboratory Instructor: Basic Biology (Biol 101)
2015-2016	Lecture and Laboratory Instructor: Comparative Vertebrate Anatomy (Biol 315)
	Lecture Instructor: Topics in Biology (Biol 125)
	Laboratory Instructor: Principles of Biology I (Biol 106)
	Laboratory Instructor: Principles of Biology II (Biol 107)
	Lecture and Laboratory Instructor: Basic Biology (Biol 101)
2014-2015	Lecture and Laboratory Instructor: Comparative Vertebrate Anatomy (Biol 315)
	Lecture and Laboratory Instructor: Basic Biology (Biol 101)
	Laboratory Instructor: Principles of Biology I (Biol 106)
	Laboratory Instructor: Principles of Biology II (Biol 107)

Instructor/Adjunct Faculty

2014	Principles of Biology I	Iowa State University	Ames, IA
2014	General Biology I (Lecture and Lab)	Grand View University	Des Moines, IA
2013	Principles of Biology I	Iowa State University	Ames, IA
2013	General Biology I (Lecture and Lab)	Grand View University	Des Moines, IA
2012	Organismal Biology Lab	Grand View University	Des Moines, IA
2010	Herpetology	Auburn University	Auburn, AL
2010	Vertebrate Biodiversity	Auburn University	Auburn, AL
2009	Herpetology (Co-Instructor)	Auburn University	Auburn, AL
2009	Vertebrate Biodiversity (Co-Instructor)	Auburn University	Auburn, AL
2009	Geometric Morphometrics for Ecologists	Auburn University	Auburn, AL
2008	Introductory Biology	Iowa State University	Ames, IA
2005	Introductory Biology	Iowa State University	Ames, IA

Guest Lectures

2013	Population Ecology	Environmental Biology	Iowa State University
2012	Integument	Vertebrate Biology	Iowa State University
2012	Coloration	Vertebrate Biology	Iowa State University
2012	Communication	Vertebrate Biology	Iowa State University
2012	Life History Strategies	Vertebrate Biology	Iowa State University
2012	Amphibian Mating	Herpetology	Iowa State University
2012	Research Seminar	Herpetology	Iowa State University
2011	Vertebrate Behavior	Vertebrate Biology	Iowa State University
2011	Research Seminar	Herpetology	Iowa State University
2011	Reproductive biology of Caudata and Gymnophiona	Vertebrate Biodiversity	Auburn University
2011	Reproductive biology of Anura	Vertebrate Biodiversity	Auburn University
2011	Reproductive biology of Reptilia	Vertebrate Biodiversity	Auburn University
2011	Amphibian and Reptilian Foraging Behavior	Herpetology	Auburn University

2011	Escape from Predation in Amphibia and Reptilia	Herpetology	Auburn University
2011	Evolutionary Ecology and Natural Selection	Ecology	Auburn University
2008	Modern Caudata	Vertebrate Biodiversity	Auburn University
2008	Reptilian Behavior	Vertebrate Biodiversity	Auburn University
2008	Reptilian Foraging	Herpetology	Auburn University
2008	Escape from Predation	Herpetology	Auburn University
2008	Reproduction	Herpetology	Auburn University

Resource Faculty, Organization for Tropical Studies, Costa Rica

2010	Graduate Field Ecology and Tropical Biology	Duke University	Durham, NC
2009	Undergraduate Tropical Biology	Duke University	Durham, NC

Other

2008	Lab Coordinator, Ecology	Iowa State University	Ames, IA
2007	Teaching Assistant, Ecology Lab	Iowa State University	Ames, IA
2007	Teaching Assistant, Ecology Lab	Iowa State University	Ames, IA
2007	Teaching Assistant, Principles of Biology II Lab	Iowa State University	Ames, IA
2006	Teaching Assistant, Principles of Biology I Lab	Iowa State University	Ames, IA

Peer-Reviewed Publications

16. **Deitloff, J.**, E. Myers, S. Spear, D. Stevenson, and C. Guyer. 2019. Multiple paternity and heritability of color in *Drymarchon couperi* (Eastern Indigo Snake). In Press: *Herpetologica*.
15. Pierson, T.,[‡] **J. Deitloff**, S. Sessions, K. Kozak, B. Fitzpatrick. 2019. Alternative reproductive tactics in a plethodontid salamander. *The American Naturalist* 193: 608-618.
14. **Deitloff, J.**, C. Floyd[†], S. P. Graham. 2016. Examining head-shape differences and ecology in morphologically similar salamanders at their zone of contact. *Copeia* 104: 233-242.
13. **Deitloff, J.**, M. W. Dunbar, D. A. Ingber, B. E. Hibbard, and A. J. Gassmann. 2016. Effects of refuges on the evolution of resistance to transgenic corn by western corn rootworm, *Diabrotica virgifera virgifera* Le Conte. *Pest Management Science* 72: 190-198. DOI: 10.1002/ps.3988.
12. Phillips, J. G.[†], **J. Deitloff**, C. Guyer, S. Huetteman and K. E. Nicholson. 2015. Biogeography and evolution of a widespread Central American lizard species complex: *Norops humilis*, (Squamata: Dactyloidae). *BMC Evolutionary Biology* 15:143. DOI: 10.1186/s12862-015-0391-4.
11. **Deitloff, J.**, M. Alcorn[†], and S. Graham. 2014. Variation in mating systems of salamanders: mate guarding or territoriality? *Behavioral Processes* 106:111-117. DOI: 10.1016/j.beproc.2014.04.006.
10. **Deitloff, J.**, V. Johnson, C. Guyer. 2013. Bold colors in a drab lineage: Do Eastern Indigo Snakes exhibit color dimorphism? *PLOS ONE* 8: e64538. DOI:10.1371/journal.pone.0064538.
9. Graham, S. P., M. Alcorn[†], E. K. Timpe, and **J. Deitloff**. 2013. Seasonal changes of primary and secondary sexual characteristics in the salamanders *Eurycea aquatica* and *E. cirrigera*. *Herpetological Conservation and Biology* 8:53-64.

8. Khon, N. R., **J. Deitloff**, S. Dartez, M. M. Wilcox, and R. G. Jaeger. 2013. Memory of conspecifics in male *Plethodon cinereus*: Implications for territorial defense. *Current Zoology* 59:326-334.
7. Alcorn, M.[†], **J. Deitloff**, S. Graham, and E. K. Timpe. 2013. Sexual dimorphism in head shape, relative head-width, and body size of *Eurycea aquatica* and *Eurycea cirrigera*. *Journal of Herpetology* 47:321-327.
6. **Deitloff, J.**, J. D. Peterson, and D. C. Adams. 2013. Complex species interactions and environmental conditions lead to unpredictable community outcomes in *Plethodon* salamanders. *Herpetologica* 69: 1-10.
5. **Deitloff, J.** 2011. Sympatry between two wide-ranging salamander species. *IRCF Reptiles and Amphibians* 18: 6-11.
4. **Deitloff, J.**, M. Falcy, J. D. Krenz, and B. R. McMillan. 2010. Correlating small mammal abundance to climatic variation over twenty years. *Journal of Mammalogy* 91: 193-199.
3. Graham, S. P., E. K. Timpe, S. K. Hoss, M. Alcorn[†], and **J. Deitloff**. 2010. Notes on reproduction in the Brownback Salamander (*Eurycea aquatica*). *IRCF Reptiles and Amphibians* 17:168-172.
2. **Deitloff, J.**, J. O. Church, D. C. Adams, and R. G. Jaeger. 2009. Interspecific agonistic behaviors in a salamander community: Implications for alpha-selection. *Herpetologica* 65: 174-182.
1. **Deitloff, J.**, D. C. Adams, B. F. M. Olechnowski, and R. G. Jaeger. 2008. Interspecific aggression in Ohio *Plethodon*: Implications for competition. *Herpetologica* 64: 180-188.

[†] Indicates undergraduate student authors from other universities

[‡] Indicates graduate student authors from other universities

Mentoring Experience

Lock Haven University of Pennsylvania, PA*

Undergraduate Independent Study (Biol 499) Research Projects (alphabetical):

Landon Allen (Spr 2016 – Spr 2017). Geometric Morphometrics of Salamanders.

Olivia Bellomo (Sum 2017, Spr 2018). Museum Organization.

Mariah Cardoza (Spr 2015 – Spr 2017). Anole Morphological Description (Spr 2015), Anole Behavior (Fa 2015), Nanoparticles on Axolotls (Fa 2016-Spr 2017).

Curtis Cole (Spr 2015). Red-backed Salamanders.

Colin Eckman (Spr 2019 – Fall 2019). Ecology of Salamanders.

Justin Elchynski (Spr 2015 – Fa 2015). Growth Inhibition in Frogs.

Teah Evers (Fa 2017 – Spr 2018). Coverboard Use in Salamanders.

Jacob Fetterman (Fa 2015 – Spr 2016). Salamander Behavior (Fa 2015); Behavior of *Eurycea* (Spr 2016).

Katie Fitzgerald (Fa 2018 – Spr 2019). Salamander Morphology

Lauren Harter (Fa 2018). Nanoparticles on Amphibians.

Samantha Hughes (Spr 2017 – Fa 2017). Behavior in Salamanders.

Eva Miller (Fa 2017 – Spr 2018). Salamander Morphology.

Maegan Miller (Spr 2019 – Fall 2019). Molecular Biology of Salamanders.

John Loomis (Fa 2017 – Spr 2018). *Plethodon* Foot Morphology.

Rhiannon McGlone (Spr 2018 – Fa 2018). Behavior in Salamanders.

Austin Morder (Spr 2019 – Fall 2019). Coverboard Use in Salamanders.

Nate Rainey (Spr 2018 – Fall 2019). Geometric Morphometrics of *Eurycea* (Spr 2018 – Spr 2019). Sexual Selection of *Eurycea* (Sum 2019-Fall 2019)

David Savage (Fa 2014 – Spr 2016). Anole Species Description (Fa 2014 – Spr 2015); Behavior of Salamanders (Spr 2016).
 Vadim Teleguz (Fa 2015 – Spr 2016). Anole Geometric Morphometrics.
 Samantha Wesnak (Fa 2016 – Spr 2017). Behavior of *Eurycea*.
 Jordan Whitmer (Fa 2014 – Spr 2015). Anole Morphological Comparison.
 Kelsey Young (Fa 2015). Salamander Disease.

Undergraduate Capstone Research Projects:

Mariah Cardoza (Nano 458; Spr 2016 and Spr 2017). Silver Nanoparticles on Axolotls; Silver Nanoparticles on *Xenopus*

Student Research Grants (Competitive Grants, funded)

2019 Rainey, H.N. Travel funds to present at Joint Meeting of Ichthyologists and Herpetologists: Distinguishing morphological differences in the head shape of *Eurycea wilderae* (Blue Ridge Two-Lined Salamander). Undergraduate Research Funds, College of Natural, Behavioral, and Health Sciences. Applied: \$500. Funded \$350.
 2019 Fitzgerald, K. Head morphology variation across Pennsylvanian populations of *Plethodon cinereus*. \$300. Global Honors Program, Honors Research Competition Award.
 2019 Rainey, H.N. Distinguishing morphological differences in the head shape of *Eurycea wilderae* (Blue Ridge Two-Lined Salamander). \$300. Global Honors Program, Honors Research Competition Award.
 2018 McGlone, R. Territorial behavior in *Plethodon cinereus* in Pennsylvania. \$500. Student Research Grants, Roger Conant Grants in Herpetology.
 2018 McGlone, R. Territorial behavior in *Plethodon cinereus* (Red-backed Salamander) in seven populations from Pennsylvania. \$500. Global Honors Program, Honors Research Competition

Student Travel Grants (Funded)

2019 Eckman, C. Assessment of the density, spatial distribution and movement patterns of *Plethodon cinereus* (Eastern Red-backed Salamander) using spatial capture-recapture. \$600. Clark Hubbs Travel Award, American Society of Ichthyologists and Herpetologists.
 2019 Eckman, C. Assessment of the density, spatial distribution and movement patterns of *Plethodon cinereus* (Eastern Red-backed Salamander) using spatial capture-recapture. \$500. Student Travel Grants, Society for the Study of Amphibians and Reptiles.
 2019 Fitzgerald, K. Head morphology variation across Pennsylvanian populations of *Plethodon cinereus*. \$500. Student Travel Grants, Society for the Study of Amphibians and Reptiles.
 2018 Loomis, J. Comparison of foot morphology in *Plethodon ventralis* and *Plethodon websteri* using geometric morphometrics. \$500. Student Travel Grants, Society for the Study of Amphibians and Reptiles.
 2018 McGlone, R. Territorial behavior in *Plethodon cinereus* (Red-backed Salamander) in seven populations from Pennsylvania. \$500. Student Travel Grants, Society for the Study of Amphibians and Reptiles.
 2017 Cardoza, M. Effect of silver nanoparticles on larval *Ambystoma mexicanum*. \$500. Student Travel Grants, Society for the Study of Amphibians and Reptiles.
 2016 Savage, D. Aggression in *Plethodon cinereus* in four Populations from Pennsylvania. \$500. Student Travel Grants, Society for the Study of Amphibians and Reptiles.

Honors Capstone Research Projects and Augmentations

- 2019 Rainey, H. N. Honors Capstone Research Project. Distinguishing morphological differences in the head shape of *Eurycea wilderae* (Blue Ridge Two-Lined Salamander).
- 2019 Fitzgerald, K. Honors Capstone Research Project. Head morphology variation across Pennsylvanian populations of *Plethodon cinereus*.
- 2018 McGlone, R. Honors Capstone Research Project. Territorial behavior in *Plethodon cinereus* (Red-backed Salamanders) in seven populations in Pennsylvania.
- 2017 Cardoza, M. Honors Capstone Research Project: Effect of silver nanoparticles on larval *Ambystoma mexicanum*
- 2017 Wesnak, S. Honors Capstone Research Project: Mating behaviors of *Eurycea wilderae*
- 2015 Wisler, T. Honors Augmentation: Turtles in Pennsylvania and Everywhere

Internship Advisor

- 2017 McGlone, R. Mosquitos: Pennsylvania Department of Environmental Protection.
- 2016 Whittemann, A. Wildlife Rehab and Education: Aark Wildlife Rehabilitation and Education Center.

Auburn University, AL[†]Undergraduate Research Projects and Honors Theses:

- Alcorn, M. (2008—2010) Undergraduate Honors Thesis: hypothesis development; field collection methods; geometric morphometrics; animal behavior; statistical analyses; manuscript preparation and submission; museum curation
- Floyd, C. (2008—2011) Undergraduate Research Project: hypothesis development; field collection methods; geometric morphometrics; statistical analyses; manuscript preparation; museum curation, management, and organization; quantitative color-assessment methods
- Lorass, M. (2008—2009) Undergraduate Honors Thesis: hypothesis development; field collection methods; geometric morphometrics; statistical analyses, museum curation

Undergraduate Research Credits:

- Bailey, G. (2009) Geometric morphometrics; museum curation, management, and organization
- Cortes, F. (2011) Museum curation, management, and organization
- Hair, D. (2010) Museum curation, management, and organization
- Hannaford, P. (2010) Geometric morphometrics; museum curation, management, and organization
- Kennon, L. (2009) Geometric morphometrics
- Matthews, E. (2010) Museum curation, management, and organization
- Morten, D. (2011) Museum curation, management, and organization
- Royster, E. (2012) Field collection methods; animal behavior
- Sneed, T. (2010) Museum curation, management, and organization
- Thrasher, S. (2009-2011) Geometric morphometrics; museum curation, management, and organization
- Tognoni, R. (2010) Museum curation, management, and organization
- Webb, D. B. (2010) Museum curation, management, and organization
- Welch, C. (2008-2009) Geometric morphometrics; museum management and organization

Iowa State University, Ames, IAScience with Practice Program:

Dion, S. (2012-2013) Experimental design and hypothesis testing; animal behavior; laboratory animal care

Undergraduate Research Credits:

Erickson, J. (2007) Field collection methods; animal behavior; laboratory animal care

Grants Received

Lock Haven University of Pennsylvania, PA

- 2019 **Human Resources Grant.** Stereomicroscope with Camera for Projection in the Classroom. \$1000 (AY 2018-2019).
- 2018 **Financial Support for Professional Presentation Grant.** Conference: Joint Meeting of Ichthyologists and Herpetologists. \$568 (AY 2018-2019).
- 2018 **Annual Campus Grant.** Correlation of Morphology and Ecological Variables in Red-backed Salamanders. \$1,500 (AY 2018-2019).
- 2018 **Small Campus Grant.** Effect of Silver Nanoparticles on Development of Bullfrog Tadpoles. \$500 (AY 2018-2019).
- 2017 **Small Campus Grant.** Spatial capture-recapture of Red-backed Salamanders and Red-spotted Newts. \$500 (AY 2017-2018)
- 2017 **Annual Campus Grant.** Use of Quantitative Spectrometry to study color in amphibians and reptiles. \$1,500 (AY 2017-2018).
- 2017 **Financial Support for Professional Presentation Grant.** Conference: Conference: Joint Meeting of Ichthyologists and Herpetologists. \$544 (AY 2017-2018).
- 2017 **Annual Campus Grant.** Spatial capture-recapture of Red-backed Salamanders and Red-spotted Newts. \$1,450 (AY 2016-2017).
- 2016 **Small Campus Grant.** Examining morphological differences in closely-related salamanders. \$500 (AY 2016-2017).
- 2016 **Annual Campus Grant.** Effects of red, invasive fire ants on territoriality of the Eastern Fence Lizard. \$1,500 (AY 2016-2017; Approved by not used).
- 2016 **Financial Support for Professional Presentation Grant.** Conference: Joint Meeting of Ichthyologists and Herpetologists. \$720 (AY 2016-2017).
- 2016 **Small Campus Grant.** Effect of silver nanoparticles on development of larval Axolotls. \$475 (AY 2015-2016).
- 2015 **Annual Campus Grant.** Mating behaviors of the Blue Ridge Two-lined Salamander. \$1,470 (AY 2015-2016).
- 2015 **Financial Support for Professional Presentation Grant.** Conference: Meeting of Society for the Study of Amphibians and Reptiles. \$585 (AY 2015-2016).
- 2015 **Annual Campus Grant.** Testing behavioral hypotheses in Herpetology (Biol 430) laboratory. \$1,492 (AY 2014-2015).
- 2014 **Small Campus Grant.** Population Variation of Red-backed Salamanders in Pennsylvania. \$500 (AY 2014-2015).

Auburn University, AL

- 2009 **Auburn University Faculty International Travel Grant Program.** Understanding Biodiversity in Ground Anoles in Costa Rica. Auburn University. \$2000.

Iowa State University, Ames, IA

- 2008 **Professional Advancement Grant.** \$300.
 2007 **Professional Advancement Grant.** \$300.
 2004 **Professional Advancement Grant.** \$300.

Fellowships Received**Iowa State University, Ames, IA**

- 2005 **George Knaphus Teaching Fellowship.** Ecology, Evolution and Organismal Biology. Iowa State University. (1 per year) \$4,500.
 2003 **USDA MGET Fellowship.** Bioinformatics and Computational Biology, Iowa State University. Stipend: \$43,000.
 2003 **Graduate College Fellowship.** Stipend: \$20,000.

Symposia Development

- Diversity, Equity and Inclusion in Ichthyology and Herpetology.** Joint Meeting of Ichthyologists and Herpetologists. Norfolk, VA. 2020.
 2019 Society for the Study of Amphibians and Reptiles. \$2,000. Approved.
 2019 Herpetologist's League. \$1,500. Approved.
 2019 American Society of Ichthyology and Herpetology. \$2,000 (proposal pending March, 2019).

Invited Seminars and Presentations

- 2017 **Deitloff, J.** To lump or split: Making recommendations for species delineation in Anoles. Invited seminar, Auburn University, Auburn, AL.
 2016 **Deitloff, J.** Examining long-held beliefs in squamate reproductive biology: Dewlaps, hemipenes and speciation. Invited seminar, John Carroll University, University Heights, OH.
 2016 **Deitloff, J.** Can quantitative morphological analyses delineate species boundaries? Invited seminar, Wells College, Aurora, NY.
 2015 **Deitloff, J.** Ecology and Sexual Selection of Amphibians and Reptiles. Invited presentation, Biology Club, Lock Haven University, PA.
 2009 **Deitloff, J.** Ecological Processes Responsible for Species Co-occurrence Patterns in Two Species of *Plethodon* Salamanders. Invited seminar, Auburn University, AL.

National and International Conference Presentations

(Oral presentation and presented by first author unless otherwise noted)

- 2019 **Deitloff, J.,** R. McGlone,* K. Fitzgerald,* D. Savage,* and L. Allen.* Correlations between behavior and morphology in *Plethodon cinereus* across Pennsylvania. Joint Meetings of Ichthyologists and Herpetologists. Snowbird, UT.
 2019 Eckman, C.,* A. Morder,* T. Evers,* and **J. Deitloff.** Assessment of the density, spatial distribution and movement patterns of *Plethodon cinereus* (Eastern Red-backed Salamander) using spatial capture-recapture. Joint Meetings of Ichthyologists and Herpetologists. Snowbird, UT. (Poster)

- 2019 Fitzgerald, K.,* and **J. Deitloff**. Head morphology variation across Pennsylvanian populations of *Plethodon cinereus*. Joint Meetings of Ichthyologists and Herpetologists. Snowbird, UT. (Poster)
- 2019 Rainey, H. N.,* T. W. Pierson,[‡] and **J. Deitloff**. Quantifying inter- and intrasexual head-shape polymorphism in *Eurycea* cf. *wilderiae* (Blue-Ridge Two-Lined Salamander). Joint Meetings of Ichthyologists and Herpetologists. Snowbird, UT.
- 2018 **Deitloff, J.**, H. N. Rainey,* S. P. Wesnak,* J. Fettermann,* and T. Pierson.[‡] Intraspecific variation in mate-guarding behavior is correlated with morphology in males of *Eurycea wilderae*. Joint Meetings of Ichthyologists and Herpetologists. Rochester, NY.
- 2018 Evers, T.,* and **J. Deitloff**. Assessment of density, spatial distribution, and movement patterns of *Plethodon cinereus* (Eastern Red-backed Salamander) using spatial capture-recapture. Joint Meetings of Ichthyologists and Herpetologists. Rochester, NY.
- 2018 Loomis, J.,* and **J. Deitloff**. Comparison of foot morphology in *Plethodon ventralis* and *Plethodon websteri* using geometric morphometrics. Joint Meetings of Ichthyologists and Herpetologists. Rochester, NY. (Poster)
- 2018 McGlone, R.,* D. Savage,* and **J. Deitloff**. Territorial behavior in *Plethodon cinereus* (Red-backed Salamander) in seven populations from Pennsylvania. Joint Meetings of Ichthyologists and Herpetologists. Rochester, NY. (Poster)
- 2018 Miller, E.,* and **J. Deitloff**. Comparing population and sex differences in head shape for two populations of *Plethodon cinereus* (Red-backed Salamanders) in Pennsylvania. Joint Meetings of Ichthyologists and Herpetologists. Rochester, NY. (Poster) Presented by **J. Deitloff**.
- 2018 Rainey, H.N.,* T. Pierson,[‡] **J. Deitloff**. Distinguishing morphological differences in the head shape of male *Eurycea wilderae* (Blue-Ridge Two-Lined Salamander). Joint Meetings of Ichthyologists and Herpetologists. Rochester, NY. (Poster)
- 2017 Allen, L.,* and **J. Deitloff**. Comparing population and sex differences in head shape for four populations of *Plethodon cinereus* in Pennsylvania. Joint Meetings of Ichthyologists and Herpetologists. Austin, TX. (Poster) Presented by **J. Deitloff**.
- 2017 Cardoza, M.,* S. Hughes,* and **J. Deitloff**. Effect of silver nanoparticles on tadpoles of *Xenopus laevis*. Joint Meetings of Ichthyologists and Herpetologists. Austin, TX. (Poster)
- 2017 Cardoza, M.,* M. Wines, and **J. Deitloff**. Effect of silver nanoparticles on larval *Ambystoma mexicanum*. Joint Meetings of Ichthyologists and Herpetologists. Austin, TX.
- 2017 **Deitloff, J.**, E. Myers, S. Spear, D. Stevenson, and C. Guyer. Multiple paternity and heritability of color in *Drymarchon couperi* (Eastern Indigo Snake). Joint Meetings of Ichthyologists and Herpetologists. Austin, TX.
- 2017 Ganzfried, M.,[‡] C. Anthony, C. Hickerson, and J. Deitloff. Comparison of cranial morphology in a color polymorphic salamander. Joint Meetings of Ichthyologists and Herpetologists. Austin, TX. (Poster)
- 2017 Hughes, S.,* and **J. Deitloff**. Territoriality in *Plethodon cinereus* among three populations from Pennsylvania. Joint Meetings of Ichthyologists and Herpetologists. Austin, TX. (Poster)
- 2017 Wesnak, S.,* T. Pierson,[‡] and **J. Deitloff**. Mating behaviors of *Eurycea wilderae*. Joint Meetings of Ichthyologists and Herpetologists. Austin, TX. (Poster)
- 2017 Cardoza, M.,* and **J. Deitloff**. Effects of silver nanoparticles on development of larval *Ambystoma mexicanum*. Annual Meeting for the Society of Toxicology. Baltimore, MD. (Poster).

- 2016 Allen, L.,* and **J. Deitloff**. Comparing population and sex differences in head shape for two populations of *Plethodon cinereus* in central Pennsylvania. Joint Meetings of Ichthyologists and Herpetologists. New Orleans, LA. (Poster) Presented by **J. Deitloff**.
- 2016 **Deitloff, J.**, J. Fetterman,* and T. Pierson.† Variation in mating tactics of *Eurycea wilderae*: Does morphology correlate with mating strategy used by males? Joint Meetings of Ichthyologists and Herpetologists. New Orleans, LA.
- 2016 Savage, D.,* J. Fetterman,* J. Elchynski,* and **J. Deitloff**. Aggression in *Plethodon cinereus* in four Populations from Pennsylvania. Joint Meetings of Ichthyologists and Herpetologists. New Orleans, LA. (Poster)
- 2015 **Deitloff, J.**, J. Phillips, K. Nicholson, C. Guyer. Can quantitative analyses of morphology help us define species differences among closely-related lineages of *Norops humilis* and *N. quaggulus*? Annual Meeting of the Society for the Study of Amphibians and Reptiles. Lawrence, KS.
- 2015 Savage, D.,* J. Phillips, K. Nicholson, C. Guyer, and **J. Deitloff**. Morphological differentiation in *Norops humilis* lineages of Costa Rica. Annual Meeting of the Society for the Study of Amphibians and Reptiles. Lawrence, KS. (Poster) Presented by **J. Deitloff**.
- 2014 Hibbard, B., **J. Deitloff**, L. Meihls, and A. Gassmann. Refuge techniques for low-dose rootworm transgenic events: A futile exercise? Entomological Society of America Annual Meeting. Portland, OR.
- 2014 **Deitloff, J.**, S. Graham, C. Floyd†, and J. Wooten. Head morphology and food use in two species of cryptic and co-occurring *Plethodon* salamanders. Conference on Biology of Plethodontid Salamanders. Tulsa, OK.
- 2013 **Deitloff, J.**, S. Graham, and C. Floyd†. Head morphology and food use in two species of cryptic and co-occurring *Plethodon* salamanders. Joint Meetings of Ichthyologists and Herpetologists. Albuquerque, NM.
- 2012 **Deitloff, J.**, S. Graham, and M. Alcorn†. Courtship and Mate Guarding Behavior in *Eurycea aquatica* and *Eurycea cirrigera*. World Congress of Herpetology. Vancouver, BC, Canada.
- 2011 **Deitloff, J.**, C. Guyer, K. Nicholson, J. Phillips. Hemipenes vs. dewlaps: which morphological characters can be used to delineate species in anoles? Joint Meetings of Ichthyologists and Herpetologists. Minneapolis, MN.
- 2010 **Deitloff, J.**, and V. Johnson. Color variation between clutches and sexes in *Drymarchon couperi*. Joint Meetings of Ichthyologists and Herpetologists. Providence, RI.
- 2009 **Deitloff, J.**, J. Steffen, and C. Guyer. Understanding biodiversity of ground anoles in Costa Rica. Anole Symposium. Boston, MA.
- 2009 Alcorn, M.†, **J. Deitloff**, and S. Graham. Geometric morphometrics' role in phylogenetic classification and sexual dimorphism dynamics of *Eurycea aquatica* and *E. cirrigera*. Joint Meetings of Ichthyologists and Herpetologists. Portland, OR.
- 2009 **Deitloff, J.**, J. Steffen, and C. Guyer. Understanding biodiversity of ground anoles in Costa Rica. Joint Meetings of Ichthyologists and Herpetologists. Portland, OR.
- 2008 **Deitloff, J.** Evidence of competition in a *Plethodon* community: Divergence, convergence, and competitive exclusion. Ecological Society of America Annual Meeting. Milwaukee, WI.
- 2007 **Deitloff, J.**, and D. C. Adams. Competition in a Salamander Community: Can sympatric *Plethodon* hold their own? Conference on the Biology of Plethodontid Salamanders. Chiapas, Mexico.

- 2007 **Deitloff, J.** A natural disturbance accelerates the process of community sorting in Ohio *Plethodon* salamanders. Conference on the Biology of Plethodontid Salamanders. Chiapas, Mexico. (Poster)
- 2007 **Deitloff, J.** Competition in a salamander community: Can *Plethodon electromorphus* hold their own? Joint Meeting of Ichthyologists and Herpetologists. St. Louis, Missouri.
- 2004 **Deitloff, J.**, and D. C. Adams. Morphological variation in populations of *Plethodon cinereus* and *P. electromorphus*. Joint Meetings of Ichthyologists and Herpetologists. Norman, OK. (Poster)

* Indicates undergraduate student authors from Lock Haven University

† Indicates undergraduate student authors from other universities

‡ Indicates graduate student authors from other universities

Local and Regional Conference Presentations

(Oral presentation and presented by first author unless otherwise noted)

- 2019 Fitzgerald, K.,* and **J. Deitloff**. Head morphology variation across Pennsylvanian populations of *Plethodon cinereus*. Celebration of Scholarship, Lock Haven University of Pennsylvania. (Poster)
- 2019 Rainey, H.N.,* T.W. Pierson,‡ and **J. Deitloff**. 2019. Distinguishing morphological differences in the head shape of *Eurycea wilderae* (Blue Ridge Two-Lined Salamander). Phi-Kappa Phi Spring Student Symposium, Celebration of Scholarship, Lock Haven University of Pennsylvania. Awarded Best (1st) platform (oral) presentation.
- 2019 Rainey, H.N.,* T.W. Pierson,‡ and **J. Deitloff**. 2019. Distinguishing morphological differences in the head shape of *Eurycea wilderae* (Blue Ridge Two-Lined Salamander). Annual Meeting for the Commonwealth of Pennsylvania University Biologists. Bloomsburg, PA. Awarded best platform (oral) presentation by an undergraduate student in Ecology and Organismal Category.
- 2019 Pierson, T. W.,‡ **J. Deitloff**, S. K. Sessions, K. H. Kozak, and B. M. Fitzpatrick. Morphological polymorphism associated with alternative reproductive tactics in a plethodontid salamander. Great Smoky Mountains Science Colloquium, Gatlinburg, TN.
- 2018 Evers, T.,* and **J. Deitloff**. Assessment of density, spatial distribution, and movement patterns of *Plethodon cinereus* (Eastern Red-backed Salamander) using spatial capture-recapture. Celebration of Scholarship, Lock Haven University of Pennsylvania. (Poster)
- 2018 Loomis, J.,* and **J. Deitloff**. Comparison of foot morphology in *Plethodon ventralis* and *Plethodon websteri* using geometric morphometrics. Celebration of Scholarship, Lock Haven University of Pennsylvania. (Poster)
- 2018 McGlone, R.,* D. Savage,* and **J. Deitloff**. Territorial behavior in *Plethodon cinereus* (Red-backed Salamander) in seven populations from Pennsylvania. Celebration of Scholarship, Lock Haven University of Pennsylvania. (Poster)
- 2018 Miller, E.,* and **J. Deitloff**. Comparing population and sex differences in head shape for two populations of *Plethodon cinereus* (Red-backed Salamanders) in Pennsylvania. Celebration of Scholarship, Lock Haven University of Pennsylvania. (Poster)
- 2018 Evers, T.,* and **J. Deitloff**. Assessment of density, spatial distribution, and movement patterns of *Plethodon cinereus* (Eastern Red-backed Salamander) using spatial capture-recapture. Annual Meeting for the Commonwealth of Pennsylvania University Biologists. Mansfield, PA. (Poster)

- 2018 Loomis, J.,* and **J. Deitloff**. Comparison of foot morphology in *Plethodon ventralis* and *Plethodon websteri* using geometric morphometrics. Annual Meeting for the Commonwealth of Pennsylvania University Biologists. Mansfield, PA. (Poster)
- 2018 McGlone, R.,* D. Savage,* and **J. Deitloff**. Territorial behavior in *Plethodon cinereus* (Red-backed Salamander) in seven populations from Pennsylvania. Annual Meeting for the Commonwealth of Pennsylvania University Biologists. Mansfield, PA. (Poster)
- 2018 Miller, E.,* and **J. Deitloff**. Comparing population and sex differences in head shape for two populations of *Plethodon cinereus* (Red-backed Salamanders) in Pennsylvania. Annual Meeting for the Commonwealth of Pennsylvania University Biologists. Mansfield, PA. (Poster)
- 2018 Pierson, T.,[‡] S. Sessions, S. Wesnak,* J. Fetterman,* K. Young,* and **J. Deitloff**. The 'Morph A' problem: alternative reproductive tactics in *Eurycea*. Southeastern Partners in Amphibian and Reptile Conservation, Helen, GA, February.
- 2017 Pierson, T.,[‡] S. Wesnak,* J. Fetterman,* K. Young,* and **J. Deitloff**. The 'Morph A' problem: alternative reproductive strategies in *Eurycea*. Annual Meeting for the Tennessee Herpetological Society. Martin, TN, September.
- 2017 Allen, L.,* and **J. Deitloff**. Comparing population and sex differences in head shape for four populations of *Plethodon cinereus* in Pennsylvania. Celebration of Scholarship, Lock Haven University of Pennsylvania. (Poster)
- 2017 Cardoza, M.,* S. Hughes,* and **J. Deitloff**. Effect of silver nanoparticles on tadpoles of *Xenopus laevis*. Celebration of Scholarship, Lock Haven University of Pennsylvania. (Poster)
- 2017 Cardoza, M.,* M. Wines, and **J. Deitloff**. Effect of silver nanoparticles on larval *Ambystoma mexicanum*. Phi-Kappa Phi Spring Student Symposium, Celebration of Scholarship, Lock Haven University of Pennsylvania. Awarded 2nd best platform (oral) presentation.
- 2017 Wesnak, S.,* T. Pierson,[‡] and **J. Deitloff**. Mating behaviors of *Eurycea wilderae*. Celebration of Scholarship, Lock Haven University of Pennsylvania. (Poster)
- 2017 Allen, L.,* and **J. Deitloff**. Comparing population and sex differences in head shape for four populations of *Plethodon cinereus* in Pennsylvania. Annual Meeting for the Commonwealth of Pennsylvania University Biologists. Kutztown, PA. (Poster)
- 2017 Cardoza, M.,* M. Wines, and **J. Deitloff**. Effect of silver nanoparticles on larval *Ambystoma mexicanum*. Annual Meeting for the Commonwealth of Pennsylvania University Biologists. Kutztown, PA. Awarded best platform (oral) presentation by an undergraduate student in Ecology and Evolutionary Biology Category
- 2017 Wesnak, S.,* T. Pierson,[‡] and **J. Deitloff**. Mating behaviors of *Eurycea wilderae*. Annual Meeting for the Commonwealth of Pennsylvania University Biologists. Kutztown, PA. (Poster)
- 2016 Allen, L.,* and **J. Deitloff**. Comparing population and sex differences in head shape for two populations of *Plethodon cinereus* in central Pennsylvania. Celebration of Scholarship, Lock Haven University of Pennsylvania. (Poster)
- 2016 Teleguz, V.,* and **J. Deitloff**. Geometric morphometric analyses of head shape in Costa Rican anoles: *Norops marsupialis*, *N. humilis*, *N. quaggulus*. Celebration of Scholarship, Lock Haven University of Pennsylvania. (Poster)
- 2016 Cardoza, M.,* and **J. Deitloff**. Effects of silver nanoparticles on development of larval Axolotls. Celebration of Scholarship, Lock Haven University of Pennsylvania. (Poster)

- 2016 Fetterman, J.,* J. Elchynski,* and **J. Deitloff**. Aggression in *Plethodon cinereus* in two populations from central Pennsylvania. Celebration of Scholarship, Lock Haven University of Pennsylvania. (Poster)
- 2016 Allen, L.,* and **J. Deitloff**. Comparing population and sex differences in head shape for two populations of *Plethodon cinereus* in central Pennsylvania. Annual Meeting for the Commonwealth of Pennsylvania University Biologists. Millersville, PA. (Poster)
- 2016 Teleguz, V.,* and **J. Deitloff**. Geometric morphometric analyses of head shape in Costa Rican anoles: *Norops marsupialis*, *N. humilis*, *N. quaggulus*. Annual Meeting for the Commonwealth of Pennsylvania University Biologists. Millersville, PA. (Poster)
- 2015 Savage, D.,* J. Whitmer,* and **J. Deitloff**. Morphologic differentiation of *Norops* species in Costa Rica. Celebration of Scholarship, Lock Haven University of Pennsylvania. (Poster)
- 2015 Savage, D.,* J. Whitmer,* and **J. Deitloff**. Morphologic differentiation of *Norops* species in Costa Rica. Annual Meeting for the Commonwealth of Pennsylvania University Biologists. Indiana, PA. (Poster)
- 2014 Hibbard, B., **J. Deitloff**, L. Meihls, and A. Gassmann. Laboratory selection of resistance to Cry3Bb1, mCry3a, eCry3.1Ab, and Cry34/35Ab1 transgenic corn and an experimental evaluation of refuge techniques. North Central Branch Meeting of the Entomological Society of America. Des Moines, IA.
- 2010 **Deitloff, J.**, and V. Johnson. Color variation between clutches and sexes in *Drymarchon couperi*. Alabama Partners in Reptile and Amphibian Conservation. Andalusia, AL.
- 2009 Alcorn, M.†, **J. Deitloff**, and S. Graham. Sexual dimorphism in *Eurycea aquatica* and *E. cirrigera*. Alabama Partners in Reptile and Amphibian Conservation. Andalusia, AL. Presented by **J. Deitloff**.
- 2009 Loraas, M.†, **J. Deitloff**, and C. Guyer. Morphological variation distinguishing *Plethodon websteri* and *P. ventralis*. Auburn University, Undergraduate Honors Program Symposium for Undergraduate Research. Auburn, AL. (Poster)
- 2009 Alcorn, M.†, **J. Deitloff**, and S. Graham. Geometric morphometrics' role in phylogenetic classification and sexual dimorphism dynamics of *Eurycea aquatica* and *E. cirrigera*. Association for Southeastern Biologists. Birmingham, AL.
- 2002 **Deitloff, J.**, and J. D. Krenz. Weather and changes in population size in *Peromyscus leucopus* and *Microtus pennsylvanicus*: a twenty year study. Undergraduate Research Conference, Minnesota State University. Mankato, MN.

* Indicates undergraduate student authors from Lock Haven University

† Indicates undergraduate student authors from other universities

‡ Indicates graduate student authors from other universities

Awards

2019 **Best Platform (oral) Presentation** for:

Rainey, H.N.,* T.W. Pierson,‡ and **J. Deitloff**. Distinguishing morphological differences in the head shape of *Eurycea wilderae* (Blue Ridge Two-Lined Salamander). Phi-Kappa Phi Spring Student Symposium. Presented by and awarded to H.N. Rainey.

2019 **Best Platform (oral) Presentation** for:

Rainey, H.N.,* T.W. Pierson,‡ and **J. Deitloff**. 2019. Distinguishing morphological differences in the head shape of *Eurycea wilderae* (Blue Ridge Two-Lined Salamander). Annual Meeting for the Commonwealth of Pennsylvania University Biologists. Bloomsburg, PA. Presented by and awarded to H.N. Rainey.

2017 Platform (oral) Presentation, 2nd place for:

Cardoza, M.,* M. Wines, and **J. Deitloff**. Effect of silver nanoparticles on larval *Ambystoma mexicanum*. Phi-Kappa Phi Spring Student Symposium. Presented by and awarded to M. Cardoza.

2017 Best Platform (oral) Presentation for:

Cardoza, M.,* M. Wines, and **J. Deitloff**. Effect of silver nanoparticles on larval *Ambystoma mexicanum*. Annual Meeting for the Commonwealth of Pennsylvania University Biologists. Kutztown, PA. Presented by and awarded to M. Cardoza.

Society Membership

American Society of Ichthyologists and Herpetologists
 Association for Southeastern Biologists
 Commonwealth of Pennsylvania University Biologists
 Ecological Society of America
 Herpetologists' League
 Society for the Study of Amphibians and Reptiles
 Sigma Xi

Professional Service (Select)Lock Haven University of Pennsylvania, Service to PASSHE:

Spring 2018 Judge for Undergraduate Poster Presentations, Commonwealth of Pennsylvania University Biologists, Annual Meeting.
 Spring 2017 Judge for Undergraduate Poster Presentations, Commonwealth of Pennsylvania University Biologists, Annual Meeting.
 Spring 2016 Judge for Undergraduate Poster Presentations, Commonwealth of Pennsylvania University Biologists, Annual Meeting.
 Spring 2015 Judge for Undergraduate Platform Presentations, Commonwealth of Pennsylvania University Biologists, Annual Meeting.

Lock Haven University of Pennsylvania, Service to University:

2017-2018 Chair, Fall Science Convocation Committee
 2016 Volunteer, Summer Orientation Program (June 29th)
 2016 Volunteer Instructor, Yoga class for Undergraduate students, Fairview Suites (Spring 2016) and Smith Hall (Fall 2016)
 2015-2019 Chair, Safe Zone Committee, President's Commission on LGBTQ Issues
 2015-present Member, Safe Zone Committee for President's Commission on LGBTQ Issues
 2015-2016 Volunteer, University Open House Program (March 28th, 2015; November 14th, 2015; April 9th, 2016; October 29th, 2016)
 2015 Volunteer Instructor, Yoga classes for Upward Bound Program
 2014-present Member of the Advisory Board, HOPE Center
 2014-present Member, President's Commission on LGBTQ Issues
 2014-present Member, Fall Science Convocation Committee

Lock Haven University of Pennsylvania, APSCUF Elected Committees

2018-2019	Chair, Faculty Professional Development Committee
2018-2020	Member, University (Faculty) Awards Committee
2016-2020	Member, Faculty Professional Development Committee
2016-2017	Secretary, Faculty Professional Development Committee
2016-2017	Chair, University (Faculty) Awards Committee
2015-2017	Member, APSCUF Nominations and Elections Committee
2015-2017	Member, University (Faculty) Awards Committee

Lock Haven University of Pennsylvania, APSCUF Appointed Committees

2017-2019	Member, Health and Welfare/Special Services Committee
2017-2019	Member, Social Justice Committee
2017-2019	Member, Writing Committee

Lock Haven University of Pennsylvania, APSCUF other

Fa 2016, Fa 2017	Volunteer, APSCUF table for New Student Welcome, Move-in Weekend
Fa 2016	Volunteer, APSCUF Strike-Authorization Voting Table
Fa 2014, Fa 2015, Fa 2018	Volunteer, APSCUF Voter Registration Drive

Lock Haven University of Pennsylvania, Service to Department of Biological Sciences:

2018-2019	Co-Chair, Search Committee for Full-Time Tenure-Track faculty, F0597 (AY 2019-2020)
2018-present	Chair, Social Media Committee for Biology
2017-2018	Member, Search Committee for Full-time Tenure-Track faculty, F0522 (For AY 2018-2019)
2017-2018	Member, Search Committee for Part-time Temporary faculty – 3 positions, F0523, F066, F067 (For AY 2018-2019)
2016-2017	Chair, Search Committee for Full-time Tenure-Track faculty, F0458-10 (For AY 2017-2018)
2016	Chair, Search Committee for Full-time Temporary faculty, F0375-10 (For AY 2016-2017)
2015-2017	Secretary, Department of Biology
2015	Chair, Search Committee for Part-time Temporary faculty, F0332-10 (For AY 2015-2016)
2015	Chair, Search Committee for Full-time Temporary faculty, F0313-10 (For AY 2015-2016)
2014-present	Chair, Website Improvement Committee for Biology
2014	Volunteer, Departmental Representative at Annual Major/Minors Fair
2014	Reviewer, Microbiology Poster Project

Professional Society Service

2019-present	Chair, Graduate Student Writing Mentorship Subcommittee, Society for the Study of Amphibians and Reptiles
2019	Safety Officer, Appointed by Society for the Study of Amphibians and Reptiles to act on committee to receive and resolve reports/issues related

- to Code of Conduct for Joint Meeting of Ichthyologists and Herpetologists.
- 2019 Judge for Seibert Ecology Student Platform Presentation Awards, Society for the Study of Amphibians and Reptiles.
- 2019 Session Moderator, Seibert Conservation, Society for the Study of Amphibians and Reptiles.
- 2018-present Member, Board of Directors, Society for the Study of Amphibians and Reptiles.
- 2018-present Member, Diversity and Inclusion Committee. Herpetologist's League
- 2018 Session Moderator, General Herpetology II. Society for the Study of Amphibians and Reptiles, Joint Meetings of Ichthyologists and Herpetologists.
- 2017-present Member, Education and Human Resources Committee, American Society for Ichthyology and Herpetology.
- 2017-present Member, Animal Care and Use Committee, American Society for Ichthyology and Herpetology.
- 2016 Session Moderator, SSAR Seibert Physiology & Morphology. Society for the Study of Amphibians and Reptiles, Joint Meetings of Ichthyologists and Herpetologists.
- 2015 Session Moderator, Ecology. Society for the Study of Amphibians and Reptiles, Annual Meeting.
- 2015 Judge for Victor Hutchison Student Poster Awards, Society for the Study of Amphibians and Reptiles, Annual Meeting.
- 2012 Session Moderator, Amphibian Mating Behavior. Herpetologists' League, World Congress of Herpetology.
- 2012 Judge for Student Award for best oral presentation: Genetics, development, morphology section. Association of Ichthyologists and Herpetologists, World Congress of Herpetology.
- 2010 Session Moderator, Herp Morphology. Joint Meetings of Ichthyologists and Herpetologists.
- 2010 Proposal Judge for EE Williams Graduate Student Award. Herpetologists' League, Joint Meetings of Ichthyologists and Herpetologists.
- 2009 Chair of Ethology and Ecology Student Award Committee. Association of Ichthyologists and Herpetologists Student Award, Joint Meetings of Ichthyologists and Herpetologists.
- 2009 Poster Judge for Association of Southeastern Biologists, Annual Meeting.

Community Service, Clinton County and nearby areas, PA:

- 2017-present Secretary, Clinton County Arts Council
- 2017, 2018 Presenter and Co-organizer: Nanotechnology-Biology Open House for Central Mountain Students and Teachers (grades 9-12)
- 2016 Presenter: Vertebrate Locomotion, Midlakes Middle School visit to Lock Haven University
- 2016 Panelist, Schreyer Institute's Conference for Graduate Students and Postdocs, Pennsylvania State University
- 2016 Committee Member, LH Jams Festival Organizing Committee

2016	LHU Fine Arts Society Outreach Activity, Harvest Days Fund Raiser for Clinton County Arts Council
2015-present	Board Member, Clinton County Arts Council
2015, 2016	LHU Biology Club Outreach Activity, Harvest Days Fund Raiser for Clinton County Arts Council
2015-2016	Creator and Organizer, Creative Writing at The Station Gallery
2015-2016	Co-Secretary, Clinton County Arts Council
2015	Participant, Creative Arts Engine
2014-present	Volunteer and Member, The Station Gallery
2014	Presenter: Vertebrate Movement, Midlakes Middle School visit to Lock Haven University

Iowa State University, Department of Ecology, Evolution and Organismal Biology

2007-2008	Graduate Student Representative, Ecology and Evolutionary Biology, Supervisory Committee.
2006-2007	President, Graduate Research in Evolutionary Biology and Ecology.
2005-2006	Secretary, Graduate Research in Evolutionary Biology and Ecology.
2005-2006	Graduate Student Representative, Honors and Awards Committee.

Invited Reviewer of Manuscripts (26 reviewed total)

American Midland Naturalist, Amphibia-Reptilia, Animal Behavior, Animal Biology, Biological Journal of the Linnean Society, Canadian Journal of Zoology, Ethology, EEE (Ethology, Ecology, and Evolution), Herpetologica, Herpetological Review, Journal of Herpetology, Journal of the Pennsylvania Academy of Science, Journal of Tennessee Academy of Science, Southwestern Naturalist, Systematic Biology

Community Service, other

2011	Comparative Vertebrate Physiology presentation for "I Have a Dream Foundation" at Callahan Middle School, Des Moines, IA
2010-2011	Tour and presentation of Auburn University Natural History Museum of Herpetology for Conservation Biology at Auburn University
2010-2011	Tour and presentation of Auburn University Natural History Museum of Herpetology for Freshman Biology Learning Community at Auburn University
2010	Herpetology presentation for WF Burns Middle School, Valley, AL