

Full 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 a full-time tenured faculty position at the rank of Professor in the Department of Industrial and Systems Engineering (ISE). The position focuses on industrial engineering applications of artificial intelligence (AI) for financial technology (FinTech) and blockchain technology. The UF ISE faculty have expertise in data analytics, health systems, human systems, operations research, and supply chain and logistics. The new senior faculty position is expected to bring complementary expertise and form a thrust area in quantitative analysis for FinTech and blockchain applications by using AI and contemporary modeling approaches (e.g., diffusion and financial instrument models). Potential research opportunities for this position include collaborations with other departments in the College of Engineering and Warrington College of Business.

In addition to having a doctorate degree in ISE, operations research or a closely related discipline, the applicant must have high performance computing experience to qualify for this position. Candidates will also be expected to have a clear agenda for substantially adding to current department funded research combined with a passion for mentoring and leading early-career faculty to success. Additionally, candidates will be expected to develop a high-quality publication record at UF, supervise Ph.D. students, and teach both undergraduate and graduate courses in ISE.

UF ISE offers BS, ME, MS and Ph.D. degrees. We have approximately 500 undergraduate students and 150 graduate students. The Department hosts research in various application areas including energy systems, healthcare systems, supply chain systems and transportation systems. We also currently host methodological research in data analytics, human systems engineering, optimization, simulation, and stochastic analysis. There are also outstanding opportunities for interdisciplinary work across the UF campus. More information about the department can be found at <http://www.ise.ufl.edu>.

UF is currently ranked as one of the top-10 best public universities, 6th according to the 2020 U.S. News & World Report of Best Colleges. 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 will reach 300 faculty members in the near future with the ISE Department currently comprised of 23 permanent members. For more information about our College initiatives, please visit <http://eng.ufl.edu>. The University and College count among its greatest strengths a value of broad diversity among faculty, students and staff and a robust, inclusive and welcoming climate for learning and research. UF is committed to equal educational and employment opportunity and access and seeks individuals of all races, ethnicities, genders and other attributes who, among their many exceptional qualifications, have a record of including a broad diversity of individuals in research and learning activities.

The search committee will begin reviewing applications immediately, with the first full committee screening occurring on December 14, 2020, and will continue to receive applications until the position is filled. All applications must be submitted through Interfolio at: <https://facultyjobs.hr.ufl.edu/>. (Please see Job Requisition #67993). Complete applications must include the following files in PDF format: (1) cover letter (summary and introduction related to hiring emphasis areas); (2) a personal statement (including identification of any synergies with UF ISE as well as UF investigators, centers & institutes); (3) a diversity statement (including experience in working with diverse and underrepresented groups in engineering); (4) a curriculum vitae (including a 1-page CV highlights); (5) a research program vision statement (with a focus on how any plans will support the department and college), (6) a teaching statement (including a personal philosophy and interests); (7) up to three representative journal articles (co-)authored by the applicant; and (8) the names, addresses, phone numbers, and email addresses of no less than three and up to five references. The final candidate will be required to provide an official transcript to the hiring department upon hire. The anticipated start for the position is Fall 2021 with some flexibility for a later start based on individual needs.

If an 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. Background 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.