**A Tenure-Track Faculty Position in Civil and Environmental Engineering – Transportation**

The Department of Civil and Environmental Engineering (CEE) in the Maseeh College of Engineering and Computer Science (MCECS) at Portland State University (PSU) invites applicants for a tenure-track position in Transportation Engineering to begin September 2023. The position requires a doctorate in civil engineering or closely related field. While the target of hiring is at the assistant professor level, outstanding applicants may be considered at all levels (associate or full professor). A successful candidate will be required to develop an externally-sponsored research program aligned with the department’s strategic vision, teach undergraduate and graduate courses, develop new graduate courses in their area of expertise, and effectively serve the profession and university.

With a bold new strategic vision of “**Bright Minds, Brilliant Cities**,” MCECS is growing in many innovative ways. Honesty, integrity, and respect for others, as well as expanding opportunities for social mobility for our students, are key values of our vision ([www.pdx.edu/cecs/strategic-vision](http://www.pdx.edu/cecs/strategic-vision)). The CEE departmental strategic vision includes research themes in prevention, planning, and management of extraordinary events; evaluation, development, and deployment of technologies that promote a better society; and creation and maintenance of healthy environments ([www.pdx.edu/cee/strategic-vision](https://www.pdx.edu/cee/strategic-vision)).

For this position, we seek candidates with a research focus in one or more of the following areas related to connected and autonomous vehicle technologies (CAVT): **coordinated, cooperative, and robust traffic control, operations, and management to improve mobility and traffic flows using CAVT; design and maintenance of the physical and digital infrastructure necessary to support CAVT; the integration of CAVT with new mobility paradigms like mobility as a service (MaaS), cyber-physical systems and internet-of-things (IoT) architectures; cybersecurity, safety, equity, and community health impacts of CAVT; and/or data centric applications of CAVT supporting transportation planning, management, maintenance, and operations**.

A successful candidate will complement our existing programs and build new departmental strengths in transportation engineering. Candidates who can effectively teach and mentor a diverse student body and who also enhance the MCECS strategic research directions are especially encouraged to apply.

Portland State University (PSU) is the most diverse university in Oregon and has been ranked among the “most innovative” national universities by the U.S. News & World Report. Our urban research university is integrated into the heart of the city and is only minutes away from the outdoor beauties of the Pacific Northwest.

The [**Department of Civil and Environmental Engineering**](https://www.pdx.edu/civil-environmental-engineering) (CEE) currently has 25 faculty members and researchers serving over 380 undergraduate and 80 graduate students. CEE offers ABET-accredited B.S. degrees in both Civil Engineering and Environmental Engineering and graduate programs at the master’s and doctoral levels. The CEE departmental [**strategic vision**](https://www.pdx.edu/civil-environmental-engineering/vision-statement) includes research themes in prevention, planning, and management of extraordinary events; evaluation, development, and deployment of technologies that promote a better society; and creation and maintenance of healthy environments. The Departmental culture encourages support and mentoring for all new faculty by promoting academic career growth and collaboration among colleagues.

[**Sustainability**](https://www.pdx.edu/sustainability/) and [**climate change**](https://www.pdx.edu/sustainability/climate) are not only at the core of the Department, but are also part of the broader mission of the university. There is incredible energy and activity surrounding transportation research. CEE faculty can join the campus-level [**Transportation Research and Education Center (**TREC**)**](https://trec.pdx.edu/) which houses the [**National Institute for Transportation and Communities (**NITC**)**](https://nitc.trec.pdx.edu/). NITC is one of twelve National University Transportation Centers funded by the USDOT, CEE faculty can submit proposals to NITC and other University Transportation Centers affiliated to PSU. More information about the department is available at [www.pdx.edu/cee](http://www.pdx.edu/cee).

**Qualifications for all positions:**

A minimum of a Ph.D. degree in civil engineering, or a relevant field, is required. Candidates with an ABD will be considered, though the Ph.D. must be completed by the employment start date.

**Job Duties/Responsibilities:**

The successful applicant will maintain scholarly and funded research activities; teach undergraduate and graduate classes; advise students; and provide service to the university, professional communities, and to the public.

**To Apply:**

Please apply at the [PSU HR website](https://jobs.hrc.pdx.edu/postings/39965) which includes detailed information and instructions.

Applicants must provide:

1. Cover letter (2-page limit)
2. Curriculum vitae (no page limit)
3. Names of three references
4. Research statement (3-page limit)
5. Teaching statement (2-page limit)
6. Contributions to diversity statement (2-page limit)

Candidates should be advised that general applications will not score well in the review process. The review committee is interested in how each candidate’s research, teaching, and contributions to diversity connect with the research, teaching, and diversity, equity and inclusion mission at PSU and the Maseeh College.

See the following link for additional [Guidance in writing the Research, Teaching, and Contributions to Diversity Statements](https://www.pdx.edu/mechanical-materials-engineering/guidance-writing-research-teaching-and-contributions-diversity-statements).

Candidates will be notified before references are contacted.

Questions regarding the search can be directed to the Search Committee Chair, Prof. MA Figliozzi (figliozzi@pdx.edu) using the subject title “Transportation Faculty Position.”

Review of applications will begin on **November 1, 2022** and will continue until the position is filled.

Portland State University is an Affirmative Action/Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sexual orientation, gender identity, national origin, disability, age or protected veteran status.