JOB ANNOUNCEMENT

Faculty Position in

Nanotechnology of Renewable Materials

School of Forest Resources
University of Maine
Orono, ME

The School of Forest Resources at the University of Maine is seeking applications for an academic-year, tenure-track Assistant Professor with research interests in the field of nanotechnology of renewable materials. This position is part of a strategic initiative to bolster research and education in the Forest Operations, Bioproducts and Bioenergy (FOBB) within the School, and is aligned with ongoing activities in the Advanced Structures and Composites Center and the Forest Bioproducts Research Institute. The position will be 75% research and 25% teaching.

Responsibilities:

Research: The successful candidate will be expected to develop a nationally recognized, externally funded research program using materials science, colloid and surface science, polymer technology, and related methods to solve important problems in development of nanomaterials from forest-based, renewable resources. Results from this research are expected to be published in leading peer-reviewed journals and other outlets.

Teaching: The successful candidate will be expected to (1) teach an undergraduate course(s) in the FOBB major, (2) develop graduate courses in the nanoscale bioproducts, and (3) serve as an advisor to both undergraduate and graduate students. Teaching requirements will be within the expectation of the 25% teaching appointment.

Service: The successful candidate will be expected to pursue public service activities, such as providing assistance to representatives from the forest products industry and government agency personnel, and serving on campus committees and professional organizations.

Research, teaching, and service responsibilities are to be consistent with the University of Maine’s Land Grant mission.

Qualifications:

A Ph.D. with documented research experience in nanoscale materials science, or related field is required and experience with nanocomposite materials, bio-based materials, and surface science is desired. A demonstrated commitment to excellence in undergraduate and graduate education, and a proven ability to obtain extramural research funding and publish in leading peer-reviewed journals is desired.
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 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 of Forest Resources administers programs leading to baccalaureate degrees in Forestry; Forest Operations, Bioproducts & Bioenergy; and Parks, Recreation & Tourism. The School also is closely aligned with the Advanced Structures and Composites Center, The Forest Bioproducts Research Institute, and the Center for Research on Sustainable Forests. Detailed information about programs and faculty is available at www.forest.umaine.edu.

Deadlines:

Review of applications will begin October 1, 2012 and continue until position is filled.

Anticipated Start Date: Position available January 1, 2013 or commensurate with applicant’s availability.

Application:

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

Dr. Douglas J. Gardner  
Chair, Nanotechnology of Renewable Materials Faculty Search Committee  
School of Forest Resources  
University of Maine  
5755 Nutting Hall  
Orono ME 04469-5755  
Telephone: (207) 581-2846; Fax (207) 581-2074  
douglasg@maine.edu

Incomplete applications cannot be considered. Appropriate background checks will be required.

On January 1, 2011, UMaine became a tobacco-free campus. Information regarding UMaine’s tobacco-free policy is online at http://umaine.edu/tobaccofree/.

The University of Maine is an Equal Employment Opportunity/Affirmative Action Employer.