forest and woodland entomology

**Assistant PROFESSOR**

**Colorado State University**

**POSITION:** Colorado State University is seeking applications and nominations for a nine month, tenure track faculty position at the rank of Assistant Professor specializing in entomology in forest and woodland plant communities. We seek a broadly trained individual who will address ecological and management questions regarding the health of forest and woodland ecosystems as affected by insect pests. Applications from those interested in the interactions between insect pests and the sustainability of forest and woodland ecosystems are especially encouraged. 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 federal, state, and local agencies, the Colorado State Forest Service (CSFS) and Cooperative Extension to deliver current research to managers and landowners. The candidate will be expected to contribute to undergraduate and graduate teaching and curriculum development in the Forest and Rangeland Stewardship Department.

**BACKGROUND INFORMATION**

Past management practices, changing climate, and rapid population growth have left many Rocky Mountain forests and rangelands in a state of poor health and susceptible to uncharacteristic large-scale disturbances and die-offs. Against a backdrop of an uncertain future there is a great demand for increasing our understanding of the linkages among factors that affect natural resources in the Rocky Mountain region. Insects can cause changes in ecosystem structure and function that have “downstream” impacts that effect quality of life and economic vitality of the region. Future changes will necessitate creative solutions to resource management issues that must be grounded in strong science. Our vision for this position is to link issues of forest and woodland ecosystem health with entomology at the plant, plant community and landscape scales. Colorado State University is uniquely poised to make increased contributions in this area. Existing programs within the Warner College, including the CSFS, Colorado Forest Restoration Institute (CFRI), and Natural Resource Ecology Lab, provide a foundation for research, education and outreach in this field. Linkages across colleges, especially with faculty addressing issues of ecosystem health, forest pathogens and entomology in the College of Agricultural Sciences and outreach and management professionals in the CSFS, Colorado Cooperative Extension, and federal agencies form a broader cross-disciplinary foundation for increased impact. Strong relationships and partnerships with local, state and federal agencies provide significant leveraged opportunities for the successful candidate. We expect that the successful candidate, in working to meet forest and woodland ecosystem health challenges, will provide our students with ample opportunities to become future leaders in the stewardship of natural resources.

**DUTIES AND RESPONSIBILITIES**

The successful candidate will be expected to maintain an extramurally funded and innovative research program (50%) focused on understanding underlying insect issues related to ecosystem health with an emphasis on regional forests and woodlands and pathways to resolving ecosystem health problems in the state. Outreach efforts (30%) will link to the CSFS, Cooperative Extension, and the USDA Forest Service to ensure that new knowledge generated by the successful candidate and others would be rapidly disseminated to the public and appropriate stakeholders, as well as to leverage the resources and potential of CSFS to extend impact of the University. Teaching responsibilities (20%) include co-teaching an undergraduate course in tree and forest health, and developing a graduate course in the candidate’s area of expertise.

**QUALIFICATIONS**

**Required:** (1) Earned Ph.D. in entomology or closely related field. (2) Demonstrated expertise in entomology of forest or woodland habitats.

**Preferred:** (1) Demonstrated potential for developing, funding and sustaining a research program. (2) Demonstrated publication record. (3) Demonstrated knowledge of, or experience with applied forest/woodland ecology and management. (4) Experience with outreach efforts to managers, landowners, and relevant stakeholders. (5) Demonstrated potential for teaching effectiveness

**SALARY:** Commensurate with education and experience.

**POSITION AVAILABLE:** August 2016

**APPLICATION PROCEDURE**

To apply, submit application material (cover letter, C.V., statements of research, outreach, & teaching interests, contact information for three referees, transcripts and up to three representative publications) on-line to <http://jobs.colostate.edu/postings/18659> by December 15, 2015, for full consideration. Applications will be accepted until position is filled.

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

Questions concerning position contact:

[Mark.Paschke@colostate.edu](mailto:Mark.Paschke@colostate.edu)

**DEPARTMENT AND LOCAL COMMUNITY**

The Department of Forest and Rangeland Stewardship at Colorado State University is interdisciplinary with programs of emphasis in forestry, fire science, fire management, natural resource policy/planning, rangeland ecology, and restoration ecology. The Department’s faculty support the Warner College of Natural Resources and the University in fulfilling the Land Grant Mission in these programmatic areas. The Department offers undergraduate majors in Forestry, Rangeland Ecology, and Natural Resources Management in addition to master of science and doctor of philosophy degrees. The successful candidate will also be eligible to advise graduate students in the University-wide Graduate Degree Program in Ecology (<http://www.ecology.colostate.edu>). Faculty in the Department take advantage of great opportunities for collaboration across campus with faculty in a wide variety of programs, colleges and departments. Additional information about the department can be accessed at <http://warnercnr.colostate.edu/frs-home>.

The city of Fort Collins is situated along the beautiful Front Range of the Rocky Mountains. In addition to CSU, major employers in the community are Hewlett-Packard, LSI Logic, Intel, Agilent Technologies, Advanced Energy, Kodak, Anheuser-Busch, and Poudre Valley Hospital. Numerous state and federal research agencies in Fort Collins contribute to the intellectual environment of the university and provide the successful candidate additional local collaborators. These include the Colorado State Forest Service, US Forest Service, National Wildlife Research Center, USDA-Agricultural Research Service, National Park Service, Natural Resource Conservation Service and the Bureau of Land Management. The University of Colorado in Boulder, Northern Colorado University in Greely, University of Denver, and the University of Wyoming in Laramie, are all within a one-hour drive. In addition to the many and varied cultural activities sponsored by the University, the community offers a center for performing arts, a symphony orchestra, repertory theater, choral society, and dance company. The city operates numerous indoor and outdoor pools, several ice rinks, five public golf courses, and sponsors a wide variety of leisure-time activities. Rocky Mountain National Park, Pawnee National Grasslands and Roosevelt National Forest are within 30 miles of Fort Collins. Finally, Fort Collins is consistently identified as one of the best cities in the US to live in by various national media.

*Colorado State University is committed to providing an environment that is free from discrimination and harassment based on race, age, creed, color, religion, national origin or ancestry, sex, gender, disability, veteran status, genetic information, sexual orientation, gender identity or expression, or pregnancy. 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 (CSU) strives to provide a safe study, work, and living environment for its faculty, staff, volunteers and students. To support this environment and comply with applicable laws and regulations, CSU conducts background checks. The type of background check conducted varies by position and can include, but is not limited to, criminal (felony and misdemeanor) history, sex offender registry, motor vehicle history, financial history, and/or education verification. Background checks will be conducted when required by law or contract and when, in the discretion of the university, it is reasonable and prudent to do so.*