

Education

PhD, Penn State University, Expected 2024

- Geosciences
- “Plants, Precipitation, and People: A paleoecological approach to complex dryland ecosystem dynamics”

BS & BA, State University of New York at Binghamton, 2019

- Geological Sciences (BS)
- Anthropological Perspectives (BA)
- *magna cum laude*

Professional Experience

Museums

- 2022: Project Manager, Cretaceous Oceans and Climate Exhibit, College of EMS Museum & Art Gallery, Penn State University
- 2021-Present, Graduate Student Representative to the Museum Advisory Board: College of EMS Museum & Art Gallery, Penn State University
- 2022: Short Course, Evaluating Interpretive Exhibits, Museum Study, September 2022
- 2021: Collections Tour, Cleveland Museum of Natural History, Cleveland, OH

Outreach

- 2022-Present: Volunteer Wildlife Ambassador and Educator, Shaver’s Creek Environmental Center, Penn State University
- 2022: College of EMS Obelisk Society Research Showcase, Presented on behalf of the EMS Museum & Art Gallery
- 2021: Upward Bound Programs, “Climate Change Day” interviews and panel event, Penn State University
- 2021: “Current Science” Presenter, Cleveland Museum of Natural History, Cleveland, OH
- 2021: K-12 Student Project Interview
- 2017: STEM outreach fair, Boys and Girls Club of America, Binghamton, NY

Teaching

- 2022: Teaching Assistant, Geobiology (GEOSC 204), Department of Geosciences, Penn State University
 - Developed two lab assignments in collaboration with the EMS Museum & Art Gallery
 - Taught lab classes through in-person instruction
 - Delivered a lecture on “The Sixth Mass Extinction”
- 2022: Instructor of Record GEOSC 010, Geology of the National Parks, Penn State University Department of Geosciences.
- 2020: Teaching Assistant, Geobiology (GEOSC 204), Department of Geosciences, Penn State University
 - Developed virtual fossil lab assignments
 - Taught lab classes through remote instruction

Research and fieldwork

- 2019- Present: Ancient Socio-ecological Systems in Oman (ASOM) Project, Paleoeological team at Penn State University in collaboration with the archaeological team at Ohio State University and the Oman Ministry of Heritage and Tourism
- 2021: APD Data Steward, African Pollen Database and Neotoma Paleoeology Database
- 2020: Paleoeological Fieldwork, Hyrax midden survey and collection and estuary coring in Dhofar, Oman (ASOM Project)
- 2018 Geological Field School: 4 weeks of geologic mapping, State University of New York at Buffalo
- 2017-2019: Undergraduate Senior Thesis, Time series analysis Ross Sea, Antarctica, Department of Geological Sciences, State University of New York at Binghamton
- 2016-2019: Castro Colonies Archaeology Lab, Department of Anthropology, State University of New York at Binghamton

Mentorship

- 2022: Co-supervised Senior Thesis, PAH extraction and analysis
- 2020-Present: Mentor-Mentee Program Mentor, Association for Women Geoscientists, Penn State University Chapter
- 2021-2022: President, Association for Women Geoscientists, Penn State University Chapter
- 2021: Co-supervised Senior Thesis, Assessing the signal of local vegetation in hyrax middens
- 2019-2021: Mentor-Mentee Program Executive, Association for Women Geoscientists, Penn State University Chapter

Grants and Awards

2022	Krynine Award, Penn State Department of Geosciences
2022	Richard Standish Good Graduate Scholarship, Penn State Department of Geosciences
2022	Richard R. Parizek Graduate Fellowship, Penn State Department of Geosciences
2021	Marilyn L. Fogel Student Research Fund in Biogeosciences
2021	Honorable Mention NSF Graduate Research Fellowship
2020	Elsevier Organic Geochemistry Research Scholarship
2020	RJ Cuffey Fund for Paleontology, Penn State Department of Geosciences
2020	Michael Loudin Family Graduate Scholarship, Penn State Department of Geosciences
2020	Cleveland Museum of Natural History John H. Hoskins Grant-in-Aid Program

Technical Skills

Pollen processing, pollen identification, Accelerated Solvent Extraction (ASE), Gas Chromatography Mass Spectroscopy (GC-MS), Gas Chromatography Flame Ionization Detector (GC-FID), Tilia, R (basic), Neotoma data stewardship