Assistant Professor in Industrial and Systems Engineering at the University at Buffalo, State University of New York

The Position:

The Department of Industrial and Systems Engineering (ISE) at the University at Buffalo (UB) invites applications for a tenure-track position at the Assistant Professor rank in human factors engineering, starting in August 2025. The successful applicant will have a strong record of research in physical ergonomics, wearable work technologies, and automated/personalized ergonomic solutions. The successful candidate will develop and maintain an active research program in occupational safety and health, teach and mentor students at the undergraduate and graduate levels, and participate in university and professional service.

The Department:

UB ISE is consistently ranked among the top 25 ISE graduate programs in the U.S. We offer B.S., M.S., M.E., and Ph.D. degrees, with concentrations in operations research, human factors, production systems, and engineering management. We are known for our strong focus on graduate research and education, having 21 tenured or tenure-track faculty, 4 teaching faculty, approximately 100 undergraduate majors, 275 master's students, and 50 doctoral students. ISE scholars engage in collaborations with colleagues from diverse academic disciplines, participate in numerous cross-disciplinary research centers, and maintain relationships with industry partners, e.g., through the Center for Industrial Effectiveness, Collaborative Institute for Multisource Information Fusion, CUBRC, Center for Computational Research (CCR), the Stephen Still Institute for Sustainable Transportation and Logistics (ISTL), and the Institute for Research and Education in Energy, Environment, and Water (RENEW).

The University:

The University at Buffalo (UB) is the largest university in the State University of New York (SUNY) system, with approximately 22,000 undergraduates, 10,000 graduate students, and 1,600 full-time faculty. The School of Engineering and Applied Sciences (SEAS) has approximately 7,300 students in 9 academic departments. UB is SUNY's most comprehensive public research university, and an outstanding place to work. UB campus culture encourages a diverse mix of work, personal, and academic pursuits, with many institutional programs that support a healthy work-life balance. UB values a diverse campus community and strongly encourages applications from women, persons with disabilities, protected veterans, and underrepresented minorities. UB provides excellent benefits that include comprehensive health and retirement plan options, as well as a supportive workplace environment. Visit UB benefits website to learn more: https://www.buffalo.edu/administrative-services/for-faculty-staff/benefits/stat e/uup.html.

Our faculty are expected to operate effectively in a diverse community of students and faculty, be team-oriented, and share our vision of helping all constituents reach their full potential. Diversity

University at Buffalo
Department of Industrial and Systems Engineering
School of Engineering and Applied Sciences

and inclusion are core values of our university culture, and we strongly encourage individuals of under-represented minority status to apply. UB has made significant efforts to promote diversity and create highly supportive work and academic environments for its workforce and students. The UB School of Engineering and Applied Sciences (SEAS) Justice, Equity, Diversity and Inclusion initiative provides educational and programmatic events and resources to support inclusion among engineering faculty, staff, and students. UB is an affirmative action/equal opportunity employer (AA/EOE).

The City:

The City of Buffalo, located on the reinvigorated Lake Erie waterfront, is a dynamic urban center with a rapidly growing economy, eclectic neighborhoods, world-class art galleries and museums, a vibrant theater and music community, a city-wide system of parks designed by renowned landscape architect Frederick Law Olmsted, and multiple professional sports teams. Lake Ontario and Niagara Falls are within a 20-minute drive. UB ISE is located on the UB North Campus in the nearby town of Amherst, a thriving area that combines outstanding public schools and services with a low cost of living.

Minimum Qualifications:

Candidates must hold a doctorate in industrial engineering, systems engineering, or a closely related field. PhD must be conferred before the appointment.

Application Process:

All applications should be submitted to through the UB Employment Opportunities website [see https://www.ubjobs.buffalo.edu/postings/53572, posting number F240129]. The University at Buffalo is a premier public university, a member of the American Association of Universities, and an affirmative action/equal opportunity employer. For more information, please contact Dr. Victor Paquet, Search Committee Chair, at vpaquet@buffalo.edu.

The application package should consist of a cover letter, a curriculum vitae, a Research Statement no longer than two pages, a Teaching Statement no longer than two pages; a Diversity Statement, and contact information for three references. When selected for interview referees will be emailed to upload their reference letters. The Diversity Statement must include an example of when the applicant changed or altered a research approach based on knowledge and awareness of underserved or underrepresented populations, or delt with an underreporting of relevant data stemming from explicit or implicit bias.

Application Deadline:

The review of applications begins immediately, and application submissions on or before November 22, 2024 are strongly encouraged.