



Research Associate Program



Forestry Crew Lead

Great Basin Institute / US Forest Service Stanislaus National Forest, California

Description:

The Great Basin Institute, in cooperation with the US Forest Service (USFS) Stanislaus National Forest, is recruiting a Forestry Crew Lead to work cooperatively with USFS and GBI staff to support vegetation management and restoration projects within forest/woodland areas. This work provides professional development opportunities in standard forest management practices and skills while supporting USFS initiatives for healthy and productive forest landscapes and resources. Duties will principally include applying well defined marking guidelines to selecting and marking trees for harvest using silvicultural prescriptions for managing forest health. Training will be provided on tree-species identification, GPS data collection, tree marking, and other project-specific tasks.

Additional duties will include;

- Identifying and GPSing existing skid trails and landings.
- Flagging, GPSing, and painting unit boundaries.
- Identifying and painting cut trees utilizing silvicultural prescriptions.
- Measuring DBH, height, and identifying species.
- Tree based and area based cruising to determine stand volume.

The GBI forestry crew (one crew lead and one crew member) will support the USFS Timber Program on the Mi-Wok/Summit District. Camping at work sites for several consecutive days may be required to meet project objectives.

Leadership responsibilities will include communication with USFS and GBI staff, maintaining safety awareness and practices in the field, scheduling, logistics, and overseeing fidelity to methods and quality of outcomes.

Compensation and Timeline:

- Rate of Pay: \$20.00/hour
- The premium for health, dental and vision insurance will be completely paid for at no cost to you by the Great Basin Institute
- Housing: A base camp site will be available for the duration of the season.
- Duration: 24-week appointment starting May/June, depending on snowpack

Location: The Stanislaus National Forest encompasses nearly 900,000 acres on the western slope of the Sierra Nevada mountain range in California. Elevation ranges from 1,500 to 11,000 feet. Located between Lake Tahoe and Yosemite National Park, recreation opportunities abound within and around the Forest. The San Francisco Bay area is located 3 hours to the west. The position will be based out of the Mi-Wok Ranger District (northeast of Sonora, CA and southwest of Pinecrest, CA).

Qualifications:

- Bachelor's degree in Forestry (preferred), natural resource management or related field, with coursework and experience that demonstrate understanding of the principles of forestry and their application;



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- Knowledge of the mixed conifer forests typical of eastern California, including common plants (woody and herbaceous), wildlife, and/or geology/topography;
- Experience in timber cruising and in standard forestry mensuration, survey, and inventory protocols;
- Capacity to collect and maintain field data in an organized manner that is easily understood and accessible to other resource staff;
- Experience leading forestry crews in the field, including oversight of safety, communication, fidelity to methods, and data quality;
- Ability to communicate effectively, both written and orally, with a diverse audience;
- Experience using ArcGIS to create maps;
- Ability to navigate and collect data using handheld GPS units;
- Proficiency using a compass and topographic map to navigate;
- Possess a clean, valid, state-issued driver's license with ability to safely operate and maintain a 4WD vehicle on and off paved roads;
- Ability to live and work in rural and remote field and office setting;
- Physically fit to work outdoors, carry up to 50 pounds of personal and/or field equipment, and withstand the rigors of a forested and/or high desert environment in all seasons;
- Willingness and ability to camp in remote, primitive sites for several consecutive days;
- Familiarity with best practices for field safety and Leave No Trace principles; and
- Willingness and ability to consistently enact high performance standards and a strong work and team ethic in support of the mission of GBI and the goals and objectives of the USFS.

To apply learn more and apply, please follow the link below:

<https://www.vscyberhosting.com/greatbasin/careers.aspx?rf=EB&req=2020-RAP-008>

We conform to all the laws, statutes, and regulations concerning equal employment opportunities and affirmative action. We strongly encourage women, minorities, individuals with disabilities and veterans to apply to all of our job openings. We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, gender, sexual orientation, gender identity, or national origin, age, disability status, Genetic Information & Testing, Family & Medical Leave, protected veteran status, or any other characteristic protected by law. We prohibit Retaliation against individuals who bring forth any complaint, orally or in writing, to the employer or the government, or against any individuals who assist or participate in the investigation of any complaint or otherwise oppose discrimination.