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Job Details

Title: Associate/Full Professor - Civil and Materials Engineering (Job ID #115245)

Department: Engineering

Category: Faculty

Location: Chicago

Close Date: 01/17/2020

Description:

SEARCH EXTENDED

The Department of Civil and Materials Engineering (CME) at the University of Illinois at Chicago (UIC), invites applications for a full-time faculty position in the field of structural engineering. Opening is at the Full Professor or Associate Professor level with a proven excellent track record of research and funding. Areas of expertise include but are not limited to: experimental testing of large-scale structures; large-scale innovative design and testing; multi-functional materials testing in large scale; hazard mitigation technologies and designs, or related areas. CME's strategic plan recommends further grow by investing in opportunities for leadership in large-scale innovative structural testing in the Chicago area. The successful candidate will have the opportunity to be the director of CME's newly constructed High Bay Structures Laboratory which is located in the College of Engineering's recently completed Engineering Innovation Building (EIB). The laboratory dimensions are 60 feet wide, 100 feet long, and 45 feet clearance height. The entire lab is a large 6' deep heavily reinforced strong floor and supports a 30 feet high L-shaped strong wall. The departmental faculty members are highly involved in conducting collaborative and interdisciplinary research.

The CME Department has a vibrant civil and materials engineering program. Faculty members in the Department are highly active in conducting cutting-edge and interdisciplinary research. Opportunities are available to collaborate with UIC's other departments, including Mechanical and Industrial Engineering, Bio Engineering, Chemical Engineering, Electrical and Computer Engineering, College of Medicine, and Physics. The successful candidate is expected to build a strong collaboration with other CME and UIC faculty.

The Department offers BS, MS, and PhD degrees in Civil Engineering, MS degree in Construction Engineering and Management, and MS and PhD degrees in Materials Engineering, and currently has an undergraduate enrollment of about 360 and a graduate enrollment of about 200. More information about the Department can be found at <http://www.cme.uic.edu>.

Duties: The successful candidate will possess an earned PhD in Civil Engineering or a closely related field from an ABET-accredited program specialized in large-scale structural testing with a strong record of publications in prestigious journals, potential to secure external funding and experience in teaching structural design and analyses courses. Consideration priority will be also given to the candidates who are registered Professional Engineers (PE) or they are on track to obtain their PE licensure within one year of employment.

Successful candidate will be expected to establish a strong sponsored research program, teach and develop undergraduate and graduate courses, and advise students. The successful candidate will be expected to perform interdisciplinary research, interface with industry, federal, state, local, national labs, and other governmental agencies to attract external funds for support of research, and to actively contribute to internal and external professional service.

The UIC College of Engineering's annual research expenditures exceed \$32 million. The campus is located in the heart of the modern, livable, vibrant, and diverse city of Chicago, and adjacent to high-tech suburban corridors that include prominent national laboratories and industries, offering unique advantages and considerable growth potential for interactions with industry. UIC is the largest institution of higher learning in the Chicago metropolitan area, with an annual budget in excess of \$2 billion. It is one of only four Carnegie Foundation Research-I universities in the State of Illinois.

Qualifications: Successful candidates will possess a PhD (or equivalent) in Civil Engineering focusing on Structural Engineering, and will be expected to establish a strong sponsored research program, teach and develop undergraduate and graduate courses, and advise students. The successful candidate will be expected to perform interdisciplinary research, interface with industry, federal, state, local, national labs, and other governmental agencies to attract external funds for support of research, provide service to the university and the profession, and publish in technical journals.

Qualified applicants are required to send a letter of application indicating their qualifications, an up-to-date CV including the names and contact information of three references, and separate statements outlining their future teaching and research plans. For fullest consideration, applications must be submitted online at <http://jobs.uic.edu>. Applications from women and under-represented minority groups are strongly encouraged. The University of Illinois conducts background checks on all job candidates upon acceptance of contingent offer of employment. Background checks will be performed in compliance with the Fair Credit Reporting Act. As an EOE/AA employer, the University of Illinois will not discriminate in its employment practices due to an applicant's race, color, religion, sex, national origin, and veteran or disability status.

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The University of Illinois at Chicago is an Equal Opportunity, Affirmative Action employer. Minorities, women, veterans and individuals with disabilities are encouraged to apply.

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