

**Botanical Field Biologist /
Horticultural and Genetic
Conservation Technician
1 combined position (hourly)
Pohakuloa Training Area, Hawaii**



Center for
Environmental
Management
MILITARY LANDS
Colorado State University

POSITION

A temporary non-student hourly Botanical Biologist/Horticultural Technician position is available with the Center for Environmental Management of Military Lands (CEMML). This position is located at Pohakuloa Training Area (PTA), Hawaii. Hourly positions cannot exceed 9-months, but opportunities for longer-term salaried positions may become available during or after a temporary assignment. 40 hours per week.

ORGANIZATION

The Center for Environmental Management of Military Lands is a research, education and service unit within the Warner College of Natural Resources at Colorado State University (CSU). CEMML applies the latest and most appropriate science to promote the sustainable management of natural and cultural resources on Department of Defense (DOD) and other public lands. We provide technical support, conduct applied research, and offer career development and learning opportunities to support resource stewardship. We collaborate with our sponsors and within CSU to resolve complex environmental issues, leaving a legacy of science-based decisions that sustain our resources for future generations.

To learn more about CEMML's contributions to land management, our mission, vision, and values, visit <http://www.cemml.colostate.edu/>.

LOCATION

Pohakuloa Training Area (PTA) on the Big Island of Hawaii is a 132,000-acre Army training facility located at 2,500-8,800 feet elevation in the saddle region between the Mauna Kea and Mauna Loa volcanoes.

RESPONSIBILITIES

The Botanical Biologist/Horticultural Technician will provide technical assistance to the Army Natural Resources Program at the Pohakuloa Training Area, Hawaii, by: 1) supporting the genetic conservation and outplanting program (approximately 50% time) by assisting with greenhouse operations, maintaining seed inventories, outplanting site preparation/maintenance (approximately 50% time); and 2) supporting other plant monitoring and management activities (approximately 50% time) including inventory, monitoring, and managing rare plant populations including threatened and endangered plant species. Job duties include, but are not limited to:

- Horticultural tasks to maintain greenhouse operations to include plant maintenance, integrated pest control, maintain irrigation and automated greenhouse operational systems, maintain seed inventories, and maintain high-levels of phyto-sanitation and cleanliness.
- Inventory/survey of rare plant populations with a focus on threatened and endangered

- species.
- Mechanically and chemically control invasive plants near endangered and threatened plant species and for outplanting site preparation.
- Evaluate and manage emergent threats to rare plants and outplants such as invertebrate pest.
- Use GPS mobile data devices to navigate to sites, collect data, and survey transects management operations.
- Maintain and troubleshoot field gear and equipment.
- Regularly clean and maintain work vehicles, workspaces, and base yard.
- Participate in overnight camping at remote work sites up to 3 nights at a time.
- Other duties as assigned by supervisor.

MINIMUM QUALIFICATIONS

The successful candidate must demonstrate U.S. employment eligibility; CEMML will not provide visa sponsorship for this position. All candidates must meet the following minimum qualifications:

- BS/BA in botany, horticulture, natural resource management, environmental science, or closely related natural science or four years of work experience in these areas can be substituted for the educational requirement.
- Experience with monitoring rare plants and/or vegetation.
- Experience working with rare, threatened and/or endangered plants in Hawaii.
- Experience propagating and caring for plants in a greenhouse setting.
- Experience with greenhouse operations.
- Proficient in field navigation with maps and Global Positioning Systems.
- Ability to conduct strenuous field work on extremely rugged terrain.
- Experience with personal computers and software, including the Microsoft Office Suite.
- Have or be able to obtain a U.S. State Driver's license.

DESIRABLE QUALIFICATIONS

- Experience with native plant restoration, including seed collection, propagation, preparing planting sites, outplanting, and maintenance of sites and plants.
- Demonstrated ability to work effectively in a team setting.
- Experience with Geographic Information Systems (GIS).
- Experience with chemical and mechanical control techniques for invasive plant species.
- Good oral and written communication skills.
- Knowledge of databases to enter and maintain records.
- Experience working on a military installation or previous military.
- Experience operating 4-wheel drive vehicles.

DIVERSITY STATEMENT

Reflecting departmental and institutional values, candidates are expected to have the ability to advance CSU's commitment to diversity, equity and inclusion.

BACKGROUND CHECK

Colorado State University is committed to providing a safe and productive learning and living community. To achieve that goal, we conduct background investigations for all final candidates being considered for employment. Background checks may include, but are not

limited to, criminal history, national sex offender search and motor vehicle history.

VACCINE STATUS REPORTING

Colorado State University has mandated vaccinations against COVID-19. Faculty and staff (including hourly employees) are required to submit their vaccine status or declare an exemption. More information about the vaccination mandate can be found on the CSU COVID-19 Information & Resources site here (<https://covid.colostate.edu>).

SALARY

Hourly pay rate is \$20.00. Continuation of the position is dependent on continued funding from the sponsor for natural resource management at Pohakuloa Training Area. 40 hours per week.

BENEFITS

Hourly employees are not eligible for leave benefits but may be eligible for health insurance if criteria are met.

APPLICATION

Prospective candidates should email application materials to Lena Schnell, PTA Program Manager at Lena.Schnell@colostate.edu. Applicants must meet the minimum qualifications in the announcement to be considered for hire. Position will be open until filled. Include each of the items below as a Word Document (.doc) or PDF (.pdf). Please note that incomplete applications cannot be considered. Please remove social security numbers and birthdates from application materials. A complete application consists of:

- 1) Cover Letter briefly addressing your qualifications relative to the position
- 2) Resume
- 3) References (contact information for 3 professional references, including at least one supervisor)