

Associate 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 Associate Professor in the Department of Industrial and Systems Engineering (ISE). The position focuses on ISE applications of artificial intelligence (AI) methods to complex systems in one of the following areas: production, logistics and supply chain systems; manufacturing, advanced manufacturing or additive/subtractive manufacturing systems; human systems engineering; and health systems engineering.

Potential research opportunities for this position include collaborations with the existing AI research groups in HWCoe as well as other colleges throughout the university as commensurate with the candidate's research expertise and interests.

In addition to having a doctorate degree in ISE or a closely related discipline, the applicant must possess a strong academic record for research and teaching excellence as well as a strong service record. Candidates will be expected to have a high-level of awareness of future trends in funding and research opportunities in the AI application domains related to their expertise and have a clear agenda for substantially advancing the current department funded research enterprise. Candidates will also be expected to develop a high-quality publication record at UF, supervise Ph.D. and M.S. students, and teach both undergraduate and graduate courses in ISE. Additionally, candidates with a passion for mentoring and leading early-career faculty to success, and a desire to assume institutional leadership roles are preferred. Outstanding candidates will be considered for any available endowed appointments (faculty fellowships/professorships/chairs) at the time of offer.

UF ISE offers B.S., M.E., M.S. and Ph.D. degrees. We currently have 416 undergraduate students and 222 graduate students. The Department hosts research in various application areas including energy systems, healthcare systems, human-in-the-loop 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-5 best public universities, 5th according to the 2021 U.S. News & World Report of Best Colleges. UF is home to Hipergator, which ranks 3rd among university supercomputers in the nation. In addition, the Herbert Wertheim College of Engineering is currently implementing a major expansion of faculty and state-of-the-art research and education facilities with a focus on AI. The Malachowsky Hall for Data Science & Information Technology, a 260,000 sq feet facility that will serve as the hub for Artificial Intelligence, will open in Spring 2023. ISE is one of departments that will have space in this state-of-the-art facility. The College will reach 300 faculty members this year with the ISE Department currently comprised of 24 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 September 1, 2022, 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 #522157). 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 Spring 2023 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.