



RESEARCH INTERN POSITION DESCRIPTION

SUMMER 2022

Position Title: Research Intern

Number of positions available: 6

Location: The Mammoth Site of Hot Springs, South Dakota

APPLICATION REQUIREMENTS

Cover letter, current CV/resume, and unofficial university transcript(s) submitted online along with application form. Two (2) academic references are to be emailed to news@mammothsite.org directly from your references with subject line: *Last name, first name_research intern letter of recommendation* (ex: Smith, John_research intern letter of recommendation).

COVID-19 NOTICE

As the COVID-19 pandemic continues to change and evolve, project timelines and structure remain flexible and it may be necessary to postpone start dates or reformulate project descriptions. Should any development in the COVID-19 outbreak impair a project's timeline or results, The Mammoth Site will assess the situation and determine the best course of action at that time.

POSITION DESCRIPTION

Research Interns will spend their time alternating between the fossil prep lab and Bonebed, collections, and the geospacial lab where they will learn the basics of fossil preparation, museum curation, and 3D modeling. **Fossil preparation** includes lab time where interns will learn the basics of fossil preparation such as manual preparation, air scribes, consolidant usage, and archival bedding jackets. Fieldwork within the Bonebed will encompass excavation, field jackets, and in-situ preservation. Within **collections**, interns will learn the best curation practices in collection organization and data management in conjunction with the identification, labeling, and housing of fossil and modern osteological specimens. The **geospacial lab** will cover 3D modeling, printing and maintenance using 3D scanners and printers. Modeling programs include Artec Studio, Autodesk Meshmixer, Cura, and FlashPrint.

The intern's work will contribute towards the conservation, management, research, and interpretation of fossil resources from The Mammoth Site.

QUALIFICATIONS

The participant should be working towards a degree in geology, biology, anthropology, museum studies, or related field, and with at least 3 courses towards their major. Early career and graduate students may also apply. Must have high attention to detail and a working knowledge of animal anatomy and paleontological/geological concepts. Previous fossil preparation experience and/or museum curatorial experience preferred but not required. Must be at least 18 years of age.

Good communication skills and ability to convey scientific concepts are required as interns are expected to interact with visitors of varying ages and backgrounds. Moderate physical activity is to be expected.

This position requires handling of average-weight objects up to 35 lbs and/or standing and/or walking and/or digging on average of four hours per day.

The applicant must be a U.S. permanent legal resident or authorized to work in the U.S. International students must be at least in your second year at a U.S. academic institution, have U.S. citizenship, or previously established, or previously established work visa to be considered. Offers of employment are contingent upon a background check.

VEHICLE AND DRIVER LICENSE REQUIREMENTS

A personal vehicle is RECOMMENDED but not required for this position.

Hot Springs is remotely located within the Black Hills. While the town is small, there are lots of external activities and areas to explore on the weekends within the surrounding region. Some popular destinations include Devil's Tower, Badlands National Park, Custer State Park, Wind Cave National Park, Rapid City, and surrounding area. There are also plenty of trails and fossil prospecting locals within an hour radius. Transportation enables interns the flexibility to travel on their days off.

HOUSING

On-site housing is available and provided at no cost to the participant. Housing consists of two shared houses with living, kitchen and laundry spaces. Participants will have their own private bedroom and attached bathroom when available. Otherwise, each bedroom/bathroom will consist of two interns per unit.

INTERNSHIP DATES

Start Date: May 15, 2022

End Date: August 15, 2022

WAGES AND BENEFITS

\$10.00/hour | 40 hours/week

On-site housing with laundry facilities provided

SUPERVISORS/MENTORS

Tasha Anderson | *3D Technician*

Tabatha Gabay | *Preparator*

Alex Gardner | *Conservator*

Jim Mead, PhD | *Director of Research*

Olga Potopova | *Collections Manager*