

REBECCA L. ATKINS

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EDUCATION

PhD in Ecology, University of Georgia	Expected graduation in Summer 2021
B.S. in Wildlife Ecology and Conservation, <i>Summa cum laude</i> , University of Florida	2014
Minor in Fisheries and Aquatic Sciences, University of Florida	2014

RESEARCH EXPERIENCE

Graduate Researcher, Odum School of Ecology, University of Georgia	2015-Present
Lab Technician, University of Georgia, Athens, Georgia	2014-2015
Intern, Gulf of Maine Research Institute, Portland, Maine	2014
Independent Research Project, Swansea University, Wales, UK	2013
Lab Technician, University of Florida, Gainesville, Florida	2012-2013
REU Intern, University of Florida, Sapelo Island, Georgia	2012

PUBLICATIONS

- Atkins, R. L.**, Griffin, J. N., Angelini, C., O'Connor, M. I. and Silliman, B. R. 2015. Consumer-plant interaction strength: importance of body size, density and metabolic biomass. *Oikos*. 124: 1274-1281.
- Davidson, A., Griffin, J. N., Angelini, C., Coleman, F., **Atkins, R. L.** and Silliman, B. R. 2015. Non-consumptive predator effects intensify grazer-plant interactions by driving vertical habitat shifts. *Mar. Ecol. Prog. Ser.* 537: 49-58.
- Atkins, R. L.**, Clancy, K. M., Ellis, W. T. and Osenberg, C. W. 2021. Thermal traits vary with mass and across populations of the marsh periwinkle, *Littoraria irrorata*. *Biol. Bull.* In review.
- Atkins, R. L.** and Osenberg, C. W. 2021. Causes and consequences of intraspecific variation within salt marsh snail populations across space and time. In Preparation.
- Atkins, R. L.**, Hamman, E. A. and Osenberg, C. W. 2021. Spatial variability in a salt marsh consumer. In Preparation.

Selected popular science writing

- "In Defense of Natural History Museums." *Athens Science Observer*, February 2021
- "The Undead Ghost Forests of Georgia." *Athens Science Observer*, February 2020
- "Capturing Creativity." *Athens Science Observer*, December 2019

Atkins, R. 2017. Science and art: A mutualism. *Fisheries*. 42(3): 137-139. [featured on the cover]

Science illustration

- Majewska, A. A. and Altizer, S. 2018. Planting gardens to support insect pollinators. *Conserv. Biol.* 34(1): 15-25.
- Haram, L. E., Kinney, K. A., Sotka, E. and Byers, J. E. 2018. Introduced ecosystem engineer differentially influences the foraging behavior and habitat selection of top predators. *Ecol.* 99(12): 2751-2762.
- Osenberg, C. W. 2018. No clean coal for stream animals. *Nat. Sustain.* 1:160-161.

CONTRIBUTED PRESENTATIONS (of 32; Presentation award noted with '*')

Western Society of Naturalists, Virtual Meeting	2020
Georgia Coastal Ecosystems LTER Annual Meeting	2014, 2016- 2020
Odum School of Ecology Annual Graduate Student Symposium, Athens GA*	2016-2019
LTER All Scientists' Meeting, Monterey, CA	2018
Gordon Research Conference: Unifying Ecology Across Scales, Biddeford, ME	2016, 2018
Benthic Ecology Conference, Corpus Christi, TX*	2018
Benthic Ecology Conference, Myrtle Beach, SC	2017
Benthic Ecology Conference, Portland, ME	2016

Aquatic Biodiversity and Ecosystems Conference, Liverpool, UK*	2015
Southeastern Ecology and Evolution Conference, Athens, GA	2015
Benthic Ecology Conference, Quebec City, CA*	2015
North Florida Marine Science Symposium, St. Augustine, FL	2014
Florida Chapter of The Wildlife Society Annual Conference, Melbourne, FL	2013
Sigma Xi Student Research Conference, Research Triangle Park, NC	2013
Marine Biology Symposium, St. Augustine, FL	2012

ADDITIONAL WORKSHOPS AND CONFERENCES

ComSciCon-Atlanta Science Communication Workshop, Athens, GA	2020
Gender, the Body and Fieldwork Across Disciplines Symposium, Athens, GA	2019
Alliance for the Arts in Research Universities (a2ru) National Conference, Athens, GA	2018
Science Writers Workshop, Athens, GA	2018
Science Communication Workshop, Myrtle Beach, SC	2017
American Ecological Society Annual Meeting, Baltimore, MD	2015
Southeastern Association of Fish and Wildlife Agencies Conference, Oklahoma City, OK	2013
Marine Resource and Population Dynamics Workshop, RTR Program, Long Key, FL	2013
Hugh O'Brian Youth Leadership (HOBY) World Leadership Congress, Washington, DC	2010

TEACHING EXPERIENCE

Teaching Assistant, General Ecology Laboratory (ECOL 3500L)	2020-2021
Module Co-Instructor, Topics in Modern Ecology (ECOL 8000)	2020
Co-Instructor, Cross-disciplinary Ecology (ECOL 8030)	2020
Field Trip Co-Instructor, Marine Ecology (ENVS 385), Emory University	2018
Guest Lecturer, Marine Biology (ZOO 4403C), University of Florida	2018
Guest Lecturer, Field Program in Ecological Problem Solving (ECOL 3300)	2016, 2017, 2018

STUDENT MENTORING (H=High school student, U=Undergraduate)

Center for Undergraduate Research Opportunities Summer Fellowship Student

Jennifer Duncan (UGA)	2020
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Center for Undergraduate Research Opportunities Research Assistantship Students

Jennifer Duncan (UGA)	Spring 2020
William Ellis (UGA)	Spring 2020
Jenny Sycamore (UGA)	Summer 2019
Hend Rasheed (UGA)	Spring 2017

High School Interns

Gracen Dutton (Young Dawgs Program)	Summer 2019
William Ellis (Young Dawgs Program)	2018
Rebecca Templeton (Young Dawgs Program)	2015-2016
Sam Shaffer (Atlanta Girls School)	2016

Senior Thesis Student

Kathleen Clancy (UGA)	2017
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Field/Lab Assistants: Megan Kelley (UGA), Catherine Miller (UGA), Leeann Frank (University of West Georgia), Courtney Gilbert (University of West Georgia), Neeti Pathak (Georgia Tech), Kelly Mayes (UGA)

SELECTED OUTREACH AND SERVICE

Graduate Program Committee , Odum School of Ecology	2020-2021
Co-Lecturer , Pollinator Series, Malcom Bridge Middle School	2020
Prospective Student Committee , Odum School of Ecology	2020
Session Organizer , Gender, the Body and Fieldwork Across Disciplines Symposium	2019
Event Organizer , Art as the Science Lesson Seminar by Dr. Jennifer Seavey	2019
Outreach Volunteer , University of Georgia STEMzone	2017, 2018

Event Organizer , Plastic: Land to Sea Connections Workshop	2017
Mentor , Georgia Coastal Ecosystems LTER Schoolyard Program	2017
Event Co-Organizer , Mapping Your Path in Science: WiSci Career Symposium	2015
Officer , University of Georgia Women in Science (WiSci) organization	2015, 2016
Intern , University of Florida Office of Sustainability	2012-2014
Officer , University of Florida Student Chapter of The Wildlife Society (TWS)	2012-2013
Volunteer , USDA Forestry Service Kids in the Woods Program, Gainesville, FL	2014

GRANTS AND SCHOLARSHIPS

M. K. Pentecost Ecology Fund	2016, 2017
Odum School of Ecology Small Grant	2016
National Science Foundation Graduate Research Fellowship Program Award	2015
University of Georgia Presidential Graduate Fellows Program	2015
British Phycological Society Student Travel Bursary	2015
Challenger Society for Marine Science Travel Award	2015
Association of Fish and Wildlife Agencies Teddy Roosevelt Award	2013
Sigma Xi Grants-in-Aid of Research	2013
University of Florida University Scholars Program	2013
Monica C. Stokely Memorial Scholarship	2013
University of Florida Department of Wildlife Ecology's Jennings Scholarship	2012
University of Florida Doris and Earl and Vernal Lowe Scholarship	2011

PROFESSIONAL MEMBERSHIPS

Coastal and Estuarine Research Federation (CERF)
Southeastern Estuarine Research Society (affiliate society of CERF)
Sigma Xi
Ecological Society of America (ESA)

SKILLS AND SPECIALIZATIONS

Wilderness first aid (May 2018)
First aid (June 2014- June 2016; March 2018- March 2020)
U.S. Coastguard fishing vessel safety (June 2014)
Scuba: NAUI open water certified (April 2012)
Aquatic field skills: electrofishing, gill netting, seining, water quality.
Other field skills: small mammal trapping, plant and animal identification.
Data analysis (univariate and multivariate)
Software: ArcGIS, R, SAS, PC-ORD, Microsoft Office