

Assistant/Associate Professor of Social-Ecological Systems Modeling

The School of Economics (SOE) and the Senator George J. Mitchell Center at the University of Maine invite applications from social scientists for a tenure-track faculty position in SOE at the assistant or associate professor level. The successful candidate will join a new Sustainability Solutions Initiative (SSI) funded by a 5-year, \$20 million NSF EPSCoR grant. The position is one of four new hires supported by SSI, an innovative program in sustainability science. The successful candidate will participate in interdisciplinary research to develop and implement models of coupled natural-human systems. Information about SOE may be obtained at <http://www.umaine.edu/soe/> and about SSI at <http://www.umaine.edu/sustainabilitysolutions/about/index.htm>.

Responsibilities:

The successful candidate will tackle pioneering research problems associated with modeling of coupled natural-human systems, develop innovative courses, and meet service expectations through involvement in the efforts of the SSI and SOE. This faculty member will be expected to develop an active, nationally and internationally recognized, and externally funded research program. The successful candidate will be expected to teach a modeling course to support the SSI, develop/teach additional courses to support SOE academic programs, and serve as an advisor to graduate and undergraduate students.

Qualifications:

A Ph.D. with specialization in social science modeling or related area is required by the time of appointment. Expertise in one or more of the following modeling approaches is preferred: empirical quantitative modeling, simulation-based modeling, agent-based modeling/multi-agent systems, complexity science, neural networks, social network analysis, visualization or spatial social science. Preference will also be given to candidates with experience in empirical modeling of land use/land cover, forest management, or climate change; expertise in geographic information systems; experience completing interdisciplinary research and working on interdisciplinary teams; and ability to obtain external funding, publish in leading peer-reviewed journals, and provide excellent classroom instruction.

Applications:

Candidates must demonstrate the ability to obtain external funding to support their research program and to produce high-quality scholarship and publications. Candidates must also demonstrate the capacity for excellent teaching and mentoring. Candidates at the associate professor rank must have a proven track record in these areas. Candidates at the assistant professor level must show promise of significant scholarship and teaching ability.

Applications must include all of the following materials for consideration: (1) a cover letter that explicitly describes your qualifications and demonstrates your capacity to complete the position's responsibilities; (2) curriculum vitae; (3) names and contact information of three professional references; (4) graduate transcript; and (5) a sample of research. Please send materials in PDF form to tammy.crosby@maine.edu or in hard copy to Tammy Crosby, School of Economics, Attn: SSI Professor Search Committee, 5782 Winslow Hall, Room 206, University of Maine, Orono, Maine 04469-5782. Review of applications will begin Dec. 15, 2009. The expected start date is September of 2010, with a possibility of an earlier start date if it is mutually agreeable and funding is available.

The University of Maine is an equal opportunity/affirmative action employer committed to maintaining an intellectually and culturally diverse faculty.