



ILLINOIS INSTITUTE OF TECHNOLOGY

**Armour College of Engineering**

Department of Civil, Architectural, and Environmental Engineering

## **Tenure-Track Faculty Position in Structural Engineering**

The Department of Civil, Architectural, and Environmental Engineering (CAEE) at Illinois Institute of Technology (Illinois Tech) invites applications for a full-time tenure track faculty position to support education and research activities in Structural Engineering, to be filled at the rank of Assistant Professor. Candidates at the rank of Associate Professor may also be considered. The successful candidate will be expected to (1) teach undergraduate and graduate courses in structural materials and structural design, (2) develop and sustain a strong externally funded research program, (3) interact with a multi-disciplinary group of faculty members and students within and outside the Department and the University, and (4) be involved in service to the university and the profession. The CAEE Department's priority areas for this position include, but are not limited to, structural behavior and design, structural materials, seismic design, and experimental methods. Candidates must hold an earned doctorate in civil engineering with specialization in structural engineering. The successful candidate is also expected to obtain a professional engineering license within three years of beginning employment with Illinois Tech.

To apply, please send (1) a cover letter describing your interest in the position and the university, (2) statements of teaching and research interests, (3) a detailed CV, (4) a sample of up to three published journal articles, and (5) the names and contact information of five references (all collated in one PDF file) electronically to Charlotte Jackson, CAEE Academic Program Coordinator ([cjackson6@iit.edu](mailto:cjackson6@iit.edu)). Letters of reference will only be solicited for semi-finalists. Inquiries about the position should be directed to Dr. Mehdi Modares, Search Committee Chair ([mmodares@iit.edu](mailto:mmodares@iit.edu)). The review of applications will begin December 1, 2018 and continue until the position is filled. The position is expected to be filled no later than August 2019.

### **Illinois Tech**

Illinois Tech is a private Ph.D.-granting research university located just three miles south of downtown Chicago, with world-renowned programs in engineering, architecture, sciences, humanities, psychology, business, law, and design. The Armour College of Engineering is the largest college at Illinois Tech. The mission of Armour College is to prepare engineering students to be the innovators and entrepreneurs that will shape the future. Among the many efforts to facilitate collaborative educational approaches in the college and across the university, Armour College offers a Distinctive Education program that comprises Engineering Themes, Undergraduate R&D, and Student-Led Projects. Engineering Themes are a group of experiences that help undergraduates explore worldwide engineering issues while completing an accredited degree in their chosen field, without modifying their degree plan. The current Engineering Themes are: Water, Health, Energy, and Security. The Undergraduate R&D program provides students the opportunity to gain hands-on experience in exploring topics of high priority and relevance throughout their undergraduate degrees. Student-led projects allow for engineering students, groups, and organizations to request funding for projects that will positively impact the Illinois Tech and Armour College community. Illinois Institute of Technology is an EEO/AA/Section 504/ADA employer committed to enhancing equity, inclusion and diversity within its community. It actively

seeks applications from women, minorities, individuals with disabilities, veterans, and other underrepresented groups. All qualified applicants will receive equal consideration for employment.

### **Department of Civil, Architectural, and Environmental Engineering**

The mission of the Department of Civil, Architectural, and Environmental Engineering (CAEE) is to prepare students to begin the practice of the profession and for challenges facing civil, architectural, and environmental engineers in the 21<sup>st</sup> century. The CAEE Department has approximately 420 students, including approximately 240 undergraduate students and 180 graduate students, and 13 full-time faculty members. This position announcement is the first of an ambitious multi-year faculty hiring campaign through which the CAEE Department will add several new faculty members by 2022.

Current degree programs in CAEE include: ABET-accredited bachelor's degrees in Civil Engineering and Architectural Engineering; master's degrees in Civil, Architectural, Structural, Transportation, Environmental, and Construction Engineering; and doctoral degrees in Civil Engineering and Environmental Engineering. The department has significant research programs in architectural, transportation, structural, environmental, and construction engineering. Information on faculty, research, and degree programs in the CAEE Department can be found at <http://engineering.iit.edu/caee>. Faculty members in CAEE also contribute to new interdisciplinary engineering master's degrees including Energy Systems Engineering and Urban Systems Engineering.

The CAEE Department maintains a number of experimental facilities that will be available for the successful candidate to use for teaching and research in structural engineering, including several universal testing machines (capacities ranging from 22,000 lbs. to 400,000 lbs.); machines for fatigue, compression, impact, and hardness testing; and an atomic force microscope.