



GEOSCIENTISTS-IN-THE-PARKS Internship Program

PROJECT DESCRIPTION 2020 SPRING/SUMMER

NPS UNIT: LASSEN VOLCANIC NATIONAL PARK	PD #: 2020044
<p>Position Title: Natural Resource Management Assistant (1) Position Type: GIP Intern Primary natural resource discipline: Biological resources Project keywords: wildlife surveys, GIS, resource management, science communication, wilderness, and remote sensing cameras Location: Mineral, California</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: wildlife inventory and monitoring, botany, native plant/habitat restoration, GIS and data management, collections management, wilderness character monitoring, and development of resource briefs.</p> <p>Project work completed by the GIP will directly contribute to preservation of resources at Lassen Volcanic NP. Specifically, they will assist in the implementation of a series of monitoring and treatment projects, such as Sierra Nevada Red Fox, Pika, and Bat monitoring, rare plant surveys, which will improve park knowledge or the condition of resources.</p> <p>This position is offered through the National Park Service's Geoscientists-in-the-Parks (GIP) Internship Program in partnership with Stewards Individual Placement Program (Stewards) and The Geological Society of America (GSA).</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; 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. The 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 environmental science, biology, 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>	

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.

VEHICLE/DRIVER LICENSE REQUIREMENTS

Applicant must have a valid driver license and a good driving record. Intern will be driving a park vehicle to conduct field work.

A personal vehicle is RECOMMENDED but not required for this position. Due to the remoteness of the duty station (30-45 miles) from basic amenities (groceries, gas, etc.) a personal vehicle is highly recommended.

If the GIP is required to drive a park vehicle for their position, Stewards will perform a driving records search, and the GIP’s ability to drive a park vehicle during work hours will be contingent upon the results. GIPs will have to have had their license for 3 years or be over the age of 21 to be insured as drivers under Stewards insurance policy. Examples of things that will preclude a GIP from driving a park vehicle include: GIP under the age of 21 years old that has been licensed less than three years, DUIs, multiple moving vehicle violations, suspended or revoked license, or three or more accidents (regardless of fault) in the last 3 years. If the driver’s search is favorable, Stewards will provide driver’s liability insurance while the intern is driving a NPS vehicle for their GIP position. If the GIP is denied coverage by Stewards, they will not be permitted to drive during work hours.

HOUSING

Park housing is available and will be 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. There are typically two persons per room (shared rooms) and generally, 5-6 persons per house. Housing includes basic furniture and kitchen appliances, but the intern will need to provide their own bedding, kitchen utensils, etc. There are very limited amenities nearby, internet is only available in employee lounge, and limited cell phone reception.

INTERNSHIP DATES

Start Date: 6/8/2020

Number of weeks: 12 weeks

Flexibility of dates: Yes

LIVING ALLOWANCE

12 weeks (\$350/week = \$4,200)

RELOCATION ALLOWANCE

\$250

AMERICORPS PROGRAM



AmeriCorps is a program that engages individuals in intensive community service work with the goal of “helping others and meeting critical needs in the community”. The GIP Program is supported through AmeriCorps by providing a Segal Education Award in addition to the GIP’s living stipend and relocation allowance.

Upon successful completion of the GIP position, the GIPs (AmeriCorps members) are eligible for a \$1,638 - \$6,195 pre-tax education award that can be used for paying back student loans or for continuing their education. The amount of the education award is based on the length of the position.

AmeriCorps limits the number of terms an individual can serve to 4 terms. If an applicant has previously completed 4 GIP or other AmeriCorps positions, they will not be eligible to apply for an additional GIP position.

NATURAL & PHYSICAL WORK ENVIRONMENT

Natural Environment: Lassen Volcanic National Park is a largely undiscovered gem of the National Park Service. Situated where the Cascade and Sierra Nevada Ranges meet, it contains a wonderful diversity of mixed conifer forests, lakes, streams, alpine fell-fields, and meadows resplendent in summer wildflowers and butterflies. Various types of volcanoes dominate the landscape, as well as active hydrothermal features like steam vents and mud pots. Recreational opportunities abound, with cross-country skiing and snowshoeing in the winter, and hiking, camping, backpacking, fly-fishing, and kayaking in the summer. Boating is available on nearby Lake Almanor or the Sacramento River. Weather during the summer can range from highs of 85 degrees to lows of 35 degrees and snow can persist in the park into August. The work setting will range from 4,870 ft. (office) to 10,462 ft. (Lassen Peak) in elevation. Amenities are limited in Mineral, CA with only a couple lodges, a small camper store, and no gas station. The nearest full amenities are in Chester, CA or Red Bluff, CA, which are 35 and 45 miles away, respectively.

Physical 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. The intern should expect have to travel through hazardous volcanic terrain in inclement weather. Being a high elevation park, temperatures can range considerably during the day and season, so be prepared for both cold and hot environments.

MENTORING AND LEARNING GOALS

Mentoring: The selected applicant will work directly for a Resource Management staff member (Terrestrial Ecologist, Wildlife Biologist, or Wilderness Coordinator) 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. Intern will be participate in Lassen’s two-day seasonal training and Operational Leadership course. Any additional 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. There is potential for the intern to receive training in GIS and GPS, particularly related to field data collection.

SUPERVISORS

Primary Supervisor:

Mike Magnuson
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Secondary Supervisor:

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