Tenure/Tenure Track Assistant Professor

Edward P. Fitts Department of Industrial and Systems Engineering College of Engineering

The Edward P. Fitts Department of Industrial and Systems Engineering (ISE) at North Carolina State University (NC State) invites applications for a tenure-track assistant professor in the area of Human-Systems Engineering. The expected start date for this position is Fall 2016. Salary is competitive.

The NC State ISE Department 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 has a rich and diverse research portfolio including human-systems engineering, which has long been a departmental strength and one which we wish to enhance. Our strategic initiatives and centers are extensions of the Department’s areas of expertise. The department houses two State funded centers, including: the Ergonomics Center of North Carolina, which is the only Center of its kind at a U.S. public research institution, and the Center for Additive Manufacturing and Logistics, which is one of the most advanced manufacturing and 3D printing laboratories in the country. These centers are supported by world-class laboratory facilities, including: a brain-computer interface lab, a biomechanics lab, a cognitive ergonomics lab, an automation lab, a manufacturing processes lab, a metrology lab, and medical implants and tissue engineering labs.

Applicants for this faculty position must hold an earned doctoral degree in Industrial and Systems Engineering or closely related field. Teaching responsibilities will include graduate and undergraduate instruction in human-systems engineering with a focus on physical systems, including occupational biomechanics and occupational musculoskeletal disorders, as well as new course development in the areas of ergonomics in rehabilitation and ergonomics for health care performance improvement. Applicants will be expected to develop a sponsored research program focused on their areas of interest with connections to the College of Engineering Rehabilitation Engineering Core and the ISE Health Systems Engineering Program. General research responsibilities for faculty include a commitment to original and independent work, establishing complementary human-systems engineering research directions in ISE, and pursuing interdisciplinary collaborations both within, and external to, NC State. The faculty member will be expected to participate in the North Carolina Occupational Safety and Health Education and Research Center. 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, the names and contact information for three (3) professional references online at https://jobs.ncsu.edu/ (position # 00007681). Review of applications will begin on December 1, 2015 and will continue until the position is filled. Inquiries may be directed to Debbie Allgood-Staton at 919-515-2362 or dallgood@ncsu.edu. For more information, please visit http://go.ncsu.edu/ise.

NC State University is an equal opportunity and affirmative action employer and welcomes the opportunity to work with candidates to identify suitable employment opportunities for spouses or partners.