Faculty Positions
Department of Industrial & Enterprise Systems Engineering
The Grainger College of Engineering
University of Illinois Urbana-Champaign

The Department of Industrial and Enterprise Systems Engineering at the University of Illinois Urbana- Champaign invites applications for a full-time faculty position at either the associate or full professor level. Our areas of particular interest are Operations Research, Optimization, and Machine Learning. We welcome applicants working on fundamental methodologies or novel applications in these fields. 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. Ideal candidates include those who demonstrate evidence of a commitment to diversity, equity, and inclusion through research, teaching, and/or service endeavors. Mid-career candidates are expected to be emerging leaders in their fields, exhibit a strong record of publication and externally funded research, and participate in and/or lead research collaborations. Senior candidates must have outstanding track records. Salary will be commensurate with qualifications and experience. All candidates must have a PhD in Operations Research, Industrial, Systems, Electrical, Computer, or Mechanical Engineering, or a closely related discipline.

The department is also participating in a campus-wide cluster hire in the broadly themed area of AI for Community Health (see https://healtheng.illinois.edu/AICommunityHealth for more details). The cluster will advance research efforts aimed at improving health outcomes in patients with chronic health conditions via advances in sensing, analytics, and data-driven modeling, among many areas. Specific research topics include, but are not limited to, machine learning for mobile sensor data analysis, control systems and optimization methods for adaptive interventions, modeling and data mining for health risk assessment, and human factors research. Candidates should have a demonstrated interest and track record of conducting fundamental research with a goal of enabling individuals and communities to prevent, diagnose, treat, and manage health conditions.

To apply for this position, please create a candidate profile at https://jobs.illinois.edu. The application package should include: 1) a curriculum vitae, 2) a statement of teaching goals and interests, 3) a statement of previous research accomplishments and future research plans, 4) a statement on commitment to diversity, 5) a publications list, and 6) names and contact information of four references (no letters), all in a single PDF file as an upload in the "CV/Resume" section. The statement on diversity should address past and/or potential contributions to diversity, equity, and inclusion through research, teaching, and/or service. For further information regarding application procedures, please address questions to Stacie Mertes at smertes@illinois.edu.

Candidates should state in their cover letter if they are interested in the strategic cluster hiring initiative focused on AI for Community Health, and list which other participating departments they have applied to, if any.

Review of applications will begin in mid-October with full consideration being given to candidates who apply by November 19, 2023. The committee will continue to review applications until the position is filled.

The proposed start date is August 16, 2024, but is negotiable. Questions should be referred to Stacie Mertes at smertes@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 (https://provost.illinois.edu/faculty-affairs/work-life-balance/).

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