

Assistant Professor
Department of Industrial and Systems Engineering
Herbert Wertheim College of Engineering
University of Florida

The Herbert Wertheim College of Engineering at the University of Florida (UF) invites applications for two full-time tenure-track faculty positions in the Department of Industrial and Systems Engineering (ISE). We seek applicants with expertise in ISE methods for the modeling, analysis, and optimization of stochastic systems (first position) and modeling of health systems or human systems (second position). Areas of methodological emphasis/focus include (but are not limited to) stochastic optimization, stochastic modeling, queueing theory, simulation, Markov decision processes, Bayesian decision analysis, data analytics, human factors analysis, human-machine/human-AI interaction analysis, human behavior modeling, and related fields. Ideal candidates will have prior experience in the interplay between ISE methods and specific domain(s), including (but not limited to) service and queueing systems, production and operations planning, healthcare operations management, medical decision-making, healthcare policy design, and human-in-the-loop systems.

Minimum Qualifications: Ph.D. degree in ISE, operations research, or a closely related discipline.

Preferred Qualifications: Strong academic record for research, evidence of teaching excellence and service.

Successful candidates will develop a high-quality publication record at UF, supervise Ph.D. students, teach both undergraduate and graduate courses in ISE, and contribute to the Department's service activities. It is essential for the candidates to have a strong motivation for the development of an externally funded research program. Outstanding candidates will be considered for any available endowed appointments (faculty fellowships) at the time of offer.

UF ISE offers BS, ME, MS, and Ph.D. degrees. We have approximately 500 undergraduate students and 200 graduate students. The Department hosts research in various application areas including energy, healthcare, finance, supply chain, and transportation systems. The ISE faculty at UF conducts theoretical and methodological research in areas such as data analytics, human systems engineering, optimization, simulation, and stochastic analysis. UF provides outstanding opportunities for interdisciplinary work across campus. More information about the Department can be found at <http://www.ise.ufl.edu>.

The Herbert Wertheim College of Engineering is currently implementing a major expansion of faculty and state-of-the-art research and education facilities. The College currently exceeds 300 faculty members with the ISE Department comprising 21 permanent members. For more information about College initiatives, please visit <http://eng.ufl.edu>.

The search committee will begin reviewing applications immediately, with the first full committee screening for the current academic year occurring on October 31, 2023, and will continue to receive applications until the position is filled. All applications must be submitted through UFCareers at: <https://facultyjobs.hr.ufl.edu/>. (Please see Job Requisition #528817.) Complete applications must include the following files in PDF format: (1) cover letter (**including a personal statement that contains research and teaching interests**); (2) a curriculum vitae; (3) contact information of three references. **Additional supplemental documents should be uploaded as one PDF to the "other documents" selection in the application.** The anticipated start for the position is Fall 2024 with some flexibility for an earlier start based on individual needs.

UF is currently ranked as one of the top-10 best public universities, 5th according to the 2023 U.S. News & World Report of Best Colleges and is also ranked as the No. 1 public institution according to the Wall Street Journal's "2024 Best Colleges in the U.S." report. UF recently announced a \$70 million artificial intelligence partnership with NVIDIA to create an AI-centric data center that houses the world's fastest AI supercomputer in higher education. For more information about the college, please visit <http://eng.ufl.edu>.

The final candidate will be required to provide an official transcript to the hiring department upon hire. A transcript will not be considered "official" if the designation of "Issued to Student" is visible. Degrees earned from an educational institution outside of the United States are required to be evaluated by a professional credentialing service provider approved by National Association of Credential Evaluation Services (NACES).

The University of Florida is an equal opportunity institution dedicated to building a broadly diverse and inclusive faculty and staff. The University of Florida is An Equal Employment Opportunity Institution. If accommodation due to a disability is needed to apply for this position, please call 352/392-2477 or the Florida Relay System at 800/955-8771 (TDD). Hiring is contingent upon eligibility to work in the US. Searches are conducted in accordance with Florida's Sunshine Law. The University of Florida is committed to nondiscrimination with respect to race, creed, color, religion, age, disability, sex, sexual orientation, gender identity and expression, marital status, national origin, political opinions or affiliations, genetic information, and veteran status in all aspects of employment including recruitment, hiring, promotions, transfers, discipline, terminations, wage and salary administration, benefits, and training.