



FOREST AND RANGELAND STEWARDSHIP COLORADO STATE UNIVERSITY

TWO ASSISTANT PROFESSOR POSITIONS

POSITIONS: Colorado State University is seeking applications and nominations for two nine-month, tenure track faculty positions at the rank of Assistant Professor specializing in 1) Applied Forest Ecology / Silviculture, and 2) Rangeland Ecology and Management. Applications from those interested in developing and applying ecological science to inform the management of forests, woodlands, shrublands or grasslands are especially encouraged to apply. Individuals with interest and expertise in areas such as adaptive management, restoration, vegetation structure, community assembly and/or herbivory would complement the existing faculty expertise and interests in our department and the Warner College of Natural Resources. We seek scholars who will develop an internationally recognized, innovative, independent, and extramurally funded research program involving graduate and undergraduate students. We expect the incumbents to exhibit leadership in, and passion for, undergraduate and graduate teaching, student mentoring, and curriculum development in the Forest and Rangeland Stewardship Department. Applicants should clearly demonstrate a commitment to diversity and inclusion in the department, college, and the university.

BACKGROUND: The Department of Forest and Rangeland Stewardship at Colorado State University is an interdisciplinary academic program uniquely poised to advance education, research, and outreach in applied forest and rangeland ecology. Existing programs of emphasis in the department include forest and rangeland ecology, natural resource management, fire science, vegetation measurement and biometry, policy and planning, and restoration ecology. The Department of Forest and Rangeland Stewardship is housed within the Warner College of Natural Resources, which is home to five academic departments and several centers and institutes such as the Colorado Forest Restoration Institute, the Colorado State Forest Service, Natural Resource Ecology Lab, the Center for Environmental Management of Military Lands and the Colorado Natural Heritage Program. These programs, institutes and centers provide a foundation for research, education and outreach. Linkages across departments and colleges, and with federal and state land managers and research centers, form a broader interdisciplinary foundation for increased impact. Strong relationships and partnerships with local, state and federal agencies foster significant applied research opportunities for the successful candidates. We expect the incumbents to foster opportunities for our students to become future leaders in the stewardship of forests and rangelands throughout the world.

APPLIED FOREST ECOLOGY / SILVICULTURE

Context: Adaptive forest management and forest restoration practices are needed to prepare forest ecosystems for grand challenges including climate change impacts and the effects of intensifying forest disturbances. Silvicultural practices are a primary tool for achieving desired forest conditions in the face of these global challenges, requiring integrative knowledge of forest ecology, silvicultural systems, and societal factors to innovate forest management practices and technologies. The position is core to the Department and will play a pivotal role in collaborative research and management needs on both public and private lands. As such, the position requires integration across biological, technical, social, and administrative disciplines. CSU is positioned to be a global leader in applied forest ecology, silviculture, adaptive forest management and forest restoration practices, with this position key to bridging existing faculty in the Warner College of Natural Resources and across the CSU campus.

Duties and Responsibilities: The successful candidate will be expected to teach, conduct research, and contribute to the outreach and service of the institution and the professions we serve. In research, we expect the incumbent to develop an extramurally funded and innovative research program (50%) focused on developing new understandings of applied forest ecology and silviculture. We also expect development of collaborative relationships with local, regional and national clients. Teaching responsibilities (40%) include instruction of an undergraduate silviculture course and other courses that contribute to undergraduate majors in the Department. Teaching will also include a graduate course in the candidate's areas of expertise. Service and outreach (10%) are components of the position and includes service to the department, college, university, academic peers, and profession.

Qualifications:

Required

1. Earned Ph.D. with disciplinary emphasis in forest ecosystems by the time of appointment.
2. Demonstrated research expertise in applied forest ecology and/or silviculture.

Preferred:

1. Evidence of potential to develop an externally funded research program advancing new knowledge of applied forest ecology and silviculture.
2. Demonstrated potential to sustain an excellent publication record.
3. Evidence of effective teaching and mentoring of undergraduate or graduate students.
4. Ability to successfully engage in outreach to managers, landowners, and other relevant stakeholders.
5. Evidence of a commitment to enhancing diversity and inclusion.
6. Postdoctoral research experience.

RANGELAND ECOLOGY AND MANAGEMENT

Context: A fundamental ecological understanding of grassland, shrubland and woodland ecosystems is required to adaptively manage and restore these ecosystems in the face of changing environmental conditions. To meet this challenge, we seek an innovative individual who will address ecological questions and develop novel strategies to manage rangeland ecosystems. Grand challenges facing rangeland systems require integration across biophysical and social science disciplines, and engaged scholarship with diverse stakeholders from government, private and non-profit sectors. The person filling this position would also contribute significantly to the growing restoration ecology emphasis in the department. Colorado State University is uniquely poised to make increased contributions in rangeland and applied grassland ecology with complementary growth in restoration ecology. Other potential areas of emphasis include ecological interactions of fire and grazing and their conservation implications, climate-adaptive and regenerative management of working landscapes, and Indigenous ecological knowledge and stewardship.

Duties and Responsibilities: The position will entail 50% Research; 30% Teaching; and 20% Extension, Engagement, Outreach and Service. We seek someone who will develop a successful, innovative, independent and extramurally funded research program involving graduate and undergraduate students. The successful candidate will work with diverse stakeholders potentially including federal, state, and local agencies, tribes, NGOs, landowner and producer organizations and CSU Extension to identify research needs, co-produce and deliver current research to rangeland managers and landowners. The successful candidate will contribute to undergraduate and graduate teaching and curriculum development in the Forest and Rangeland Stewardship Department.

Qualifications:

Required

1. Earned Ph.D. with disciplinary emphasis in the ecology or management of rangeland systems by the time of appointment.
2. Demonstrated research expertise in applied ecology/management of grasslands, shrublands or woodlands ecosystems.

Preferred:

1. Evidence of potential to develop a funded research program advancing new knowledge of rangeland ecology and management.
2. Demonstrated potential to sustain an excellent publication record.
3. Evidence of effective teaching and mentoring of undergraduate or graduate students.
4. Ability to successfully engage in outreach to managers, landowners, and other relevant stakeholders.
5. Evidence of a commitment to enhancing diversity and inclusion.
6. Postdoctoral research experience.

SALARIES: Commensurate with education and experience.

POSITIONS AVAILABLE: August 2020

APPLICATION PROCEDURE

Silviculture Position: To apply and view a full position announcement please visit:

<http://jobs.colostate.edu/postings/72175> by December 15, 2019 for full consideration. CSU is an EO/EA/AA employer and conducts background checks on all final candidates.

Rangeland Position: To apply and view a full position announcement please visit:

<http://jobs.colostate.edu/postings/72220> by December 15, 2019 for full consideration. CSU is an EO/EA/AA employer and conducts background checks on all final candidates.

After notifying semifinalist candidates, application materials of the semifinalists, including letters of reference, will be made available for review by the faculty of the Department of Forest and Rangeland Stewardship. References will not be contacted without prior notification to candidates. Reflecting departmental and institutional values, candidates are expected to have the ability to advance the Department's commitment to diversity and inclusion.

Questions concerning positions contact:

Silviculture Search Committee Chair: Mark.Paschke@colostate.edu

Rangeland Search Committee Chair: Troy.Ocheltree@colostate.edu

UNIVERSITY AND LOCAL COMMUNITY

Colorado State University, a prestigious Very High Research Activity Carnegie Doctoral University, was established in 1870 and remains inspired by its land-grant heritage and world-class faculty, staff and students. Nationally, CSU is a Carnegie Engaged University (2008, 2014), is a member of the Engagement Scholarship Consortium, and is an APLU Innovation and Economic Prosperity University (2016). CSU enrolls approximately 33,000 undergraduate, graduate, and professional students, and is the largest employer in northern Colorado with more than 7,400 faculty and staff. Colorado State University is located 60 miles north of Denver in the beautiful city of Fort Collins situated on the Front Range of the Rocky Mountains with the foothills and 14,000-foot peaks visible to residents. Fort Collins is an active and progressive community. Easy access to hiking, skiing, rafting and other outdoor sports is a great advantage to CSU students, faculty and staff. With an average of 300 days of sunshine per year and low humidity, Fort Collins residents enjoy pleasant weather year-round. Indoor and outdoor activities are enjoyable in every season. Colorado has earned a worldwide reputation as an area that offers an unparalleled lifestyle, and Fort Collins represents the very best of Colorado with top award rankings from Forbes for Best Place for Business/Careers, Gallup Well Being Index for Healthiest Mid-Size City in America, CBS Moneywatch List of Top 10 Best Places to Retire, Outside Magazine Best Towns in America, among other recognitions: <https://www.fcgov.com/visitor/fcfacts.php?ID=6>

Colorado State University 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. Colorado State University is an equal opportunity/equal access/affirmative action employer fully committed to achieving a diverse workforce and 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.

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.
