

BINGHAMTON UNIVERSITY

STATE UNIVERSITY OF NEW YORK

The Department of Systems Science and Industrial Engineering (SSIE) in the Thomas J. Watson College of Engineering and Applied Science at Binghamton University is expanding further and seeks two (2) Assistant Professors:

- [Assistant Professor - Healthcare Systems Engineering](#)

The positions immediately above are sought to start in Fall 2022. The positions involve teaching at all levels from undergraduate courses to advanced graduate courses, and establishing theoretical and applied research in the area of health systems engineering, healthcare data science/analytics, population health, healthcare information technology/systems, genomics and personalized/precision medicine. Qualified applicants in other emerging areas of industrial and systems engineering may be considered.

The SSIE Department has consistently secured over 5 million dollars in research funding per year for the last three years. In the 2020-2021 fiscal year, the SSIE Department had over \$10 million in research expenditures. At this level of research productivity, the SSIE Department ranked the highest on-campus in research expenditures. Our faculty members work collaboratively with over 30 sponsors from industry and federal agencies. With an excellent and growing academic reputation, the SSIE Department is internationally renowned in the electronics manufacturing/packaging and flexible electronics arenas. Another area of substantial growth is health systems, and our faculty works with several major healthcare organizations across the nation and abroad. Other significant areas of growth include, but are not limited to, additive manufacturing and 3D printing, advanced data science/analytics, applied operations research/optimization, complex systems science and modeling, and energy systems. A more extensive list of active research areas within the department can be found [here](#). The department is continuing significant expansion, including these positions.

The department has twenty-six (26) faculty members and offers a BS degree in Industrial and Systems Engineering (ISE), MS degrees in Systems Science (SS), Industrial and Systems Engineering (ISE), and Healthcare Systems Engineering (HSE), and PhD degrees in Systems Science (SS) and Industrial and Systems Engineering (ISE). SSIE also offers a cutting-edge executive health systems program in Manhattan. With about 220 undergraduate, 210 masters, and 180 doctoral students, the department is growing in numbers and in reputation. More details are available at <http://www.binghamton.edu/ssie/>. The successful candidates will have a tenure berth in the Department of Systems Science and Industrial Engineering.

The Watson College is dedicated to the goal of building a diverse and inclusive teaching, research, and working environment. Potential applicants who share this goal, and especially underrepresented minorities, women and persons with disabilities, are strongly encouraged to apply. The successful candidate for this position will be expected to help increase the number of women, underrepresented minorities and persons with disabilities, as well as help increase external funding to support diverse populations.

Located in Binghamton, NY, Binghamton University is ideally situated in the high-tech heart of the state. Industry partnerships, class projects and internship opportunities provide a wealth of hands-on experience for graduate and undergraduate students alike.

The ideal candidates must have (i) an earned doctorate in industrial engineering or the applied sciences, (ii) excellent leadership skills, and (iii) superb records of research, including garnering funding and scholarly publications. Teaching experience is preferred.

For more details about the Assistant Professor position and to submit the application online, please visit <http://binghamton.interviewexchange.com>. Any questions about this position should be directed to Dr. Mohammad T. Khasawneh, Professor, Department Chair, and Search Committee Chair, (email: mkhasawn@binghamton.edu; phone: 607-777-4408; fax: 607-777-4094). Review of applications will begin immediately and the review process will continue until the position is filled.

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