



2017 – GEOSCIENTISTS-IN-THE-PARKS PROJECT DESCRIPTION

NPS UNIT: DENALI NATIONAL PARK AND PRESERVE	PD #: 2017018
<p>Position Title: Avian Biological Technician Position Type: GIP Intern Primary natural resource discipline: Biological resources Location: Denali National Park Mile 237 Park's Highway, AK 99755</p>	
PROJECT DESCRIPTION AND WORK PRODUCTS	
<p>Position Description: Duties of this position include assisting with surveys to conduct long-term monitoring of birds at Denali National Park as well as ongoing avian research projects. The intern will conduct very early morning (2am) acoustic surveys for songbirds on and off-road in Denali and will assist in capturing birds for a migration study. The intern will be responsible for conducting field work as well as managing data and producing an education or outreach tool related to one of the avian studies.</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: Outreach or education tool or product; avian research and monitoring data.</p>	
QUALIFICATIONS	
<p>Qualifications include a degree in biology, experience working or recreating outdoors, and a strong interest in avian ecology. Experience conducting research or monitoring on birds, using a GPS unit to navigate and collect data, and/or recording biological data in the field is a plus but not required. Must be able to hike long distances over uneven undeveloped terrain carrying a pack, travel safely in remote areas with wildlife including bears, tolerate a wide range of temperatures as well as biting insects, and have a valid driver's license.</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	
<p>Applicant must have a valid driver’s license and a good driving record. Driver's license is required for conducting field work in a government vehicle. Personal vehicle is not required but may be helpful for getting groceries, etc. from Fairbanks or travelling on days off.</p> <p>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.</p>	
HOUSING	
<p>Park housing is provided at no cost to the participant. Housing will either be in a shared cabin with private room</p>	

or dorm style private bedroom. In cabins kitchen and living area will be shared with one roommate. Grey water system only with a bathhouse available for showers and laundry. In dorm style room, kitchen is not available and cooking in the room is not permitted but a meal plan is available.

INTERNSHIP START/END DATES

Start Date: 5/1/2017
End Date: 7/21/2017
Number of weeks: 12
Are these dates flexible? Yes

STIPEND PAYMENT

\$3,600 for 12 weeks

HOUSING PAYMENT

TRAVEL ALLOWANCE

\$1,000

PHYSICAL/NATURAL & WORK ENVIRONMENT

Physical/Natural Environment: Denali National Park is located in Interior Alaska. Interns should expect snow and rain as well as heat and mosquitoes. Denali is a wilderness park that includes large mammals such as bears and moose that may pose a risk. Denali is mountainous and has limited developed trails or roads. Denali is located 2.5 hours south of Fairbanks which is the closest large town with shopping. In the summer, Healy and the park have some limited groceries and health clinics available.

Work Environment: Office will be in a cubicle or shared office space. Interns will be required to spend some time in the office dealing with administrative and data management duties; however, most of the work hours will be spent outdoors in the park. Bird survey and research work requires very early mornings and long days spent outside in all types of weather. Work will require hiking across mountainous terrain as well as some nights in cabins or camping within the park.

MENTORING AND LEARNING GOALS

Mentoring: The intern will be supervised by the park Ecologist as well as the Avian Biologist that acts as the lead in the field. The intern will gain experience working with a graduate student as well as academic and agency partners.

Learning Goals: Interns will learn to identify passerine birds by sight and sound, bird capture and handling techniques, how to perform biological field work in remote wilderness areas of Alaska, data entry and management techniques, and NPS policies.

SUPERVISORS

Primary Supervisor: Laura Phillips	Secondary Supervisor: Emily Williams
Title: Ecologist	Title: Avian Biologist
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Park or Program Website: https://www.nps.gov/dena/learn/nature/birds.htm	Park or Program Website: https://www.nps.gov/dena/learn/nature/birds.htm