

**Tenure Track Faculty Positions**  
**School of Civil and Environmental Engineering**  
**Georgia Institute of Technology**

The School of Civil and Environmental Engineering ([www.cee.gatech.edu](http://www.cee.gatech.edu)) at the Georgia Institute of Technology in Atlanta, GA invites applications for up to three tenure-track faculty positions with priority in the areas of Structural Engineering, Mechanics and Materials, and Transportation Systems Engineering. All degree programs in the School are ranked in the top five US programs. Applicants will be considered at all ranks in any of the School's research areas, with emphasis on multidisciplinary, interdisciplinary, and crosscutting activities. Faculty candidates at the Assistant Professor rank are sought in two particular areas: (1) **Structural Engineering, Mechanics and Materials**, with emphasis on expertise in bridging infrastructure materials, mechanics, and structural design. Competencies and interest in advanced experimental techniques and construction methods, additive manufacturing, artificial intelligence, and/or data analytics are desired. (2) **Transportation Systems Engineering**, with no restriction on research specialty. Outstanding faculty candidates in other areas of Civil Engineering including Environmental Engineering (ENVE), Construction and Infrastructure Systems Engineering (CISE), Water Resources Engineering (WRE) and Geosystems Engineering (GEO) will be considered, particularly those with expertise in leveraging materials innovations and data science to address issues in those disciplinary areas.

Diversity is one of Georgia Tech's strengths and one of the major priorities identified in our strategic plan. Georgia Tech is an equal education/employment opportunity institution dedicated to building and sustaining a diverse community. We believe that diversity includes the individual perspectives among people from differing social, racial, or ethnic backgrounds, sexual orientations, gender identities and expressions, economic circumstances, personal characteristics, philosophical outlooks, life experiences, beliefs, expectations, physical abilities, and aspirations. Each of these characteristics, both singularly and in combination, contributes to the richness of the Georgia Tech community. Georgia Tech has policies to promote a healthy work-life balance and is aware that attracting faculty may require meeting the needs of two careers.

Broadly, we seek candidates whose work contributes to the School's interdisciplinary, crosscutting research areas of smart cities, sustainable systems, healthy communities, and resilient infrastructure systems. Further, the School seeks to expand its research and teaching expertise in interdisciplinary areas that address global grand challenges. Preference will be given to candidates at the assistant professor level, but exceptional candidates at the associate professor or professor levels will be considered. Candidates are expected to teach undergraduate and graduate level courses and mentor a diverse student body. Along with undergraduate and graduate teaching, each position requires a balance of research and service responsibilities. Candidates shall have either demonstrated or shown a clear

potential for creative and independent research that would lead to a strong, extramurally funded research program and national/international recognition.

Georgia Tech is a top-ranked public research university situated in the heart of Atlanta, a diverse and vibrant city with great economic and cultural strengths. The Institute is a member of the University System of Georgia, the Georgia Research Alliance, and the Association of American Universities. Georgia Tech prides itself in its high-quality student body, faculty focus on excellence, outstanding staff, technology resources, interdisciplinary culture, and commitment to diversity, equity, and inclusion (DEI). The School of CEE is committed to building an inclusive intellectual community that is reflective of the diverse population it serves and particularly encourages applications from women and underrepresented groups.

The School of Civil and Environmental Engineering at Georgia Tech currently has approximately 630 undergraduate students, 400 graduate students, and 51 tenure-track faculty members. Women comprise 48% of the undergraduate population, and more than 26% of the undergraduate student population identifies as a member of under-represented minority groups. Thirteen faculty members are women, and six faculty members identify as a member of under-represented minority groups. Twenty-three faculty members hold endowed chairs or professorships with 30% of them being women faculty. The 2023 US News and World Report rankings place the Civil Engineering undergraduate program at #2 and the Environmental Engineering undergraduate program at #3 in the country. The corresponding graduate programs are ranked #3 and #3, respectively.

Applicants should submit: (1) a letter of application indicating your area of interest; (2) a curriculum vitae; (3) a statement of research interests; (4) a statement of your teaching philosophy, teaching interests, and advising and mentoring philosophy; (5) a statement describing your understanding of, prior engagement in, and plans for future activities to support DEI; and (6) the names and contact information of at least three references. Application materials should be uploaded as .PDF files via <https://tinyurl.com/3tsa7s3h> using the naming convention indicated on the submission site. Requests for information may be directed to Dr. Jian Luo ([jian.luo@ce.gatech.edu](mailto:jian.luo@ce.gatech.edu)), Chair of the CEE Faculty Search Committee. Screening of applications will begin November 28, 2022 and will continue until the position is filled.

A Ph.D. or equivalent qualification is required by the start of the appointment, and a background check must be completed prior to employment.