

Botany/Range Management Intern

Goals/Outcome of Position:

This internship is an opportunity to get exposure to and experience working in Natural Resources Management within the National Park Service (NPS). Specifically, the intern will work under the technical guidance of the Range Management Program and the Vegetation Management Program of the Natural Resources Division at Point Reyes National Seashore. Because of the range of activities that the intern will engage in, this internship will provide a broad view of different aspects of the National Park Service and will be especially beneficial to those considering job opportunities in the environmental sciences within NPS.

Position Description: The Botany/Range Management Intern will assist on a variety of rare plant and range management project at Point Reyes National Seashore. They will also assist with a week-long Science Education program at the Seashore. The intern will be an employee of the Point Reyes National Seashore Association (PRSNA) and PRNSA staff will act as the direct supervisor while NPS staff will provide day-to-day technical guidance in the field.

- **Rare Plant Program:** The first two months of the internship will be focused on assisting with several endangered plant projects at the Seashore. Intern will (1) assist with monitoring three endangered plant species and surveying for other rare plants; (2) assist with plant community monitoring at rare plant sites; (3) assist with rare plant studies including taking samples, repairing exclusion fencing and cages, (3) assist with data entry of monitoring data, validation of data, and cleaning up of existing databases., (4) map sites using GPS equipment and create maps and geodatabases using GIS software (4) assist with other resource management activities, including, but not limited to, invasive species removal, and overseeing volunteer efforts.
- **Range Management Program:** The second half of the position will be with the Range Management Program. The Range Management program is responsible for managing the pastoral zone in Point Reyes National Seashore (approximately one-third of the Seashore's land) in a manner that will provide environmental protection and restoration of those lands while maintaining working dairy and beef cattle ranches. The intern will assist with various projects taking place on park rangelands, which may include monitoring of range resources such as vegetation, residual dry matter, water features and fence lines, as well as construction, repair and/or removal of fence lines, and mapping (using GPS/GIS). The intern may also assist with the Native Plant Seed Collection Program, collecting seed from target species to grow or use directly in the revegetation components of range improvement projects. Additionally, the intern will assist with data entry related to rangeland monitoring.
- **Science Education Program:** Intern will assist with the week-long Science at the Seashore program for High School students.

Physical Demands : The work requires physical exertion such as regular and recurring walking, hiking, or climbing over wet, rough, uneven, or rocky surfaces; bending; crouching, stooping, lifting or reaching to observe, collect, or record field data; or in some situations the work may require physical exertion. Heavy items (e.g., equipment and packs up to 50 pounds) must be lifted and carried on a routine basis. Intern may be expected to carry a pack of up to 30 pounds.

Work Environment: The work is performed in an office or outdoors. The work performed involves regular and recurring exposure to extreme weather conditions and terrain, poisonous plants, biting insects, and wild animals.

Duty Station: Point Reyes National Seashore, Point Reyes Station, California

Duration of Position: June 1-October 7, 2014, with possibility of extension.

Hours: Full time. No more than 80 hours per two week pay period.

Vehicles: May be expected to drive NPS vehicles. Applicant should have a valid Driver's License.

Housing: Dorm-style housing is available at Sacramento Landing within the Park, 12 miles from the offices.

Training and Equipment: Training will be provided, and equipment will be largely provided. Intern will need to provide own field clothing and hiking boots. Government vehicles will be available for travel to field sites.

Salary: \$9.37/hour: does NOT include sick leave, annual leave, or health benefits.

Other: Site is located in a rural area with limited public transportation. A personal vehicle may be necessary to commute to and from work. Cost of living in Marin County is significantly higher than the national average.

To apply, send your resume (including relevant course work), a cover letter, and contact information for three references to:

Amelia Ryan, Wetland Ecologist
Point Reyes National Seashore
1 Bear Valley Road
Point Reyes Station, CA 94956
Email: Amelia_Ryan@nps.gov
Telephone: (415) 464-5227

Applications can be emailed (preferred) or mailed. Questions about the position may be directed to Amelia Ryan

SEND APPLICATIONS AS SOON AS POSSIBLE – NO LATER THAN MAY 4, 2014.