Assistant/Associate Professor – Ergonomics & Human Factors

Industrial and Systems Engineering Department
Rochester Institute of Technology

Rochester Institute of Technology’s Department of Industrial and Systems Engineering invites applications and nominations for a tenure-track faculty position at the rank of assistant professor. Candidates with exceptional qualifications will be considered at the rank of associate professor. Candidates must have ability to teach undergraduate and graduate courses in the areas of ergonomics and human factors. We are looking to build research strength in ergonomics and human factors to complement our current research areas including health systems engineering, sustainable engineering, and advanced manufacturing. Applicants must have a Ph.D. degree in Industrial Engineering or a closely related field. Candidates must also have a record of dissemination of scholarly research; demonstrated potential for high quality teaching; potential to establish a successful externally sponsored research program; excellent written and oral communication skills; and the ability to contribute in meaningful ways to the university’s continuing commitment to cultural diversity, pluralism and individual differences. Faculty responsibilities include teaching at both the undergraduate and graduate levels, student advising (including M.S. and Ph.D. students), conducting sponsored research, and providing service to the university community.

We are seeking an individual who has the ability and interest in contributing to a community committed to student centeredness; professional development and scholarship; integrity and ethics; respect, diversity and pluralism; innovation and flexibility; and teamwork and collaboration. Select to view links to RIT’s core values, honor code, and diversity commitment.

THE COLLEGE/DEPARTMENT: The Department of Industrial and Systems Engineering is experiencing significant growth with several exciting new initiatives under development. The Human Performance Lab (HPL) supports courses and research that require the integration of humans into the design of systems. The HPL has ample space for continued research growth and development. The Brinkman Advanced Machine Tools Laboratory is a model for industry-academia partnerships that provide faculty and students with access to state-of-the-art advanced manufacturing capabilities. The Toyota Production Systems Lab mimics a “real world” assembly production facility and supports a wide variety of activities pertaining to lean manufacturing. As investments in infrastructure have grown, the department’s research expenditures have increased nearly 100% over the past five years. The department offers undergraduate and graduate degrees in Industrial and Systems Engineering, with additional degree options in Sustainable Engineering and Engineering Management. In addition, we are developing an interdisciplinary graduate program in Healthcare Systems Engineering. Faculty are also actively engaged in an interdisciplinary engineering Ph.D. program with focus areas in Transportation, Energy, Communications, and Health Care. For more information on the department, see https://www.rit.edu/kgcoe/ise/.

The Kate Gleason College of Engineering has established its reputation as a preeminent provider of career-oriented engineering education with a rapidly growing commitment to research. It offers bachelor degree programs in biomedical, chemical, computer, electrical, industrial, mechanical and microelectronic engineering, and comprehensive, innovative graduate programs in a range of engineering disciplines including a broad-based cross-disciplinary doctoral degrees in engineering and in microsystems engineering. For more information visit https://www.rit.edu/kgcoe/.
THE UNIVERSITY AND ROCHESTER COMMUNITY: RIT is a national leader in professional and career-oriented education. Talented, ambitious, and creative students of all cultures and backgrounds from all 50 states and more than 100 countries have chosen to attend RIT. Founded in 1829, Rochester Institute of Technology is a privately endowed, coeducational university with nine colleges emphasizing career education and experiential learning. With approximately 15,000 undergraduates and 2,900 graduate students, RIT is one of the largest private universities in the nation. RIT offers a rich array of degree programs in engineering, science, business, and the arts, and is home to the National Technical Institute for the Deaf. RIT has been honored by The Chronicle of Higher Education as one of the “Great Colleges to Work For” for four years. RIT is a National Science Foundation ADVANCE Institutional Transformation site. RIT is responsive to the needs of dual-career couples by our membership in the Upstate NY HERC.

Rochester, situated between Lake Ontario and the Finger Lakes region, is the 79th largest city in the United States and the third largest metropolitan area in New York State. The Greater Rochester region, which is home to over one million people, is rich in cultural and ethnic diversity, with a population comprised of approximately 16% African and Latin Americans and another 7% of international origin. It is also home to the largest deaf community per capita in the U.S. Rochester ranks 3rd among the best metropolitan regions for “raising a family” by Forbes Magazine; 6th among 379 metropolitan areas as “Best Places to Live in America” by Places Rated Almanac; 1st in Expansion Management Magazine’s ranking of metropolitan areas having the best “quality of life in the nation”; and is among Essence Magazine’s “Top 10 Cities for Black Families.”

Required Minimum Qualifications
Assistant Professor Rank:
- A Ph.D. in Industrial Engineering or closely related field;
- Ability to teach undergraduate and graduate courses in ergonomics and human factors;
- Demonstrated potential for high quality teaching;
- A record of dissemination of scholarly research;
- Potential to establish a successful externally sponsored research program;
- Excellent written and oral communication skills;
- Ability to contribute in meaningful ways to the college’s continuing commitment to cultural diversity, pluralism, and individual differences.

Associate Professor Rank:
- In addition to the required minimum qualifications above, candidates seeking the rank of associate professor must have a proven record of scholarly research, excellent teaching, and strong service commensurate with an associate professor.

Anticipated Start Date: August, 2016 (An earlier start date of January, 2016 is also possible.)

Apply online at http://careers.rit.edu/faculty Search openings, then Keyword Search: 1725BR.

Please direct questions for the search committee to: Michael Kuhl by email at Michael.Kuhl@rit.edu

Review of applications will begin October 15, 2015, and continue until a suitable candidate is found.

RIT does not discriminate. RIT promotes and values diversity, pluralism and inclusion in the workplace. RIT provides equal opportunity to all qualified individuals and does not discriminate on the basis of race, color, creed, age, marital status, sex, gender, religion, sexual orientations, gender identity, gender expression, national origin, veteran status or disability in its hiring, admissions, educational programs and activities.