

**BINGHAMTON**  
**UNIVERSITY**  
STATE UNIVERSITY OF NEW YORK

The Department of Systems Science and Industrial Engineering (SSIE) in the Thomas J. Watson School of Engineering and Applied Science at Binghamton University (State University of New York) is expanding further and seeks three (3) faculty positions starting in Spring or Fall 2017, with 1-2 additional positions (for Fall 2017) anticipated soon:

- Assistant Professor – Smart Grids/Operations Research (Queueing Processes, Stochastic Optimization)
- Assistant Professor – Healthcare Systems Engineering
- Assistant Professor – Advanced Manufacturing (additive manufacturing, bio-additive manufacturing, hybrid additive manufacturing, polymer composite additive manufacturing electro-hydrodynamic printing, electrostatic spray deposition, robocasting, printing of smart materials)

These positions require research that complements the Binghamton University Trans-disciplinary Areas of Excellence (TAEs: <http://www.binghamton.edu/tae/>). These positions involve establishing externally funded theoretical and applied research in the respective disciplines as well as teaching at all levels (undergraduate courses through advanced graduate courses). A reduced teaching load is granted during the first 2-3 years.

The ideal candidates must have (i) an earned doctorate in industrial engineering or a related field, (ii) excellent leadership skills, and (iii) superb records of research, including garnering funding and scholarly publications. Teaching experience is preferred. The Watson School is dedicated to the goal of building a diverse and inclusive teaching, research, and working environment. Potential applicants who share this goal, especially underrepresented minorities, women and persons with disabilities, are strongly encouraged to apply.

The SSIE Department secures over 2.5 million dollars in research funding per year. Our faculty members secure research funding from over 25 sponsors from industry and federal agencies. The department currently has 20 faculty members and offers a BS degree in Industrial and Systems Engineering, and MS and PhD Degrees in both Systems Science and in Industrial and Systems Engineering. SSIE also offers a cutting edge executive master of science in health systems engineering program in Manhattan. With about 235 undergraduate, 230 masters and 120 doctoral students, the department is rapidly growing in numbers and in its reputation. More details about the department are available at <http://www.binghamton.edu/ssie/>.

Review of applications begins November 15, 2016, and continues until each position is filled. For more details about each position and to submit an application online, please visit <http://binghamton.interviewexchange.com>. Any questions about these positions should be directed to Dr. Mohammad T. Khasawneh, Professor and Department Chair (email:[mkhasawn@binghamton.edu](mailto:mkhasawn@binghamton.edu); phone: [607-777-4408](tel:607-777-4408); fax: [607-777-4094](tel:607-777-4094)).

**About Binghamton University:** Binghamton University is a highly ranked "Public Ivy." Binghamton University has built a reputation as a world-class institution that combines a broadly interdisciplinary, international education with one of the most vibrant research programs in the nation. Binghamton is proud to be ranked among the elite public universities in the nation for challenging our students academically, not financially. The result is a unique, best-of-both-worlds college experience. Our academic culture rivals a first-rate private university - rigorous, collaborative and boldly innovative -- while our campus culture exemplifies the best kind of public university experience: richly diverse students, active social life and deep engagement with the community. Located in the scenic Finger Lakes region of NY, Binghamton is three hours from New York City and Philadelphia, one hour from Ithaca and Syracuse, and five hours from Washington, DC, and Boston. Binghamton is a low cost of living regional medical/hi-tech hub for 200,000 people.

Binghamton University (The State University of New York) is an Equal Opportunity/Affirmative Action Employer.  
Women and Historically Underrepresented Minority Applicants are Strongly Encouraged to Apply.