

ARCHITECTURAL ENGINEERING

The Lyles School of Civil Engineering at Purdue University invites applications for a faculty position in Architectural Engineering. Purdue University seeks to attract exceptional candidates with interests and expertise in energy materials for buildings; human factors/human perception related to the built environment; or indoor air quality. For example, candidates with a research focus on: smart and adaptive materials for building applications; energy-generating materials for buildings; thermal or visual perception and indoor environment-human interactions; experimental indoor air quality studies for buildings (aerosol dynamics, indoor particulate matter, etc); or similar topics are encouraged to apply. Candidates at the Associate/Full Professor level are targeted, but exceptional candidates at the Assistant Professor rank will receive serious consideration.

The School of Civil Engineering at Purdue University has experienced significant growth in the past decade and has a strong faculty core engaged in all Civil Engineering areas, as well as significant interdisciplinary efforts across campus, with other academic institutions, and with industrial partners. The Architectural Engineering group within Civil Engineering has developed and constructed unique state-of-the-art research facilities for studying all aspects of building components, subsystems, systems, and occupants, which are located at the Bowen Laboratories, the Architectural Engineering Laboratories, and the Herrick Laboratories. The successful candidate is expected to be part of the new Center for High Performance Buildings, which is headquartered within the Herrick Laboratories and supports multi-disciplinary research across Civil, Mechanical, Electrical and Computer Engineering, Psychological Sciences and other departments. The Center includes the Perception-Based Engineering Labs for studying indoor environment-human interactions in a controlled manner and the reconfigurable Living Labs that allow real-world testing of a wide range of advanced building technologies and controls. For a description of research activities within Architectural Engineering see: <https://engineering.purdue.edu/CE/Academics/Groups/Architectural>

Successful candidates must hold a Ph.D. degree in Engineering or a related discipline and should demonstrate excellent ability to build an independent, externally-funded research program at the forefront of their field, as well as potential to educate and mentor students. They will conduct original research, advise graduate students, teach undergraduate courses in Civil Engineering, develop graduate level courses in their specialty area, and will perform service both at the School and University levels. Candidates with experience working with diverse groups of students, faculty, and staff and the ability to contribute to an inclusive climate are particularly encouraged to apply.

Submit applications online at <https://engineering.purdue.edu/Engr/AboutUS/Employment/Applications>, including curriculum vitae, teaching and research plans related to the advertised position, and names of three References. For information/questions regarding applications contact Marion Ragland, Faculty Recruitment Coordinator, College of Engineering, at ragland@purdue.edu. Review of applications will begin on September 29, 2014 and will continue until the position is filled. A background check will be required for employment in this position.

Purdue's main campus is located in West Lafayette Indiana, a welcoming and diverse community with a wide variety of cultural activities and events, industries, and excellent schools. Purdue and the College of Engineering have a [Concierge Program](#) to assist new faculty and their partners regarding dual career needs and facilitate their relocation.

Purdue University is an EEO/AA employer fully committed to achieving a diverse workforce. All individuals, including minorities, women, individuals with disabilities, LGBTQ, and veterans are encouraged to apply.