

Assistant Professor of Transportation Engineering
(id:83849)
University of Maine

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Posted Mar. 4, 2024, set to expire Jul. 6, 2024

Job Title	Assistant Professor of Transportation Engineering (id:83849)
Department	Civil and Environmental Engineering http://www.civil.umaine.edu
Institution	University of Maine Orono, Maine
Date Posted	Mar. 4, 2024
Application Deadline	Open Until Filled
Position Start Date	Sep. 3, 2024
Job Categories	Assistant Professor
Academic Field(s)	Transportation Engineering
Apply Online Here	https://umaine.hiretouch.com/job-details?jobid=83849
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Job Description	

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The Department of Civil and Environmental Engineering at the University of Maine (UMaine) invites applications for a tenure track Assistant Professor position in transportation engineering. The desired areas of expertise may include but are not limited to rural transportation systems, rural mobility, pedestrian and bicycle safety in rural areas, multimodal rural transportation systems, smart transportation systems, network modeling, public transportation, transportation mobility, transportation-related artificial intelligence, data science, and cybersecurity. Candidates with expertise in green pavement materials, and new materials to enhance pavement durability in cold climates are also encouraged to apply. The CIE program is especially interested in applicants whose focus includes equity and sustainability considerations in transportation engineering, particularly improving access and mobility options for rural transportation networks.

This position is a joint appointment between the Department of Civil and Environmental Engineering and one of UMaine's four research centers/initiatives: a. Transportation Infrastructure Durability Center (<https://www.tidc-utc.org/>), under the aegis of the Advanced Structures and Composites Center (<https://composites.umaine.edu/>), b. Advanced Research Computing, Security, and Information Management (ARCSIM)(<https://umaine.edu/arcsim/>), c. UMaine Artificial Intelligence Initiative (<https://ai.umaine.edu/>), and d. Margaret Chase Smith Policy Center (<https://mcspolicycenter.umaine.edu/>).

Candidates will engage in instruction of fundamental and applied transportation engineering courses at both the undergraduate and graduate levels and enhance the Department's existing curriculum; establish and maintain a nationally competitive, externally funded research program; author high-quality peer-reviewed publications; train M.S. and Ph.D. students; and actively engage in service to the profession, university, and state. This position is 50% teaching and 50% research. The successful candidate will be strongly encouraged to obtain licensure as a professional engineer (PE) before promotion to associate professor.

Information about the CIE Department can be found at www.civil.umaine.edu. The successful candidate will join a dynamic engineering program dedicated to high-quality teaching, scholarship, and service – where faculty support work-life integration.

The Department of Civil and Environmental Engineering is part of the Maine College of Engineering and Computing (MCEC), which is a statewide, integrated solution to bring together the natural synergies of all engineering disciplines with computing and provide the technical workforce and innovations that are critical to moving our economy forward. MCEC includes the College of Engineering and School of Computing and Information Science at UMaine, the Department of Engineering at the University of Southern Maine (USM), with other collaborators to include the

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Department of Computer Science at USM and computing programs at University of Maine at Augusta (UMA) and other campuses within the University of Maine System.

UMaine is the primary graduate-degree granting institution in the state. The University is Maine's designated Land Grant and Sea Grant institution, with an R1 Carnegie Classification. Several UMaine colleges, interdisciplinary research centers, and institutes afford excellent opportunities for collaborative research. These include the Transportation Infrastructure Durability Center (formerly Region I UTC), Margaret Chase Smith Policy Center, Virtual Environment and Multimodal Interaction (VEMI) Laboratory, Advanced Structures and Composites Center (ASCC), Climate Change Institute, Senator George J. Mitchell Center for Sustainability Solutions, and the Advanced Computing Group and Advanced Research Computing, Security, and Information Management (ARCSIM), which offers significant computational resources to support high-performance computing, advanced data storage and management, and visualization.

About the University:

The University of Maine is a community of more than 11,900 undergraduate and graduate students, and 2,500 employees located on the Orono campus, the regional campus in Machias, and throughout the state. UMaine is a land, sea and space grant university, and maintains a leadership role as the University of Maine System's flagship institution. UMaine is the state's public research university and a Carnegie R1 top-tier research institution, dedicated to providing excellent teaching, research and service for Maine, the nation and the world. More information about UMaine is at umaine.edu.

The University of Maine offers a [wide range of benefits](#) for employees including, but not limited to, tuition benefits (employee and dependent), comprehensive insurance coverage including medical, dental, vision, life insurance, and short and long term disability as well as retirement plan options. As a former NSF ADVANCE institution, the University of Maine is committed to diversity in our workforce and to dual-career couples.

UMaine is located in beautiful Central Maine. Many employees report that a primary reason for choosing to come to UMaine is quality of life. Numerous cultural activities, excellent public schools, safe neighborhoods, high quality medical care, little traffic, and a reasonable cost of living make the greater Bangor area a wonderful place to live. Learn more about what the Bangor region has to offer [here](#).

Qualifications:

Required:

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- Applicants must hold B.S. and Ph.D. degrees in Civil Engineering or a closely related discipline specializing in transportation engineering by the hire date.
- Experience with transportation engineering research and a record of publications in high-quality peer-reviewed journals.

Preferred:

- The successful candidate will be strongly encouraged to obtain licensure as a professional engineer (PE) before promotion to associate professor.

Other Information:

Materials must be submitted via "Apply For Position" below. You will need to create a profile and application; upload:

- 1.) a cover letter that describes your experience, interests, and suitability for the position, including but not limited to interests in UMaine's four research centers/initiatives above mentioned
- 2.) a resume/curriculum vitae
- 3.) research Statement (maximum length: two pages)
- 4.) teaching Statement (maximum length: two pages)
- 5.) contact information for three professional references

You will also need to submit the affirmative action survey, the self-identification of disability form, and the self-identification of veteran status forms. Incomplete application materials cannot be considered. Materials received after the initial review date will be reviewed at the discretion of the University.

Search Timeline is as follows:

Review of applications to begin: April 3, 2024

Screening interviews to begin no earlier than: April 8, 2024

On-site interviews to begin no earlier than: April 22, 2024

Tentative start date: September 3, 2024

For questions about the search, please contact search committee chair Dr. Aaron Gallant at aaron.gallant@maine.edu or 207-581-2391.

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EEO/AA Policy

The University of Maine is an EEO/AA employer and does not discriminate on the grounds of race, color, religion, sex, sexual orientation, transgender status, gender expression, national origin, citizenship status, age, disability, genetic information, or veteran's status in employment, education, and all other programs and activities. The following person has been designated to handle inquiries regarding non-discrimination policies: Amie Parker, Director of Equal Opportunity, 101 North Stevens Hall, University of Maine, Orono, ME 04469-5754, 207.581.1226, TTY 711 (Maine Relay System).

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Aaron Gallant
Civil and Environmental Engineering
University of Maine
5711 Boardman Hall
Orono, ME 04469

Phone Number 207-581-2391

Contact E-mail aaron.gallant@maine.edu