

SHANNON MARIE BESTON

Curriculum vitae

Department of Biology, University of Texas at Arlington
Arlington, TX 76019 USA
e-mail: beston@uta.edu
website: <http://shannonmbeston.weebly.com>

EDUCATION

expected 2019 Ph.D. in Quantitative Biology
University of Texas at Arlington; Advisor: Dr. Matthew R. Walsh
2010 – 2014 B.S. in Biology *with honors*
William Smith College; Advisor: Dr. Susan F. Cushman

ACADEMIC APPOINTMENTS

planned 2017 (Su) Graduate research assistant, National Science Foundation: Testing the influence of long-term ecological change on evolutionary responses in zooplankton
PI: Dr. Matthew R. Walsh
2014-present Graduate teaching assistant, Biology, University of Texas at Arlington
2013 Undergraduate research assistant, Hobart & William Smith Colleges
Supervisor: Dr. Susan F. Cushman
2012 Undergraduate research assistant, Finger Lakes Institute
Supervisor: Dr. Susan F. Cushman

PUBLICATIONS

Peer Reviewed

Beston, S.M., W. Broyles, and M.R. Walsh. 2017. Increased juvenile predation is not associated with evolved differences in adult brain size in Trinidadian killifish (*Rivulus hartii*). ***Ecology and Evolution*** 7(3): 884-894.

Walsh, M.R., W. Broyles, **S.M. Beston**, and S.B. Munch. 2016. Predator-driven brain size evolution in natural populations of Trinidadian killifish (*Rivulus hartii*). ***Proceedings of the Royal Society B*** 283: 20161075.

In Review

Beston, S.M., E. Wostl, and M.R. Walsh. The evolution of vertebrate eye size in response to predation in Trinidadian killifish (*Rivulus hartii*).

Walsh, M.R., **S.M. Beston**, C. Funkhouser, M. Gillis, and M. Packer. *Natural History of the Crustacea, Vol. 5: Life Histories*. Oxford University Press.

GRANTS & AWARDS

2017 National Science Foundation, "Dissertation Research: The evolution of complexity: tests of the ecological drivers of eye size evolution in Trinidadian killifish (*Rivulus hartii*)"; \$19,604
2016 Beta Phi Chapter of the Phi Sigma Biological Honor Society, Research Grant; \$3,000
2015 Beta Phi Chapter of the Phi Sigma Biological Honor Society, Research Grant; \$1,500
2014 Hobart and William Smith Colleges, Environmental Research Fund Grant; \$600
Great Lakes Research Consortium, Student Travel Award; \$250
Hobart and William Smith Colleges, Biology Research Award; \$100
2013 Finger Lakes Research Conference, Best Student Poster Presentation; \$100
2010 Irene Russell Stahl Memorial Centennial Scholarship, Hobart and William Smith Colleges

PRESENTATIONS

Contributed Talks (* co-authored presentation, + poster presentation)

2017 (<i>planned</i>)	Evolution, Portland, OR
2016	Evolution, Austin, TX NY Chapter of American Fisheries Society Annual Meeting, Cooperstown, NY*
2015	Society for Freshwater Science, Milwaukee, WI+
2014	Joint Aquatic Sciences Meeting, Portland, OR Senior Symposium, Hobart and William Smith Colleges, Geneva, NY NY Chapter of American Fisheries Society Annual Meeting, Geneva, NY
2013	Finger Lakes Research Conference, Geneva, NY+ Fall Research Symposium, Hobart and William Smith Colleges, Geneva, NY Northeast Natural History Conference, Springfield, MA* Summer Science Research Symposium, Hobart and William Smith Colleges, Geneva, NY+
2012	Spring Research Symposium, Hobart and William Smith Colleges, Geneva, NY Annual Fall Paper Session of the Rochester Academy of Science, Rochester, NY+ Fall Research Symposium, Hobart and William Smith Colleges, Geneva, NY+ Summer Science Research Symposium, Hobart and William Smith Colleges, Geneva, NY+

Invited Talks

2017 (<i>planned</i>)	Biology Department Retreat, University of Texas at Arlington
2016	STEM Academy, Morristown High School
2014	Board of Trustees, Hobart and William Smith Colleges

TEACHING ACTIVITIES

2017 (S)	Teaching assistant, Evolution, Ecology, & Global Change Laboratory for non-majors
2016 (F)	Teaching assistant, Molecules, Cells, & Disease Laboratory for non-majors
2016 (Su)	Teaching assistant, Evolution, Ecology, & Global Change Laboratory for majors
2016 (S)	Teaching assistant, Evolution, Ecology, & Global Change Laboratory for non-majors
2015 (F)	Teaching assistant, Introduction to Biostatistics
2015 (Su)	Teaching assistant, Introduction to Biostatistics
2015 (S)	Teaching assistant, Molecules, Cells, & Disease Laboratory for non-majors
2014 (F)	Teaching assistant, Cell & Molecular Biology Laboratory for majors

UNDERGRADUATES SUPERVISED

2016 – present	Sara Stearns; Honors College Undergraduate, University of Texas at Arlington
2016	Taryn Flink; Graduate Student, University of Texas at Arlington Kaitlyn Howell; Lab Manager, University of Texas at Arlington
2015	Joseph Sanders; Watershed Stewards Program, California Conservation Corps, AmeriCorps

SERVICE & OUTREACH

2016 – present	Vice President, Beta Phi Chapter of the Phi Sigma Biological Honor Society
2016	Ecofest, Arlington, Texas
2015	Ecofest, Arlington, Texas
2014	Project coordinator, Day of Service, Hobart and William Smith Colleges Student committee for department hire, Hobart and William Smith Colleges Student committee for professor tenure review, Hobart and William Smith Colleges
2013	William Smith Judicial Board, Hobart and William Smith Colleges
2012	Castle Creek Water Quality Educational Outreach Experience, The Finger Lakes Institute Cascadilla Creek Stream Health Educational Outreach Experience, Sciencenter of Ithaca

2011-2014

Co-founder and co-president, Operation Smile Club, Hobart and William Smith Colleges

PROFESSIONAL SOCIETIES

Society for Integrative and Comparative Biology (SICB)

Sigma Xi

Beta Phi chapter of the Phi Sigma Biological Honors Society

Society for the Study of Evolution (SSE)