

Tenure-Track Faculty Position in Integrated Urban Design
University of California, Irvine

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Posted Sep. 21, 2021, set to expire Jan. 23, 2022

Job Title	Tenure-Track Faculty Position in Integrated Urban Design
Department	Civil & Environmental Engineering https://engineering.uci.edu/dept/cee
Institution	University of California, Irvine Irvine, California
Date Posted	Sep. 21, 2021
Application Deadline	Dec. 31, 2021
Position Start Date	Available Immediately
Job Categories	Assistant Professor
Academic Field(s)	Water Resources Engineering Transportation Engineering Sustainable Engineering Structural Engineering Industrial & Systems Engineering Ecological and Environmental Energy Technology Civil Engineering
Job Website	https://recruit.ap.uci.edu/JPF07118

Apply By Email

Job Description

The UCI Department of Civil and Environmental Engineering (CEE) invites applications for a tenure-track assistant professor position in integrated urban design engineering. We are particularly interested in a civil and environmental systems engineer who connects multiple domains including water, energy, materials and structures, transportation, and the environment for smart and sustainable solutions to

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emerging urban challenges. The ideal candidate will have expertise in systems analysis and data science and apply this training to urban contexts subject to scarcity, inequity, pollution, population growth, extreme events, and climate change, addressing topics such as long-term sustainability and resilience. Areas of interest include (but are not limited to) life cycle analysis, large-scale quantitative modeling of city design, energy systems, urban mobility, and sustainability. The candidate is expected to use computational, theoretical, and/or experimental approaches and develop a leading interdisciplinary program on integrated urban design and management that proceeds from concept to implementation.

UCI offers an exceptional environment for a successful career in civil and environmental engineering. Outside of CEE, UCI is home to complementary faculty in fields of natural, social, and information sciences and the collaborative campus environment offers many opportunities for convergent research. The School of Engineering houses several interdisciplinary research centers, including the Institute of Transportation Studies (ITS), the Advanced Power and Energy Program (APEP) and the California Institute for Telecommunications and Information Technology (CALIT2). UCI ranked 1st on the New York Times list of Top Colleges Doing the Most for Low-Income Students, 8th on Forbes' list of Best Value Colleges, and consistently ranks among the top 15 public universities in the U.S.

Located in the heart of diverse Orange County with a population of over 3 million, UCI enjoys the best of what Southern California has to offer: beaches, mountains, deserts, nature preserves, and a broad variety of cultural, entertainment, and intellectual activities. UCI is located 4 miles from the Pacific Ocean, 45 miles south of Los Angeles, and 60 miles from various mountain ranges. Irvine is one of the safest communities in the U.S. and one of the highest-ranked K-12 public-school systems in the country. Irvine and Orange County also offer an extremely dynamic and diversified business community.

Applicants are expected to have a doctorate from an accredited university in a relevant science or engineering discipline. Successful candidates will be expected to develop a vigorous externally funded research program, maintain a strong publication record, advise students, provide outstanding teaching at the undergraduate and graduate levels, and contribute their leadership and innovative thinking toward excellent programs and projects within the department and the university. Applications should include a cover letter, a curriculum vitae, descriptions of research and teaching interests, a statement describing commitment to diversity, and the names and contact information of at least four references.

Applications received by November 1, 2021 will be given full consideration but the search will remain open until the position is filled. Applications should be submitted electronically at <https://recruit.ap.uci.edu/JPF07118>

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The University of California, Irvine is an Equal Opportunity/Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, protected veteran status, or other protected categories covered by the UC nondiscrimination policy.

More Info: <http://engineering.uci.edu/dept/cee>

EEO/AA Policy

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Contact Information

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

Contact April Heath
Civil & Environmental Engineering
University of California, Irvine
4130 Engineering Gateway
Irvine, CA 92697

Phone Number 9498245333

Contact E-mail a.heath@uci.edu