



Industrial and Enterprise Systems Engineering
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN



University of Illinois at Urbana-Champaign (Open Rank) Department of Industrial and Enterprise Systems Engineering

The Department of Industrial and Enterprise Systems Engineering at the University of Illinois at Urbana-Champaign invites applications for at least three full-time open-rank faculty positions in the areas of:

Systems Engineering and Design - This position is supported by a \$2M endowment.
Healthcare Systems Engineering and Cognitive Engineering - especially Aging Populations
Controls/Optimization/Operations Research
Internet of Things/Analytics/Big Data
Physical Ergonomics/Biomechanics

Successful candidates are expected to direct graduate students in research, teach in the undergraduate and graduate programs, and develop a strong externally-funded research program. Successful junior candidates must exhibit exceptional promise and have interests in interdisciplinary research. Mid-career candidates are expected to be emerging leaders in their field, exhibit a strong record of publication and externally funded research, and participate in interdisciplinary collaborations. Senior candidates must have outstanding track records. There is an endowed professorship available in the area of large scale systems engineering and design. Salary will be commensurate with qualifications and experience. All candidates must have a doctoral degree by the appointment start date.

If qualified, a candidate may be hired as a Blue Waters Professor. Blue Waters Professors will be provided substantial allocations and expedited access to the Blue Waters supercomputer. Blue Waters is one of the most powerful supercomputers in the world, supported by the National Science Foundation and developed and run by the University of Illinois' National Center for Supercomputing Applications (NCSA). If you are also interested in being considered for this unique opportunity, be sure to include Blue Waters as one of your preferred research areas when prompted during your online application process and include a reference to Blue Waters in your cover letter.

Qualified senior candidates may also be considered for tenured full Professor positions as part of the Grainger Engineering Breakthroughs Initiative, which is backed by a \$100-million gift from the Grainger Foundation. Over the next few years, more than 35 new endowed professorships and chairs will be established, which will provide incredible opportunities for world-renowned researchers. The two main research areas are Big Data and Bioengineering. More information regarding the Grainger Initiative can be found at: <http://graingerinitiative.engineering.illinois.edu>.

Application materials must be submitted to <http://jobs.illinois.edu>. The application package should include a statement of teaching and research interests, a curriculum vitae with email contact address, a publication list, and names and contact information of four references (no letters) all in a single .pdf file. Review of applications will begin on November 1, 2016, and will continue until the positions are filled. The proposed start date is August 16, 2017. Questions should be referred to Shawna Graddy, sgraddy@illinois.edu, (217) 244-8788.

The University of Illinois conducts criminal background checks on all job candidates upon acceptance of a contingent offer. Illinois is an equal opportunity employer and all qualified applicants will receive consideration

for employment without regard to race, religion, color, national origin, sex, age, status as a protected veteran, or status as a qualified individual with a disability. Illinois welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity (www.inclusiveillinois.illinois.edu). We have an active and successful dual-career partner placement program and a strong commitment to work-life balance and family-friendly programs for faculty and staff (<http://provost.illinois.edu/worklife/index.html>).