

## **Faculty Position at the University of Minnesota Assistant Professor in Silviculture/Vegetation Management**

**Description:** Tenure-track, 9-month (B-term), full-time appointment with responsibilities for teaching (50%) and research (50%). The position is in the Department of Forest Resources and located on the St. Paul Campus.

**Essential Qualifications:** Ph.D. by the time of appointment with concentration and/or expertise in silviculture relevant to the responsibilities listed below. At least one degree in forestry is required. A background in silviculture and forest ecology and quantitative and integrative approaches is essential, as is experience with issues of forest productivity and sustainability, and the ability to identify and solve problems important to forest management. Experience in designing and conducting research is also required. A commitment to excellence in undergraduate and graduate teaching is required, including the ability to advise and train students. Strong oral and written communication skills are also essential, including demonstrated success in publishing in leading peer reviewed scientific journals and in communicating with forestry professionals, loggers, and landowners.

**Preferred Qualifications:** Special expertise offering opportunities for linkages with departmental strengths in areas such as forest ecology, genetics, geospatial analysis, modeling and resource planning, education and experience with forests and their management in the Upper Great Lakes Region of the U.S.

**Responsibilities:**

- Develop a superior research program in silviculture with application to major problems in applied forest ecology and management. Priority research areas are silvicultural systems for mixed species forests and improving productivity. Additional related areas of importance include forest regeneration, enhancing habitat values, aesthetics in forest management, and adapting to natural and anthropogenic disturbances. This research would be developed in collaboration with faculty at Grand Rapids, Cloquet, and St. Paul and with clientele groups and other researchers in the region and beyond. The responsibility includes seeking and securing research funding from agency and industry sources within the state and via national and other competitive grants programs.
- Teach undergraduate and graduate courses in silviculture for forestry and participate in instruction in an ecology of managed systems course for undergraduates studying environmental science, policy and management.
- Undergraduate and graduate student recruiting and advising.
- Participate in faculty governance, and where appropriate, provide leadership to outreach activities statewide.

**Salary and Benefits:** Salary is competitive and commensurate with experience and qualifications. Benefits include University retirement; group life, medical, and dental insurance plans; and sabbatical and semester leave opportunities. Salary will be supplemented with two months of summer salary for the first two years of the appointment and research startup funds will be available. The position is available December 15, 2014. Detailed benefits information is available at: <http://www1.umn.edu/ohr/benefits/index.html>

**Application Process:** Apply on line via the Employment System at <https://employment.umn.edu/applicants/Central?quickFind=123997>

The system requisition number for this position is 194010. Applications must include (1) a cover letter containing a brief summary of teaching and research interests and philosophy, (2) a detailed resume, (3) a copy of undergraduate and graduate transcripts, and (4) the names and addresses of three persons who will serve as references. Applicants are also asked to request letters of reference be sent to the address below in a timely manner. Review of applications will begin November 17, 2014 and continue until the position is filled. Direct inquiries and applications to:

Dr. Linda Nagel, Chair, Silviculture Search Committee

Department of Forest Resources, University of Minnesota

St. Paul, MN 55108 Ph 612/624-3400 Email: [lmnagel@umn.edu](mailto:lmnagel@umn.edu) or [forest.resources@umn.edu](mailto:forest.resources@umn.edu)

Information on the department and its programs may be found at <http://www.forestry.umn.edu>.

*The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, religion, color, sex, national origin, handicap, age, veteran status, or sexual orientation. The University is committed to excellence through diversity and strongly encourages applications from women, minorities, and other underrepresented groups.*