

Tenure-track Assistant Professor in the Department of
Civil and Environmental Engineering
Florida International University

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Posted Sep. 19, 2024, set to expire Jan. 19, 2025

Job Title	Tenure-track Assistant Professor in the Department of Civil and Environmental Engineering
Department	Department of Civil and Environmental Engineering
Institution	Florida International University Miami, Florida
Date Posted	Sep. 19, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Ecological and Environmental Civil Engineering
Apply Online Here	https://facultycareers.fiu.edu
Apply By Email	

Job Description

Florida International University is a top public university that drives real talent and innovation in Miami and globally. Very high research (R1) activity and high social mobility come together at FIU to uplift and accelerate learner success in a global city by focusing in the areas of environment, health, innovation, and justice. Today, FIU has two campuses and multiple centers. FIU serves a diverse student body of more than 56,000 and 290,000 Panther alumni. U.S. News and World Report places dozens of FIU programs among the best in the nation, including international business at No. 2. Washington Monthly Magazine ranks FIU among the top 20 public universities contributing to the public good.

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The Department of Civil and Environmental Engineering (CEE) at Florida International University (FIU) invites applications for a tenure-track, faculty position at Assistant Professor, in Structural Engineering with specialization in Bridge Engineering. The anticipated start date will be Spring 2025. This position is part of an initiative to expand broad bridge engineering expertise at FIU.

In 2013, the U.S. Department of Transportation (DOT) funded a Tier One University Transportation Center (UTC) (www.abc-utc.fiu.edu) at FIU, which was devoted to Accelerated Bridge Construction (ABC). In 2016, the U.S. DOT continued funding of the ABC-UTC. In 2023, the U.S. DOT funded a Tier One Innovative Bridge Engineering/Accelerated Bridge Construction UTC (IBT/ABC-UTC) at FIU. Through the efforts of ABC-UTC, IBT/ABC-UTC, and support from the private industry, Federal and other State transportation agencies, the CEE department is carrying out major research studies in bridge engineering, through its University Transportation Center. The department boasts sophisticated and state of the art testing facilities such as the Titan America Structures and Construction Testing Laboratory and The Wall of Wind (WOW) (www.wow.fiu.edu). WOW is among seven labs in the nation with the designation of “Experimental Facilities” under the Natural Hazards Engineering Research Infrastructure (NHERI) program announced by the National Science Foundation.

Applicants should preferably have a B.S. degree in Civil Engineering and a Ph.D. degree in Civil Engineering or a closely related discipline. Candidates must have completed their Ph.D. at the time of employment. Strong evidence of research/scholarship excellence is required. Industrial experience is preferred. Registration as a Professional Engineer in Florida (or the ability to obtain such licensure within four years of employment) is preferred. Responsibilities will include teaching at both the undergraduate and graduate levels in the structural engineering curriculum, directing graduate students, and establishing an externally funded research program in the area. Established working relationship with agencies funding research projects will be a plus.

The successful candidate will be expected to collaborate with ongoing activities at IBT/ABC-UTC and work with affiliated faculties on ongoing research studies, complement the existing expertise, articulate a coherent agenda of research and scholarship and to identify potential funding sources for such research. Preferred areas of expertise include, but not limited to advanced materials, corrosion engineering, prestressed concrete, automation in bridge engineering and use of emerging advanced technologies in bridge engineering, such as Artificial Intelligence.



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Review of applications will commence on October 15, 2024 and will continue until the position is filled. Applications must be made on-line at <https://facultycareers.fiu.edu> to Job Opening ID533334. Applications should be submitted as a single pdf file that includes a signed cover letter, a complete curriculum vitae (including a list of publications, research and teaching experiences), statements on research and teaching philosophy, and three references with complete contact information. Candidates should specify their main area of expertise in the cover letter. For more information about the department and bridge engineering program, please visit <http://www.eng.fiu.edu/cee/andhttps://abc-utc.fiu.edu/>.

Pre-Employment Requirements

Criminal Background Check

How To Apply

Prospective Employee

If you have not created a registered account, you will be asked to create a username and password for use of the system. It is recommended that you provide an active/valid e-mail account as that will be the main source of communication regarding your status within the process. In this account, you are able to track your applicant status in "My Applications".

In order to be considered eligible for the position as an internal candidate, departmental staff must meet minimum requirements of the position, be in good performance standing, and have been continuously employed at the University for at least six months.

Before you begin the process, we recommend that you are prepared to attach electronic copies of your resume, cover letter or any other documents within the application process. It is recommended that you combine your cover letter and resume/curriculum vitae into one attachment. Attached documents should be in Microsoft Word or PDF format. All applicants are required to complete the online application including work history and educational details (if applicable), even when attaching a resume.

How To Apply

Current Employee

As a current employee, you must log into Employee Self Service (ESS) to apply for this and any other internal career opportunity of interest. In this account, you are able to track your applicant status in "My Applications".

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About FIU

Florida International University is Miami's public research university, focused on student success. FIU is the fastest-rising university in the past 10 years in the U.S. News & World Report's public university rankings, and FIU is currently ranked 72nd. FIU is designated a Carnegie "R1" Very High Research Activity and is top 10 in the past decade in research expenditure growth among Carnegie R1 public universities. FIU is also ranked among the top 15 most innovative public universities in U.S. News & World Report's annual rankings, is top 20 for patents among U.S. public universities, and has had over \$1 billion in research expenditures in the last five years (\$246M in 2021). FIU is among the top five largest universities in the United States serving 60,000 students from diverse backgrounds and produces the largest number of Hispanic graduates in the nation. The Next Horizon fundraising campaign is furthering FIU's commitment to providing students Worlds Ahead opportunities. Today, FIU has two campuses and multiple centers, and supports artistic and cultural engagement through its three museums: the Patricia & Phillip Frost Art Museum, the Wolfsonian-FIU, and the Jewish Museum of Florida-FIU. FIU is a member of Conference USA, with more than 400 student-athletes participating in 18 sports. The university has awarded more than 330,000 degrees to many leaders in South Florida and beyond. For more information about FIU and FIU CEE, visit www.fiu.edu and cee.fiu.edu.

FIU is a member of the State University System of Florida and an Equal Opportunity, Equal Access Affirmative Action Employer all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability or protected veteran status.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.



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