



**Department of Forest Resources and Environmental Conservation
Teaching and Research Faculty Position, Forest Biometrics – Assistant Professor**

The Department of Forest Resources and Environmental Conservation at Virginia Tech invites applications for a 9-month, tenure-track, teaching and research position at the assistant professor level in forest biometrics. This position will support scholarship and teaching of forest biometrics, forest inventory, and sampling, as well as collaborative efforts in which these foundational concepts are connected to the science and management of forest resources.

Responsibilities

- Teach undergraduate courses in forest biometrics, with additional opportunities to assist in teaching across a relatively broad spectrum of topics related to the forest biometrics discipline, e.g., field measurements skills, geospatial applications, growth and yield modeling, sampling, and experimental methods.
- Develop and teach graduate-level coursework in forest biometrics and analytics, focusing on advanced topics including forest growth and yield modeling, forest sampling and measurements, estimation and forecasting, and the integration of complex data sets into statistical, mathematical, and computer modeling frameworks.
- Develop a high quality and productive program of fundamental and applied research in forest biometrics and analytics with impacts aimed at the science and management of forest resources at local to global scales.
- Collaborate with faculty and agency/industry colleagues on regionally, nationally, and/or globally relevant research that is informed by research in forest biometrics.
- Provide outreach to private and public forest research and management concerns, forest landowners, industrial landowners, planners and policymakers, and/or science agencies.
- Support research and graduate education programs with external grants and contracts.
- Advise/mentor undergraduate students and supervise graduate students.
- Contribute to department, college, university, and external service/outreach.

Qualifications

- Required: Ph.D. with emphasis in forest biometrics, with strong promise for developing an outstanding program of teaching, research, and outreach.
- Preferred: Undergraduate degree in forestry or equivalent forestry experience/training.

Application process

Candidates must apply online at: <http://careers.pageuppeople.com/968/cw/en-us/listing>. Search for job # 512257.

Application materials should include the following:

- Curriculum vitae.
- Cover letter expressing a statement of interest in the position.
- Separate statements regarding interest and personal philosophies associated with (1) inclusion, equity, and diversity; (2) teaching; and (3) research.
- Names, titles, and complete contact information for three to five references.
- An official transcript for highest degree earned is required prior to the start of employment for the selected candidate.

Questions and inquiries may be addressed to Dr. Randy Wynne (wynne@vt.edu), chair of the search committee.

Application review will begin January 31, 2020, and continue until the position is filled.

Equal opportunity/affirmative action statement

Virginia Tech does not discriminate against employees, students, or applicants on the basis of age, color, disability, sex (including pregnancy), gender, gender identity, gender expression, genetic information, national origin, political affiliation, race, religion, sexual orientation, or veteran status, or otherwise discriminate against employees or applicants who inquire about, discuss, or disclose their compensation or the compensation of other employees or applicants, or on any other basis protected by law. For inquiries regarding non-discrimination policies, contact the Office for Equity and Accessibility at 540-231-2010 or Virginia Tech, North End Center, Suite 2300 (0318), 300 Turner St. NW, Blacksburg, VA 24061.

About Virginia Tech

Virginia Tech, founded in 1872 as a land-grant institution, is currently ranked as a Top 25 Public University by U.S. News & World Report and a Top 25 Public Research University by the National Science Foundation. Through a combination of its three missions of learning, discovery, and engagement, Virginia Tech continually strives to accomplish the charge of its motto: *Ut Prosim* (That I May Serve). As the commonwealth's most comprehensive university and leading research institution, Virginia Tech serves a diverse population of 30,000+ students and 8,000+ faculty and staff from over 100 countries, and is engaged in research around the world.

Virginia Tech's main campus is located in the New River Valley, nestled in the heart of the beautiful Appalachian Mountains. Blacksburg offers the charm of a small town combined with the modern conveniences of a metropolitan area, and is a short driving distance from abundant public land, including the Monongahela, George Washington, and Jefferson National Forests and Shenandoah National Park.

Virginia Tech is dedicated to InclusiveVT — serving in the spirit of community, diversity, and excellence. We seek candidates who adopt and practice the Principles of Community, which are fundamental to our ongoing efforts to increase access and inclusion, and to create a community that nurtures learning and growth for all of its members. Virginia Tech actively seeks a broad spectrum of candidates to join our community in preparing leaders for the world.

About the College of Natural Resources and Environment

The Department of Forest Resources and Environmental Conservation is one of four departments within the College of Natural Resources and Environment. The department supports two degrees and five majors (environmental conservation and society, environmental informatics, environmental resources management, forestry, and water: resources, policy, and management), with an overall enrollment of about 330 students in 2019-2020. The department has about 28 tenure-track faculty members.