



School of Engineering

**Rutgers University-New Brunswick**

**Department of Industrial and Systems Engineering**

**Faculty Positions**

The Department of Industrial and Systems Engineering (ISE) at Rutgers University is pleased to announce its search for multiple outstanding tenure-track hires, with position start date of Fall 2018.

We are especially interested in candidates whose work contributes to advances in manufacturing, energy or healthcare fields. Candidates must have a Ph.D. in Engineering and have excellent verbal and written communication skills. Candidates must also have demonstrated capability and interests in fundamental contributions to engineering design, automation sciences, computational sciences and advanced simulations, and/or robotics. For the manufacturing position, preference is given to candidates with expertise or with a strong desire to contribute to advances in bio and pharmaceutical manufacturing fields, medical devices and advanced manufacturing processes and fields of applications. For the energy position, candidates with strong background in engineering and technology principles of distributed energy resources, microgrids, smart cities and IOT integration are preferred. For the healthcare position, we are particularly interested in candidates with strong background and desire to contribute to AI, Big Data, and Robotics in healthcare applications.

Candidates are expected to develop an internationally recognized and externally funded research program; adopt innovative educational practices as they develop and teach graduate and undergraduate courses; advise and mentor graduate and undergraduate students; and participate in local and external service activities. Preferred rank is at the Assistant Professor level, however, applications at higher ranks will be considered for applicants with exceptional records.

Interested candidates are encouraged to visit the ISE Department website *ise.rutgers.edu* and the School of Engineering website *soe.rutgers.edu*.

Interested applicants should submit: (1) a cover letter, (2) a Curriculum Vitae, (3) a one-page research statement, (4) a one-page teaching statement, and (5) a list of 3-5 references. Send application and questions to <http://jobs.rutgers.edu/postings/52464>

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