

Notational Park Service
U.S. Department of the Interior



White Sands National Monument

Position: Physical Science Technician Summer Seasonal

Salary: Approximately \$13.41 per hour

Time Period: May- August. Starting and ending dates are negotiable

Requirements:

- Must be a US citizen
- Must be a student in an accredited program registered for the fall semester
- Physical ability to stand for long periods of time, walking for distances up to six miles daily, climbing and descending steep inclines, bending, and lifting moderately heavy items.
- Comfortable working in a variety of environmental conditions — both indoors and outdoors.

Duties:

Working under the supervision of the park's Resource Manager, the participant will conduct an on-the-ground paleontological survey of the White Sands National Monument. The participant will examine exposed outcrops of the Otero Formation on the monument documenting and finding new fossilized track ways, as well as bones and teeth of both large mammals and smaller vertebrates and shells of invertebrates. All fossils discovered would be documented using a hand-held GPS unit to establish UTM coordinates (NAD 83 datum) and elevation, and would also be located within the local stratigraphic section of the Otero Formation. The participant will excavate fossils that are at risk due to rapid weathering using standardized data collection procedures and equipment; uses judgment to apply procedures and established techniques to new situations.

Stills Desired: Practical and technical knowledge of the methods, procedures, and technology of paleontology, and the skill to apply that knowledge order to solve practical problems in a wide range of functions. Knowledge of sampling and data collection techniques, including operation of testing and sampling equipment, physical analysis methods, etc. Ability to follow detailed sampling and laboratory procedures, train others to accurately follow procedures, and recognize departures from established quality control/quality assurance guidelines. Basic understanding of the principles and techniques of geology and paleontology to support the broader natural resource function. Knowledge of research techniques and ability to perform research. Skill in using basic hand tools.

How to Apply & Key Deadlines:

*Email your resume and cover letter that states why you are interested in the White Sands National Monument Youth Internship Program to david_bustos@nps.gov by March 2nd, 2012. Write "White Sands National Monument Youth Internship Program application" in the subject line.

*If you have any questions about the internship, please call David at 575-679-2599 ext. 225

Or email david_bustos@nps.gov.

***All applications must be received by 4 pm on Friday March 2nd, 2012**