Assistant/Associate Professor of Industrial and Manufacturing Engineering

The Industrial and Manufacturing Engineering (IME) Department invites applications for two full-time, Assistant/Associate Professor (Tenure Track) positions with an anticipated starting date of August 16, 2016. These positions will be 40 percent teaching, 40 percent research, and 20 percent service. Responsibilities will include supporting NDSU’s land-grant mission of teaching, research, and service. Specifically, the successful candidate will be expected to establish a program of externally-funded research in Industrial Engineering and produce an excellent record of scholarly publication; teach undergraduate and graduate courses; supervise MS and PhD theses; and provide service to the university and its units, to the state and regional community, as well as to the appropriate professional organizations. Candidates with strength in quality and reliability engineering, healthcare and biomedical engineering, supply chain and logistics engineering, and advanced manufacturing, are especially encouraged to apply, although all areas of industrial engineering will be considered. The candidates should exhibit strong skill sets and research interest in one or more of the following areas—reliability modeling of complex (energy) systems, robust optimization, prognostic health management, stochastic modeling, statistical and probabilistic modeling, big data integration (data fusion), integer programming and discrete optimization, bioinformatics, entropy optimization, material characterization, image processing and physiological signal processing.

The department has nine faculty, four staff, over 200 undergraduate and graduate students. The department has strong relationships with local companies, such as: John Deere, Bobcat/Doosan, Sanford Health, the local Veteran’s Administration, Microsoft, Case New Holland as well as many others.

Information about the department, college, and university can be accessed on the web at www.ndsu.edu/ime or by contacting the department at 701-231-7287.

Review of applications will begin December 15, 2015. The review will continue until the positions are filled. All application materials must be submitted electronically to NDSU Human Resource Office at http://jobs.ndsu.edu/postings/6808. For more information please contact Dr. Val Marinov, 701-231-8073 or email: val.marinov@ndsu.edu.

NORTH DAKOTA STATE UNIVERSITY

Ranked among the top 108 public and private universities in the country by the Carnegie Commission on Higher Education, North Dakota State University is distinctive as a student-focused, land-grant, research university with more than 14,000 students from 48 states and 69 countries. Programs are academically rigorous, but more than 80% of classes have 40 or fewer students, creating an immersive learning environment in which the faculty are committed to student success.

Our core values include:
- Deriving strength and vitality from each other and from the diverse communities we serve.
- Envisioning an academic and social environment that is conducive to intellectual and personal development by promoting the safety and welfare of all members of the university community.
- Promoting excellence through individuals participating in decisions and value cooperation for the common good. We welcome and respect differences in people and ideas.

NDSU is an NSF ADVANCE Institution providing strong leadership nation-wide for creating a climate where all faculty members can be successful.

COMMUNITY

NDSU is located in Fargo, ND. Combined with its sister city of Moorhead, MN, the metropolitan area is a lively, dynamic community with a population nearing 200,000. Called an island of economic stability, in good times and bad, the area is experiencing dynamic growth in population, employment and job creation.

Fargo-Moorhead boasts safe, clean neighborhoods, excellent schools, and diverse community activities. It is ranked among the best places in the country to live, work, attend school and conduct business.

NDSU is an EEO/AA-MF/ Vet/Disability.