The Frank and Lillian Gilbreth Endowed Chaired Professor in Industrial and Systems Engineering

The Department of Industrial and Systems Engineering (ISE) at RENSSELAER POLYTECHNIC INSTITUTE in Troy, NY, is amid a planned multi-year renewal of its faculty and mission. As part of this renewal, we seek applications for the **Frank and Lillian Gilbreth Endowed Chaired and Tenured Full Professorship in Industrial and Systems Engineering at Rensselaer**.

Building on the department's impressive history and tradition, we seek faculty who are uncovering knowledge and creating solutions to important societal problems, collaborating across disciplines, and integrating their innovations into classrooms. We value applicants who are interested in the success of their students, their department, and their field, and whose research, teaching, and service complement and enhance one another. These faculty will push the Industrial and Systems Engineering discipline forward and will make it more diverse and inclusive.

Candidates must possess an earned Ph.D. or foreign degree equivalent in a discipline related to Industrial or Systems Engineering. The successful candidate is expected to have an outstanding record of scholarship, educational leadership, and a commitment to diversity and inclusion, as well as national and international visibility. The successful candidate is expected to develop and maintain an internationally recognized, interdisciplinary program with research and scholarship supported by external grants, to actively contribute to the core graduate and undergraduate teaching mission of ISE and the School, and engage in department, institute, and professional service activities. The position is open to any area of research within the Industrial and Systems Engineering discipline. Applicants leading cross-cutting research are especially encouraged to apply, as are those whose work is helping to redefine the boundaries of the field of Industrial and Systems Engineering.

Information about the ISE Department: The ISE Department (http://www.ise.rpi.edu) offers degrees at the bachelor's, master's, and doctoral levels. ISE has a rich history of addressing important societal challenges since 1933. The ISE Department has been highly interdisciplinary, with faculty employing methods from optimization, mathematics, statistics, cognitive science, machine learning, and artificial intelligence to model, analyze, and solve complex decision-making problems in highly networked natural and social systems, with applications to critical infrastructure, homeland security, on-demand supply chains, and team performance. This work has been supported by numerous federal, state, and foundation awards. The ISE curricula draw directly on cutting-edge research results and pedagogical innovations, and benefit from ongoing collaborations with other Rensselaer departments, most recently in the department's new institute-wide minor in Data Science and Engineering. In 2022, the ISE department graduated 29 bachelors and 8 graduate (Masters + PhD) students and has growing enrollments. ISE alumni are leading organizations in health care, finance, manufacturing, logistics, entertainment, defense, transportation, and consulting.

Information about the Institute: Rensselaer Polytechnic Institute, founded in 1824, is America's first technological research university. Rensselaer faculty and alumni represent 85 members of the National Academy of Engineering, 17 members of the National Academy of Sciences, 25 members of the American Academy of Arts and Sciences, 8 members of the National Academy of Medicine, 8 members of the National Academy of Inventors, and 5 members of the National Inventors Hall of Fame, as well as 6 National Medal of Technology winners, 5 National Medal of Science winners, and a Nobel Prize winner in Physics. With 7,000 students and nearly 100,000 living alumni,

Rensselaer is addressing the global challenges facing the 21st century—to change lives, to advance society, and to change the world.

Application Instructions: Please submit the following materials via Rensselaer's online hiring portal (https://Careers.rpi.edu/postings/494198): (1) a cover letter, (2) a curriculum vitae, (3) a research statement including future research plans, (3) a statement of teaching activities and interests, (4) a diversity statement, and (5) contact information for a minimum of three professional references. Applications will be reviewed immediately, and the search will continue, on a rolling basis, until the position is filled with the potential to start as early as Spring 2024.

Expected compensation range: $130,000 to $225,000 for the academic year.
Pay transparency disclosure: The selected candidate's salary will be determined based on factors that include the final candidate's qualifications, experience, and education. This hiring range is provided as Rensselaer's good faith estimate of the expected hiring range at the time of posting.