



## Energy Faculty Opening in the College of Engineering

Purdue Engineering is expanding, and the Energy Grand Challenge for Engineering is a major thrust of our research and education mission. We are building interdisciplinary communities of scholars and educators to foster Energy-related initiatives through strategic hiring practices, development of research centers, and launching of innovative educational programs. Through a multidisciplinary approach, we are addressing the biggest challenges facing humanity, with a commitment to make an engineering impact. Four of the fourteen Grand Challenges for Engineering that are defined by the National Academy of Engineering involve the topic of Energy, which has national and global implications. Our community of researchers and educators in Energy is vibrant with critical mass in areas such as renewable energy (biomass, solar, wind), conventional energy (nuclear, clean coal), storage technologies, materials for energy, and the smart grid.

We are continuing to build state-of-the-art facilities to support our community of faculty and students who work on Energy systems. Our latest facility, the Neil Armstrong Hall of Engineering, is named for perhaps Purdue's most famous alumnus and provides a northern gateway to Purdue and the College of Engineering (COE). In the last 10 years, we have attracted more than 145 new outstanding and diverse faculty members. Introduced in 2003, the COE's signature areas reach across engineering's traditional boundaries to connect existing strengths in addressing state, national, and global needs. The Energy signature area involves research that spans all aspects of the energy systems landscape including the science, technology, environment, economics, and policy of the Energy Engineering Grand Challenge.

The COE is also a key participant in a number of interdisciplinary centers at Purdue including the Energy Center, the Center for the Environment, and the Birck Nanotechnology Center. All of these Centers play an important role in research, education, and engagement related to the Energy signature area.

**Areas of interest in Energy systems include all renewable sources of energy such as biomass, solar and wind, batteries, clean coal, nuclear; and issues related to energy production, distribution and use.** Candidates should hold a Ph.D. degree in Engineering or a related field and have a distinguished academic record, exceptional potential for world-class research, and a commitment to teach in both undergraduate and graduate programs. Exceptional candidates at the assistant, associate, and full rank are encouraged to apply.

If you have a Ph.D. in engineering in one of these areas, please submit your application online at <https://engineering.purdue.edu/Engr/AboutUs/Employment/Applications>. The application should include a cover letter, a complete and detailed vitae, and statements of research and teaching interests. Also, please include names, addresses, telephone numbers, and e-mail addresses for three or more references. For questions regarding the application process, please contact Marion Ragland ([ragland@purdue.edu](mailto:ragland@purdue.edu)). Screening of applications will begin January 12, 2012 and will continue until the position is filled. A background check will be required for employment in this position.

Purdue University is an equal opportunity/equal access/affirmative action employer fully committed to achieving a diverse workforce.