



UNIVERSITY OF MICHIGAN-DEARBORN  
DEPARTMENT OF INDUSTRIAL AND MANUFACTURING  
SYSTEMS ENGINEERING  
THREE ASSISTANT/ASSOCIATE PROFESSOR POSITIONS  
umdearborn.edu/cecs/IMSE

The Department of Industrial and Manufacturing Systems Engineering at the University of Michigan-Dearborn (UM-Dearborn) invites applications for three tenure-track Assistant/Associate Professor positions starting September 1, 2017. The selected candidate must hold a Ph.D. degree in Industrial Engineering or a closely related field by the time of appointment.

**Position 1, Systems Engineering/Engineering Management.** Areas of interest include modeling and analysis of engineering systems, model-based systems engineering, systems analytics, systems optimization, system architecture design, and all areas of engineering management.

**Position 2, Quality and Reliability Engineering.** Areas of interest include quality management, prognostics and health management of engineering systems, sensor data analytics, systems reliability, multivariate analysis, and statistical quality control.

**Position 3, Engineering Design.** Areas of interest include human centered engineering design and computing, interaction design, user experience, sustainable design, innovative product and process design, and design optimization.

We are seeking candidates who can demonstrate the ability to establish an independent, externally-funded research program in their area of expertise, and who are committed to student-centered undergraduate and graduate education in industrial and systems engineering. We strongly encourage women and minority candidates to apply.

The IMSE Department, currently at 13 tenure-track faculty and offers several BS and MS degrees. A new Ph.D. degree in Industrial and Systems Engineering is scheduled to be offered starting Fall 2017. The Department also participates in interdisciplinary Ph.D. programs in information systems engineering and automotive systems engineering. The department prides itself with its commitment to academic excellence, with its strong connections to the automotive industry and with its collegial work environment.

Qualified applicants are invited to submit a cover letter, curriculum vitae, a statement of current and future research interests, a statement of teaching philosophy, and list of three references to [imsesearch@umich.edu](mailto:imsesearch@umich.edu).

Alternatively, you can mail your application to:

IMSE Search Committee  
University of Michigan-Dearborn  
2300 HP-Engineering Complex  
4901 Evergreen Rd.  
Dearborn, MI, 48128-2406

Applications will be reviewed continuously until the position is filled with the highest priority given to those received by December 31, 2016.

The University of Michigan-Dearborn (UM-Dearborn) is one of the three campuses of the University of Michigan. UM-Dearborn, a comprehensive university offering high quality undergraduate, graduate, professional and continuing education to residents of southeastern Michigan, and attracts more than 9,000 students. Our faculty comes from respected universities and doctoral programs, are recognized for excellence in research and teaching, and are active in professional and academic service roles in their respective fields. US News and World Report recently recognized our campus as a Best Regional University.

The campus is located on 200 acres of the original Henry Ford Estate. Dearborn is centrally located within one of America's largest business regions. The geographically diverse area provides faculty with a variety of urban, suburban, and rural areas within a reasonable commute, including Detroit, Detroit suburbs, and Ann Arbor.

The University of Michigan conducts background checks on all job candidates upon acceptance of a contingent offer and may use a third party administrator to conduct background checks. Background checks will be performed in compliance with the Fair Credit Reporting Act.

The University of Michigan is an equal opportunity/affirmative action employer.