Forestry Technicians
Fort Wainwright and Donnelly Training Area, Alaska

POSITION
Four seasonal employee positions are available with the Center of Environmental Management of Military Lands for the 2018 summer field season to support invasive pest management, floristic surveys, forest health, and forest inventory as part of the U.S. Army’s forestry program on Fort Wainwright lands.

ORGANIZATION
The Center for Environmental Management of Military Lands 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 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
Work based at Fort Wainwright or Delta Junction, Alaska. Travel required to Yukon and Donnelly Training Areas. Fort Wainwright is located east of Fairbanks, Alaska and encompasses over 900,000 acres including over 700,000 acres in Donnelly TA. Approximately 15,000 people live and work at Fort Wainwright. Fairbanks is the second largest city in Alaska by population. Fairbanks provides city life, as well as access to fishing, hunting, native crafts, hiking, and views of the Alaskan mountain scenery. Donnelly Training Area is part of the Fort Wainwright maneuver range and is located near Delta Junction, interior Alaska’s agricultural center. Delta Junction is a small town of just under 1,000 residents and is located about 90 miles southeast of Fairbanks, the closest city. The town has incredible views and access to the Alaska Range, the Delta, Tanana and Clearwater Rivers, and basic services (groceries, library, and medical clinic).

RESPONSIBILITIES
Employee will be a member of a Colorado State University field crew executing forestry and natural resource projects on US Army Alaska lands. Assignments include timber sale cruises/layout, logging road layout/design, FIA forest inventory analysis, forest health control using pesticides, insect trap monitoring, post fire vegetation monitoring surveys, plot re-establishment, logistical support, invasive species monitoring, and invasive weed control. Work will be accomplished in a combination of four consecutive 10-hour days or eight consecutive 10-hour days with appropriate time off in between work stints. Work involves extensive walking, ATV riding, and navigating in remote regions with limited supervision.

Crews will collect site index, stem density, crown cover, plant species composition, and volume data using standard inventory techniques and equipment (i.e. diameter tape, increment bore, laser range-finder, compass,
Various vegetation sampling methods will be used to quantify understory composition and density. Additional data collected will include topographic measurements, plot location information, wildfire fuel loading, wildlife, and forest health observations. Identification of invasive species and protocols used will be based on protocols from the Alaska Exotic Plants Information Clearinghouse (AKEPIC). Plant identification with field guides and botanical keys, and plant collecting and cataloging. Other integral abilities include identifying probable vectors or pathways of invasive spread and area estimation.

Out-of-state applicants are encouraged to apply, though they should note that off-duty transportation and relocation costs are not provided.

**DURATION**
Approximately 3-4 month position: Starting mid-May, 2018 and ending September, 2018 (Flexible on start and end dates). Data management/analysis and stand mapping work may be available during the fall, not to exceed 9 months.

**MINIMUM QUALIFICATIONS**
Completion of one year in forestry, NRM, botany, ecology, or related discipline with 2 or more courses in forestry or plant ecology. U.S. citizenship required. Must have or be able to obtain a valid driver's license.

**DESIRABLE QUALIFICATIONS**
Knowledge of standard forestry inventory techniques and vascular plant sampling/taxonomy preferred. Need the ability to interpret and navigate remote terrain using aerial photos, GPS, topo map, and compass. Proven initiative, independence, and demonstrated ability to make decisions in the field is necessary since minimum supervision will be provided after initial training. Experience in pesticide use and application will rank high. Previous experience in invasive/noxious plant management and control. Flexibility and willingness to work long hours in adverse terrain and weather conditions is essential. Laboratory knowledge for insect ID & brooding techniques will be a plus. Applicants should be highly motivated to learn, interact closely with team members and enjoy field work.

**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.

**PAY RATE**
$19.00 - $24.00/hour (40 hours/week), pay rate is commensurate with experience and qualifications. Overtime may be available in limited amounts and per diem will be provided while on travel status. Continuation of the position is dependent on the receipt of funding from the sponsor.

**APPLICATION**
The deadline for applications is Sunday, March 11th 2018. Documents must be delivered as Word or PDF files to Adam Davis at adam.l.davis.ctr@mail.mil. To apply for this position, submit the following items in your application package.

1. Cover letter explaining why you are qualified for this position and how you meet the minimum qualifications.
2. Resume
3. Copy of college transcripts (unofficial copies are acceptable)
4. Names, daytime phone numbers, and email addresses of 3 professional references, one being a current or recent supervisor.
Incomplete applications or those containing sensitive personal information (i.e., social security or driver license numbers, birthdates) will be removed from consideration.

For more information, contact Adam Davis at the above e-mail or phone at (907) 361-1168

To learn more about the U.S. Army Alaska Environmental Program visit

https://www.wainwright.army.mil/index.php/about/environmental

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

CSU is EEO/AA employer.