



GEOSCIENTISTS-IN-THE-PARKS Internship Program

PROJECT DESCRIPTION 2020 WINTER

NPS UNIT: GLACIER NATIONAL PARK	PD #:
<p>Position Title: Biology Assistant Position Type: Guest Scientist. Guest Scientist internships are usually filled by students or recent graduates with a higher level of expertise or experience. A limited number are open to persons older than 35 years old. Location: West Glacier, Montana</p>	
PROJECT DESCRIPTION AND WORK PRODUCTS	
<p>Position Description: Glacier National Park's Citizen Science Program, coordinated by the Crown of the Continent Research Learning Center (CCRLC), engages park visitors, local community members, and students in research, fostering science literacy and resource stewardship among participants. We are seeking an innovative and dedicated Geoscientists-in-the-Parks Guest Scientist to bring our work up to date with current technology for citizen science and to pioneer new technologies to assist us with managing the enormous volume of data generated by the program. The intern will also work to raise the bar on our data quality assurance/ quality control and will develop communication products for sharing our data on mountain goats, pikas, common loons, raptors, and huckleberries with the public and park managers. We will also develop protocols and data collection tools for a river recreation and a winter wildlife monitoring program.</p> <p>Primary Objectives and Work Products:</p> <ul style="list-style-type: none"> • Finalize and recap launch of Survey 123 app for Common Loon surveys and planning tool webmap • Develop GIS maps and webmapping tools to share wildlife monitoring results with the public • Infographics (508 compliant) and data summaries to share bioblitz and wildlife monitoring results with the public • Finalize and test beta test version of Survey 123 mobile data collection app for mountain goat population and genetics monitoring • Finalize protocols and data collection app for river recreation monitoring • Develop data quality assurance workflows and queries for large volumes of citizen science data • Research apps and existing projects for winter wildlife and recreation use monitoring. Present to park management on best options. • Inclusion of reports described above in our annual technical report which is catalogued in NPS IRMA • Submit results for web content on the Park's website and the NPS Citizen Science webpages 	
QUALIFICATIONS	
<ul style="list-style-type: none"> • GIS experience • Science communication and/ or science education experience • Experience working with apps • Experience with community outreach, volunteer coordination and/or crew leadership 	

- Experience with data collection following detailed Standard Operating Procedures, and general attention to detail
- Ability to conduct moderately strenuous field work, hike up to 12 miles a day and be comfortable in remote backcountry settings

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. A driver license is required for use of government vehicles to conduct training programs, collect field data and attend meetings. A personal vehicle is recommended but not required for this position.

HOUSING

Park housing is available and will be provided at no cost to the participant.

INTERNSHIP DATES

Start Date: 10/27/2020
 Number of weeks: 26 weeks
 Flexibility of dates: Yes

LIVING AND TRAVEL ALLOWANCE

26 weeks (\$400/week = \$10,400); \$250 for travel to duty station

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.

Public Land Corps

The Public Land Corps (PLC) authority grants non-competitive hiring status to former PLC members between the ages of 16 to 30 who have served a minimum of 640 hours of satisfactory service on an appropriate conservation project that included at least 120 hours through the PLC, and meet all eligibility requirements. Eligibility period is 2 years from the date of PLC project completion.

TO APPLY:

Please send the following documents by COB January 20, 2020



- Resume detailing your relevant experience.
- Cover letter
- Supplemental essay questions (Limit 300 words each):
 - Discuss how your experience and interests align with the primary objectives for this Guest Scientist Position
 - Discuss why you feel that public engagement in research and science literacy is important

Please send to: glac_citizen_science@nps.gov

For more information about the program hosting the internship:

<https://www.nps.gov/rlc/crown/citizen-science.htm>