

**POSITION ANNOUNCEMENT # 0000-0824
REQUISITION # 493227**

Title: Assistant Professor of Resilience and Restoration Silviculture

Location: School of Forest Resources and Conservation (SFRC)
University of Florida
Institute of Food and Agricultural Sciences (IFAS)
Gainesville, Florida

Salary: Commensurate with Qualifications and Experience

Review Date: For full consideration, candidates should apply and submit additional materials by October 15, 2015. The position will remain open until a viable applicant pool is determined.

Duties and Responsibilities

This is a 12-month position with tenure accruing in the SFRC. The assigned responsibilities will be 70% research (Florida Agricultural Experiment Station) and 30% teaching (College of Agricultural and Life Sciences), Institute of Food and Agricultural Sciences, at the University of Florida. This assignment may change in accordance with the needs of the unit. The faculty member will develop an internationally recognized, externally funded research program focused on silviculture as a tool to adapt forest composition, structure and function towards long-term site-specific goals. The research is expected to help mitigate impacts of novel and emerging forest health threats across diverse forest types and ownership classes. This hire will conduct field research on topics such as spatiotemporal stand dynamics, forest nutrition, genetic deployment, stand resistance to disturbance, and other factors associated with maintenance or restoration of forest ecosystem health and resilience. Research approaches incorporating quantitative methods and/or modeling are desirable. The faculty member will be expected to collaborate with new faculty hires in the Healthy Forest Ecosystems Cluster (described below), as well as with a diverse set of existing experts in the SFRC (forest health, biology and management), the Florida Climate Institute, the UF Emerging Pathogens Institute, other units on campus, and government agencies. Instruction is a critical need due to increasing enrollments and diversifying curricula and the successful candidate will engage in scholarly activities related to instruction, including teaching undergraduate and/or graduate courses, advising and mentoring undergraduate and graduate students, participating in curriculum revision and enhancement, seeking funding for the teaching program, supervising undergraduate and graduate research and creative work, and engaging in professional development activities related to teaching and advising. Because of the IFAS land-grant mission, all faculty are expected to be supportive of and engaged in all three mission areas—Research, Teaching and Extension—regardless of the assignment split specified in the position description.

Forest ecosystems face increasing and emerging threats, including non-native invaders, resurgence of native diseases and pests, climate and land use changes, and the synergistic effects of these challenges combined. This position is one of four in a cohort (three faculty, one staff) with expertise in: 1) Resilience and Restoration Silviculture (this position); 2) Remote Sensing for Forest Health Modeling; 3) Tree Health Genetic Resources; and 4) Monitoring Coordinator, Global Threats to Forest Health (staff position). The hires associated with this cluster will fill critical gaps in expertise across the Southern US, and will enable anticipation and early detection of forest health threats, a precise understanding of their impacts on society, spatiotemporal monitoring to facilitate early intervention, adaptive silviculture and the capacity to rapidly deploy restoration populations that are genetically resistant (or tolerant) to invaders, drought, and other disturbance risks. The synergistic effects of combined forest health threats require interdisciplinary solutions – this cluster of faculty positions is designed to meet the multi-faceted forest health challenge by seamlessly combining new experts and approaches with existing expertise, in order to guide management decisions and policy recommendations toward increased forest resilience.

Qualifications

A doctorate (foreign equivalent acceptable) in silviculture or a closely related discipline such as forest ecology or forest ecophysiology is required. Experience in forest pathology, forest entomology, and/or other aspects of forest health are highly desirable, as are quantitative analytical and modeling skills. Research focus should be within the context of forest management. Postdoctoral experience is desirable. Candidates should have demonstrated skills in publication of peer-reviewed research, verbal communication, interpersonal relationships, and procurement of extramural funding. The ability and desire to lead as well as work effectively within interdisciplinary teams is required. Candidates must be supportive of the mission of the Land-Grant system. Candidates must also have a commitment to the IFAS core values of excellence, diversity, global involvement, and accountability.

Background Information:

The School of Forest Resources and Conservation (www.sfrc.ufl.edu) has teaching, research, and extension education programs in three broad areas: Forest resources and conservation; Geomatics (surveying, mapping, remote sensing, GIS, and GPS); and Fisheries and aquatic sciences. The SFRC has 50 faculty members, 70 affiliate, courtesy, and emeritus faculty, 150 graduate students, and 150 undergraduate students. The School offers bachelor's degrees in Forest Resources and Conservation, Natural Resource Conservation, Geomatics, and Marine Sciences; thesis and non-thesis master's degrees in all focus areas, including a number of innovative distance education master's programs; and Ph.D. degrees in all focus areas.

The University of Florida (<http://www.ufl.edu>) is a Land-Grant, Sea-Grant, and Space-Grant institution, encompassing virtually all academic and professional disciplines, with an enrollment of more than 50,000 students. UF is a member of The Association of American Universities. The Institute of Food and Agricultural Sciences (<http://ifas.ufl.edu>) includes the College of Agricultural and Life Sciences (<http://cals.ufl.edu>), the Florida Agricultural Experiment Station (<http://research.ifas.ufl.edu>), the Florida Cooperative Extension Service (<http://extension.ifas.ufl.edu>), the College of Veterinary Medicine (<http://www.vetmed.ufl.edu>), the Florida Sea Grant program (<http://www.flseagrant.org/>), and encompasses 16 on-campus academic departments and schools, 12 Research and Educational Centers (REC) located throughout the state, 6 Research sites/demonstration units administered by RECs or academic departments, and Florida Cooperative Extension Service offices in all 67 counties (counties operate and maintain). The School of Natural Resources and Environment is an interdisciplinary unit housed in IFAS and managed by several colleges on campus. IFAS employs over 2500 people, which includes approximately 900 faculty and 1200 support personnel located in Gainesville and throughout the state. IFAS, one of the nation's largest agricultural and natural resources research and education organizations, is administered by a Senior Vice President and four deans: the Dean of the College of Agricultural and Life Sciences, the Dean for Extension and Director of the Florida Cooperative Extension Service, the Dean for Research and Director of the Florida Agricultural Experiment Station, and the Dean

for the College of Veterinary Medicine. UF/IFAS also engages in cooperative work with Florida A&M University in Tallahassee.

Employment Conditions

This position is available January 1, 2016 and will be filled as soon thereafter as an acceptable applicant is available. Compensation is commensurate with the education, experience, and qualifications of the selected applicant.

Nominations and Inquiries

Nominations and inquiries are welcome. Nominations should include the complete name and address of the nominee. Nominations and inquiries should be directed to:

Please refer to Requisition #
Dr. Timothy Martin
Chair, Search and Screen Committee
School of Forest Resources and Conservation
University of Florida
Box 110410, 118 Newins-Ziegler Hall
Gainesville, FL 32611-0410

Telephone: 352-846-0866
Electronic Mail: tamartin@ufl.edu

Application Information

- Individuals wishing to apply should go online to <http://explore.jobs.ufl.edu/cw/en-us/job/493227> and submit:
 - Application
 - Cover letter that states applicant's interest in the position and qualifications relative to the credentials listed above
 - Curriculum vitae
 - Unofficial transcripts showing all college coursework, and
 - Names and contact information for four references.

Final candidate will be required to provide official transcript to the hiring department upon hire. A transcript will not be considered "official" if a designation of "Issued to Student" is visible. Degrees earned from an education institution outside of the United States are required to be evaluated by a professional credentialing service provider approved by National Association of Credential Evaluation Services (NACES), which can be found at <http://www.naces.org/>.

The University of Florida is an Equal Opportunity Institution dedicated to building a broadly diverse and inclusive faculty and staff. The selection process will be conducted in accord with the provisions of Florida's 'Government in the Sunshine' and Public Records Laws. Persons with disabilities have the right to request and receive reasonable accommodation.