



# Northern Illinois University

*Learning Today, Leading Tomorrow*

## **Tenure Track Faculty Position in the Department of Industrial and Systems Engineering**

The Department of Industrial and Systems Engineering (ISYE) at Northern Illinois University (NIU) invites applications for one anticipated tenure track faculty position at the Assistant Professor level beginning August 16, 2017. This position is in response to NIU's and Argonne National Laboratory's (ANL) mutual interest to collaborate on research initiatives. Successful applicants are expected to hold a doctoral degree in ISYE or related field with teaching interests and research experiences in agent based modeling and simulation, system dynamics, operations research, production planning and design, sustainability, and systems engineering management. Applicants whose research and teaching interests in application areas such as healthcare, infrastructure modeling, manufacturing systems, logistics, and related areas are preferred. Applicants are expected to teach undergraduate and graduate level courses, establish a strong externally funded research program, develop and teach online courses and actively serve the department, college, university, and community.

The department consists of 9 full time faculty members, 143 undergraduate and 165 graduate students. The department offers an ABET accredited B.S. (with emphasis in Manufacturing Systems, Health Systems, and Engineering Management; a minor in Sustainable Engineering), a M.S. in ISYE, and a M.S. in ISYE with specialization in Engineering Management. Laboratories for manufacturing, ergonomics, reliability, and logistics are well established in the department. Strong ties with industries in the Northern Illinois region have helped ISYE faculty to attract externally funded research projects on a regular basis. NIU has over 19,000 students and is located approximately 65 miles west of Chicago. NIU's vision is to be the premier student-centered, research-focused public university in the Midwest contributing to the advancement of knowledge for the benefit of the people of the region, the state, the nation, and the world.

**Application Deadline:** Completed applications will be reviewed beginning March 1, 2017, and will be accepted until the position is filled. Rank and salary will be commensurate with qualifications and achievements. Please send cover letter, statements of teaching and research interests, and curriculum vita to ISYE Search Committee ([isye@niu.edu](mailto:isye@niu.edu)). All documents must be submitted electronically in Word or PDF format. Make arrangements for three professional reference letters to be sent to [isye@niu.edu](mailto:isye@niu.edu). For additional information about the position contact the search committee chair by writing to [pdamodaran@niu.edu](mailto:pdamodaran@niu.edu) or calling (815) 753-5660.

In compliance with the Illinois Campus Security Act, before an offer of employment is made, the university will conduct a pre-employment background investigation, which includes a criminal background check.

In accordance with applicable statutes and regulations, NIU is an equal opportunity employer and does not discriminate on the basis of race, color, national origin, ancestry, sex, religion, age, physical and mental disability, marital status, veteran status, sexual orientation, gender identity, gender expression, political affiliation, or any other factor unrelated to professional qualifications, and will comply with all applicable federal and state statutes, regulations and orders pertaining to nondiscrimination, equal opportunity and affirmative action. NIU recognizes Dual Career issues. In compliance with federal law, all persons hired will be required to verify identity and eligibility to work in the United States and to complete the required employment eligibility verification document form upon hire.