

Tenure-Track Faculty Positions - Transportation Systems

School of Engineering

College of Engineering & Mathematical Sciences

The University of Vermont

The School of Engineering at The University of Vermont invites applications for up to two tenure-track assistant or associate professor positions in Transportation Systems Engineering. This opportunity follows the establishment of UVM as a National University Transportation Center (UTC) with a \$16M grant from the USDOT. The UTC's theme is Advanced Technologies and Sustainable Systems for Northern Communities. The UVM Transportation Center plans to partner in the near future with other departments on the UVM campus to provide start-up funding for additional tenure-track faculty to support its mission of building a campus-wide interdisciplinary transportation group. One such position is currently being advertised in the Public Administration Program of the Community Development and Applied Economics Department at UVM.

For the School of Engineering positions, we seek scholars with research expertise in systems modeling with a focus on transportation energy, environmental impacts or sustainable transportation system design. Of particular interest is modeling supportive of the wide-spread deployment of alternative-energy vehicles and alternative fuels in the complex nation-wide transportation system. Strong modeling experience based on real-world data is essential with a demonstrated interest in policy-relevant applications. Applicants must complement the College's Complex Systems graduate focus area and be experienced with the activity analysis or agent-based methodologies common within the transportation demand and planning fields. The faculty member will contribute to undergraduate and graduate instruction and maintain an active program of externally-funded research and graduate student advising. Development of a funded research program in partnership with the UVM Transportation Center is expected. The College of Engineering and Mathematical Sciences is in a significant research growth mode, and the new faculty member is expected to be instrumental in this process.

The successful candidate would join approximately 30 permanent faculty in the School of Engineering (www.uvm.edu/~cems/soe/), one of three divisions in the College of Engineering and Mathematical Sciences. Candidates must have a Ph.D. degree in an engineering field, a proven record of scholarly activities, and show potential for strong performance in research and teaching in one of the School's accredited civil, electrical, environmental, or mechanical engineering programs.

The University of Vermont is an Affirmative Action/Equal Opportunity employer. All Departments are committed to increasing faculty diversity and welcomes applications from women and underrepresented ethnic, racial and cultural groups and from people with disabilities. The University is committed to building a culturally diverse educational

and research environment. Applicants are requested to include in their cover letter information about how they will further this goal.

Qualified applicants are encouraged to apply online at www.uvmjobs.com (search JOB#032086 or #032088). Alternatively, candidates may send a letter identifying their specific area of expertise, a current curriculum vitae, names and addresses of three references, and a detailed statement of teaching and research interests to:

Chair, Transportation Faculty Search Committee
School of Engineering
The University of Vermont
33 Colchester Ave.
301 Votey Building
Burlington, VT 05405-0156

Screening of applications will begin **November 15, 2007**, and continue until the position is filled.