



University at Buffalo

Department of Industrial and Systems Engineering

School of Engineering and Applied Sciences

Faculty Opening

The Department of Industrial and Systems Engineering (ISE) at the University at Buffalo (UB), State University of New York, is seeking candidates for a tenure-track position at the rank of Assistant, Associate, or Full Professor, with a start date of August 2018.

The successful candidate will teach and establish a nationally visible research program in Industrial and Systems Engineering. ISE at UB is enjoying an unprecedented period of growth, with eleven recent hires across operations research, production and service systems, manufacturing, and human factors and ergonomics. Faculty research areas include defense and security, disaster management, big data analytics, health systems and wellness, transportation and logistics, advanced manufacturing, and sustainable manufacturing and design. While this is an open search and we will consider applicants across all areas of ISE, we particularly welcome candidates with research interests in the theory of Markov decision processes, stochastic programming, non-linear optimization, and advanced statistical data analyses, as well as experience and interest in applying operations research in healthcare or defense. Importantly, we are looking for candidates who can operate effectively in a diverse community of students and faculty, and share our vision of helping all constituents reach their full potential.

The UB ISE department has a long history of scholarship and education in Industrial and Systems Engineering and interdisciplinary research activities, including an excellent record of PhD student research and placement. The department offers B.S., M.S., Ph.D., and combined degrees with concentrations in operations research, human factors, and production systems. UB ISE is leading or collaborating with a number of strategic research centers at the university including the Centers of Excellence in Global Health Equity; Center of Excellence in Sustainable Manufacturing and Robotic Technology (SMART); the Center for Multisource Information Fusion; Center for Computational Research; the Home-BASE Center for Home Health and Well Being and the Institute for Sustainable Transportation and Logistics. The engineering school at UB is also a significant participant in UB's RENEW institute (Research and Education in eEnergy, Environment and Water; www.buffalo.edu/renew.html) with interdisciplinary research thrusts of interest to ISE faculty including energy management, engineering and policy, and the green economy. These research enterprises will help facilitate research and professional development of the successful candidate. Please see www.ise.buffalo.edu for more information.

Applicants should submit a curriculum vitae, research and teaching statements, and names and contact information of three references. For full consideration applications should be received by December 15, 2017. Applicants should hold a PhD in Industrial and Systems Engineering or a closely related field. The PhD must be conferred prior to the appointment. All applications should be submitted to UB Jobs - <http://www.ubjobs.buffalo.edu/postings/11566> Posting # F1700144

The University at Buffalo is a premier public university, a member of American Association of Universities, and an affirmative action/equal opportunity employer.

For more information, please contact Dr. Alexander Nikolaev, Search Committee Chair, at anikolae@buffalo.edu.

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