

As part of a large hiring initiative by the College of Engineering, three tenure-track faculty are sought with expertise in the areas described by the position announcement below. A couple of items of note: first, terminal degrees in ecology are acceptable and relevant to several of the stated areas of interest including urban and restoration ecology; second, tenure homes are possible in non-Engineering departments including but not limited to the Department of Forestry and Natural Resources (<https://ag.purdue.edu/fnr/Pages/default.aspx>)

The Division of Environmental and Ecological Engineering (EEE) at Purdue University invites applications for three tenure/tenure-track openings for exceptional faculty candidates at the Assistant/Associate Professor level. Successful candidates will receive a joint appointment in EEE and in one of the Schools of Engineering or in departments in other Colleges with which there is synergy between EEE and the department (tenure home). Successful candidates must hold an earned Ph.D. or equivalent doctoral level degree(s) in engineering or a related discipline, and should have a distinguished academic record. Candidates are expected to demonstrate strong commitment to excellence in education, teach courses at both the undergraduate and graduate levels based on the needs of EEE and the partnering School, and establish a strong, externally funded research program. A strong interest in interdisciplinary research and education is required. Candidates with experience working with diverse groups of students, faculty, and staff and the ability to contribute to an inclusive climate are particularly welcome.

EEE seeks to characterize the impact of natural and engineered systems on the environment, and establish engineered systems that function under ecological and socio-economic constraints. EEE research and education addresses the prevention, control, and treatment of waste streams, and the design and management of resilient engineered systems that can exist in harmony with human and natural systems. Areas of interest include, but are not limited to: industrial ecology, sustainable manufacturing and chemical/materials synthesis, eco-design, design for recycling, dematerialization, green materials, environmental-industrial system dynamics and resilience, coupled engineered-human-natural systems, urban and restoration ecology, sustainability science and engineering, green supply chains, life cycle engineering, indoor and outdoor air quality, air pollution control, value recovery from waste streams, solid waste treatment, and greening engineered systems.

EEE engages more than 40 faculty members within the College of Engineering and across the campus. An undergraduate degree program in EEE has been established, and a graduate program is in development. Further information about EEE, including details on the current faculty and their research interests, is available at <https://engineering.purdue.edu/EEE>.

Submit applications online at <https://engineering.purdue.edu/Engr/AboutUS/Employment/Applications>, including curriculum vitae, teaching and research plans, and names of four references. For information/questions regarding applications contact Marion Ragland, Faculty Recruitment Coordinator, College of Engineering, at ragland@purdue.edu <<mailto:ragland@purdue.edu>>. Review of applications will begin on September 2, 2014 and will continue until 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 cultures, industries, and excellent schools. Purdue and the College of Engineering have a Concierge Program <<https://engineering.purdue.edu/Training/students/abottigl/Concierge/index.html>> 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.