The Department of Industrial and Systems Engineering (ISE) at Rutgers University-New Brunswick invites applications for multiple faculty positions, at all levels, with a start date of fall 2020. These positions were created partially due to the growing opportunities between ISE and the Packaging Engineering Program at Rutgers.

We seek outstanding candidates with a Ph.D. in ISE or a related engineering discipline and a commitment to excellence in research and teaching. In particular, candidates whose research interests may contribute to Packaging Engineering are encouraged to apply. Our faculty inspires and leads innovative high-quality research programs supported by federal and state agencies and industrial partners. The faculty are dedicated and enthusiastic teachers and mentors for our students at all levels. The Rutgers Packaging Engineering Program has a rigorous engineering-based curriculum and an interdisciplinary Ph.D. program. Rutgers ISE Department is routinely ranked among the top twenty nationally in the discipline.

We welcome applicants pursuing fundamental, original research applied to compelling, interdisciplinary problems. Research areas of interest include machine learning/AI and data science; applied optimization in distribution and logistics; sustainable packaging and manufacturing; innovation and extended reality; food and pharmaceutical packaging; automation and robotics; supply chain/value chain and product life-cycle management; Industry 4.0 and IoT; biomedical devices; and energy.

Rutgers, a lively and richly diverse public university, has annual research expenditures over $700 million, encompasses 70,000 students statewide, and is a member of the Association of American Universities and the Big Ten Academic Alliance. The School of Engineering is located on the New Brunswick campus, the flagship home of Rutgers. New Brunswick is in central New Jersey, a hub of industrial and technical activity, easily accessible from New York, Philadelphia, and Washington, D.C. Rutgers Engineering enrolls approximately 5,000 undergraduate, masters, and doctoral students in seven academic departments, has nearly $70 million in research expenditures, and 150 tenure/tenure-track faculty members. Rutgers Engineering promotes a supportive and vibrant academic community with students and faculty committed to engineering excellence. Its mission is to integrate education and research to achieve transformational innovation that is ethically responsible and sustainable.

Please submit your application online at http://jobs.rutgers.edu/postings/101425. Include

- cover letter, curriculum vitae, two representative research papers
- future research plans, teaching statement
- plans or accomplishments in advancing diversity, equity, and inclusion
- contact information for three references.

Rutgers is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to minorities, women, veterans, disabled individuals, and other protected groups.