



FACULTY OF ENGINEERING PRACTICE POSITION IN SYSTEMS

The College of Engineering at Purdue University invites applications from outstanding candidates at the Assistant, Associate and Full Professor levels to join the *Purdue Systems Initiative*. The faculty member will become part of a vibrant, multi-disciplinary community of scholars who are committed to building the science of systems needed to *engineer* next-generation complex systems effectively, thereby helping to address many of the societal grand challenges of the 21st century.

We seek candidates with expertise in, but not limited to, one or more of the following multi-disciplinary areas: i) Multi-Scale Modeling, ii) Uncertainty Modeling and Management, iii) Network Science, and iv) Decision-Making and Human Behavior Modeling. In addition to the methodological expertise, we expect the candidates to have domain expertise that will complement Purdue's strengths in areas of national need, such as energy systems, manufacturing and service industries, transportation infrastructure, water network, global enterprises, defense systems, climate/environment and ecology, and healthcare policy and delivery.

We are seeking highly qualified, creative individuals with a Ph.D. or equivalent doctoral level degree(s) in engineering or related field or at least five years of experience in industry and/or government related fields relevant to systems; or equivalent combination of education and experience. The three year, renewable, non-tenure track Faculty of Engineering Practice appointment will be at a professional rank (Assistant / Associate / Full) commensurate with the candidate's credentials and in the School(s) within the College of Engineering that best match the candidate's education, experience and interests. Joint appointments with other Colleges at Purdue University are possible.

The Faculty of Engineering Practice will leverage their practical experience to lead the educational and engagement efforts of the *Purdue Systems Initiative*. They will develop and teach courses in systems, and facilitate interactions with collaborators inside and outside Purdue University. They will have collaborative opportunities with educators in Purdue's world-renowned Colleges, including Engineering, Management, Science, Health and Human Sciences, Pharmacy, Liberal Arts and Agriculture. In addition, tremendous opportunities for collaboration also exist with large number of manufacturing, information, healthcare, and energy industries in the region.

Nominations and inquiries should be addressed to the Chair, Systems Faculty Search Committee, College of Engineering, Purdue University (systems-facsearch@purdue.edu). Applications must be submitted online at: <https://engineering.purdue.edu/Engr/AboutUs/Employment/Applicants>, and include curriculum vitae, plans for leadership in teaching and engagement, and names and addresses of four professional references. For questions regarding the application process, please contact Ms. Marion Ragland, Faculty Recruitment Coordinator, College of Engineering (ragland@purdue.edu).

Screening of candidates will begin as of March 22, 2013 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