

Taylor R. Lindsay

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EDUCATION

University of New Hampshire Durham, NH	May 2019
B.S. in Environmental Science; Minor in Oceanography	<i>GPA: 3.92</i>
Honors Thesis: “Improving Undergraduate Environmental Science Education Through Multicultural Work, Interdisciplinary Research, and Service Learning”	
University of Rhode Island South Kingston, RI	Dec 2023
PhD in Biological and Environmental Sciences: Evolution & Marine Science	<i>GPA: 4.00</i>

AWARDS & FELLOWSHIPS

Graduate Teaching Assistantship University of Rhode Island	Aug 2019 - Present
Graduate Research Fellowship Program: Honorable Mention National Science Foundation	April 2020
Presidential Scholarship University of New Hampshire	Aug 2015 – May 2019
Dickie Family Scholarship University of New Hampshire	Aug 2017 – May 2019
Education New Zealand Scholarship Education New Zealand	Jan 2018 – May 2018
Rutman Scholars Initiative Scholarship University of New Hampshire	Jun 2017 & Aug 2018
Wildlife Class of 1974 Scholarship University of New Hampshire	Aug 2016 – May 2018
Unsung Hero Scholarship Elm City Rotary Club	Aug 2016 – May 2017
Keene High School Valedictorian Scholarship Keene High School	Aug 2015 – May 2016

TALKS & CONFERENCES

Undergraduate Research Conference at UNH	April 27, 2019
Poster Presentation and Talk: Improving Undergraduate Environmental Science Education Through Multicultural Work, Interdisciplinary Research, and Service Learning	
EcoQuest Semiannual Research Symposium	May 7, 2018
Talk: “Hochstetter’s Frogs (<i>Leopelma hochstetteri</i>) at Maungatautari Ecological Island”	
Weaving Strands of Knowledge	Nov 30, 2017
Talk: “Connecting Culture and Science to Understand Climate Change” Hosted by UNH Leitzel Center for Mathematics, Science, and Engineering Education, UNH Cooperative Extension, and the UNH Department of Education	
Regional Association for Research in the Gulf of Maine Annual Conference	Oct 12, 2017
Poster Presentation: “Long-term Data Identified Decline in Cover and Differences in Interannual Variability of Foundational Species on Appledore Island, ME”	

SCIENTIFIC RESEARCH

Prada Laboratory URI, South Kingston, RI	Sept 2019 – Present
<i>Advisor: Dr. Carlos Prada</i> Coral morphology & physiology, isotope analysis, genomics	
Ecohydrology Research Technician UNH, Durham, NH	Sept 2016 – May 2019
<i>Advisors: Dr. Heidi Asbjornsen, Dr. Matthew Vadeboncoeur, and Dr. Katie Jennings</i> Independent research project: “Root Ingrowth Drought Resistance” Dendrochronology, decomposition, root ingrowth, and sap flow in drought conditions	
EcoQuest Educational Foundation Kaiarau, New Zealand	Feb – May 2018
<i>Advisors: Jono Clark, Ria Brejaart & Chris Longson</i> Directed research project: “Hochstetter’s Frogs (<i>Leopelma hochstetteri</i>) at Maungatautari Ecological Island”	
Intertidal Ecology Intern Shoals Marine Laboratory, ME	Jul – Aug 2017
<i>Advisors: Dr. Kyla Benes and Dr. Chris Siddon</i> Research focus: “Long-term Data Identified Decline in Cover and Differences in Interannual Variability of Foundational Species on Appledore Island, ME”	

SCIENCE EDUCATION & OUTREACH

- Weaving Strands of Knowledge** La Parguera, Puerto Rico **Sept 2019 – Present**
Advisors: Dr. Andrew Coppens, and Dr. Carlos Prada
Designed undergraduate outreach program in Puerto Rico, focused on scientific outreach, local knowledge on marine resources, and creating podcasts
- Instructor of Record/Teaching Assistant** University of Rhode Island **Aug 2019 - Present**
Introduction to Marine Biology Laboratory; BIO 360
Intertidal Ecology; BIO 416
Introductory Biology Laboratory; BIO 103
- Lab Coordinator** Shoals Marine Laboratory **May - Aug 2019**
Organized and prepared lab spaces for classes and educational programs, guest lectured, and facilitated field research
- Teaching Assistant for Basic SCUBA** University of New Hampshire **Jan – May 2019**
- Student Environmental Action Coalition and SolarFest** **Aug 2015 – May 2019**
Coordinate events on campus focused on sustainability and environmental awareness
- Xi Sigma Pi: UNH's Natural Resources Honors Society** **Sept 2017 – May 2019**
Organize campus cleanups, group learning and social activities, and fundraisers
- Weaving Strands of Knowledge** Goa, India **Jan 2019**
Advisors: Dr. Andrew Coppens, Dr. Sameer Honwad, and Dr. Sara Clarke-Vivier
Funded by an Emeriti Council Student International Service Initiative Grant from UNH
Empowered school children to use podcasting to tell their environmental stories
- Weaving Strands of Knowledge Intern** Norwich, VT and Bhutan **May – Jul 2017**
Advisors: Dr. Andrew Coppens and Dr. Sameer Honwad
Funded by the Museums Connect Program
Traveled to Bhutan to conduct interviews with locals about Environmental change
Created Museum exhibits and presentations using audio recordings
- Teaching Intern at St. Paul's School Advanced Studies Program** **Jun-Jul 2018**
Taught high school students marine biology and created a safe and engaging community through sports, dorm activities, diversity alliance, and other campus-wide activities

OTHER WORK EXPERIENCE

- UNH Admissions - Durham, NH** **February 2016 – December 2017**
Admissions Representative - Provided tours of campus to prospective students and families
- University of New Hampshire – Durham, NH** **May - June 2016**
Orientation leader - Welcomed new students to UNH and helped them prepare for Freshman year
- Applebee's - Keene, NH** **Summer & Winter 2015**
Hostess – Welcomed guests, ensured customer satisfaction, and supported serving staff
- New Hampshire Dance Institute Summer Intensive – Marlborough, NH** **Summer 2012 & 2013**
Camp Counselor – Taught dance classes and supervised elementary aged campers

PROFESSIONAL SKILLS

- Certifications:** AAUS Scientific Diver, NAUI First Aid/CPR/AED
- Lab Skills:** isotope analysis, dendrochronology, soil analysis, marine mammal necropsies, sample preparation,
- Field Skills:** soil sampling, water sampling, population surveying, intertidal ecology sampling,
- Technical Skills:** ArcGIS, Biological statistics, data entry and analysis, podcasting, photography and videography, JMP, Microsoft Excel, Word, and PowerPoint

COURSEWORK

- Marine Science:**
Coral Reef Ecology, Physical Oceanography, Biological Oceanography, Geological Oceanography, Marine Mammals, Underwater Research, Beaches & Coasts, Marine Immersion

Ecology & Environmental Science:

Advanced Evolution, Advanced Ecology, Biogeochemistry, Landscape Ecology, Terrestrial Ecology, Fate & Transport in the Environment, Wildlife Population Ecology, Natural Resources & Environmental Policy, Techniques in Environmental Science, Applied Directed Research Project in New Zealand, Restoration Ecology & Ecosystem Management in New Zealand, Ecology & Biogeography of New Zealand, Geology and the Environment, General Ecology, Introduction to Geographical Information Systems, Calculus for Life Sciences