

Faculty Positions in the Advanced Infrastructure Group in the Department of Civil and Environmental Engineering at the UNIVERSITY OF PITTSBURGH

The Department of Civil and Environmental Engineering at the University of Pittsburgh invites applications for tenure-track faculty positions and an appointment-track (non-tenure-track) faculty position effective September 1, 2022. Preference will be given to appointees at the Assistant Professor level, but applicants with outstanding credentials will be considered at other levels.

These positions are part of a strategic expansion intended to support the research and teaching activities of the Advanced Infrastructure Group in the broad areas of geotechnical engineering, transportation, and/or urban systems.

We seek candidates with fundamental expertise, research, and teaching interests in one or more of the following areas: computational or experimental geomechanics, geochemistry, resilient infrastructure systems, intelligent infrastructure, and sustainable urban engineering. These areas of expertise are also relevant for the appointment-track position. We seek candidates for tenure-track positions with outstanding analytical, computational, and/or experimental skills that can interface and complement the existing strengths and initiatives within our Department (<http://www.engineering.pitt.edu/Departments/Civil-Environmental/>), and across the University of Pittsburgh (<https://www.pitt.edu/research>) to transcend traditional discipline silos and better address the complex challenges of modern societies. These initiatives include nanomaterial fabrication, additive manufacturing, computational modeling, advanced materials development, sustainability, and energy. The ability to collaborate with existing centers, such as the Mascaro Center for Sustainable Innovation (<http://www.engineering.pitt.edu/MCSI>), the Impactful Resilient Infrastructure Science and Engineering (IRISE) Consortium (<https://www.engineering.pitt.edu/irise/>), the Center for Sustainable Transportation Infrastructure (<https://www.engineeringx.pitt.edu/CSTI/>), and the Center for Energy (<http://www.engineering.pitt.edu/cfe>) is highly desirable.

Outstanding candidates will have the opportunity to join our vibrant and growing department of 22 full-time faculty members, 300 undergraduate and 130 graduate students (60 of which are PhD students). Minimum requirements to be considered for the positions are: 1) an earned doctorate in civil engineering or a closely related field; 2) a viable plan to develop and sustain a strong, externally funded research program within the applicant's area of expertise; 3) strong indication to contribute to the teaching mission of the Department's graduate and undergraduate programs; 4) evidence of good communication skills; 5) commitment to support service and diversity initiatives in the Department, Swanson School of Engineering and the University of Pittsburgh.

Interested applicants should submit: (1) cover letter, (2) CV, (3) teaching statement, (4) research interests and future plans, (5) statement of diversity and inclusion, (6) copies of three

representative publications, and (7) the names and contact information for at least three references.

Applications are being accepted to Requisition 21007052 at www.join.pitt.edu.

Review of applications will begin December 1, 2021 and will continue until the positions are filled. We strongly encourage candidates from underrepresented US minority groups and women to apply for this position. The University of Pittsburgh is an Affirmative Action/Equal Opportunity Employer and values equality of opportunity, human dignity and diversity, EOE, including disability/vets.

University of Pittsburgh faculty receive a comprehensive package of benefits, including medical, dental, vision, and life insurance; retirement savings/pension plans; and tuition scholarships for dependents. Details are available at: <http://www.hr.pitt.edu/benefits>.