

# Sebastian Wetherbee

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## Education

### MA

#### University of Wyoming, August 2020-December 2022

- Anthropology Major, with a focus in Archaeology
- GPA: 4.0
- Graduate Assistantships awarded:
  - **Fall 2020** semester. Teaching Assistant for ANTH 1300, Intro to Archaeology.
  - **Spring 2021- Spring 2022** semesters. Research Assistant for Professor Todd Surovell. Conducted laboratory analysis of soil matrixes from the La Prele Mammoth Site.
  - **Fall 2021** semester. Teaching Assistant for ANTH 3300 Ethnographic methods.
  - **Spring 2022** semester. Teaching assistant for ANTH 3310 Anthropological Research Methods
- Received a Patrick Mullen Fund for Archaeological Science grant from the Frison Institute of Archaeology and Anthropology on **April 13th, 2021**. This grant was for \$1500 for a project titled "UW Zooarchaeology By Mass Spectrometry Lab Startup."
- Received a William and Gloria Tyrell Fund for Archaeological Science grant from the Frison Institute of Archaeology and Anthropology on **May 13th, 2022**. This grant was for \$1000 for a project titled "Zooarchaeological Analyses at Barger Gulch Locality B".

### BA

#### University of Colorado at Boulder, August 2014- May 2018

- Double Major in History and Anthropology, with a Minor in Geography.
- GPA: 3.79
- Graduated with Distinction
- Received a Hale Esteemed Scholar Scholarship for \$15,000
- Received a \$3,000 Undergraduate Research Opportunity Program grant to participate in the Western Mongolian Archaeology Project, **May 2017- July 2017**
- Founder and President of the Caving Club at CU, a student organization dedicated to educating students about cave environments and leading wild caving trips. **February 2017- May 2018**.
- Completed an archaeological field school

## Work Experience

### Archaeologist GS-11

#### Katmai National Park and Preserve, King Salmon, Alaska, March 2024-Present

Full time permanent position

- Responsibilities included leading archaeological survey, site recording, and excavations in Katmai National Park and Preserve, as well as writing technical site reports, determining site status eligibility, monitoring archaeological sites for damage, and overseeing permitting and compliance with cultural resource management legislation. Work involved travel by small aircraft and boat, as well as working and camping in remote wilderness locations, during multi-week projects.

### **Archaeologist GS-9**

#### **Katmai National Park and Preserve, King Salmon, Alaska, March 2023-March 2024**

Full time permanent position

- Responsibilities included leading archaeological survey, site recording, and excavations in Katmai National Park and Preserve, as well as writing technical site reports, determining site status eligibility, monitoring archaeological sites for damage, and overseeing permitting and compliance with cultural resource management legislation. Work involved travel by small aircraft and boat, as well as working and camping in remote wilderness locations, during multi-week projects.

### **Archaeology Technician GS-7**

#### **Gates of the Arctic National Park, Fairbanks, Alaska, April 2022-October 2022**

Full time seasonal position

- Responsibilities included leading archaeological survey, site recording, and excavations in Gates of the Arctic National Park, and Yukon-Charley Rivers National Preserve, as well as writing technical site reports, determining site status eligibility, and monitoring archaeological sites for damage. Work involved travel by small aircraft, as well as working and camping in remote locations North of the Arctic Circle.

### **Archaeology Technician GS-5**

#### **United States Forest Service, Espanola Ranger District, New Mexico, May 2020-January 2021**

Full time seasonal position

- Responsibilities included archaeological survey, site recording, and excavation on the Santa Fe National Forest. Cultural remains ranged from Paleoindian to Ancestral Puebloan periods. Included use of Trimble Juno 3B GPS units for data collection, navigation with compass and topographic map, and the processing of data in ArcMap, ArcGIS and Avenza. Responsibilities also included preparation of site and project reports, as well as data entry into NRM (Natural Resource Manager), a USDA Forest Service database.

### **Bioarchaeology Collections Intern**

#### **Smithsonian National Museum of Natural History, January 2020- April 2020**

Full time internship

- Conducted a collections survey for the museum's bioarchaeology collection, assessing condition of artifacts, their quality of housing and storage, and their state of preservation. Contributed to a new collections management guidelines document. Measured, analyzed, and photographed artifacts, and assisted with artifact accession.

### **Peace Corps Volunteer**

#### **US Peace Corps, Kingdom of Tonga, September 2018- September 2019**

Full Time volunteer

- English Literacy Facilitator Volunteer, Tufuvai Government Primary School.
- Served as a volunteer attached to a primary school teaching English to students age 5-12
- Responsibilities included introducing student-centered educational approaches, improving teacher's methods and conduct, and working as a community development facilitator.
- Elected by fellow volunteers to serve as a Volunteer Action Committee representative, acting as a liaison between staff members and volunteers from **March 2019-September 2019**.
- Received a \$4,500 Small Project Assistance grant from the Peace Corps to renovate my village's town hall.
- Raised \$450 through private fundraising to purchase 12 new sports uniforms for Tufuvai Government Primary School.

### **Archaeology Laboratory Technician Paleocultural Research Group, September 2014- May 2018**

Half-time student intern

- Non-profit archaeological research organization. 10-20 hours per week.
- Size-graded artifacts and prepared bone, lithic, faunal, and botanical artifacts for analysis.
- Conducted lithic analysis, ceramic analysis, and analysis of faunal and botanical specimens from pre-Columbian Archaeological sites across the Great Plains and Rocky Mountains.
- Photographed artifacts for publication
- Digitized archaeological site maps
- Conducted water flotation on artifacts to separate botanical specimens

## **Stand-Alone Archaeological Expeditions**

### **Interior Alaska Archaeology Expedition, June-July 2021**

Full Time Archaeology Field Technician

- Worked as part of a small crew excavating multiple archaeological sites in interior Alaska near Delta Junction. This project was led by Dr. Briana Doering, in affiliation with the University of Wyoming. Responsibilities included excavating in one meter grid units, recording information, utilizing a total station, and conduction ground penetrating radar survey and auger testing. Required back-country camping and travel by helicopter.

### **Western Mongolia Archaeology Project, Zhuukhangai, Mongolia, May-July 2017**

Full time independent researcher

- This project, led by Dr. Jean-Luc Houle from Western Kentucky University involved extensive field survey and the excavation of multiple Bronze Age burial mounds in western Mongolia.

### **Maya Research Program, Blue Creek, Belize, July-August 2016**

Full Time Student

- Led by Dr. Thomas Gujerdan from UT Tyler, this project involved excavating multiple elite dwellings from the ancient Maya city of Xnoha.

### **Chief Looking's Village Excavation, Bismarck, North Dakota, May-June 2016**

Full Time Volunteer

- Led by Dr. Mark Mitchell from Paleocultural Research Group, this project involved both the use of various remote sensing methods such as magnetometry, ground penetrating radar and the excavation of Chief's Looking Village, a 16th-17th century Native American plains village site.

### **Dry Creek Excavation, Comanche National Grassland, Colorado, August 2015**

Full Time Archaeology Field Technician

- Led by Mark Mitchell from Paleocultural Research Group, this project involved the excavation of a small archaic period Native American site.

### **CU Boulder Archaeological Field School, Pine Ridge Nebraska, June-July 2015**

Full Time Student

- Led by Douglas Bamforth, this project involved the excavation of a small Native American settlement from the late Woodland- early Plains Village periods near Chadron, Nebraska.

## **Academic Publications**

- Wetherbee, S. (2022). The Zooarchaeology of Barger Gulch: A Folsom Campsite in the Rocky Mountains (Thesis). University of Wyoming, ProQuest One Academic.

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## Skills, Certifications and Memberships

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### **Certifications**

- Wilderness First Responder (Longleaf Wilderness Medicine) Exp. 1/10/2024
- Adult and Child CPR/AED Certified (Longleaf Wilderness Medicine) Exp. 1/10/2024

### **Archaeological Skills**

- Archaeological survey using Trimble GPS, compass, and topographic map
- Data entry into Natural Resource Manager (NRM)
- Use of ArcGIS Desktop and Pro, Avenza, Collector, Microsoft Excel, and Microsoft Access
- Familiar with Smithsonian standards for artifact handling and curation
- Use of RStudio for data analysis
- Zooarchaeology by Mass Spectrometry including sample processing and spectrum analysis
- Conducting survey using ground penetrating radar
- Lithic analysis
- Artifact illustration
- Identification of skeletal elements, species, and pathologies

### **Professional Memberships**

- American Institute of Archaeology, Professional Member
- National Speleological Society, Member

### **Languages**

- English
- French
- Tongan