



2017 – GEOSCIENTISTS-IN-THE-PARKS PROJECT DESCRIPTION

NPS UNIT: LASSEN VOLCANIC NATIONAL PARK	PD #: 2017042 & 2017069
<p>Position Title: Resource Management Assistant (2 positions) Position Type: GIP Intern Primary natural resource discipline: Biological resources Location: 38050 Hwy 36 E. Mineral CA 96063</p>	
PROJECT DESCRIPTION AND WORK PRODUCTS	
<p>Position Description: The selected intern will work in the Division of Resource Management and will focus on various natural and cultural resource inventory, monitoring, restoration, and research projects. Work will occur as an individual and in a team setting; field and office based; and conducted throughout Lassen Volcanic National Park. The intern will be assigned 1-2 principal projects based on the intern’s interest and experience, but will also assist with other resource management projects and routine activities as necessary. Projects could include: geologic/hydrologic feature assessment, wildlife monitoring, non-native plant mitigation, botany, native plant/habitat restoration, GIS and data management, collections management, archaeology, wilderness character monitoring, and development of resource briefs.</p> <p>Upon successful completion of the GIP internship, the participant is eligible for an AmeriCorps Education Award. This position is offered through the National Park Service's Geoscientists-in-the-Parks Internship Program in partnership with Environmental Stewards and The Geological Society of America.</p> <p>Work Products: Final materials produced will be dependent on what specific project is assigned to the intern. Deliverables for natural resource management could include measurable acres treated or restored (related to plants); completion of annual monitoring protocols (wildlife monitoring); or assessment reports on wilderness/lakes/geologic features. GIS projects will result in data layers, database, and/or a final map illustrating project work. Intern will be expected to complete a 1- 2 page resource brief regarding each principle project.</p>	
QUALIFICATIONS	
<p>Applicants must have completed at least three years toward an undergraduate degree in geology, natural resources, cultural resources, or a related field. Applicants must have an interest in and ability to work in a rural, mountainous location; must be physically able to work in rugged terrain and extreme temperatures; must have an ability to work well independently and with little supervision; and must possess good computer and organizational skills.</p> <p>The applicant must be a U.S. citizen or U.S. permanent legal resident (“green-card-holder”) between the ages of 18 and 35 years old. Prior to starting this position a government security background clearance will be required.</p>	

VEHICLE/DRIVER'S LICENSE REQUIREMENTS
Applicant must have a valid driver's license and a good driving record. If the GIP is required to drive a park vehicle for their position, a driving records search will be performed and the GIP's ability to drive a park vehicle will be contingent upon the results. Examples that will preclude a GIP from driving a park vehicle include DUIs, multiple moving vehicle violations, suspended or revoked license, or three or more accidents (regardless of fault) in the last 3 years.
HOUSING
Park housing is provided at no cost to the participant. The park will provide housing at park headquarters in Mineral, CA. Housing is typically dorm room style, such as a 3-bedroom, historic, Mission 66 style house with living room, kitchen, and bathroom. Housing is shared with other staff/visiting crews and is within a 5 minute walk to park offices. Water, gas, and electricity are provided. Laundry and internet are provided in separate communal areas. Linens are not provided and cell phone coverage is limited.
INTERNSHIP START/END DATES
Start Date: 6/5/2017 End Date: 8/26/2017 Number of weeks: 12 Are these dates flexible? Yes
STIPEND PAYMENT
\$3,600 for 12 weeks
HOUSING PAYMENT
TRAVEL ALLOWANCE
\$250 to duty station \$500 during position (\$750 total)
PHYSICAL/NATURAL & WORK ENVIRONMENT
Physical/Natural Environment: Lassen Volcanic National Park encompasses about 106,000 acres of a dynamic volcanic landscape in northern California at the southern extent of the Cascade Range. The park was established as a unit of the national park system in 1916 shortly after a series of highly-publicized, massive volcanic eruptions of Lassen Peak in 1914 and 1915. The park includes hydrothermal areas, forested wilderness, backcountry lakes, streams, and waterfalls, impressive vistas, campgrounds, and over 150 miles of hiking trails. Elevations range from 5,650 feet to 10,457 feet and a wide variety of weather conditions occur in Lassen Volcanic NP. Between May and August temperatures can be as low as 30 degrees and highs near 90 degrees, with daily fluctuations of 40 degrees. Expect all weather conditions during the summer (rain, snow, intense sun, storms, etc.). Also, expect a 5° temperature decrease for every 1,000 foot increase in elevation. There are limited facilities in or near the park, which are located at the Visitor Center and local lodges. It is a 45-50 minute drive to the nearest town (Chester or Red Bluff) where groceries, gas, and other services are available. Redding and Chico, California are large, nearby cities with the most amenities, but are a 1.5 hour drive from park housing. Work Environment: Work will be split between the office and field. In most cases this will be equal, but specific projects may require more field based work. Lassen Volcanic National Park has both rugged, remote backcountry and frontcountry areas with high visitation. Intern must be able to travel through and work in remote areas and to navigate rugged terrain. Some project work will require heavy lifting or carrying of heavy packs for miles. Temperature and weather extremes are common during work periods (see physical and natural environment).
MENTORING AND LEARNING GOALS
Mentoring: The selected applicant will work directly for a Resource Management staff member (Terrestrial Ecologist, Wildlife Biologist, or Archeologist) and will collaborate with all Lassen Volcanic National Park Resource Management division staff. NPS staff will work closely to identify goals and identify benchmarks of success with

this position. Resource staff will provide training on park protocols, safety, and general park information. Any required skills for a project will be addressed via training and self-learning.

Learning Goals: The principal learning goals for the intern focus on an introduction to: resource management, government employment, the history and resources of Lassen Volcanic National Park, and implementation of park specific protocols. Interns will learn common plants and wildlife of Lassen, wilderness management concepts, and basic principles of natural and cultural resource management. The intern will also receive a series of trainings focused on safety, backcountry travel, radio use, and operation of government vehicles.

SUPERVISORS	
Primary Supervisor: Jason Mateljak	Secondary Supervisor: Steve Buckley
Title: Chief of Resource Management	Title: Ecologist & Botanist
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