

ASSISTANT or ASSOCIATE PROFESSOR: Silviculture and Co-Director of the Forest Nutrition Cooperative

Department of Forestry and Environmental Resources
College of Natural Resources
North Carolina State University
Raleigh, North Carolina

Description:

The Department of Forestry and Environmental Resources at North Carolina State University invites applications for a 12-month, tenure-track position in Silviculture and to serve as Co-Director of the Forest Nutrition Cooperative (FNC). Appointment will be at the Assistant or Associate Professor level, and responsibilities will be approximately 50% teaching and 50% research. Duties will include teaching at the graduate and undergraduate levels; advising and mentoring undergraduate and graduate students; and developing a strong, externally funded research program in Silviculture. Demonstrated potential for productive collaboration with faculty within the Department and other scientists associated with the FNC is strongly desired. Leadership of the FNC as Co-Director will be a primary responsibility of this position. Salary and benefits will be nationally competitive and commensurate with qualifications.

Benefits include a retirement program (choice of defined-benefit or defined-contribution); health insurance; workers' compensation; paid vacation and sick leave, and other optional programs.

Qualifications:

- PhD degree in Forestry or related field with experience in plantation silviculture and forest soils
- Expertise in one or more of the following areas: silviculture, tree nutrition, ecophysiology, biogeochemistry, growth modeling, remote sensing/spatial analysis
- Self-starter capable of independent planning and implementation of teaching, research, extension, and management activities
- Demonstrated ability to attract external funding from competitive and non-competitive sources
- Ability to work with the other FNC Co-Director to increase both FNC membership and the scope of value-added services
- Excellent communication skills and interest in working with a wide range of individuals and organizations including: students, faculty, forest landowners, consultants, forest industry, and public agencies
- Experience in personnel supervision and team development
- Willingness and ability to travel extensively

Specific responsibilities will include:

- Teach undergraduate and graduate courses in specialty area(s)
- Mentor graduate students
- Develop and grow existing research program in plantation silviculture and forest soils
- Provide scientific and administrative leadership of the FNC in collaboration with other co-directors and team members
- Provide outreach and extension to FNC constituencies (workshops, field visits, and guidance concerning plantation silviculture to FNC members)
- Serve as the NCSU site director for the NSF I/UCRC Center for Advance Forest Systems
- Foster strong positive relationships with FNC members and other collaborators
- Supervise and assist in the professional development of team members

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About the Forest Nutrition Cooperative:

The Forest Nutrition Cooperative (FNC) is an international partnership committed to creating innovative solutions to enhance forest productivity and value through the sustainable management of site resources.

The partnership is lead by faculty at NC State, Virginia Tech, and the University of Concepción in Chile. Members include forest industry, forest management consultants, and others interested in plantation management making the Forest Nutrition Cooperative one of the world's largest cooperative forest research and education programs. Cooperative members manage over 24 million acres of pine and broadleaf plantations in the southeast USA and Latin America. The Cooperative's approach includes a mix of applied research, fundamental research, graduate education, technology transfer, continuing education, and consulting. FNC currently has 8 full-time team members, 14 graduate students, and an annual budget exceeding \$1.5 million. See www.forestnutrition.org for additional information about the Cooperative.

About the Department:

The Department of Forestry and Environmental Resources (www.cnr.ncsu.edu/for/) has 51 faculty with a wide variety of strengths in forestry and natural resources management, policy, and economics, environmental technology, fisheries and wildlife, tree improvement, silviculture, forest biotechnology, international forestry, biodiversity, conservation and restoration ecology, and geographic information systems. The Department offers undergraduate, masters and doctoral degrees, and currently has 346 undergraduate and 117 graduate students. Consistent with the land grant mission of NCSU, the Department has a strong commitment to developing partnerships with communities. Faculty, staff, and students work together with business, industry, government, community groups, and non-government organizations to address a wide range of challenges facing our state and the world. These partnerships facilitate research and discovery, teaching and learning, and outreach and service. Active research programs within the Department generate about \$6 million annually in extramural funds. North Carolina State University is one of the nation's leading public land-grant universities with a total enrollment of approximately 30,000 students. The university is located in the capital city of Raleigh (<http://www.webs4you.com/raleigh/>) and (<http://triangle.citysearch.com/>), and is primarily housed on about 2,110 acres within the city. Additional information about the department and university can be found at <http://www.cnr.ncsu.edu/for/> and www.ncsu.edu.

Application Process:

Applicants should submit a letter of application, curriculum vitae, copies of college transcripts, and contact information for at least three references at <https://jobs.ncsu.edu/> Click on SEARCH VACANCIES on left tool bar and search for position number 05-38-0713.

For questions about this position or the department, contact:

Steve McKeand, search committee chair <Steve_McKeand@ncsu.edu> (919-515-6073) or
Barry Goldfarb, Department Head <barry_goldfarb@ncsu.edu> (919-515-4471).

Review of applications will begin on January 21, 2008 and will continue until the position is filled. The position is available July 1, 2008.

NCSU is an EO/AA employer. In addition, NCSU welcomes all persons without regard to sexual orientation. ADA accommodations: (919) 515-3148.