JOB ANNOUNCEMENT

Faculty Position in

FOREST BIOMETRICS AND MODELING

School of Forest Resources
University of Maine
Orono

The School of Forest Resources at the University of Maine is seeking applications for an academic-year, tenure-track Assistant or Associate Professor position in forest biometrics and modeling. This position is part of a new NSF/EPSCoR (National Science Foundation / Experimental Program To Stimulate Competitive Research) and MEIF (Maine Economic Improvement Fund) grant to develop a nationally recognized institute in forest bioproducts research. The position will be 80% research and 20% teaching, subject to negotiation. Salary will be commensurate with qualifications, experience, and the rank of Assistant or Associate Professor.

Responsibilities:

Research: The successful candidate will be expected to create a nationally recognized, externally funded research program that advances biometric knowledge as applied to forest resources, and develops quantitative modeling tools to improve understanding about forest ecosystems. Results from this research are expected to be published in leading peer-reviewed journals and other outlets. The initial research focus will be modeling the growth and yield of woody biomass, and on the sustainability of a forest bioproducts industry, in the Northeastern United States. The successful candidate will be part of an interdisciplinary team addressing the scientific underpinnings, system behavior, and policy implications for the production of forest bioproducts that meet societal needs for materials, chemicals, and fuels.

Teaching: The successful candidate will be expected to (1) teach an undergraduate course in the area of forest measurements and modeling, (2) develop a graduate course in his/her area of expertise, and (3) serve as advisor to both undergraduate and graduate students. Teaching requirements will be within the expectation of the negotiated teaching appointment.

Service: The successful candidate will be expected to pursue informal extension and public service activities, such as interacting with Cooperative Extension staff and government agency personnel, providing assistance to industrial and non-industrial landowners, and serving on campus committees and professional organizations. Teaching, research, and service responsibilities are to be consistent with the University's land grant mission.

Qualifications:

A Ph.D. with specialization in forest biometrics, modeling, wood supply analysis, statistical methods, or closely related field is required. At least one degree in forestry is preferred. The

successful candidate will have training and experience in the application of quantitative methods to forest management problems, including synthesizing biological information and theory into models of forest growth. Preference will be given to candidates with experience in the analysis and modeling of forest growth and yield, and a proven ability to obtain extramural research funding, publish in leading peer-reviewed journals, and provide effective classroom instruction. Applicants must be eligible to accept employment in the United States at the time the appointment is made.

Background:

The University of Maine (www.umaine.edu) has the oldest continuously accredited 4-year Forestry program in the U.S. and is located in Orono, a small college town bounded by the Stillwater and Penobscot Rivers. The campus is just eight miles north of Bangor, a commercial center for Maine and the Maritime Provinces of Canada. The Bangor Region is centrally located in the state, providing nearby access to mountains, forests, parks, rivers, lakes, and the coast. The School administers programs leading to baccalaureate degrees in Forest Operations Science, Forestry, Forest Ecosystem Science & Conservation, Parks, Recreation & Tourism, and Wood Science & Technology. The School also is closely aligned with a new Center for Research on Sustainable Forests. Detailed information on programs and faculty is available at www.forest.umaine.edu.

Deadlines:

Review of applications will begin **October 15, 2006** and continue until a qualified pool of applicants is identified. The desired starting date is January 2007 or earlier.

Application:

Please send CV, transcripts of all academic work, and names and addresses of three references to:

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Search Committee Chair
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