

# AMBER L. PITT, Ph.D.

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## ***Education***

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- 2008 Doctor of Philosophy – Interdisciplinary Ecology, University of Florida, Gainesville, FL  
Concentration: Wildlife Ecology and Conservation
- 2005 Master of Science – Interdisciplinary Ecology, University of Florida, Gainesville, FL  
Concentration: Wildlife Ecology and Conservation
- 1997 Bachelor of Arts – Zoology, University of Vermont, Burlington, VT  
Minor: Studio Arts

## ***Professional Positions Held***

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- 2022-Pres. Associate Professor, Environmental Science Program and Department of Biology, Trinity College, Hartford, CT
- 2016-2022 Assistant Professor, Environmental Science Program and Department of Biology, Trinity College, Hartford, CT
- 2014-2022 Adjunct Assistant Professor, School of Agricultural, Forest, & Environmental Sciences, Clemson University, Clemson, SC
- 2013-2016 Assistant Professor, Department of Biological & Allied Health Sciences, Bloomsburg University, Bloomsburg, PA
- 2009-2013 Postdoctoral Research Fellow and Wetlands Project Manager, School of Agricultural, Forest, and Environmental Sciences, Clemson University, Clemson, SC
- 2003-2009 Research Technician, Department of Herpetology, Florida Museum of Natural History, University of Florida, Gainesville, FL
- 2001-2003 Research Technician, Rubenstein Ecosystem Science Laboratory, University of Vermont, Burlington, VT

## ***Peer-reviewed Publications & Edited Volumes*** (Underlined = undergraduate student; \* = graduate student)

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40. D'Antonio, B.E., K. Ehlert, and **A.L. Pitt**. In press. The effects of Japanese barberry on the abundance of blacklegged ticks and white-footed mice. *BIOS*.
39. Tate, E.G., **A.L. Pitt**, M.D. Little, J.J. Tavano, and M.A. Nickerson. 2022. Factors contributing to the range expansion and population increase of a native generalist species. *Amphibia-Reptilia*. DOI: 10.1163/15685381-bja10098
38. Hartzell, S.M.\*, **A.L. Pitt**, and S.M. Davis. 2022. Invasive rusty crayfish (*Faxonius rusticus*) can serve as prey of eastern hellbenders (*Cryptobranchus alleganiensis alleganiensis*). *Herpetological Conservation and Biology* 17(1):22-30.
37. Hartzell, S.M.\*, **A.L. Pitt**, and S. Davis. 2022. Invasive rusty crayfish (*Faxonius rusticus*) are diurnally more exposed than an imperiled native congener. *Journal of the Pennsylvania Academy of Science* 95(1):17-27. DOI: 10.5325/jpennacadscie.95.1.0017
36. **Pitt, A.L.**, J.J. Tavano, E.G. Tate, M.D. Little, and M.A. Nickerson. 2021. Short-term impacts of a record-shattering flood and dam removal on a river turtle assemblage and population placed within the

context of a 50 year study. *Acta Oecologica* 110:103699. DOI: 10.1016/j.actao.2020.103699  
 †Early view published 12 January 2021.

35. Elmore, J.A., S.B. Hager, B.J. Cosentino, T.J. O'Connell, C.S. Riding, M.L. Anderson, M. Bakermans, T.J. Boves, D. Brandes, E.M. Butler, M.W. Butler, N.L. Cagle, R. Calderón-Parra, A.P. Capparella, A. Chen, A.A.T. Conkey, T.A. Contreras, R.I. Cooper, C.E. Corbin, R.L. Curry, J.J. Dosch, K.L. Dyson, E. Fraser, R. Furbush, N.D.G. Hagemeyer, K.N Hopfensperger, D. Klem, Jr., E.A. Lago, A.S. Lahey, C.S. Machtans, J.M. Madosky, T.J. Maness, K.J. McKay, S.B. Menke, N. Ocampo-Peñuela, R. Ortega-Álvarez, **A.L. Pitt**, A.L. Puga-Caballero, J.E. Quinn, A.M. Roth, R.T. Schmitz, J.L. Schnurr, M.E. Simmons, A.D. Smith, C.W. Varian-Ramos, E.L. Walters, L.A. Walters, J.T. Weir, K. Winnett-Murray, I. Zuria, J. Vigliotti, and S.R. Loss. 2021. Correlates of bird collisions with buildings across three North American countries. *Conservation Biology* 35(2):654-665. DOI: 10.1111/cobi.13569 †Early view published 15 June 2020.
34. **Pitt, A.L.**, J.J. Tavano, and A. Spencer. 2020. *Terrapene carolina triunguis* (three-toed box turtle). Stream habitat use. *Herpetological Review* 51(4):839-840.
33. Tornwall, B.M., **A.L. Pitt**, B.L. Brown, J. Hawley-Howard\*, and R.F. Baldwin. 2020. Diversity patterns associated with varying dispersal capabilities as a function of spatial and environmental variables in small and ephemeral wetlands. *Forests* 11:1146. DOI: 10.3390/f11111146
32. **Pitt, A.L.**, J.H. Howard\*, R.F. Baldwin, E.D. Baldwin, and B.L. Brown. 2018. Small parks as local social-ecological systems contributing to conservation of small isolated and ephemeral wetlands. *Natural Areas Journal* 38(4):237-249.
31. Hartzell, S.M.\*, **A.L. Pitt**, and S. Davis. 2017. Observations of yawning behaviour in the eastern hellbender (*Cryptobranchus alleganiensis alleganiensis*). *Herpetological Bulletin* 142:46-47.
30. Hager, S.B., B.J. Cosentino, M.A. Aguilar-Gómez, M.L. Anderson, M. Bakermans, T.J. Boves, D. Brandes, M.W. Butler, E.M. Butler, N.L. Cagle, R. Calderón-Parra, A.P. Capparella, A. Chen, K. Cipollini, A.A.T. Conkey, T.A. Contreras, R.I. Cooper, C.E. Corbin, R.L. Curry, J.J. Dosch, **M.G. Drew**, K. Dyson, C. Foster, C.D. Francis, E. Fraser, R. Furbush, N.D.G. Hagemeyer, K.N Hopfensperger, D. Klem, Jr., E. Lago, A. Lahey, K. Lamp, G. Lewis, S.R. Loss, C.S. Machtans, J. Madosky, T.J. Maness, K.J. McKay, S.B. Menke, K.E. Muma, N. Ocampo-Peñuela, T.J. O'Connell, R. Ortega-Álvarez, **A.L. Pitt**, A.L. Puga-Caballero, J.E. Quinn, C.W. Varian-Ramos, C.S. Riding, A.M. Roth, P.G. Saenger, R.T. Schmitz, J. Schnurr, M. Simmons, A.D. Smith, D.R. Sokolowski, J. Vigliotti, E.L. Walters, L.A. Walters, J.T. Weir, K. Winnett-Murray, J.C. Withey, and I. Zuria. 2017. Continent-wide analysis of how urbanization affects bird-window collision mortality in North America. *Biological Conservation* 212:209-215. †**Selected as an Editor's Choice featured article**
29. **Pitt, A.L.**, J.L. Shinskie\*, J.J. Tavano, S.M. Hartzell\*, T. Delahunty, and S.F. Spear. 2017. Decline of a giant salamander assessed with historical records, environmental DNA, and multi-scale habitat data. *Freshwater Biology* 62(6):967-976. DOI: 10.1111/fwb.12917.
28. **Pitt, A.L.**, J.J. Tavano, R.F. Baldwin, and B.S. Stegenga\*. 2017. Movement ecology and habitat use of three sympatric anuran species. *Herpetological Conservation and Biology* 12(1):212-224. †**Featured as exemplary use of a model selection approach for assessing wildlife habitat & results table was reprinted in p. 125-126 of Morrison, M.L., L.A. Brennan, B.G. Marcot, W.M. Block, and K.S. McKelvey. 2021. Applications for Advancing Animal Ecology. Johns Hopkins University Press. 264 p.**
27. Hartzell, S.M.\*, **A.L. Pitt**, S. Davis, **C.R. Pavlick**, and J.J. Tavano. 2017. *Cryptobranchus alleganiensis alleganiensis* (eastern hellbender). Temporal and spatial niche partitioning. *Herpetological Review* 48(1):84-85.
26. Nickerson, M.A., **A.L. Pitt**, J.J. Tavano, K.A. Hecht\*, and J.C. Mitchell. 2017. Forest removal and the cascade of effects corresponding with an Ozark hellbender population decline. *Bulletin of the Florida Museum of Natural History* 54(10):147-164.

25. Tucker Serniak, L.F.\*, C.E. Corbin, **A.L. Pitt**, and S.T. Rier. 2017. The effects of Japanese knotweed on avian diversity and function in riparian habitats. *Journal of Ornithology* 158(1):311-321. DOI: 10.1007/s10336-016-1387-6. (on-line first 2016)
24. **Pitt, A.L.**, J.J. Tavano, and M.A. Nickerson. 2016. *Cryptobranchus alleganiensis bishopi* (Ozark hellbender): Larval habitat and retreat behaviour. *Herpetological Bulletin* 138:36-37.
23. Pavlick, C.R., S.M. Hartzell\*, **A.L. Pitt**, and S. Davis. 2016. *Anaxyrus fowleri* (Fowler's toad). USA: Pennsylvania: Clinton Co. *Herpetological Review* 47(4):622.
22. Chow, A.T., **A.L. Pitt**, R.F. Baldwin, D. Suhre\*, and J. Wang\*. 2016. Water quality dynamics of ephemeral wetlands in the Piedmont ecoregion, South Carolina, USA. *Ecological Engineering* 94:555-563.
21. Tavano, J.J., and **A.L. Pitt**. 2016. *Hemidactylum scutatum* (four-toed salamander). USA: Pennsylvania: Columbia Co. *Herpetological Review* 47(2):245.
20. Hartzell, S.M., M.B. Hartzell, and **A.L. Pitt**. 2016. *Terrepene carolina carolina* (woodland box turtle). USA: Pennsylvania: Northumberland Co. *Herpetological Review* 47(1):80.
19. Hartzell, S.M., and **A.L. Pitt**. 2015. *Sternotherus odoratus* (eastern musk turtle). USA: Pennsylvania: Montour Co. *Herpetological Review* 46(4):566.
18. Groff, L.A.\*, **A.L. Pitt**, R.F. Baldwin, A.J.K. Calhoun, C.S. Loftin. 2015. Evaluation of a waistband for attaching external transmitters to anurans. *Wildlife Society Bulletin* 39(3):610-615. DOI: 10.1002/wsb.554.
17. **Pitt, A.L.**, M.M. Buckle, E.N. Wahlman, and V.E. DiTomo. 2015. *Anaxyrus americanus* (American toad). Arboreal behavior. *Herpetological Review* 46(2):229-230.
16. Yu, X.\*, J. Hawley-Howard\*, **A.L. Pitt**, J. Wang\*, R.F. Baldwin, and A.T. Chow. 2015. Water quality of small, seasonal wetlands in the Piedmont ecoregion, South Carolina, USA: effects of land-use and hydrology. *Water Research* 73:98-108. DOI: 10.1016/j.watres.2015.01.007.
15. **Pitt, A.L.**, and M.A. Nickerson. 2014. Description and comparison of turtle assemblages and populations located within a spring-fed river. *Herpetological Conservation and Biology* 9(3):475-483.
14. Hartzell, S.M., and **A.L. Pitt**. 2014. *Glyptemys insculpta* (wood turtle). Nesting habitat and behavior. *Herpetological Review* 45(4):687-688.
13. **Pitt, A.L.**, J.J. Tavano, R.F. Baldwin, and T.A. Waldrop. 2013. Effects of fuel reduction treatments on movement and habitat use of American toads (*Anaxyrus americanus*) in a southern Appalachian hardwood forest. *Forest Ecology and Management* 310:289-299.
12. **Pitt, A.L.**, and M.A. Nickerson. 2013. Potential recovery of a declined turtle population diminished by a community shift towards more generalist species. *Amphibia-Reptilia* 34(2):193-200.
11. **Pitt, A.L.**, and M.A. Nickerson. 2012. Reassessment of the turtle community in the North Fork of White River, Ozark County, Missouri. *Copeia* 2012(3):367-374.
10. **Pitt, A.L.** (editor). 2012. Contributions from the Herpetology Conference including the All Florida Herpetological Event. *Bulletin of the Florida Museum of Natural History* 51(4):217-278.
9. Nickerson, M.A., and **A.L. Pitt**. 2012. Historical turtle population decline and community changes in an Ozark river. *Bulletin of the Florida Museum of Natural History* 51(4):257-267.
8. **Pitt, A.L.**, R.F. Baldwin, B.L. Brown, D.J. Lipscomb, J.E. Hawley\*, C.M. Allard\*, and P.B. Leonard\*. 2012. The missing wetlands: using local ecological knowledge to find cryptic ecosystems. *Biodiversity and Conservation* 21:51-63.
7. Nickerson, C.A., C.M. Ott, S.L. Castro, V.M. Garcia, T.C. Molina, J.T. Briggler, **A.L. Pitt**, J.J. Tavano, J.K. Byram, J. Barrila, and M.A. Nickerson. 2011. Evaluation of microorganisms cultured from injured and repressed tissue regeneration sites in endangered giant aquatic Ozark hellbender salamanders. *PLoS ONE* 6(12):e28906.

6. **Pitt, A.L.**, C.M. Allard\*, J.E. Hawley\*, R.F. Baldwin, and B.L. Brown. 2011. *Lithobates sylvaticus* (wood frog). Predation. *Herpetological Review* 42(2):263.
5. **Pitt, A.L.**, J.E. Hawley\*, C.M. Allard\*, R.F. Baldwin, and B.L. Brown. 2011. *Notophthalmus viridescens* (eastern newt). Necrophilia and cannibalism. *Herpetological Review* 42(2):258.
4. Nickerson, M.A., **A.L. Pitt**, and M.D. Prysby. 2007. Die Auswirkungen von Hochwasser auf Populationen des Schlammteufels, *Cryptobranchus alleganiensis* Daudin, 1803. *Der Salamander* 3(2):111-117.
3. Nickerson, M.A., **A.L. Pitt**, and M.D. Prysby. 2007. Effects of flooding on hellbender salamander, *Cryptobranchus alleganiensis* Daudin, 1803, populations. *Salamandra* 43(2):111-117.
2. Tavano, J.J., **A.L. Pitt**, and M.A. Nickerson. 2007. *Agkistrodon piscivorus leucostoma* (western cottonmouth). Behavior. *Herpetological Review* 38(2):202.
1. **Pitt, A.L.**, and M.A. Nickerson. 2006. *Cryptobranchus alleganiensis* (hellbender salamander). Larval diet. *Herpetological Review* 37:69.

**Select Popular Articles & Technical Reports** (Underlined = undergraduate student; \* = graduate student)

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- Johnson, R.M., **A.L. Pitt**, S.M. Hartzell\*, J.J. Tavano, J.L. Shinskie\*, C.R. Pavlick, and E.N. Wahlman. 2016. First report of the eastern hellbender salamander (*Cryptobranchus alleganiensis alleganiensis*) in Columbia County, Pennsylvania. *Bulletin of the Chicago Herpetological Society* 51(4):65.
- Shinskie, J.L.\* , E.N. Wahlman, S.M. Boksmati\*, J.R. Baker\*, K.J. Jeffreys\*, B.S. Esbenshade, A.N. Reynolds, B. Shea, K.N. Deguzman, E.J. Thomas, M.A. Diltz II, and **A.L. Pitt**. 2015. Kocher Park Management Plan. A Report to the Columbia County Conservation District and Fishing Creek Watershed Association. Bloomsburg University, Bloomsburg, PA. 73 pp.
- Pitt, A.L.**, R.F. Baldwin, J.J. Tavano, T.A. Waldrop, and R.J. Phillips. 2014. Synthesis of the effects of fire on southern Appalachian fauna. Pages 86-96 *In* Waldrop, T.A. (Ed.). 2014. *Proceedings, Wildland Fire in the Appalachians: Discussions among Managers and Scientists*. Gen. Tech. Rep. SRS-199. Asheville, NC: U.S. Department of Agriculture Forest Service, Southern Research Station.
- Pitt, A.L.** 2014. Raising awareness for hellbender and mudpuppy conservation. *Salamander News* 5:11.
- Nickerson, M.A., **A.L. Pitt**, and J.J. Tavano. 2009. Decline of the Ozark Hellbender (*Cryptobranchus alleganiensis bishopi*) in the North Fork of White River, Ozark County, Missouri: A Historical Habitat Perspective. Final Report for the Saint Louis Zoological Park and Reptile and Amphibian Conservation Corps. 53 pp.
- Pitt, A.L.** 2008. Freshwater River Turtle Populations Influenced by a Naturally Generated Thermal Gradient. Dissertation. University of Florida, Gainesville, FL. 150 pp.
- Pitt, A.L.**, M.A. Nickerson, and J.J. Tavano. 2008. Coliform bacterial content of the North Fork of White River and associated springs, Ozark County Missouri and its relation to Ozark hellbender, *Cryptobranchus alleganiensis bishopi*, and turtle habitat. Saint Louis Zoological Park Report. 11 pp.
- Christian, A., C. Davidson, A. Davis, J. Eberly, J. Humphries, **A. Pitt**, S. Trauth, and J. Utrup. 2007. Land use (land use, siltation, agricultural runoff, and water quality). Pages 33-55 *In* Briggler, J., J. Utrup, C. Davidson, J. Humphries, J. Groves, T. Johnson, J. Etting, M. Wanner, K. Traylor-Holzer, D. Reed, V. Lindgren, O. Byers (editors). 2007. *Hellbender Population and Habitat Viability Assessment: Final Report*. IUCN/SSC Conservation Breeding Specialist Group, Apple Valley, MN.
- Pitt, A.L.** 2005. Reassessment of the Turtle Community in the North Fork of White River, Ozark County, Missouri. Master's Thesis. University of Florida, Gainesville, FL. ix + 45 pp.
- Watzin, M., A. Shambaugh, E.B. Miller, A. Mahar, **A.L. Pitt**, and A. McIntosh. 2005. People, Plankton and Pollution: The State of Burlington Bay. Rubenstein School of Environment and Natural Resources, UVM, Burlington, VT. 17 pp.

**Pitt, A.** 2004. Hunting for hellbenders (Reprint). *Southeastern Biology* 51(1):43-45.

**Pitt, A.** 2003. Hunting for hellbenders. *All Taxa Biodiversity Inventory Quarterly* 4(3):5.

**Select Published Conference Abstracts** (Underlined = undergraduate student; \* = graduate student)

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Hartzell, S.M.\*, **A.L. Pitt**, S. Davis, and S.T. Rier. 2018. Invasive rusty crayfish (*Orconectes rusticus*) are more active diurnally than a native congener (*Orconectes limosus*). *Integrative and Comparative Zoology* 58(suppl. 1):e334.

**Pitt, A.**, T. Delahunty, S. Hartzell\*, J. Shinksie\*, and J. Tavano. 2017. Using old and new data to rapidly identify extent and drivers of aquatic species population decline. Pages 413-414 *In* Mills, M., X. Rueda, K. Shanker (eds.) *Proceedings of the 28<sup>th</sup> International Congress for Conservation Biology*. Cartagena 23-27 July 2017. Society for Conservation Biology, Cartagena, Colombia.

Hartzell, S.M.\*, **A.L. Pitt**, S. Davis, C.R. Pavlick, S.R. Rier, and J.J. Tavano. 2016. Acclimation and care of eastern hellbender salamanders (*Cryptobranchus alleganiensis alleganiensis*) in a captive setting. Page 37 *In* Program with Abstracts: A Tale of Two Rivers: The Susquehanna & Delaware. 11<sup>th</sup> Annual Susquehanna River Symposium, Lewisburg, PA.

**Pitt, A.**, J. Tavano, R. Baldwin, and B. Stegenga\*. 2016. Movement ecology demonstrates the importance of maintaining diverse aquatic systems within intact forest ecosystems for amphibian conservation. Pages 490-491 *In* JMIH Abstract Book: JMIH 2016. Joint Meeting of Ichthyologists and Herpetologists, New Orleans, LA.

Shinksie, J.\*, **A. Pitt**, and T. Delahunty. 2016. Influence of land cover change on eastern hellbender occurrence within the Susquehanna River drainage of Pennsylvania. Pages 571-572 *In* JMIH Abstract Book: JMIH 2016. Joint Meeting of Ichthyologists and Herpetologists, New Orleans, LA.

**Pitt, A.**, J. Shinksie\*, S. Hartzell\*, and J. Tavano. 2015. Land use, habitat degradation, and eastern hellbender (*Cryptobranchus alleganiensis alleganiensis*) distribution constriction within the Susquehanna River drainage. Pages 536-537 *In* ICCB ECCB 2015: 27<sup>th</sup> International Congress for Conservation Biology: Mission Biodiversity: Choosing New Paths for Conservation Abstract Book. Society for Conservation Biology, Montpellier, France.

**Pitt, A.L.** 2014. How you can help sea turtles: A review of suggestions provided for the general public turtle conservation. *In* Book of Abstracts. Thirty-fourth Annual Symposium on Sea Turtle Biology and Conservation. 34<sup>th</sup> International Sea Turtle Symposium, New Orleans, LA.

**Pitt, A.**, R. Baldwin, B. Stegenga\*, and J. Tavano. 2013. Amphibian movements suggest isolated wetlands should be regulated under the Clean Water Act. Page 167 *In* ICCB 2013: 26<sup>th</sup> International Congress for Conservation Biology: Connecting Systems, Disciplines, and Stakeholders Abstract Book. Society for Conservation Biology, Baltimore, MD.

Tavano, J., **A. Pitt**, R. Baldwin, T. Waldrop. 2013. Effects of fuel reduction treatments on movement and habitat use of American toads in a southern Appalachian hardwood forest. Page 206 *In* ICCB 2013: 26<sup>th</sup> International Congress for Conservation Biology: Connecting Systems, Disciplines, and Stakeholders Abstract Book. Society for Conservation Biology, Baltimore, MD.

**Pitt, A.**, R. Baldwin, and B. Stegenga\*. 2012. Challenging the wetland policy paradigm: incorporating biological connectivity into wetland conservation. Page 175 *In* NACCB 2012: 1<sup>st</sup> North America Congress for Conservation Biology: Bridging the Gap: Connecting People, Nature, and Climate Congress Abstracts. Society for Conservation Biology North America Section, Oakland, CA.

Hawley, J.\*, R. Baldwin, **A.L. Pitt**, and B.L. Brown. 2012. Importance of multiple faunal distributions when conserving ephemeral wetlands: differing invertebrate and amphibian community responses. Page 103 *In* NACCB 2012: 1<sup>st</sup> North America Congress for Conservation Biology: Bridging the Gap: Connecting People, Nature, and Climate Congress Abstracts. Society for Conservation Biology North America Section, Oakland, CA.

- Pitt, A.L.**, R.F. Baldwin, B.L. Brown, J.E. Hawley\*, D.J. Lipscomb, and C.M. Allard\*. 2010. Does the South Carolina Upstate have “isolated wetlands” and how do they function? *In* Proceedings of the South Carolina Water Resources Conference, Columbia, SC.  
<http://tigerprints.clemson.edu/scwrc/2010/2010management/13/>
- Pitt, A.L.** 2010. Are major retailers willing to help sea turtles? An attempt to encourage environmental sustainability in Gainesville, Florida, USA using a sea turtle as an advocate. Pages 223 *In* Dean, K., and M.C. López-Castro (compilers). Proceedings of the Twenty-eighth Annual Symposium on Sea Turtle Biology and Conservation. NOAA Technical Memorandum NMFS-SEFSC-602. U.S. Department of Commerce, Miami, FL.
- Pitt, A.L.** 2008. Community conservation of basking green sea turtles: recommendations for Punalu’u, HI. Pages 178-179 *In* Kalb, H., A.S. Rohde, K. Gayheart, and K. Shanker (compilers). Proceedings of the Twenty-fifth Annual Symposium on Sea Turtle Biology and Conservation. NOAA Technical Memorandum NMFS-SEFSC-582. U.S. Department of Commerce, Miami, FL.
- Pitt, A.L.** 2008. Community education and participation in turtle conservation: The application of grassroots sea turtle conservation techniques to freshwater turtle conservation. Page 178 *In* Mast, R.B., B.J. Hutchinson, and A.H. Hutchinson (compilers). Proceedings of the Twenty-fourth Annual Symposium on Sea Turtle Biology and Conservation. NOAA Technical Memorandum NMFS-SEFSC-567. U.S. Department of Commerce, Miami, FL.
- Pitt, A.L.** 2007. Assessment of Ozark hellbender, *Cryptobranchus alleganiensis bishopi*, distribution changes in the North Fork of White River, Ozark County, Missouri: a GIS approach. Page 366 *In* Donnelly, M.A. (compiler). Abstracts – 2007 Joint Meeting of Ichthyologists and Herpetologists. Joint meeting of Ichthyologists and Herpetologists, St. Louis, Missouri.
- Pitt, A.L.**, and M.A. Nickerson. 2006. Reassessment of the turtle community in the North Fork of White River, Ozark County, Missouri, USA. Pages 277-278 *In* Frick, M. A. Panagopoulou, A.F. Rees, K. Williams (compilers). Book of Abstracts. Twenty-sixth Annual Symposium on Sea Turtle Biology and Conservation. International Sea Turtle Society, Athens, Greece.

### **Research Grants (\$479,408)**

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- 2017 **Trinity College.** Bioaccumulation of heavy metals in urban pond ecosystems. (Competitive intramural research grant to support summer student research via student stipend & lodging) \$5,000
- 2015 **Trout Unlimited.** Assessment of hellbender population persistence and distribution in the Chest Creek Watershed. \$773
- 2015 **Bloomsburg University.** Interactions between an invasive crayfish species and hellbender salamanders. (Competitive intramural research and scholarship grant) \$14,400
- 2014 **Pennsylvania Department of Conservation and Natural Resources Wild Resource Conservation Grant.** The effect of land use regimes on hellbender habitat and population persistence in Pennsylvania. \$38,463
- 2014 **Bloomsburg University.** The effect of land use regimes on hellbender habitat and population persistence. (Competitive intramural research and scholarship grant) \$15,000
- 2011 **U.S. Environmental Protection Agency.** Defining significant nexus with navigable waters for small, relatively isolated wetlands in the Piedmont ecoregion. (Co-PIs: R.F. Baldwin, A.T. Chow, M. Scott, G. Yarrow, and J. Hains) \$293,367
- 2011 **U.S. Forest Service.** Amphibian response to fire: anuran movements and habitat selection. (Co-PI: R.F. Baldwin) \$49,991
- 2011 **U.S. Forest Service.** Impacts of fire on fauna in the Appalachian region. (Co-PI: R.F. Baldwin) \$15,644

- 2009 **Reptile and Amphibian Conservation Corps.** Effects of a naturally generated thermal gradient on freshwater turtle growth rate in a spring-fed river (research extension grant). \$1,000
- 2008 **Reptile and Amphibian Conservation Corps.** Effects of a naturally generated thermal gradient on freshwater turtle growth rate in a spring-fed river (research extension grant). \$1,000
- 2007 **Saint Louis Zoological Park.** Investigation of coliform bacterial content of the North Fork of White River and associated springs and its relation to Ozark hellbender, *Cryptobranchus alleganiensis bishopi*, and turtle habitat. (Co-PI: M.A. Nickerson) \$10,000
- 2007 **Reptile and Amphibian Conservation Corps.** Investigation of coliform bacterial content of the North Fork of White River and associated springs and its relation to long-lived herpetofauna. \$1,000
- 2006 **Saint Louis Zoological Park.** Investigation of potential re-introduction sites for captive-reared larval hellbenders, *Cryptobranchus alleganiensis*, in the North Fork of White River, Ozark County, Missouri (research extension grant). (Co-PI: M.A. Nickerson) \$10,000
- 2006 **Reptile and Amphibian Conservation Corps.** Effects of a naturally generated thermal gradient on freshwater turtle growth rate in a spring-fed river. \$1,000
- 2005 **Saint Louis Zoological Park.** Investigation of potential re-introduction sites for captive-reared larval hellbenders, *Cryptobranchus alleganiensis*, in the North Fork of White River, Ozark County, Missouri. (Co-PI: M.A. Nickerson) \$10,585
- 2005 **Reptile and Amphibian Conservation Corps.** Abiotic factors influencing freshwater turtle populations and community composition in two distinct areas of the North Fork of White River, Ozark County, Missouri. \$600
- 2005 **Cryptobranchid Interest Group.** Community education initiative for conservation of the Ozark hellbender, *Cryptobranchus alleganiensis bishopi*. \$500
- 2004 **Saint Louis Zoological Park.** A re-analysis of hellbender, *Cryptobranchus alleganiensis*, habitat studies and surveyed from 1968 to 1980. (Co-PI: M.A. Nickerson) \$9,885
- 2003 **Reptile and Amphibian Conservation Corps.** Reanalysis of the freshwater turtle community in the North Fork of White River, Ozark County, Missouri. \$1,000
- 1997 **Hughes Endeavor for Life Science Excellence.** Species occurrence patterns for moss-dwelling invertebrates in springbrooks. \$200

## Courses

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### Trinity College

- 2021 *Applied Ecology (ENVS 306L).* Environmental Science Program, Trinity College, Hartford, CT (Developed and implemented upper-level lecture and lab course)
- 2020 *Good Natured: Improving Mindfulness & Happiness through Natural History Observation (FYSM 180).* Environmental Science Program, Trinity College, Hartford, CT (Developed and implemented first year seminar course)
- 2020 *Wildlife Biology & Management (ENVS/BIO 304L).* Environmental Science Program and Department of Biology, Trinity College, Hartford, CT (Developed and implemented upper-level lecture and lab course)
- 2019-2022 *Introduction to Environmental Science (ENVS 149).* Environmental Science Program, Trinity College, Hartford, CT (Revised and implemented introductory undergraduate course for Environmental Science majors)

- 2018 *Field Study in Environmental Science – Field Ecology of the Galapagos (ENVS 350)*. Environmental Science Program, Trinity College, Hartford, CT (Developed and implemented senior-level undergraduate study away course with a community learning component)
- 2017-2022 *Advanced Seminar in Environmental Science (ENVS 401)*. Environmental Science Program, Trinity College, Hartford, CT (Developed and implemented senior-level undergraduate course)
- 2018-2020 *Honors Research in Biology (BIOL 497)*. Department of Biology, Trinity College, Hartford, CT (Developed and mentored undergraduate student senior thesis honors research)
- 2018-2020 *Conservation Biology (BIOL 233)*. Department of Biology, Trinity College, Hartford, CT (Developed and implemented upper-level undergraduate course)
- 2017-2022 *Amphibian Ecology & Conservation (BIOL 302)*. Department of Biology, Trinity College, Hartford, CT (Developed and implemented upper-level undergraduate course)
- 2017-2020 *Honors Research in Environmental Science (ENVS 497)*. Environmental Science Program, Trinity College, Hartford, CT (Developed and mentored undergraduate student senior thesis honors research)
- 2017-2020 *Research in Biology Lab (BIOL 425)*. Department of Biology, Trinity College, Hartford, CT (Developed and mentored undergraduate student research)
- 2016-2020 *Research in Environmental Science Lab (ENVS 425)*. Environmental Science Program, Trinity College, Hartford, CT (Developed and mentored undergraduate student research)
- 2016-2021 *Methods in Environmental Science (ENVS 375 post-2016, ENVS 275 in 2016)*. Environmental Science Program, Trinity College, Hartford, CT (Implemented lecture and lab course for upper-level Environmental Science majors)
- 2016-2021 *Global Perspectives in Biodiversity & Conservation (ENVS/BIOL 141)*. Environmental Science Program and Department of Biology, Trinity College, Hartford, CT (Developed and implemented introductory non-majors undergraduate course offered through both the Environmental Science Program and the Department of Biology; course includes a community learning component) **+Selected as a Tripod Staff recommended Fall 2018 Course Selection**

#### *Bloomsburg University*

- 2016 *Biodiversity and Conservation Biology (BIOLOGY 103)*. Department of Biological & Allied Health Sciences, Bloomsburg University, Bloomsburg, PA (Developed and implemented introductory undergraduate course that included a community learning component)
- 2015 *Ecology and Evolution (BIOLOGY 102)*. Department of Biological & Allied Health Sciences, Bloomsburg University, Bloomsburg, PA (Developed and implemented undergraduate course for non-majors)
- 2015 *Ecosystem Management (BIOLOGY 421/521)*. Department of Biological & Allied Health Sciences, Bloomsburg University, Bloomsburg, PA (Developed and implemented dual-enrolled course for graduate and upper-level undergraduate students that included a community learning component)
- 2014 *Population Biology (BIOLOGY 460/560)*. Department of Biological & Allied Health Sciences, Bloomsburg University, Bloomsburg, PA (Developed and implemented dual-enrolled course for graduate and upper-level undergraduate students)
- 2014 *Research in Biology 2 (BIOLOGY 391)*. Department of Biological & Allied Health Sciences, Bloomsburg University, Bloomsburg, PA (Developed and mentored advanced undergraduate student research)
- 2014-2015 *Research in Biology 1 (BIOLOGY 390)*. Department of Biological & Allied Health Sciences, Bloomsburg University, Bloomsburg, PA (Developed and mentored undergraduate student research)



2014-2015 *Ecology Laboratory (BIOLOGY 351)*. Department of Biological & Allied Health Sciences, Bloomsburg University, Bloomsburg, PA (Undergraduate course)

2014-2016 *Concepts in Biology II Laboratory (BIOLOGY 115)*. Department of Biological & Allied Health Sciences, Bloomsburg University, Bloomsburg, PA (Undergraduate course)

2013-2016 *Concepts in Biology I Laboratory (BIOLOGY 114)*. Department of Biological & Allied Health Sciences, Bloomsburg University, Bloomsburg, PA (Undergraduate course)

#### *Clemson University*

2010 *Creative Inquiry: Exploration of the Physical, Chemical, and Biological Properties of Geographically Isolated Wetlands in Upstate South Carolina (FNR 470)*. School of Agricultural, Forest, & Environmental Sciences, Clemson University, Clemson, SC (Developed and implemented research-based course for upper-level undergraduate students)

#### *University of Florida*

2003-2006 *Laboratory in Biological Sciences (BSC 2009L)*. Department of Biological Sciences, University of Florida, Gainesville, FL (Combination lecture and laboratory course for non-majors; Revised curriculum)

### **Graduate Students**

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- Advisor of Sean M. Hartzell – M.S. Biological Sciences, Bloomsburg University; *Interactions between non-native species and hellbenders*; Graduated August 2017
- Advisor of Jamie L. Shinskie – M.S. Biological Sciences, Bloomsburg University; *Effects of land use on hellbender habitat and population persistence in the Susquehanna River drainage*; Graduated December 2016
- Committee member of Jessica R. Baker – M.S. Biological Sciences, Bloomsburg University; *Ecological feeding niche overlap between three species of sea cucumbers: Sclerodactyla briareus, Thyonella gemmate, and Leptosynapta tenuis*; Graduated December 2016
- Committee member of Alan P. Belles – M.S. Biological Sciences, Bloomsburg University; *Comparison of call characteristics in island and mainland populations of Anaxyrus fowleri*; Graduated August 2016
- Committee member of Sagan M. Simko – M.S. Biological Sciences, Bloomsburg University; *Spatial analysis of nutrient loading following rain pulse events and its relation to extracellular enzyme response within streams of north-central Pennsylvania*; Graduated December 2015
- Committee member of Linda F. Tucker Serniak – M.S. Biological Sciences, Bloomsburg University; *Impact of Japanese knotweed on riparian bird assemblages in northeastern Pennsylvania*; Graduated May 2015
- Co-advisor of Benjamin S. Stegenga – M.S. Wildlife & Fisheries Biology, Clemson University; *Anuran habitat selection and use in a southern Piedmont landscape with multiple types of aquatic features*; Graduated December 2014
- Research mentor of Joanna H. Howard – Ph.D. Wildlife & Fisheries Biology, Clemson University; *Wetland biodiversity conservation across multiple spatial and temporal scales*; Graduated August 2014

### **Undergraduate Honors Thesis Students**

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- Honors Thesis Advisor of Caroline Killian – B.S. Environmental Science, Trinity College; *Impacts of land cover change and water quality on a riverine ecosystem*; Anticipated graduation May 2023
- Honors Thesis Advisor of Skye Embray – B.S. Environmental Science & Public Policy and Law, Trinity College; *Mercury levels and safety guidelines for urban ponds*; Anticipated graduation May 2023

- Honors Thesis Committee Member of Eleanor Chmielowicz – B.S. Environmental Science, Trinity College; *Impacts of clearcut on forest ecosystems*; Anticipated graduation May 2023
- Honors Thesis Committee Member of Marta Draušnik – B.S. Environmental Science, Trinity College; *Magnetic properties of mountain soils as a potential climate proxy*; Graduated May 2022
- Honors Thesis Committee Member of Amanda Modica – B.S. Environmental Science & Chemistry, Trinity College; *Phosphorus and metal cycling in a drinking water source*; Graduated May 2022
- Honors Thesis Advisor of Eleanor Tate – B.S. Environmental Science, Trinity College; *The expansion of a native generalist species following competitive release and habitat degradation*; Graduated May 2021
- Honors Thesis Advisor of Myles Little – B.S. Environmental Science & English, Trinity College; *The accumulation of mercury in the sediments of Beachland Park Pond (West Hartford, CT) and Keney Park Pond (Hartford, CT)*; Graduated May 2021
- Honors Thesis Advisor of Kaelie Murray-Simmons – B.S. Environmental Science & Biology, Trinity College; *Snow Leopard abundance in Northern Pakistan*; Graduated May 2020
- Honors Thesis Advisor of Hazel Robertson – B.S. Biology, Trinity College; *The concentration of mercury in the biota of an urban pond*; Graduated May 2019
- Honors Thesis Advisor of Shane McLaughlin – B.S. Environmental Science, Trinity College; *Total mercury accumulation and spatial distribution in Beachland Park Pond, West Hartford, CT and Keney Park Pond, Hartford, CT*; Graduated May 2019
- Honors Thesis Committee Member of Joseph Ruggiero – B.S. Environmental Science, Trinity College; *A field investigation of mercury in soils across the White Mountain National Forest, New Hampshire: Implications for boreal forest ecosystems*; Graduated May 2019
- Honors Thesis Advisor of Bailey D'Antonio – B.S. Biology, Trinity College; *The effects of Japanese barberry (*Berberis thunbergii*) on blacklegged tick (*Ixodes scapularis*) and white-footed mouse (*Peromyscus leucopus*) abundances in Simsbury, CT*; Graduated May 2018
- Honors Thesis Advisor of Guadalupe Barajas – B.S. Environmental Science & French, Trinity College; *The effects of land use on mercury accumulation in urban ponds in the Greater Hartford Area*; Graduated May 2017

### ***Undergraduate Research Mentees***

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- Independent Research Advisor of Evan Eldermire – B.S. Environmental Science, Trinity College; *Mercury accumulation in river turtles*; Anticipated graduation May 2024
- Independent Research Advisor of Skye Embray – B.S. Environmental Science, Trinity College; *Mercury accumulation in urban pond plants*; Anticipated graduation May 2023 †**Selected as 2022 Goldwater Scholar**
- Independent Research Advisor of Olivia Mastrangelo – B.S. Environmental Science, Trinity College; *Mercury accumulation in plants in an urban park*; Anticipated graduation May 2023
- Independent Research Advisor of Anders Brown – B.S. Environmental Science, Trinity College; *Flying insect abundance and diversity in suburban Connecticut*; Anticipated graduation May 2023
- Independent Research Advisor of Caroline Killian – B.S. Environmental Science, Trinity College; *Evaluating prey availability of insectivorous birds in a protected green space in suburban Connecticut*; Anticipated graduation May 2023
- Independent Research Advisor of Mary Meza Celis – B.S. Environmental Science & Urban Studies, Trinity College; *Influence of variable mean annual precipitation on mercury deposition in an urban park pond*; Graduated May 2022

- Independent Research Advisor of Jared Buchman – B.S. Environmental Science, Trinity College; *Mercury accumulation in river turtle scutes*; Graduated May 2021
- Independent Research Advisor of Ciara Dunn – B.S. Environmental Science, Trinity College; *Mercury accumulation in urban pond plants*; Graduated May 2021
- Independent Research Advisor of Will Dencker – B.S. Environmental Science, Trinity College; *Distribution of mercury in terrestrial and aquatic urban pond sediments*; Graduated May 2021
- Independent Research Advisor of Kaelie Murray-Simmons – B.S. Environmental Science, Trinity College; *Microhabitat characteristics of sites with varying densities of invasive Japanese barberry (Berberis thunbergii)*; Graduated May 2020
- Independent Research Advisor of William Duggan – B.S. Environmental Science and Biology, Trinity College; *Evaluation of blacklegged tick (Ixodes scapularis) sampling method efficacy in sites with varying Japanese barberry (Berberis thunbergii) density*; Graduated May 2019
- Independent Research Advisor of Alexandra Lao – B.S. Biology, Trinity College; *Evaluation of snow leopard presence and habitat use in Pakistan based on trail camera data*; Graduated May 2019
- Independent Research Advisor of Jane Provost – B.S. Environmental Science, Trinity College; *Evaluation of wildlife community and habitat use in Pakistan based on trail camera data*; Graduated May 2019
- Independent Research Advisor of Joseph Ruggiero – B.S. Environmental Science, Trinity College; *Mercury accumulation in urban stream sediments and plants*; Graduated May 2019
- Independent Research Advisor of Anna Maria Imwalle – B.S. Biochemistry, Trinity College; *Bioaccumulation of heavy metals in urban pond ecosystems*; Graduated May 2020
- Independent Research Advisor of Brendan P. Lynch – Interdisciplinary Science Program, Trinity College; *Bioaccumulation of heavy metals in urban pond ecosystems*; Graduated May 2020
- Independent Research Advisor of Shane M. McLaughlin – B.S. Environmental Science, Trinity College; *Trace metal accumulation in recreational ponds in urban environments*; Graduated May 2019
- Independent Research Advisor of Hazel Robertson – B.S. Biology, Trinity College; *Accumulation of trace metals in urban pond ecosystems*; Graduated May 2019
- Independent Research Advisor of Colbie C. Cook – B.S. Environmental Science, Trinity College; *Accumulation of trace metals in urban pond ecosystems*; Graduated May 2019
- Independent Research Advisor of Torrey J. Hill – B.S. Biology, Trinity College; *Accumulation of trace metals in urban pond ecosystems*; Graduated May 2019
- Independent Research Advisor of Cody R. Pavlick – B.S. Environmental Biology, Bloomsburg University; *Impacts of non-native crayfish species on native salamanders*; Graduated May 2018
- Independent Research Advisor of Rachel M. Johnson – B.S. Environmental Geoscience, Bloomsburg University; *Analysis of hellbender populations in the Susquehanna River drainage*; Graduated May 2016
- Independent Research Advisor of Kira England – B.S. Environmental Biology, Bloomsburg University; Project 1: *Synthesis of the effects of post-fire salvage logging on bird populations and assemblages*; Project 2: *Assessment of mammalian scavenger populations on Bloomsburg University campus*; Graduated December 2015
- Independent Research Advisor of Sean M. Hartzell – B.A. Biology, Bloomsburg University; *Historical and recent distribution of hellbenders in the Susquehanna River drainage*; Graduated May 2015
- Independent Research Co-advisor of Martina Drew – B.S. Biology, Bloomsburg University; *Evaluation of bird window collisions on Bloomsburg University campus*; Graduated May 2015

### ***Invited Conference Presentations & Expert Panel Discussions***

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- 2018 Teaching climate change in the sciences. Panel Discussion: Teaching climate change across the disciplines. Trinity College Center for Teaching and Learning & Trinity Institute for Interdisciplinary Studies Co-sponsored Event, Hartford, CT.
- 2018 Invasive rusty crayfish can serve as prey for eastern hellbenders. 41<sup>st</sup> Annual Herpetology Conference, Gainesville, FL.
- 2017 Diversity and function of aquatic ecosystems in a rapidly developing, biodiverse region. International Symposium on Urban Sustainability in Asia: Many Dimensions, Multiple Disciplines, and Diverse Approaches, Hartford, CT.
- 2017 Combining historical data, eDNA surveys, and multi-scale habitat data to rapidly evaluate predictors of hellbender population extirpation. 40<sup>th</sup> Annual Herpetology Conference, Gainesville, FL.
- 2014 Fate of salamanders in the Anthropocene. Association for Environmental Studies and Sciences Conference, New York, NY. (Invited speaker and panelist)
- 2013 Synthesis of the effects of fire on southern Appalachian fauna. Wildland Fire in the Appalachians: Discussions among Managers and Scientists Conference, Roanoke, VA.
- 2012 Managing at the landscape scale for aquatic fauna: little animals move a long way. Wildlife Habitat Consideration in Managed Forests Conference, Clemson, SC.
- 2012 Amphibians, wetland delineation, and the Clean Water Act. 35<sup>th</sup> Annual Herpetology Conference, Gainesville, FL.
- 2004 Hellbender habitat in the North Fork of the White River, Ozark County, Missouri: 1969-2004. Ozark Hellbender Working Group Meeting, Saint Louis Zoological Park, Saint Louis, MO.

### ***Contributed Conference Presentations*** (Underlined = undergraduate student; \* = graduate student)

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- Pitt, A.L.**, E.G. Tate, M. Little, J.J. Tavano, and M. Nickerson. 2021. Range expansion and population increase of a generalist species facilitated by population reduction of a specialist species and habitat degradation. 19<sup>th</sup> Annual Symposium on the Conservation and Biology of Tortoises & Freshwater Turtles, Virtual Conference.
- Pitt, A.L.**, E.G. Tate, M. Little, J.J. Tavano, and M. Nickerson. 2019. Long-term evaluation of a river turtle community influenced by habitat degradation, harvest, and climate change. 29<sup>th</sup> International Congress for Conservation Biology, Kuala Lumpur, Malaysia.
- Pitt, A.L.**, S.M. Hartzell\*, and S. Davis. 2018. Imperiled hellbender salamander (*Cryptobranchus alleganiensis*) can consume invasive rusty crayfish (*Faxonius [Orconectes] rusticus*). North American Congress for Conservation Biology, Toronto, ON.
- Ruggiero, J., S. McLaughlin, A. Imwalle, and **A.L. Pitt**. 2018. Mercury accumulation in urban park streams and ponds: has urbanization changed would-be wildlife habitats into ecological traps? North American Congress for Conservation Biology, Toronto, ON.
- Delahunty, T., **A.L. Pitt**, and J.L. Shinskie\*. 2018. Effectiveness of the National Land Cover Dataset for reach-scale wetland presence and canopy quantification. 2018 Annual Meeting of the American Association of Geographers, New Orleans, LA.
- Hartzell, S.M.\*, **A.L. Pitt**, S. Davis, and S.T. Rier. 2018. Invasive rusty crayfish (*Orconectes rusticus*) are more active diurnally than a native congener (*Orconectes limosus*). Society for Integrative and Comparative Zoology 2018 Annual Meeting, San Francisco, CA.

- Puga-Caballero, A.L., S.B. Hager, B.J. Cosentino, M.A. Aguilar-Gómez, M.L. Anderson, M. Bakermans, T.J. Boves, D. Brandes, M.W. Butler, E.M. Butler, N.L. Cagle, R. Calderón-Parra, A.P. Capparella, A. Chen, K. Cipollini, A.A.T. Conkey, T.A. Contreras, R.I. Cooper, C.E. Corbin, R.L. Curry, J.J. Dosch, M.G. Drew, K. Dyson, C. Foster, C.D. Francis, E. Fraser, R. Furbush, N.D.G. Hagemeyer, K.N. Hopfensperger, D. Klem, Jr., E. Lago, A. Lahey, K. Lamp, G. Lewis, S.R. Loss, C.S. Machtans, J. Madosky, T.J. Maness, K.J. McKay, S.B. Menke, K.E. Muma, N. Ocampo-Peñuela, T.J. O'Connell, R. Ortega-Álvarez, **A.L. Pitt**, J.E. Quinn, C.W. Varian-Ramos, C.S. Riding, A.M. Roth, P.G. Saenger, R.T. Schmitz, J. Schnurr, M. Simmons, A.D. Smith, D.R. Sokoloski, J. Vigliotti, E.L. Walters, L.A. Walters, J.T. Weir, K. Winnett-Murray, J.C. Withey, and I. Zuria. 2017. ¿Cómo afecta la urbanización la mortalidad de las aves que colisionan con ventanas en América del Norte? XV Congreso para el Estudio y Conservación de las Aves de México (CECAM), Morelia, Michoacán, México.
- Pitt, A.L.**, J.L. Shinskie\*, J.J. Tavano, S.M. Hartzell\*, T. Delahunty, and S. Spear. 2017. Using old and new data to rapidly identify extent and drivers of aquatic species population decline. 28<sup>th</sup> International Congress for Conservation Biology, Cartagena, Colombia.
- Pitt, A.L.**, J.L. Shinskie\*, J.J. Tavano, S.M. Hartzell\*, T. Delahunty, and S. Spear. 2017. Using historical data and eDNA surveys to rapidly evaluate hellbender population decline. Northeast Natural History Conference, Cromwell, CT.
- Shinskie, J.L.\*, T. Delahunty, and **A.L. Pitt**. 2017. Accuracy assessment of the 2011 National Land Cover Dataset (NLCD) and the National Wetland Inventory (NWI) for reach scale analysis of salamander habitat. 40<sup>th</sup> Annual Herpetology Conference, Gainesville, FL
- Delahunty, T., J. Shinskie\*, and **A. Pitt**. 2016. Utility of a land use land cover dataset for habitat location. 71<sup>st</sup> Annual Southeastern Division of the Association of American Geographers Meeting, 20-22 November 2016, Columbia, SC.
- Hartzell, S.M.\*, **A.L. Pitt**, S. Davis, C.R. Pavlick, S.R. Rier, and J.J. Tavano. 2016. Acclimation and care of eastern hellbender salamanders (*Cryptobranchus alleganiensis alleganiensis*) in a captive setting. 11<sup>th</sup> Annual Susquehanna River Symposium, 11-12 November 2016, Lewisburg, PA.
- Shinskie, J.L.\*, **A.L. Pitt**, and T. Delahunty. 2016. Historic and recent canopy cover and stream habitat variables affecting eastern hellbender persistence within the Susquehanna River drainage of Pennsylvania. 2016 Northeast Partners in Amphibian and Reptile Conservation Meeting, 9-11 August 2016, Poultney, VT. †**Graduate student awarded Best Student Poster Award**
- Pitt, A.L.**, J.J. Tavano, R.F. Baldwin, and B.S. Stegenga\*. 2016. Movement ecology demonstrates the importance of maintaining diverse aquatic systems within intact forest ecosystems for amphibian conservation. Joint Meeting of Ichthyologists and Herpetologists, New Orleans, LA.
- Shinskie, J.L.\*, **A.L. Pitt**, and T. Delahunty. 2016. Influence of land cover change on eastern hellbender occurrence within the Susquehanna River Drainage of Pennsylvania. Joint Meeting of Ichthyologists and Herpetologists, New Orleans, LA.
- Pitt, A.L.**, J.L. Shinskie\*, S.M. Hartzell\*, and J.J. Tavano. 2015. Land use, habitat degradation, and eastern hellbender (*Cryptobranchus alleganiensis alleganiensis*) distribution constriction within the Susquehanna River drainage. 27<sup>th</sup> International Congress for Conservation Biology, Montpellier, France.
- Johnson, R.M., **A.L. Pitt**, J.L. Shinskie\*, S.M. Hartzell\*, C.R. Pavlick, and E.R. Wahlman. 2015. Eastern hellbender (*Cryptobranchus alleganiensis alleganiensis*) population status, spatial distribution, and microhabitat use in a Pennsylvania stream. 5<sup>th</sup> Annual Susquehanna Valley Undergraduate Research Symposium, Lewisburg, PA.
- Mendall, L., J.R. Baker\*, **A.L. Pitt**, A. Boettger, and T. Klinger. 2015. Spatial separation alleviates food competition in co-occurring sea cucumber species on tidal flats near Assateague, Virginia. 5<sup>th</sup> Annual Susquehanna Valley Undergraduate Research Symposium, Lewisburg, PA.

- Pitt, A.L.**, J.J. Tavano, and R.F. Baldwin. 2015. Wildlife ecology and the Clean Water Act: Amphibian movements and habitat use indicate biological connectivity among water bodies. Association for Environmental Studies and Sciences Conference, San Diego, CA. †*Speaker and panelist*
- Shinskie, J.L.\*, and **A.L. Pitt**. 2015. Reassessment of eastern hellbender (*Cryptobranchus alleganiensis alleganiensis*) distribution in the Susquehanna River drainage of Pennsylvania. 7<sup>th</sup> Biennial Hellbender Symposium, St. Louis, MO.
- Hartzell, S.M., and **A.L. Pitt**. 2015. The historic distribution of the eastern hellbender (*Cryptobranchus alleganiensis alleganiensis*) in the Susquehanna drainage of Pennsylvania. 7<sup>th</sup> Biennial Hellbender Symposium, St. Louis, MO.
- Nickerson, M.A., **A.L. Pitt**, and J.J. Tavano. 2015. Forest removal: a major factor in the decline of hellbender populations. 7<sup>th</sup> Biennial Hellbender Symposium, St. Louis, MO.
- Nickerson, M.A., **A.L. Pitt**, and J.J. Tavano. 2015. From deforestation to the decline of an Ozark hellbender population in a large spring-fed Ozark river: a half century of evidence. 38<sup>th</sup> Annual Herpetology Conference, Gainesville, FL.
- Nickerson, M.A., **A.L. Pitt**, J.J. Tavano, and K.A. Hecht\*. 2014. In-river habitat changes following riparian and upland deforestation correlates with the decline of Ozark hellbender salamander populations. International Union of Forest Research Organizations World Congress, Salt Lake City, UT.
- Nickerson, M.A., K.A. Hecht\*, J.C. Mitchell, **A.L. Pitt**, and J.J. Tavano. 2014. Are fish responsible for the decline of Ozark hellbender populations? American Society of Ichthyologists and Herpetologists Annual Meeting. Chattanooga, TN.
- Pitt, A.L.** 2014. How you can help sea turtles: A review of suggestions provided for the general public turtle conservation. 34<sup>th</sup> International Sea Turtle Symposium, New Orleans, LA.
- Howard, J.H.\*, R.F. Baldwin, and **A.L. Pitt**. 2013. The utility of state parks as a conservation tool for isolated and ephemeral wetlands: a case study from the southern Blue Ridge. 46<sup>th</sup> American Geophysical Union Annual Meeting. San Francisco, CA.
- Pitt, A.L.**, R.F. Baldwin, B.S. Stegenga\*, and J.J. Tavano. 2013. Amphibian movements suggest isolated wetlands should be regulated under the Clean Water Act. 26<sup>th</sup> International Congress for Conservation Biology, Baltimore, MD.
- Tavano, J.J., **A.L. Pitt**, R.F. Baldwin, T.A. Waldrop. 2013. Effects of fuel reduction treatments on movement and habitat use of American toads in a southern Appalachian hardwood forest. 26<sup>th</sup> International Congress for Conservation Biology, Baltimore, MD.
- Pitt, A.L.**, R.F. Baldwin, B.S. Stegenga, and J.J. Tavano. 2013. Anuran movements and the Clean Water Act. 36<sup>th</sup> Annual Herpetology Conference, Gainesville, FL.
- Tavano, J.J., **A.L. Pitt**, R.F. Baldwin, and T.A. Waldrop. 2013. Fire ecology of American toads in a southern Appalachian hardwood forest. 36<sup>th</sup> Annual Herpetology Conference, Gainesville, FL.
- Pitt, A.L.**, R.F. Baldwin, B.S. Stegenga\*. 2013. Amphibian movements suggest isolated wetlands should be regulated under the Clean Water Act. Southeast Partners in Amphibian and Reptile Conservation 2013 Annual Meeting, Hickory Knob State Park, SC.
- Tavano, J.J., **A.L. Pitt**, R.F. Baldwin, and T.A. Waldrop. 2013. Effects of fuel reduction treatments on movement and habitat use of American toads in a southern Appalachian hardwood forest. Southeast Partners in Amphibian and Reptile Conservation 2013 Annual Meeting, Hickory Knob State Park, SC.
- Stegenga, B.S.\*, **A.L. Pitt**, R.F. Baldwin, and J.J. Tavano. 2013. Microhabitat selection of three anuran species and implications for landscape-level conservation of wetlands. Southeast Partners in Amphibian and Reptile Conservation 2013 Annual Meeting, Hickory Knob State Park, SC.

- Pitt, A.L.**, R.F. Baldwin, and B.S. Stegenga\*. 2012. Challenging the wetland policy paradigm: incorporating biological connectivity into wetland conservation. North American Chapter of the Society of Conservation Biology, Oakland, CA.
- Hawley, J.\* , R. Baldwin, **A.L. Pitt**, and B.L. Brown. 2012. Importance of considering multiple faunal distributions in conservation of ephemeral wetlands. North American Chapter of the Society of Conservation Biology, Oakland, CA.
- Stegenga, B.S.\* , **A.L. Pitt**, and R.F. Baldwin. 2012. Biological connectivity demonstrated by three anuran species and implications for wetland conservation. Northeast Partners in Amphibian and Reptile Conservation 2012 Annual Meeting, Bretton Woods, NH.
- Pike, J., J.H. Howard\* , B.L. Brown, **A.L. Pitt**, and R.F. Baldwin. 2012. Aquatic invertebrate range extensions: Isolated wetlands of South Carolina. North American Benthological Society – SC Chapter Workshop, Columbia, SC.
- Nickerson, C.A., M. Ott , S.L. Castro, V.M. Garcia, T.C. Molina, J.T. Briggler, **A.L. Pitt**, J.J. Tavano, J.K. Byram, and M.A. Nickerson. 2011. Beyond chytrid. Evaluation of microorganisms cultured from injured and repressed tissue culture regeneration sites in endangered giant aquatic Ozark hellbender salamanders. 5<sup>th</sup> Annual Hellbender Symposium, Ligonier, PA.
- Pitt, A.L.**, R.F. Baldwin, B.L. Brown, J.E. Hawley\* , and D.J. Lipscomb. 2011. Functional versus geographic isolation of wetlands: using organisms to indicate status. 96<sup>th</sup> Annual Meeting of the Ecological Society of America, Austin, TX.
- Pitt, A.L.**, R.F. Baldwin, B.L. Brown, J.E. Hawley\* , D.J. Lipscomb, and C.M. Allard\*. 2011. Upstate South Carolina’s small, (more or less) isolated wetlands and their amphibian denizens. Southeast Partners in Amphibian and Reptile Conservation Annual Meeting, Louisville, MS.
- Howard, J.H.\* , R.F. Baldwin, **A.L. Pitt**, and B.L. Brown. 2011. Structure, function, and conservation of ephemeral wetlands in the upper Piedmont and lower Blue Ridge of South Carolina: a preliminary look. Clemson University Natural Resources Graduate Student Association Symposium, Clemson, SC.
- Pitt, A.L.**, R.F. Baldwin, B.L. Brown, J.E. Hawley\* , D.J. Lipscomb, and C.M. Allard\*. 2010. Does the South Carolina Upstate have “isolated wetlands” and how do they function? South Carolina Water Resources Conference, Columbia, SC.
- Pitt, A.L.**, R.F. Baldwin, B.L. Brown, J.E. Hawley\* , D.J. Lipscomb, and C.M. Allard\*. 2010. In search of Upstate South Carolina’s small isolated wetlands and their amphibian denizens: a preliminary report. 33<sup>rd</sup> Annual Herpetology Conference, Gainesville, FL.
- Pitt, A.L.**, and M.A. Nickerson. 2009. Temporal and spatial variation of growth rate among freshwater turtle populations. 32<sup>nd</sup> Annual Herpetology Conference, Gainesville, FL.
- Pitt, A.L.** 2008. Are major retailers willing to help sea turtles? An attempt to encourage environmental sustainability in Gainesville, Florida, USA using a sea turtle as an advocate. 28<sup>th</sup> International Sea Turtle Symposium, Loreto, Mexico.
- Pitt, A.L.** 2007. Assessment of Ozark Hellbender, *Cryptobranchus alleganiensis bishopi*, distribution changes in the North Fork of White River, Ozark County, Missouri: a GIS approach. Joint Meeting of Ichthyologists and Herpetologists, Saint Louis, MO.
- Pitt, A.L.**, and M.A. Nickerson. 2006. Reassessment of the turtle community in the North Fork of White River, Ozark County, Missouri, USA. 26<sup>th</sup> International Sea Turtle Symposium, Island of Crete, Greece.
- Pitt, A.L.**, and M.A. Nickerson. 2006. Reassessment of the turtle community in the North Fork of White River, Ozark County, Missouri, USA. 29<sup>th</sup> Annual Herpetology Conference, Gainesville, FL.
- Pitt, A.L.**, and M.A. Nickerson. 2006. Reassessment of the turtle community in the North Fork of White River, Ozark County, Missouri, USA. IUCN Turtle Survival Alliance and IUCN Tortoise and

Freshwater Turtle Specialist Group 4<sup>th</sup> Annual Symposium on Conservation and Biology of Freshwater Turtles and Tortoises, St. Louis, MO. † **Best Student Paper Award**

**Pitt, A.L.**, and M.A. Nickerson. 2006. Reassessment of the turtle community in the North Fork of White River, Ozark County, Missouri, USA. University of Florida Institute of Food and Agricultural Sciences Graduate Student Symposium, Gainesville, FL.

Nickerson, M.A., **A.L. Pitt**, and M.D. Prysby. 2005. Flooding's effects on two populations of hellbenders, *Cryptobranchus alleganiensis*. 2005 Hellbender Symposium, Lake View, AR.

**Pitt, A.L.** 2005. Community conservation of basking green sea turtles: recommendations for Punalu'u, HI. 25<sup>th</sup> International Sea Turtle Symposium, Savannah, GA.

**Pitt, A.L.**, and M.A. Nickerson. 2005. Reassessment of Ozark hellbender (*Cryptobranchus alleganiensis bishopi*) habitat in the North Fork of White River, Ozark County, MO: 1969-2004. 2005 Hellbender Symposium, Lake View, AR.

Nickerson, M.A., and **A.L. Pitt**. 2004. Floods and Hellbenders. 28<sup>th</sup> Annual Herpetology Conference, Gainesville, FL.

**Pitt, A.L.** 2004. Community education and participation in turtle conservation: The application of grassroots sea turtle conservation techniques to freshwater turtle conservation. 24<sup>th</sup> International Sea Turtle Symposium, San Jose, CR.

Mahar, A.M., M.C. Watzin, and **A.L. Pitt**. 2002. Contaminant mixtures in stormwater runoff: Interactions among constituents affect toxicity. Symposium of the Lake Champlain Research Consortium, Saint-Jean-sur-Richelieu, QC.

### ***Invited Seminars & Guest Lectures***

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- 2021 How habitat degradation, harvest, and climate change have affected a river turtle community over the past 50+ years. 2021 Fall Colloquium, Department of Biological Sciences, Western Michigan University, Kalamazoo, MI.
- 2021 The biodiversity crisis: How we are causing the 6<sup>th</sup> mass extinction event. BIOLOGY 315L Vertebrate Zoology. Department of Biology, Trinity College, Hartford, CT.
- 2020 How habitat degradation, harvest, and climate change have affected a river turtle community over the past 50 years. Department of Biology Seminar Series, Trinity College, Hartford, CT.
- 2019 Decline and conservation of a giant: what happened to hellbenders in the Susquehanna River watershed. Department of Biology, Central Connecticut State University, New Britain, CT.
- 2019 Trinity College students are thinking globally and acting locally for biodiversity conservation and sustainability. GreenFest, Trinity College, Hartford, CT.
- 2019 How Trinity College students learn to think globally and act locally for biodiversity conservation: BIOL/ENVS 141 Global Perspectives on Biodiversity and Conservation student community learning projects. Community Learning Initiative Brainstorming Lunch, Trinity College, Hartford, CT.
- 2018 Decline and conservation of a giant: what happened to hellbenders in the Susquehanna River watershed. Department of Biology, Central Connecticut State University, New Britain, CT.
- 2018 Trinity College's service and research activities in City of Hartford Parks. City of Hartford Parks and Recreation Advisory Committee Meeting, City Hall, Hartford, CT.
- 2018 The biodiversity crisis: 6<sup>th</sup> mass extinction event. BIOLOGY 315L Vertebrate Zoology. Department of Biology, Trinity College, Hartford, CT.
- 2017 CO<sub>2</sub> & climate. ConnPIRG Student Club, Trinity College, Hartford, CT.



- 2016 Environmental issues posed by the Dakota Pipeline. Four Stances on Standing Rock: Sustainability, Spirituality, Sovereignty, and Social Justice, Charleston House of Interfaith Cooperation, Trinity College, Hartford, CT.
- 2016 Anthropogenic drivers of hellbender salamander range constriction within the Susquehanna River watershed. Department of Biology Seminar Series, Trinity College, Hartford, CT.
- 2016 Amphibian Extinction Crisis. BIOL 233 Conservation Biology. Department of Biology, Trinity College, Hartford, CT.
- 2016 Vernal Pools. Fishing Creek Watershed Association Meeting, Bloomsburg, PA.
- 2016 Kocher Park Interpretive Poster Project Introduction and Topics. COMMSTUD 106 Small Group Communications. Department of Communication Studies, Bloomsburg University, Bloomsburg, PA.
- 2016 Careers in Environmental Biology. BIOLOGY 105 BAHS Freshman Seminar. Department of Biological & Allied Health Sciences, Bloomsburg University, Bloomsburg, PA.
- 2015 Creating your path in science. Undergraduate Research, Scholarship, and Creative Activity Summer Program Orientation. Bloomsburg University, Bloomsburg, PA.
- 2015 Kocher Park Interpretive Poster Project Introduction and Topics. COMMSTUD 106 Small Group Communications. Department of Communication Studies, Bloomsburg University, Bloomsburg, PA.
- 2015 Frogs, forests, and ephemeral wetlands: How amphibian ecology and the Clean Water Act can support biodiversity conservation. School of Environment and Natural Resources, The Ohio State University, Columbus, OH.
- 2014 Aphrodisiacs, wildlife exploitation, and conservation: How the quest for great sex has impacted biodiversity. BIOLOGY 230 Human Sexuality. Department of Biological & Allied Health Sciences, Bloomsburg University, Bloomsburg, PA.
- 2014 Developing a career in science. Undergraduate Research, Scholarship, and Creative Activity Summer Program Orientation. Bloomsburg University, Bloomsburg, PA.
- 2014 Managing aquatic ecosystems: What we can learn from amphibian movements. BIOLOGY 421/521 Ecosystem Management. Department of Biological & Allied Health Sciences, Bloomsburg University, Bloomsburg, PA.
- 2014 Perspectives and effective strategies from the Bloomsburg community. Building and Sustaining a Scholarly Culture and Community at Bloomsburg University: The Role of Undergraduate Research, Scholarship, and Creative Activity, Bloomsburg University, Bloomsburg, PA.
- 2013 Biology and its sub-disciplines. DEVSTUDY 120 College Reading and Study Skills. Department of Developmental Instruction, Bloomsburg University, Bloomsburg, PA.
- 2013 An introduction to the field of biology. DEVSTUDY 120 College Reading and Study Skills. Department of Developmental Instruction, Bloomsburg University, Bloomsburg PA.
- 2013 Conserving imperiled wildlife and ecosystems (that may exist in your own backyard). Bloomsburg University, Bloomsburg, PA.
- 2013 Conserving imperiled wildlife and ecosystems that may exist in your own backyard. University of Pittsburgh – Bradford, Bradford, PA.
- 2013 Amphibians, wetland delineation, and the Clean Water Act. Natural Resources Seminar Series, Clemson University, Clemson, SC.
- 2013 Amphibian movements, habitat conservation, and policy. WFB 440 Non-game Wildlife Management. School of Agricultural, Forest, and Environmental Sciences, Clemson University, Clemson, SC.

- 2012 Isolated wetlands in the Blue Ridge and Piedmont Ecoregions of South Carolina. FNR 462 Wetland Wildlife Biology. School of Agricultural, Forest, and Environmental Sciences, Clemson University, Clemson, SC.
- 2012 38 years in a river turtle community. WIS 4934 Vertebrates in Lotic Habitats. Department of Wildlife Ecology and Conservation, University of Florida, Gainesville, FL.
- 2011 Conserving imperiled, native wildlife and ecosystems. University of Pittsburgh – Bradford, Bradford, PA.
- 2011 Upstate South Carolina’s small isolated wetlands. Department of Forestry and Natural Resources Seminar Series, Clemson University, Clemson, SC.
- 2011 In search of upstate South Carolina’s small, (more or less) isolated wetlands. FNR 462 Wetland Wildlife Biology. Department of Forestry and Natural Resources, Clemson University, Clemson, SC.
- 2010 Multi-scale conservation: from imperiled species to imperiled ecosystems. Bald Head Island Conservancy, Bald Head Island, NC.
- 2010 In search of upstate South Carolina’s small, (more or less) isolated wetlands. FNR 462 Wetland Wildlife Biology. Department of Forestry and Natural Resources, Clemson University, Clemson, SC.
- 2010 Introduction to Conservation Biology. FNR 102 Forestry and Natural Resources Freshman Portfolio. Department of Forestry and Natural Resources, Clemson University, Clemson, SC.

### ***Technical Advising & Partnerships***

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- Partnership with City of Hartford Parks and Recreation to provide experiential education opportunities for Trinity College students and improve the ecological health of parks within Hartford, CT
- Formed partnership with the City of Hartford Sustainability Coordinator to provide experiential educational opportunities for Trinity College students and improve the ecological health of Hartford, CT
- Formed partnerships with the Simsbury and Windsor Land Trusts to provide experiential educational opportunities for Trinity College students and improve the ecological health of green spaces in the Greater Hartford Area
- Partnership with Friends of Parks groups within the Greater Hartford Area to provide experiential education opportunities for Trinity College students and improve the ecological health of parks within Hartford, CT and neighboring towns
- Partnership with Park Watershed, Inc. 501(c)(3), West Hartford, CT to provide experiential education opportunities for Trinity College students and improve the ecological health of the Park River Watershed which encompasses Hartford, CT and neighboring towns
- Consultant for the Fishing Creek Watershed Association, PA to improve biodiversity conservation and the ecological health of the watershed
- Consultant and Ecosystem Management Plan Coordinator for the Columbia County Conservation District, PA
- Consultant for the Pennsylvania Fish & Boat Commission for Eastern Hellbender (*Cryptobranchus alleganiensis alleganiensis*) conservation in Pennsylvania
- Consultant for the Chest Creek Watershed Association, PA to improve biodiversity conservation and the ecological health of the watershed
- Consultant for the Roaring Creek Watershed Association, PA to improve biodiversity conservation and the ecological health of the watershed

- Consultant for 4 sections across 2 years (2014-2016) of Dr. Shavonne Shorter's COMMSTUD 106 Small Group Communication Course's Kocher Park Interpretive Poster Project; Project was co-designed by Dr. Shorter and myself at Bloomsburg University in order to provide unique interdisciplinary education opportunities and service to the local community, Kocher Park, and the Columbia County Conservation District, PA
- Partnership with the US Fish & Wildlife Service Northeast Fishery Center for implementing collaborative research on Eastern Hellbenders (*Cryptobranchus alleganiensis alleganiensis*)
- Consultant for the US Fish & Wildlife Service for the candidacy and listing of Ozark Hellbenders (*Cryptobranchus alleganiensis bishopi*) under the Endangered Species Act
- Consultant for the US Fish & Wildlife Service for the candidacy and listing of Eastern Hellbenders (*Cryptobranchus alleganiensis alleganiensis*) under the Endangered Species Act
- Consultant for the Saint Louis Zoo's Ron Goellner Center for Hellbender Conservation
- Consultant for the Initiative to Protect Jekyll Island 501(c)(4)

### **Conservation Achievements**

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- Bird-window collision research contributed to a "Lights out Columbia County" policy to help protect migratory birds as they fly through Columbia County, Pennsylvania which is within the Atlantic Flyway
- Postdoctoral research led to the purchase and conservation of land containing critical breeding habitat for imperiled amphibian species by the South Carolina State Park system
- Graduate research supported the 2006 listing of the northern map turtle (*Graptemys geographica*) on the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) Appendix III
- Ozark hellbender (*Cryptobranchus alleganiensis bishopi*) research provided essential habitat data to the Saint Louis Zoo's Ron Goellner Center for Hellbender Conservation, the world's first successful hellbender captive breeding program
- Invited contributor/expert for the completion of a distribution-wide Population and Habitat Viability Assessment (PHVA) for hellbender salamanders (*Cryptobranchus alleganiensis*) in conjunction with the IUCN Conservation Breeding Specialist Group; This work supported the 2011 listing of Ozark hellbenders (*Cryptobranchus alleganiensis bishopi*) as an endangered species protected under the Endangered Species Act

### **Awards, Fellowships, Competitive Teaching Grants, & Merit-Based Scholarships**

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| 2021 | Faculty Development Award, Trinity College, Hartford, CT (Co-PIs: E. Syta, M. Grubb, L. Martinez)  |
| 2021 | The Dean Arthur H. Hughes Award for Achievement in Teaching, Trinity College, Hartford, CT   |
| 2020 | Commendation for Meritorious Service to the Faculty under Extraordinary Conditions in the COVID-19 Pandemic of 2020, Trinity College, Hartford, CT |
| 2018 | Community Learning Initiative Course Development Grant, Trinity College, Hartford, CT  |
| 2018 | Faculty Development Award, Trinity College, Hartford, CT (Co-PIs: M. Grubb, L. Martinez, E. Syta, V. Tomasso, M. Koertner)                         |
| 2016 | Trinity Institute for Interdisciplinary Studies Junior Faculty Research Fellowship, Trinity College, Hartford, CT (Co-PIs: M. Grubb, L. Martinez)  |
| 2016 | Bloomsburg University Outstanding Woman of the Year Award, Bloomsburg, PA  |

- 2015 Bloomsburg University Outstanding Woman of the Year Award for Scholarship, Bloomsburg, PA
- 2008 Live Blue Challenge Winner, 28<sup>th</sup> International Sea Turtle Symposium, Loreto, B.C.S., Mexico
- 2008 Florida Agri-Women Graduate Student Scholarship, Gainesville, FL
- 2007 University of Florida Agricultural Women's Club Graduate Student Scholarship, Gainesville, FL
- 2006 Best Student Paper Award, IUCN Turtle Survival Alliance and IUCN Tortoise & Freshwater Turtle Specialist Group 4<sup>th</sup> Annual Symposium on Conservation and Biology of Freshwater Turtles and Tortoises, St. Louis, MO
- 2006 Social Venture Category 1<sup>st</sup> Place Winner, University of Florida Warrington College of Business Center for Entrepreneurship & Innovation Howard J. Leonhardt Business Plan Competition, Gainesville, FL
- 2006 Joseph and Lillian A. Damon II Scholarship, Gainesville, FL

### ***Select National Professional Development Trainings & Certificate Programs***

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- 2021 Equity Certificate Program, Trinity College, Hartford, CT
- 2013 Beginning a Research Program in the Natural Sciences at a Predominantly Undergraduate Institution, Council on Undergraduate Research Institute, San Diego, CA
- 2013 Principles of Course Design and their Application to Conservation Biology, International Congress of Conservation Biology, Baltimore, MD

### ***Peer Review & Editorial Positions***

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- *Diversity and Distributions*
- *Biological Conservation* (Outstanding Reviewer Status 2017)
- *Forest Ecology and Management* (Outstanding Reviewer Status 2015)
- *Global Change Biology*
- *Ecological Research*
- *Biological Invasions*
- *Animal Biology*
- *Wildlife Society Bulletin*
- *Herpetological Conservation and Biology*
- *Journal of Freshwater Ecology*
- *Environmental DNA*
- *Water, Air, & Soil Pollution*
- *Southeastern Naturalist*
- *Journal of North American Herpetology* (Associate Editor)
- *Northeastern Naturalist*
- *Bulletin of the Florida Museum of Natural History* (Guest Editor)
- *Strategies for Conservation Success in Herpetology* (Book Chapter Reviewer)

### ***Honor & Professional Society Membership***

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- Sigma Xi, The Scientific Research Society
- The Honor Society of Phi Kappa Phi
- Gamma Sigma Delta, The Honor Society of Agriculture
- Delta Epsilon Iota, Academic Honor Society
- Society for Conservation Biology

- Ecological Society of America
- American Society of Ichthyologists & Herpetologists
- International Sea Turtle Society
- Society for the Study of Amphibians & Reptiles
- Cryptobranchid Interest Group
- Partners in Amphibian and Reptile Conservation (National, Southeast, and Northeast Chapters)

### ***Professional Society Leadership Activities***

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- Commission Member, IUCN Species Survival Commission Tortoise and Freshwater Turtle Specialist Group 2017 – 2020, 2021 – 2025; 2020 – Present
- Co-founder and co-chairperson, Northeast Partners in Amphibian and Reptile Conservation Hellbender and Mudpuppy Working Group, 2012 – Present
- Conference organizer, five Annual Herpetology Conferences, Florida Museum of Natural History, University of Florida, 2004 – 2008
- Consultant, 32<sup>nd</sup> Annual Herpetology Conference, Florida Museum of Natural History, University of Florida, 2009

### ***Departmental, Programmatic, and Institutional Service Activities***

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- Dean's Taskforce for Equity in Faculty Workload, June 2022 – Present
- Robin L. Sheppard Field Design Team, Trinity College, February 2022 – Present
- Center for Hartford Engagement and Research Advisory Board, Trinity College, August 2021 – Present
- Athletic Advisory Committee, Trinity College, July 2021 – Present
  - Head Coach Review Process Working Group, March 2022 – Present
- Environmental Science Minor Coordinator, Trinity College, Fall 2021 – Present
- Environmental Science Senior Celebration Coordinator, Environmental Science Program, Trinity College, Spring 2021
- Thomas McKenna Meredith '48 Postdoctoral Fellow in Environmental Science Search Committee, Environmental Science Program, Trinity College, Spring 2021
- Molecular Biologist Faculty Search Committee, Department of Biology, Trinity College, 2020 – 2021
- Bantam Bound Academic Chats with Faculty, Trinity College, October 2020
- Trinity College Faculty Research Committee, Trinity College, July 2020 – June 2022
  - Student Initiated Research Grant Coordinator, Fall 2021 – June 2022
- Environmental Science Virtual Senior Celebration Coordinator, Environmental Science Program, Trinity College, Spring 2020
- Thomas McKenna Meredith '48 Postdoctoral Fellow in Environmental Science Search Committee, Environmental Science Program, Trinity College, Spring 2020
- Tech Savvy Conference Women in STEM Panel Member, American Association of University Women – Connecticut Chapter, Trinity College, March 2020
- Co-host of Trinity Faculty & Staff Coffee Hour, Trinity College, Spring 2020 – June 2022
- Ecologist Faculty Search Committee, Department of Biology, Trinity College, Fall 2019
- Venture Pre-orientation Planning Committee Member, Trinity College, Summer 2019 – Present

- Venture Pre-orientation “Establishing Your Voice in the Classroom” Panel Member, Trinity College, August 2019
- Marine Studies Interdisciplinary Minor Coordinator, Trinity College, Summer 2019 – Present
- Carbon Pricing Forum Planning Committee, Trinity College, Spring 2019
- Faculty Liaison Field Hockey Team, Trinity College, Fall 2018 – Present
- Indigenous Studies Working Group Member, Trinity College, Fall 2018 – Present
- Venture Pre-orientation “Establishing Your Voice in the Classroom” Panel Member, Trinity College, August 2018
- Trinity College Representative, University of St. Joseph’s *Imagine... The Sky’s the Limit 2018 Gala Celebrating Women in STEM*, 8 June 2018
- Thomas McKenna Meredith ’48 Postdoctoral Fellow in Environmental Science Search Committee, Environmental Science Program, Trinity College, Spring 2018
- Visiting Assistant Professor Invertebrate Ecologist Faculty Search Committee, Department of Biology, Trinity College, Spring 2018
- Environmental Chemist Faculty Search Committee, Environmental Science Program and Department of Chemistry, Trinity College, Fall 2017
- Academic Affairs Committee, Trinity College, Fall/Winter 2017
- Climate Change Plus Project Member, Program on Public Values, Trinity College, 2017 – Present
- Trinity College Women’s Leadership Council Alumnae Boston Hike Leader, Ponkapoag Trail, Blue Hills Reservation, Canton, MA, Fall 2017
- Summer Research Program Faculty Mentor, Trinity College, 2017 – Present
- Interdisciplinary Science Program Faculty Mentor, Trinity College, 2016 – 2017
- Environmental Science & Physics Laboratory Manager Search Committee, Environmental Science Program, Trinity College, Spring 2017
- Plant Physiologist Faculty Search Committee, Department of Biology, Trinity College, Fall 2016
- Trinity College Academic Fair Environmental Science Program Representative, Trinity College, 2016-2021
- Bloomsburg University Great STEM Adventure Camp Class Leader, Bloomsburg University, 2015
- College of Science and Technology Research Day Timekeeper, Bloomsburg University, 2015
- College of Science and Technology New Faculty Orientation Ambassador, Bloomsburg University, 2014-2015
- Evaluation Committee – Classroom Visitation Subcommittee, Department of Biological & Allied Health Science, Bloomsburg University, 2013 - 2016
- Undergraduate Research, Scholarship, and Creative Activity (URSCA) Faculty Mentor and Summer Research Program Orientation Speaker, Bloomsburg University, 2014 – 2016
  - 2015 Orientation Presentation: *Creating your path in science*
  - 2015 Served as mentor for new Bloomsburg University faculty member who was new to URSCA
  - 2014 Orientation Presentation: *Developing a career in science*
  - 2014-2016 Served as mentor for Bloomsburg University undergraduate student researchers
- Interdisciplinary Environmental Sciences Professional Master’s Program Development Committee, College of Science & Technology, Bloomsburg University, 2014 - 2016

- Environmental Biology Program Committee, Department of Biological & Allied Health Science, Bloomsburg University, 2013 – 2016
  - Official Environmental Biology Program Contact, 2015-2016
- Graduate Program Committee, Department of Biological & Allied Health Science, Bloomsburg University, 2014 - 2016
- Curriculum Committee, Department of Biological & Allied Health Science, Bloomsburg University, 2013 - 2014
- Majors and Minors Fair Department of Biological & Allied Health Science Representative, Bloomsburg University, 2013-2016
- Academic Advisor, B.S. Environmental Biology Program *and* B.S./B.A. Biology Program, Department of Biological & Allied Health Science, Bloomsburg University, 2013 – 2016

### ***Select Community Outreach & Service Activities***

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- Participated in “Meet a Scientist” zoom session with elementary and middle school students at Berlin Public Schools, Berlin, CT as part of their Women’s History Month celebration, March 2022
- Participated in “Real Scientist Interviews” with high school students for a science class assignment in which they were required to find and interview a scientist who was doing research they found interesting, 2018, 2021, 2022
- Invited host, Participated in a Twitter Takeover of the @HerpetALLogy account in order to help demonstrate that underrepresented groups have a place in the field of herpetology (the scientific study of amphibians & reptiles), 2019
- Invited expert, Designed and implemented an ecological tour of a 95 acre site, Mill Brook Green, in Windsor, to raise awareness of the site’s ecological value and support the efforts of the Windsor Land Trust, Town of Windsor, and The Trust for Public Land in purchasing the property and making it into a public park, 2018. The tour, which preceded the town vote, was well attended by Windsor voters, and voting results revealed unanimous support for the purchase and incorporation of the property into the town park system in 2018
- Designed and implemented the Fishing Creek Watershed Association Guided Nature Walk of Vernal Pools, Bloomsburg, PA, 2016
- Founder, “Use a cloth bag” campaign which was initiated in Gainesville, FL, and adopted and implemented by the non-profit organization Sea Turtles at Risk, Inc. in St. George Island, FL, Founded 2008; <http://www.seaturtlesatrisk.org/plastics.htm>
- Designer and implementer, Environmental education and outreach programs to enrich communities and instigate natural resource conservation, 1990 - Present

### ***Sample of Media Coverage***

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- Trinity College*: ‘From frozen precipitation to sunburns’ in Utah: Environmental Science Trip Embraces Experiential Learning. 15 August 2022. <https://www.trincoll.edu/news/from-frozen-precipitation-to-sunburns-in-utah-environmental-science-trip-embraces-experiential-learning/>
- Trinity Campus Weekly*: Seen on Social: Assistant Professor of Environmental Science and Biology Amber Pitt and students in Trinity’s Environmental Science Program headed outside to conduct some #urbanpond research. 9 April 2021. Trinity Campus Weekly Newsletter.
- WNEP ABC16 The News Station*: ‘Lights out Columbia County’ aimed at protecting migratory birds. 24 March 2021. <https://www.wnep.com/article/news/local/columbia-county/lights-out-columbia->

[county-aimed-at-protecting-migratory-birds/523-a4d0d0c3-6fd6-4c5c-8d4d-78c47064c15e?fbclid=IwAR3ffAb\\_i7wtjG0VhIU mz4nLR2u43A7q\\_xU11ASiDkIg1ciBvV0095Ugf-0](https://www.trincoll.edu/news/trinity-students-and-professor-publish-research-on-river-turtle-conservation/)

- *Trinity College*: Trinity students and professor publish research on river turtle conservation. 26 February 2021. <https://www.trincoll.edu/news/trinity-students-and-professor-publish-research-on-river-turtle-conservation/>
- *Scientific American*: Why some birds are likely to hit buildings. 13 July 2020. <https://www.scientificamerican.com/podcast/episode/why-some-birds-are-likely-to-hit-buildings/>
- *Audubon*: Building collisions are a greater danger for some birds than others. 9 July 2020. <https://www.audubon.org/news/building-collisions-are-greater-danger-some-birds-others>
- *The Wildlife Society*: Building collision survey identifies vulnerable birds. 30 June 2020. <https://wildlife.org/building-collision-survey-identifies-vulnerable-birds/>
- *Hartford News*: What has Trinity College done for Hartford lately? 20 Dec 2018 – 2 January 2019. Page 11. <https://hartfordpublicationscom.files.wordpress.com/2018/10/hn122018web.pdf>
- *Trinity College*: Making a difference- one turtle at a time. 2018. <https://www.trincoll.edu/making-a-difference-one-turtle-at-a-time/>
- *Hartford Climate Stewardship Initiative*: Students explore biodiversity conservation efforts in Hartford. 13 February 2018. <https://hartfordclimate.org/2018/02/13/students-explore-biodiversity-conservation-efforts-in-hartford/>
- *Trinity College Community Learning Initiative*: Designing community learning: “Global perspectives in biodiversity and conservation” with Professor Amber Pitt. 29 January 2018. <https://commons.trincoll.edu/cli/global-perspectives-in-biodiversity/>
- *National Audubon Society*: Proposed federal law could save countless birds from death by glass. 13 October 2017. <http://www.audubon.org/news/proposed-federal-law-could-save-countless-birds-death-glass>
- *Anthropocene Magazine*: An unappreciated threat to birds: window collisions in rural areas. 30 August 2017. <http://www.anthropocenemagazine.org/2017/08/bird-window-collisions-rural-areas/>
- *The Wildlife Society*: Birds at greater risk of hitting windows in rural areas. 8 August 2017. <http://wildlife.org/birds-at-greater-risk-of-hitting-windows-in-rural-areas/>
- *Consortium of Appalachian Fire Managers & Scientists* Featured Article: It’s not easy being green, or brown, or spotted, but controlled burns might not be hard for toads. 8 March 2016. <http://www.appalachianfire.org/research-publications-1/2016/3/8/ujj9b4l6h9aphk306odnfil6thbzf>
- *Bloomsburg: The University Magazine*: Resource grant: Pitt researches salamander’s habitat. Spring 2015. [http://issuu.com/buhuskies/docs/springmag\\_15\\_hirez?e=1999516/13012457](http://issuu.com/buhuskies/docs/springmag_15_hirez?e=1999516/13012457)
- *Bloomsburg University of Pennsylvania Communication Review Quarterly*: Amber Pitt and the Susquehanna hellbender. March 2015. [http://issuu.com/buhuskies/docs/communicationreview\\_1503?e=1999516/11956589](http://issuu.com/buhuskies/docs/communicationreview_1503?e=1999516/11956589)
- *Bloomsburg University of Pennsylvania SCITECH*: Amber Pitt receives a Wild Resource Conservation Grant. January 2015. <http://www.bloomu.edu/documents/publications/CostNews2015Jan.pdf>
- *WUFT News*: UF study shows turtle species still suffering from past harvesting. 10 April 2013. <http://www.wuft.org/news/2013/04/10/uf-study-shows-turtle-species-still-suffering-from-past-harvesting/>
- *Florida Museum of Natural History* Pressroom: Study shows turtle population rebounds from past harvesting; habitat degradation still poses threat. 9 April 2013. <http://www.flmnh.ufl.edu/pressroom/2013/04/09/study-shows-turtle-population-rebounds-from-past-harvesting-habitat-degradation-still-poses-threat/>



- *Florida Museum of Natural History Science Stories*: Museum study shows river turtle species still suffers from past harvesting. 17 January 2013. <http://www.flmnh.ufl.edu/science-stories/2013/01/17/museum-study-shows-river-turtle-species-still-suffers-from-past-harvesting/>
- *Excel News for and about University of Florida Graduate Students*: Turtle trouble: new UF study shows river turtle still suffers from past harvesting. <http://graduateschool.ufl.edu/files/excel-2013.pdf>
- *HerpNation Media*: Impact of harvesting on the map turtle. January 2013. <http://www.herpnation.com/hn-blog/john-c-murphy/impact-of-harvesting-on-the-map-turtle/>
- *Daily KOS Overnight News Digest: Science Saturday Biodiversity*: New UF study shows river turtle species still suffers from past harvesting. 29 September 2012. <http://www.dailykos.com/story/2012/09/29/1138011/-Overnight-News-Digest-Science-Saturday-Streambed-on-Mars-discovered-edition>
- *redOrbit – Your Universe Online*: River turtle population still suffering decades after harvesting. 26 September 2012. <http://www.redorbit.com/news/science/1112701615/river-turtle-population-suffers-decades-after-harvesting-092612/>
- *LabSpaces*: Impact of harvesting on map turtle. 26 September 2012. <http://www.labspace.net/123858/Study-shows-river-turtle-species-still-suffers-from-past-harvesting>
- *Serpent Research*: Study shows river turtle species still suffers from past harvesting. 26 September 2012. <http://squamates.blogspot.com/search?q=pitt>
- *freshare.net* Exploring the Ozarks: River turtle in Ozarks still suffers from past harvesting. 26 September 2012. <http://freshare.net/article/river-turtle-in-ozarks-still-suffers-from-past-harvesting/#.UPlkLGd7xAo>
- *AAAS EurekAlert! The Global Source for Science News*: New UF study shows river turtle species still suffers from past harvesting. [http://www.eurekalert.org/pub\\_releases/2012-09/uof-nus092512.php](http://www.eurekalert.org/pub_releases/2012-09/uof-nus092512.php)
- *HighBeam Research*: New UF study shows river turtle species still suffers from past harvesting. 25 September 2012. <http://www.highbeam.com/doc/1G1-303379210.html>
- *Phys.org*: New study shows river turtle species still suffers from harvesting. 25 September 2012. <http://phys.org/news/2012-09-river-turtle-species-harvesting.html>
- *UPI.com* Science News: U.S. river turtles in population decline. 25 September 2012. [http://www.upi.com/Science\\_News/2012/09/25/US-river-turtles-in-population-decline/UPI-47501348611646/](http://www.upi.com/Science_News/2012/09/25/US-river-turtles-in-population-decline/UPI-47501348611646/)
- *University of Florida News*: New UF study shows river turtle species still suffers from past harvesting. 25 September 2012. <http://news.ufl.edu/2012/09/25/turtle-populations/>
- *ScienceDaily* Science News: Hellbender salamander study seeks answers for global amphibian decline. 19 December 2011. <http://www.sciencedaily.com/releases/2011/12/111219203947.htm>
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