

EMILY ADLER

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EDUCATION

Ph.D. Candidate	University of Wisconsin – Madison, Madison WI	2022-Present
	Department of Integrate Biology, Minor: Quantitative Ecology Advisor: Anthony Ives Proposed Thesis: Primary consumers and nutrient cycling in Lake Mývatn, Iceland	
B.S., Biology	University of Utah, Salt Lake City, UT	2020-2022
	Focus: Ecology and Evolution	
B.S., Interdisciplinary Studies	University of Central Florida, Orlando, FL	2013-2017
	Focus: Computational Sciences. Minor: Leadership Studies	

RESEARCH EXPERIENCE

Research Technician - Arctic Long Term Ecological Research Project (ARC LTER) Utah State Fish Ecology Lab & Marine Biological Laboratory	Jun – Aug 2022
Undergraduate Research Opportunities Program Scholar Natural History Museum of Utah – Power Paleocology Lab	Aug – May 2022
National Science Foundation Research Experience for Undergraduates Arctic Long Term Ecological Research Project (ARC LTER) Utah State Fish Ecology Lab & Woods Hole Marine Biological Laboratory	Jun – Aug 2021
Research Assistant Natural History Museum of Utah – Power Paleocology Lab	Jan – Jun 2021

PUBLICATIONS

1. Inferring microphyte density and net ecosystem production on soft sediments using Infrared imaging. Anthony R. Ives, **Emily L. Adler**, K. Riley Book, Jamieson C. Botsch, Árni Einarsson, Ian S. Hart, Colin H. Ives, Ian Jin, Amanda R. McCormick, Joseph S. Phillips. *Limnology and Oceanography: Methods*. In Review.
2. Rapid recovery of an arctic lake ecosystem from a pulse disturbance caused by thermokarst failure. Phaedra Budy; Casey Pennock; Sarah Messenger; Hunter Pehrson; **Emily L. Adler**; Gary Thiede; Natasha Christman; Byron Crump; Anne Gilblin; George Kling. *Oecologia*. In Review.

CONFERENCES AND PRESENTATIONS

1. 2024 **Emily Adler** Dynamics and Drivers of Benthic Crustaceans in Lake Mývatn. Mývatn anniversary Conference- Presentation
2. 2022 **Emily Adler**, Casey A. Pennock, Gary P. Thiede, Phaedra Budy. Will Prey Densities be Affected by Thermokarst Failures in Arctic Lakes? ARC LTER meeting February - Presentation
3. 2022 **Emily Adler**, Stella Mosher, Mitchell J. Power Soil geochemistry and charcoal morphotype responses to paleofire in Eilandvlei in the South African Fynbos. AGU Rocky Mountain Section Conference- Poster
4. 2022 Stella G. Mosher, Mitchell J. Power, Lynne J. Quick, J. Tyler Faith, **Emily Adler** *Fire in the Fynbos: A high-resolution investigation into mid-Holocene fire activity at Eilandvlei, southern Cape coast, South Africa.* AGU Rocky Mountain Section Conference- Poster

TEACHING EXPERIENCE

University of Wisconsin – Madison

Teaching Assistant

Introductory Biology 152 Lab	2022
Introductory Biology 152 Lab	2023

SERVICE

Graduate Representative - Center for Ecology and the Environment	2023-Present
Outreach Coordinator - Department of Integrative Biology Graduate Organization	2023-2024
Graduate Representative- Integrative Biology and Botany Steering Committee	Fall 2023

HONORS AND AWARDS

Undergraduate Research Award- \$1200	2021
Dean's List	2021
Career Exploration Scholarship -\$750	2021
Undergraduate Research Award-\$1200	2020

PROFESSIONAL EXPERIENCE

Forestry Intern Brighton Resort	Jan – May 2021
Rangeland Technician, Bureau of Land Management Salt Lake Field Office	April – Nov 2020
Vegetation Management Intern, American Conservation Experience National Park Service	Aug – Dec 2019

AmeriCorps Conservation, Education, and Volunteer Outreach Associate
Southern Appalachian Highlands Conservancy

Aug 2017 – July 2019