

Seasonal Ecology Technician Non-student Hourly Hanscom Air Force Base Bedford, Massachusetts



POSITION

The Colorado State University (CSU) Center for Environmental Management of Military Lands (CEMML) is seeking *two* highly motivated candidates to serve as Seasonal Ecology Technicians at Hanscom Air Force Base (AFB), near Bedford, Massachusetts. The Technicians will be responsible for conducting (1) a variety of wildlife and vegetation surveys at properties managed by Hanscom AFB, and (2) a Coastal Zone Delineation of Fourth Cliff Recreational Annex in Scituate, Massachusetts. Candidates must have demonstrated experience identifying flora and fauna of Massachusetts, especially within the Boston Basin and Southern New England Coastal ecoregion. These positions are temporary, non-student hourly (40 hours/week), and will be approximately 6 months in duration.

ORGANIZATION

CEMML is a research, education, and service unit within the Warner College of Natural Resources at CSU. CEMML applies the latest and most appropriate science to promote sustainable management of natural and cultural resources on Department of Defense 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, please visit <http://www.cemml.colostate.edu/>.

LOCATION

Hanscom AFB (main base) encompasses approximately 900 acres in Middlesex County, approximately 18 miles northwest of Boston, Massachusetts. The main base overlaps the towns of Bedford, Lexington, and Lincoln—a region of national historical significance. Most of the base property is developed with laboratories, administrative areas, and over 700 housing units. There is also a small adjacent annex known as FAMCAMP that serves as a camping area for military personnel and their families. The main base is a semi-urban complex with approximately 270 acres of forested/undeveloped land. Hanscom AFB also has two geographically separated units: (1) Fourth Cliff Recreational Annex, which encompasses 56 acres on the Humarock Peninsula in Scituate, Massachusetts, about 30 miles southeast of the main base; and (2) Sagamore Hill Solar Weather Observatory Annex, which encompasses 32 acres in Hamilton, Massachusetts, about 25 miles northeast of the main base.

RESPONSIBILITIES

The Seasonal Ecology Technicians will be responsible for performing surveys of flora and fauna at Hanscom AFB, Fourth Cliff Recreational Annex, and Sagamore Hill Solar Weather Observatory. The survey work will include avian monitoring (point counts), small mammal trapping, use of remote cameras to monitor medium to large mammals, eDNA sampling for detecting aquatic reptiles and amphibians, mapping of invasive plant species, and habitat assessments for threatened and endangered species. Technicians will complete a Coastal Zone Delineation at Fourth Cliff Recreational Annex in accordance with the Massachusetts Wetlands Protection Act and Massachusetts Office of Coastal Zone Management guidelines.

Survey methodology, scheduling, and data handling will be overseen by CEMML staff in Fort Collins, Colorado, and with input from Hanscom AFB representatives. Seasonal Ecology Technicians will conduct surveys both independently and as a team; therefore, demonstrated experience identifying flora and fauna

of Massachusetts, especially within the Boston Basin and Southern New England Coastal ecoregion, is required. Survey equipment, including one vehicle for work use, will be supplied to the Technicians. Positions are expected to be 90% in the field and 10% in an office setting.

MINIMUM QUALIFICATIONS

The successful candidates must meet the minimum qualifications listed below.

- M.S. in Ecology, Wildlife Sciences, or a similar field; or equivalent experience
- Demonstrated experience identifying flora and fauna of Massachusetts by sight (and sound for fauna), especially within the Boston Basin and Southern New England Coastal ecoregion
- Experience identifying vegetation species and communities of Massachusetts
- Excellent written and verbal communication skills
- Ability to lift 40 pounds and traverse uneven, steep terrain
- Ability to pass a federal background check to obtain a Common Access Card for access to U.S. Air Force installations and the Air Force network
- Demonstrated U.S. employment eligibility; CEMML will not provide visa sponsorship for this position

DESIRABLE QUALIFICATIONS

- Experience conducting avian point-count surveys
- Experience conducting small mammal trapping using Sherman traps, or similar
- Experience collecting eDNA samples from aquatic environments
- Knowledge of Massachusetts Wetlands Protection Act and Massachusetts Office of Coastal Zone Management guidelines
- Experience conducting wetland and watercourse delineations following U.S. Army Corps of Engineers and Massachusetts Wetlands Protection Act protocols

BACKGROUND CHECK

CSU 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.

PAY RATE

Pay rate is \$20-\$25/hour.

APPLICATION

For full consideration, apply no later than May 2, 2021. To be considered, applicants must meet the minimum qualifications listed in this announcement. Please note that incomplete applications will not be reviewed. Please remove social security numbers and birthdates from application materials. A complete application consists of the following items.

- 1) Cover Letter (1-2 page letter addressing each minimum and desirable qualification described in the announcement)
- 2) Resume (No more than 4 pages, single-sided)
- 3) Transcripts (for each degree earned or being pursued among those listed under qualifications)
- 4) Three professional references, including at least one supervisor (will not be contacted without prior notification of candidates)

Applicants should send application materials to christi.gabriel@colostate.edu.

CSU does not discriminate on the basis of race, age, color, religion, national origin or ancestry, sex, gender, disability, veteran status, genetic information, sexual orientation, or gender identity or expression. CSU is an equal opportunity/equal access/affirmative action employer fully committed to achieving a diverse workforce, and it complies with all federal and Colorado state laws, regulations, and executive orders regarding non-discrimination and affirmative action. The Office of Equal Opportunity is located in 101 Student Services.

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

See a complete listing of open CEMML positions at <http://www.cemml.colostate.edu/careers>.