

Assistant Professor - Architectural Engineering University of Kansas

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Posted Nov. 25, 2024, set to expire Mar. 22, 2025

Job Title	Assistant Professor - Architectural Engineering
Department	Department of Civil, Environmental and Architectural Engineering http://enr.ku.edu/
Institution	University of Kansas Lawrence, Kansas
Date Posted	Nov. 25, 2024
Application Deadline	Open until filled
Position Start Date	August 2025
Job Categories	Assistant Professor
Academic Field(s)	Energy Technology Architectural (Building & Construction)
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Job Description

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Assistant Professor - Architectural Engineering
Civil/Environ/Arch Engineering
29228BR

Position Overview:

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The University of Kansas (KU) Department of Civil, Environmental and Architectural Engineering (CEAE) seeks an outstanding individual for a tenure track position at the rank of Assistant Professor in the discipline of Architectural Engineering. The successful candidate is expected to contribute to the development of academic and research programs and to the research community.

This search is focused on those candidates exploring cutting edge efforts under the interdisciplinary theme of energy, including the following: integrated building or district energy systems, building-to-grid integrations, grid-interactive buildings, distributed energy resource management, building energy resilience, building energy efficiency and decarbonization, environmentally-sustainable buildings, and/or renewable energy sources such as solar, geothermal, and wind power for buildings or communities, grid reliability and energy infrastructure as well as net-zero-energy buildings and net metering. The successful candidate must have an earned doctorate in architectural, mechanical, or electrical engineering or a closely-related discipline at the time of appointment. Candidates must demonstrate potential to develop a collaborative and externally-funded research program and to design and teach high quality undergraduate and graduate courses. The target starting date is August 18, 2025. The successful candidate must be eligible to work in the U.S. prior to the start of the position.

The University of Kansas School of Engineering (<http://enr.ku.edu/>) has undergone a significant expansion while taking explicit care to maintain and improve the high-quality student programs the university is known for. The effort involved a multi-faceted approach aimed at growing our facilities, faculty, leadership, research and, most important, supporting students, as it helps industry partners find the new talent, designs and techniques they need to fuel economic growth and business success. The Department of Civil, Environmental & Architectural Engineering (<http://ceae.ku.edu/>) currently has 24 tenured/tenure-track faculty, four professors of practice, one teaching professor, one research professor, and approximately 340 undergraduate students and 160 graduate students, with programs leading to bachelor's, master's, and doctoral degrees.

The University of Kansas is a Carnegie doctoral/research-extensive university with a \$1.4 billion endowment and a faculty of 2,600. Current enrollment is 28,500 (19,000 undergraduate), with students drawn from 110 nations and all 50 states, 20.6% of KU students are members of minority groups. The 1,000-acre main campus is in Lawrence, a community of 95,000 in hilly northeast Kansas that lies about 35 miles west of Kansas City. Lawrence has a lively downtown and a thriving arts and music scene, and its local government has enacted ordinances supporting equality for all members of its population. Lawrence also offers numerous sports and recreational opportunities, local shops, and a wide range of good restaurants.

KU's excellence is a result of the rich tapestry of experiences, perspectives, and backgrounds of our

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faculty, staff, students, and colleagues from across our nation and the globe. At KU, we invest in continuous learning and growth by creating a climate where people engage in respectful dialogue and support each other's success. We foster a culture of care where each person is seen, heard and valued. When people feel a true sense of belonging, we believe they are better able to reach their full potential and achieve remarkable things.

KU's vision is to be an exceptional learning community that lifts each other and advances society. Our institutional priorities are to educate leaders, build healthy communities, and make discoveries that change the world. Additional information is available at <https://jayhawksrising.ku.edu/>.

Job Description:

40% Teaching

Teach undergraduate and graduate courses in architectural engineering. Develop courses and participate in curriculum development. Supervise and mentor undergraduate and graduate students throughout the course of their studies.

40% Research

Perform and conduct research related to energy, including integrated building or district energy systems, building-to-grid integrations, grid-interactive buildings, distributed energy resource management, building energy resilience, building energy efficiency and decarbonization, environmentally-sustainable buildings, and/or renewable energy sources such as solar, geothermal, and wind power for buildings or communities, grid reliability and energy infrastructure as well as net-zero-energy buildings and net metering. Establish a strong research agenda leading to external grant support and publication in recognized refereed journals as well as participating in local, national and international professional conferences and other activities appropriate to the discipline. Supervise M.S. and Ph.D. studies.

20% Service

Perform service activities normally expected of university faculty commensurate with rank, including committee service to Department, School, and University. Also includes national and international service to the profession.

Required Qualifications:

Earned doctorate in architectural, mechanical, or electrical engineering or a closely-related discipline

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by the time of appointment.

Demonstrable expertise in the field of integrated building or district energy systems, building-to-grid integrations, grid-interactive buildings, distributed energy resource management, building energy resilience, building energy efficiency and decarbonization, environmentally-sustainable buildings, and/or renewable energy sources such as solar, geothermal, and wind power for buildings or communities, grid reliability and energy infrastructure as well as net-zero-energy buildings and net metering.

Experience communicating ideas effectively and working well with others as demonstrated through application materials and interview.

Demonstrated potential to develop an externally-funded research program and to design and teach high quality undergraduate and graduate courses.

Contact Information to Applicants:

Brian Lines

brianlines@ku.edu

Additional Candidate Instruction:

A complete online application includes the following materials: (1) cover letter; (2) curriculum vitae; (3) research agenda (2-pg limit); (4) teaching philosophy statement (2-pg limit); and (5) the names, email and contact information for three professional references.

Application review will begin Monday, December 16, 2024 and will continue until a pool of qualified applicants is received.

Application Review Begins: 16-Dec-2024

Anticipated Start Date: 18-Aug-2025

Position Number: TBD

Primary Campus: University of Kansas Lawrence Campus

FTE: 1.0

Reg/Temp: Regular

Advertised Salary Range: Commensurate with experience

Employee Class: F-Faculty

If interested, please apply:

<https://sjobs.brassring.com/TGnewUI/Search/home/HomeWithPreLoad?PageType=JobDetails&partnerid=257>

Disclaimer

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The University of Kansas prohibits discrimination on the basis of race, color, ethnicity, religion, sex, national origin, age, ancestry, disability, status as a veteran, sexual orientation, marital status, parental status, gender identity, gender expression, and genetic information in the university's programs and activities. Retaliation is also prohibited by university policy. The following person has been designated to handle inquiries regarding the nondiscrimination policies and is the Title IX coordinator for all KU and KUMC campuses: Associate Vice Chancellor for the Office of Civil Rights and Title IX, civilrights@ku.edu, Room 1082, Dole Human Development Center, 1000 Sunnyside Avenue, Lawrence, KS 66045, 785-864-6414, 711 TTY.

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Contact Information

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

Contact

Department of Civil, Environmental and Architectural
Engineering
University of Kansas

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