Edward P. Fitts Department of Industrial and Systems Engineering
North Carolina State University

North Carolina State University (NC State) invites applications for one or more tenure-track faculty positions in the Edward P. Fitts Department of Industrial and Systems Engineering (ISE). The position is at the assistant professor level, although applicants with proper qualifications may be considered for appointment at other ranks. Candidates are expected to have a PhD degree in Industrial Engineering, Operations Research, Computer Science, Statistics, or a related field. We are seeking applicants with expertise in data science and analytics, including application of domain knowledge for "big data" problems as well as linking data analytics to advanced statistical inference and decision making, although applications will be considered in other areas. The expected start date for this position is Fall 2018. Salary will be competitive based on qualifications.

The Edward P. Fitts Department of Industrial and Systems Engineering (www.ise.ncsu.edu) is one of only five named industrial and systems engineering departments in the United States and is consistently ranked among the top programs in the country. The department currently has a rich and diverse research portfolio in advanced manufacturing, biomedical manufacturing, health systems engineering, human-systems engineering, logistics, production systems, and systems analysis and optimization. The department houses two state funded centers, including: the Ergonomics Center of North Carolina (ergocenter.ncsu.edu), which is the only center of its kind at a U.S. public research institution, and the Center for Additive Manufacturing and Logistics (camal.ncsu.edu), which is one of the most state-of-the-art 3D printing and advanced manufacturing laboratories in the country. These centers are supported by world-class facilities and resources for computing, manufacturing, and human-systems research. The department also supports two other academic programs within the university, including Operations Research (or.ncsu.edu) and Integrated Manufacturing Systems Engineering (imsei.ncsu.edu), and has a rich set of connections with other departments, other universities, medical schools, and other external partners.

Teaching responsibilities will include graduate and undergraduate instruction as well as supervision of students' research at the Masters and the Doctoral levels. Applicants will be expected to develop a sponsored research program. General research responsibilities for faculty include a commitment to original and independent work and pursuing interdisciplinary collaborations, both within and external to NC State. Our location in Raleigh, NC, represents the eastern point of the Research Triangle and places us close to three major universities, a large number of world-class companies, and several leading research institutes.

Please submit a cover letter, CV, research and teaching statements, and the names and contact information for three (3) professional references online at https://jobs.ncsu.edu/postings/90856 . Review of applications will begin on October 1, 2017, and will continue until the position is filled.