



University of Washington

Industrial & Systems Engineering

The Department of Industrial and Systems Engineering (ISE) at the University of Washington (UW) invites candidates to apply for a full-time tenured faculty position at the full professor level. Exceptional candidates at the associate professor level will also be considered. The successful candidates will be expected to teach and conduct research in core ISE methodological areas including mathematical and data-driven optimization, robotics and automation, AI and machine learning, and simulation. The successful candidate will be expected to address significant societal problems (e.g., smart cities and infrastructure systems, energy systems, supply chain and logistics, health systems, cybersecurity, and advanced manufacturing), lead multi-PI or multi-disciplinary teams, and take their leadership to the next level. This position is on a 9-month service period with an anticipated start date of September 16, 2023.

The ISE Department of UW is on a multi-year trajectory for growth. The department has a tradition of interdisciplinary collaborations and strong partnerships within UW and with other academic institutions and industries. Recent examples include Amazon + UW Science Hub, the NSF-funded AI Institute in Dynamical Systems and the Institute of Medical Data Science. The primary appointment and teaching responsibilities for this hire will be in ISE, with the option of a joint hire with another department if desired. The department currently consists of 13 active core research and teaching faculty, over 140 undergraduates and 75 graduate students. More information is available at: ise.washington.edu.

UW, located in Seattle, the heart of the high-tech pacific northwest, is one of the world's preeminent universities, ranking No. 6 in Best Global Universities in 2023 by U.S. News & World Report. The College of Engineering and the ISE Department promote a highly collegial and collaborative environment. The Seattle area is particularly attractive given the presence of significant industrial research laboratories, top technology companies, as well as a vibrant technology-driven entrepreneurial community that further enhances the intellectual atmosphere. UW has a culture of inter-departmental and cross-college collaborations, as well as close relationships with regional institutes and industry partners. We strongly encourage applications from women and underrepresented minority candidates, individuals with disabilities, covered veterans, and people from other diverse and underrepresented groups. We are committed to creating innovative and high-quality research and teaching programs that contribute to an inclusive and equitable campus environment. We will look forward to learning how the candidate's values, experiences, visions and plans for teaching, research, and service would support and enhance our commitment to diversity, equity, and inclusion.

Qualifications: Applicants must hold a Ph.D. or foreign equivalent in a discipline related to Industrial or Systems Engineering, Mechanical Engineering, Civil and Environmental Engineering, Computer Science and Engineering, Electrical Engineering, or a closely related field.

Instructions: Applications should include a cover letter, a curriculum vitae, a research statement (3 pages maximum), a teaching statement (2 page maximum), a diversity statement (2 page maximum), and contact information for four references. For full consideration, applications should be submitted by Jan 15th, 2023 to Interfolio at <http://apply.interfolio.com/117410>. The position is open until filled. For additional information regarding position specifics, please get in touch with the search committee chair, Dr. Shuai Huang, via email at isearch@uw.edu.

Equal Employment Opportunity Statement: The University of Washington is an affirmative action and equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, creed, religion, national origin, sex, sexual orientation, marital status, pregnancy, genetic information, gender identity or expression, age, disability, or protected veteran status.