



# 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 levels. We seek a passionate individual with demonstrated potential to establish a strong externally funded research program and contribute to the teaching excellence in the core undergraduate and graduate curricula of the department. Candidates should have active research programs that are methodologically innovative and tied to one or more compelling application domains. Areas of particular interest include large-scale predictive and/or prescriptive analytics, learning and decision-making for real-time control and adaptation, and distributed autonomous systems, though other areas are encouraged. Applications domains may extend or complement the department's work in critical infrastructure, community resilience and supply chains. There will also be opportunities to participate in Institute-wide research initiatives such as the Institute for Data Exploration and Applications (IDEA) and the Cognitive and Immersive Systems Lab (CISL).

Candidates must possess an earned Ph.D. or equivalent foreign degree in Industrial and Systems Engineering or a closely related field. Academic or other relevant professional experience beyond the Doctoral degree is preferred. Candidates for Associate Professor must have at least six years of experience, a proven record in attracting funding and conducting outstanding research, a strong commitment to education, evidence of effective teaching, and commensurate academic credentials to qualify for a tenured faculty appointment at Rensselaer.

The ISE department awards the following degrees: B.S. in Industrial and Management Engineering, 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 Sciences and Engineering Systems. The Department is highly interdisciplinary, with strong education and research connections with Computer Science, Mathematical Science, Cognitive Science, Management, and other engineering disciplines. The Department has 12 faculty, 180 undergraduates and 18 Ph.D. students. ISE is one of the seven departments in the School of Engineering, which has approximately 160 faculty, 3500 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. With the university's involvement, the City of Troy is in the midst of a period of buoyant commercial and cultural resurgence. Beyond Troy are the vibrant urban areas of the greater Capital Region, including Albany, Schenectady, and Saratoga—as well as the beautiful wilderness of the Adirondack region.

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 contact information for three professional references. Please put material in a single PDF document addressed to ISE Department Head Prof. John Wen, and send to [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. All questions should be directed to Prof. John Wen at [wenj@rpi.edu](mailto:wenj@rpi.edu).

*We welcome candidates who bring diverse intellectual, geographical, gender and ethnic perspectives to the Rensselaer community. Rensselaer Polytechnic Institute is an Affirmative Action/Equal Opportunity Employer.*

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