



GEOSCIENTISTS-IN-THE-PARKS Internship Program

2019 – PROJECT DESCRIPTION FALL/WINTER SEASON

NPS UNIT: CORONADO NATIONAL MEMORIAL	PD #: 2019410
<p>Position Title: Natural Resource Management Assistant (1) Position Type: GIP Intern Primary natural resource discipline: Geologic resources Project keywords: Cave monitoring and restoration, native plant/habitat restoration, GIS and data management, geohazard monitoring, imagery analysis, air quality monitoring, border impacts assessment and mitigation, landscape photography, analyzing/summarizing past research Location: Hereford, Arizona</p>	
PROJECT DESCRIPTION AND WORK PRODUCTS	
<p>Position Description: The National Park Service’s Southeast Arizona Group (SEAZ) includes Coronado National Memorial, Chiricahua National Monument, and Fort Bowie National Historic Site. The trio of parks are managed by one leadership team, headed by a superintendent. The selected GIP 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 primarily at Coronado National Memorial, but will also include participating in projects at Chiricahua National Monument and Fort Bowie National Historic Site.</p> <p>The intern will be assigned 1-2 principle 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: cave monitoring and restoration, geohazard mapping, native plant/habitat restoration, GIS and data management, imagery analysis, air quality monitoring, archaeological site monitoring and condition assessments, border impacts assessment and mitigation, landscape photography, analyzing/summarizing past research, archiving resource management publications, reports, and other written documents.</p> <p>The work accomplished by the intern will tie into the NPS mission of preserving the natural and cultural resources for the enjoyment, education, and inspiration of this and future generations by focusing on the restoration and monitoring of these 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: Intern will be expected to document work, create standard operating procedures (SOPs) when needed, and contribute collected data to final reports.</p>	
QUALIFICATIONS	
<p>Applicants must have completed at least three years toward an undergraduate degree in geology, environmental science, natural resources, or a related field. Applicants must have an interest in and ability to work in caves and in a rural location, must be physically able to work in rugged terrain, extreme temperatures, and tight places. Applicants must have the ability to work well independently and with little supervision, and good 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. Interns will drive between SEAZ group parks and to field sites in each park. Some of the roads are not paved and 4-wheel drive experience is encouraged but not necessary.

A personal vehicle is RECOMMENDED but not required for this position. A personal vehicle is not required, but is recommended for travel to nearby communities for groceries, etc. and for exploring Arizona during time off. If interns do not bring a vehicle, they will have to rely on other park residents for trips into town. However, at times, there may only be a few other residents in park housing, making ride-sharing more difficult. On average, residents tend to enjoy their experience more when they have a personal vehicle.

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 a private room in a 3-bedroom ranch house. Housing is shared with other staff and visiting crews. Houses contain a kitchen with amenities and in unit washer and dryer. The intern should plan to bring their own queen-sized bedding, toiletries, and kitchen dishwares such as pots, pans, plates, and silverware.

INTERNSHIP START/END DATES

Start Date: 11/4/2019

Number of weeks: 20 weeks

Flexibility of dates: Yes

LIVING ALLOWANCE

20 weeks (\$350/week = \$7,000)

RELOCATION ALLOWANCE

\$250 (mainland only)

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 \$1,612 - \$6,095 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: Coronado National Memorial is located 27 miles south of Sierra Vista, Arizona at the southern end of the Huachuca Mountains, one of the region's sky island mountain ranges. Topography in most parts of the memorial is steep, climbing from 4,593 feet (1,400 m) in the grassland plain to 7,709 feet (2,350 m) at Montezuma Peak. The geology of the area is complex, with high angle reverse vaults juxtaposing sedimentary, igneous, and metamorphic rocks. Chiricahua National Monument is located 37 miles from Willcox, Arizona (population 3,700). Chiricahua contains rhyolitic rock formations (pinnacles, spires, balanced rocks) found nowhere else and protects richly diverse cultural resources, including evidence of prehistoric occupation, early western ranch settlements, and classic structures built by the Civilian Conservation Corps. Elevation at headquarters is 5,100' with temperatures ranging from 60-100 degrees in the summer and 0-50 degrees in the winter. Cooler temperatures are expected at higher elevations.

Physical Work Environment: Office and field work required. Prospective participants are advised that due to its location near the international border with Mexico, conditions for conducting work are unique. Illegal activity takes place throughout the park in the form of drug smuggling and illegal immigration. Employees must take extra precautions to assure the security of their equipment, vehicles, and persons. Some areas within the park may be periodically closed due to border-related safety concerns. Collaboration with park’s law enforcement will be necessary to safely conduct field work.

MENTORING AND LEARNING GOALS

Mentoring: The program staff mentor will provide an orientation to the three park units and required duties. Throughout the internship the mentor will provide project oversight and work directly with the interns. The interns will also occasionally work on small projects with other resource management staff, SEAZ trail crew, and interpretation staff, adding to their learning and professional development.

Learning Goals: The interns will develop a variety of new skills due to the multidisciplinary nature of this position. They will have many opportunities to complete hands on and computer based training throughout the internship. Working on projects in three national park units with various resource management staff, SEAZ trail crew, and interpretation staff will allow many chances for professional development.

SUPERVISORS

Primary Supervisor:

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