



# Rensselaer

## Tenure-Track Faculty Position in Industrial and Systems Engineering

The Department of Industrial and Systems Engineering (ISE) at RENSSELAER POLYTECHNIC INSTITUTE in Troy, NY invites applications for a tenure-track faculty position at the Assistant or Associate Professor level. We seek a passionate individual with demonstrated potential to establish a strong externally funded research program and contribute to the teaching excellence of core undergraduate and graduate curriculum of the department. Candidates must possess an earned Ph.D. or foreign degree equivalent in Industrial and Systems Engineering or a closely related field.

The ISE department is in a period of growth with several faculty openings anticipated in the next five years. These positions are expected to complement and augment the existing strengths in the modeling, simulation, analysis, and optimization of networked systems in high impact domains, including infrastructure sustainability and resiliency, advanced manufacturing enterprises, and data-driven decision systems. The successful candidate will be expected to teach undergraduate and graduate courses in both the Industrial Systems Engineering curriculum, develop and maintain a robust program of externally sponsored research, and participate in activities that are in service to the ISE Department, the School of Engineering and Rensselaer. Particular consideration will be given to candidates with a strong analytical background, and interest and experience in one or more important application areas, including cyber-physical systems, human automation interaction, supply chain management, healthcare analytics, and sustainability.

The ISE department awards B.S. in Industrial and Management Engineering (IME), which was first established in 1933, M.S./M.Eng. in Industrial and Management Engineering, M.S./M.Eng. in Systems Engineering and Technology Management, and Ph.D. in Decision Science and Engineering Systems (DSES). The Department is highly interdisciplinary, with strong education and research connections with Management, Computer Science, Math, Cognitive Science, and other engineering disciplines. The Department has 11 faculty, 160 undergraduates and 14 Ph.D. students. ISE is one of the seven departments in the School of Engineering, which has approximately 160 faculty, 3000 undergraduates, and 480 graduate students.

Rensselaer Polytechnic Institute is a private research university in Troy, New York, situated at the beautiful confluence of the Hudson and Mohawk Rivers. Founded in 1824, it is the oldest technological university in the English-speaking world. Troy is part of the greater capital region of New York, which also includes Albany, Schenectady, and Saratoga. It offers the convenience of a metropolis in a tranquil and bucolic setting.

Applications must include a cover letter, complete curriculum vitae, statement of research accomplishments and goals (no more than three pages), a one-page description of teaching interests, contact information, and minimum three professional references. Please put material in a single PDF document addressed to the ISE Department Head Prof. John Wen, and send to the department Administrative Coordinator Mary Wagner [ise@rpi.edu](mailto:ise@rpi.edu) with the subject line: ISE Faculty Position. Application review is ongoing and applications will be accepted until the position is filled. Informal meetings with ISE faculty may be arranged at major society conferences such as the INFORMS Annual Meeting.

*We welcome candidates who will bring diverse intellectual, geographical, gender and ethnic perspectives to Rensselaer's work and campus communities. Rensselaer Polytechnic Institute is an Affirmative Action/Equal Opportunity Employer.*

**Website:** [ise.rpi.edu](http://ise.rpi.edu)