

Faithleigh M. Podzimek
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EDUCATION

M.A. Anthropology

University of Wyoming, Laramie, Wyoming, May 2027 (Anticipated)

B.A. Anthropology

University of Nebraska-Lincoln (UNL), Lincoln, Nebraska, May 2025

Area of Specialization: Archaeology & Indigenous Studies

ACADEMIC HONORS & AWARDS

2025

Priscilla Grew Museum Scholarship Fund, **University of Nebraska State Museum**, UNL, NE

McNair Scholars Program, **Office of Graduate Studies**, UNL. 2022-2025

Dean's List, **College of Arts & Sciences**, UNL. 2021-2025

2024

John R. and Kathleen Hitchcock Memorial Award, **School of Global & Integrative Studies**, UNL.

Undergraduate Creative and Activities Research Experience (UCARE), **Office of Undergraduate Research & Fellowships**, UNL. 2023-2024

2023

Anthropology Excellence Fund Award, **School of Global & Integrative Studies**, UNL.

TEACHING EXPERIENCE

January 2026- Present

Graduate Teaching Assistant, *Introduction to Archaeology* (ANTH 1300), Department of Anthropology, University of Wyoming (UWY), Laramie, WY, January-May 2026.

WORK EXPERIENCE

October 2024- July 2025

Intern, Office of the Native American Graves Protection and Repatriation Act (NAGPRA) Project Manager, UNSM, Lincoln, NE.

- Performed object handling: moving, storing, transporting, and housing objects.
- Produced findings on tribal nations, ancestral lands, and accession and donor filing through archival research.

- Identified and inventoried collection materials into a digital data management program.
- Created a consistent and replicable procedure for inventorying large collections of museum items.
- Obtained in-depth knowledge of the NAGPRA Law and Regulations.
- Gained first-hand experience in conducting NAGPRA within a museum.
- Assisted in Tribal Representative and Professional Consultations.
- Proficient in Microsoft applications, data collection, and management.

June 2023- July 2025

Museum Assistant, University of Nebraska State Museum (UNSM) at Morrill Hall, Lincoln, NE.

- Greeted guests, answered phone calls, processed cash and card payments, and provided information about the museum.
- Maintained a safe and positive environment through frequent walk-throughs and security camera monitoring.
- Aided in upselling and registering memberships to museum patrons.
- Conducted an inventory of merchandise and restocked the gift shop.
- Performed tasks such as cleaning exhibits, operating the planetarium, hosting birthday parties, and gathering and distributing the incoming mail.
- Collaborated with the Education Department to provide engaging and informative tours to local elementary schools.

October 2023- January 2024

Student Worker, Office of the Native American Graves Protection and Repatriation Act (NAGPRA) Project Manager, UNSM, Lincoln, NE.

- Digitized NAGPRA-related material for an accessible archival collection.
- Updated Tribal Historic Preservation Officer (THPO) contact lists of federally recognized tribes.
- Photographed and edited photographs of culturally significant items for the federal register summaries and additional information reports.
- Completed Additional Information Reports by summarizing the collections' history, photographing items of interest, and providing extensive background information on selected items.

FIELDWORK

June 2024- July 2024

Preservation Archaeology Museum Curation and Survey Field School, Archaeology Southwest, University of Arizona, and Western New Mexico University, Silver City, NM.

- Completed course FORS 2993: Workshop: Archaeological Field School (7 credits)
- Participated in a 6-week museum curation experience with a large collection from a 1970s excavation of an AD 700-1130 archaeological site in the US Southwest, including rehousing and data management using PastPerfect software.

- Gained a 6-week laboratory experience, including basic ceramic, flaked stone, and ground stone analysis and animal bone sorting.
- Utilized an experimental archaeology approach in replicating ancient technologies.
- Performed 7 days of archaeological survey experience, including walking transects, site recording with state forms, mapping with survey-grade GPS, rock imagery recording, and in-field artifact analysis for pre-contact and historical-era archaeological sites.

May 2023

Utah Documentation of a Basketmaker Petroglyph Panel, Camp Canyon, San Juan County, UT

- Extensively hiked through Camp Canyon, in southeastern Utah, to an alcove with an inaccessible Basketmaker petroglyph panel.
- Aided in the drone imagery process by positioning a stadia rod and two fixed points for a physical scale.
- Compiled detailed notes of the site, context, and surrounding geological formations.
- Identified the original site number for the alcove.
- Completed an updated site form and submitted it to the Bureau of Land Management.

January 2023- May 2023

Advanced Fieldwork, ANTH 297, UNL, NE.

- Located, documented, photographed, and recorded the presence of archaeological features.
- Utilized various mapping techniques and equipment such as GPS, GIS, topographic maps, Brunton Compass, total station, and a theodolite.
- Performed pedestrian ground surveys and shovel tests.
- Worked as part of a team to set up and excavate 1x1 meter test pits.
- Completed archaeological site forms.
- Photographed, documented, gathered, and washed archaeological material collected.

RESEARCH EXPERIENCE

November 2025- Present

Graduate Researcher, Field Lab, School of Computing, UWY, Laramie, WY.

March 2024- May 2025

Senior Thesis, *Experimental Replication and Use-Wear Analysis of Basketmaker Flaked Stone Disks*. School of Global Integrative Studies (SGIS), UNL, Lincoln, NE.

- Designed and implemented an experimental study to test hypotheses regarding the function of Basketmaker flaked stone disks.
- Experienced in percussion flaking and bifacial reduction techniques using various raw materials.
- Proficient in identifying and distinguishing macroscopic and microscopic morphological changes on stone tools.

- Skilled in using low-power dissecting microscopes and Dino-Lite digital microscopes for detailed artifact analysis and documentation.
- Experienced in recording physical attributes of artifacts using calipers for precise measurements and maintaining photographic logs of experimental stages.
- Performed detailed comparisons between experimental replicated and archaeological specimens to determine potential tool functions and material durability.
- Evaluated the physical properties and durability of lithic materials and their suitability for specific tasks.
- Deep understanding of Basketmaker II and III material culture and rock imagery styles.
- Compiled and analyzed metric data for artifact assemblages, producing descriptive statistics for archaeological specimens.
- Completed and defended a comprehensive written Thesis.

June 2024-April 2025

Undergraduate Researcher, *Mimbres Influence on Iconographic Expressions From the Mimbres Heartland to a Cultural Border Region*, UNL, Lincoln, NE.

- Redocumented, resketched, and reassessed Mimbres Petroglyph panels at NAN Ranch, Faywood, New Mexico.
- Utilized a comparative analysis approach to determine the Mimbres cultural influence on iconographic expression in the Mimbres Heartland to a cultural border region to the west.
- Analyzed the design and stylistic elements of each region, determined the landscape context, gathered an inventory of diagnostic motifs, assessed the physical accessibility of the petroglyph sites, and considered the relationships with additional associated archaeological sites.
- Collaborated and worked as part of a team with a co-author.
- An abstract was submitted and accepted to the 2025 Society of American Archaeology annual meeting.

January 2023-May 2024

Undergraduate Research Assistant, Dr. Phil R. Geib's Lab, School of Global Integrative Studies, UNL, Lincoln, NE

- Analyzed and documented the contents of a Basketmaker III period gourd cache using an industrial Computed Tomography (CT) machine.
- The contents of the gourd were analyzed once the CT images were converted into a digital model that could be manipulated.
- Utilized the software known as VGStudio to digitally analyze the contents of the gourd, revealing a plethora of Olivella Dama shells, yucca cordage, and a drilled stone.
- An experimental archaeology approach was used to replicate the methods used in making an Olivella Dama shell necklace found within the gourd cache.
- Presented research findings at the 2023 annual Nebraska Academy of Sciences Meeting and at the 89th Annual Society of American Archaeology Meeting in New Orleans, Louisiana.

May 2023-May 2024

Undergraduate Research Assistant, McNair Scholars Program Research, Dr. Phil R. Geib's Lab, School of Global Integrative Studies, UNL, Lincoln, NE

- Observed and aided in the drone imaging process of photogrammetry to create a 3D model of an inaccessible Basketmaker petroglyph panel in SE Utah.
- With the guidance of previous literature and a faculty mentor, analyzed the 3D model and classified present motifs into approximate time periods.
- Utilized Adobe Photoshop to increase the clarity of the motifs and Adobe Illustrator to outline and fill their shape.
- Searched and hypothesized possible interpretations of present motifs.
- Presented research findings at the 2023 McNair Summer Research Colloquium, the 2023 National McNair Conference at the University of California, Los Angeles, and the 89th Annual Society of American Archaeology Meeting in New Orleans, Louisiana.

September 2023- May 2024

Undergraduate Research Assistant, Undergraduate Creative and Activities Research Experience (UCARE), Dr. Phil R. Geib's Lab, School of Global Integrative Studies, UNL, Lincoln, NE

- Analysis of a Fremont Flaked Stone Artifact Assemblage.
- Distinguished between stone tools and flake debitage.
- Identified and categorized the debitage depending on the material, cortex, heat treatment, usage, and flake technology.
- Physically analyzed flakes of all sizes utilizing a dissecting microscope.
- Organized, stored, and processed data using the Microsoft Access database.
- Presented results at the 2024 UNL Undergraduate Research Days.

January 2022-May 2023

Undergraduate Lab Assistant, Dr. Leslie Rault's Lab, Department of Entomology, UNL, Lincoln, NE

- Involved in research focused on the analysis and interpretation of *Culicidae* DNA and RNA.
- Extracted female *Culicidae* mosquitoes from the incubation nets for testing.
- Followed protocols and observed example procedures of faculty.
- Assisted in faculty-led projects by extracting gDNA, performing PCR amplification, and gel electrophoresis of *Culicidae* mosquito DNA and RNA.

September 2021-May 2022

TRIO First Year Research Experience (FYRE) Researcher, Dr. Troy Anderson's Lab, Department of Entomology, UNL, Lincoln, NE

- Developed and executed research under the supervision of department faculty.
- Planned and conducted an insecticide Capillary Feeding (CAFÉ) assay research project with *Drosophila Melanogaster*.
- Presented the research as an oral presentation for a FYRE Cohort meeting.

VOLUNTEER EXPERIENCE

2023

Reller Prairie Clean Up, Sprague, NE.

- Cut down and removed Red Cedar trees from the property with various pieces of equipment such as chainsaws, mowers, and handsaws.
- Cleared vegetation along a prospective fence line with handsaws and an industrial mower.
- Built a paneled fence along the edge of the property by marking out and placing each post and attaching fence panels to posts using wire ties.

PUBLICATIONS

2026

Geib, Phil R. and **Faithleigh M. Podzimek** 2026 A Basketmaker III Shell Offering from Old Man Cave, UT: CT Analysis, Radiocarbon Dating, and Experimental Stringing. *Utah Archaeology*. (Recommended for Acceptance, Undergoing final revisions).

PRESENTATIONS

Podzimek, F. (2025, March).

EXPERIMENTAL REPLICATION AND USE-WEAR ANALYSIS OF BASKETMAKER FLAKED STONE DISKS. Senior Thesis Defense, **School of Global Integrative Studies (SGIS)**, University of Nebraska-Lincoln, Lincoln, NE.

Podzimek, F. (2024, July).

MIMBRES PETROGLYPH VARIABILITY AT NAN RANCH, NEW MEXICO. Poster presentation at the 2024 **Archaeology Southwest** Field School Archaeology Fair, Mimbres, New Mexico.

Podzimek, F. (2024, April).

3D DOCUMENTATION OF A BASKETMAKER PETROGLYPH PANEL IN SOUTHEASTERN UTAH. Oral presentation at the 2024 **Society for American Archaeology (SAA)** National meeting, New Orleans, Louisiana.

Podzimek, F. (2024, April). *CT IMAGING ANALYSIS OF PUEBLOAN I GOURD ARTIFACT FROM OLD MAN CAVE, UTAH*. Oral presentation at the 2024 **Society for American Archaeology (SAA)** National meeting, New Orleans, Louisiana.

Podzimek, F. (2024, March). ANALYSIS OF A FREMONT FLAKED STONE ARTIFACT ASSEMBLAGE. Poster Presentation at the **University of Nebraska-Lincoln Undergraduate Research Days**, Lincoln, Nebraska.

Podzimek, F. (2023, August). *3D DOCUMENTATION OF A BASKETMAKER PETROGLYPH PANEL IN SOUTHEASTERN UTAH*. Oral presentation at the 2023 **UCLA National McNair Scholars Conference**, University of California–Los Angeles, Los Angeles, California.

Podzimek, F. (2023, July). *3D DOCUMENTATION OF A BASKETMAKER PETROGLYPH PANEL IN SOUTHEASTERN UTAH*. Oral presentation at the 2023 **McNair Summer Research Colloquium**, University of Nebraska–Lincoln, Lincoln, Nebraska.

Podzimek, F. (2023, April). *CT IMAGING ANALYSIS OF PUEBLOAN I GOURD ARTIFACT FROM OLD MAN CAVE, UTAH*, **Nebraska Academy of Sciences (NAS)**, Nebraska Wesleyan University, Lincoln, Nebraska.