Multiple TTT Faculty Positions
Department of Mechanical & Industrial Engineering of Northeastern University

Search in Mechanical Engineering
The Department of Mechanical and Industrial Engineering (MIE) invites applications for tenured or tenure-track appointments at the assistant, associate or full professor level in the general areas of mechanical engineering. The preferred areas of research focus include, but are not limited to: smart manufacturing, robotics, impact mechanics, biomechanics, functional materials and sensors. A PhD in Mechanical Engineering or a closely related field by the start date is required. Excellence in research, teaching, and collaborative expertise that spans traditional as well as emerging thrust areas is highly desirable. Successful senior candidates should be established researchers with a strong record of funding, peer-reviewed publications, and technical leadership.

Candidates should be committed to fostering diverse and inclusive environments as well as to promoting experiential learning, which are central to a Northeastern University education.

The MIE Department (www.mie.neu.edu) at Northeastern University is a successful and vibrant academic enterprise which is growing in both size and stature. The department comprises 55 tenured/tenure-track faculty members, including 20 new hires since 2014, with over $13M in annual research funding, about 1300 Ph.D. and M.S. students, and a total combined grad/undergraduate student population of over 2500. A five year research contract vehicle from the Veterans Health Administration for $125M and a three year contract vehicle from the Army Research Office for $20M, received in early 2015, are bellwethers of both current success and future potential. In addition, of the eight federally-funded research centers in the College of Engineering, four are based in the MIE Department: 1) The NSF Nanoscale Science and Engineering Center (NSEC) for High-rate Nanomanufacturing, 2) The NSF Center for Health Organization Transformation, 3) The NSF Center for Microcontamination Control, and 4) The VA New England Healthcare Engineering Partnership.

At the core of the Northeastern engineering education experience is our top-ranked cooperative education program, which contributes significantly to the integrated learning model of the College of Engineering.

Applicants should submit a detailed Curriculum Vitae, a clear statement of teaching and research interests and objectives, along with names and contact information of at least three professional references. Applications received by January 2, 2018 will receive full consideration. The target starting date is September 1, 2018, but the positions will remain open until filled.

To apply go to: http://www.coe.neu.edu/faculty/positions and click on Faculty Positions, Full-Time, and Requisition

For more information please contact: Prof. Andrew Gouldstone, Mechanical Engineering Search Committee Chair, Email: a.gouldstone@northeastern.edu; Phone: (617) 373-3699
Search in Industrial Engineering/Operations Research

Guided by Northeastern University’s strategic growth plans, primarily in the areas of Health, Security, and Sustainability, the Department of Mechanical and Industrial Engineering (MIE) is in search of multiple faculty members at all ranks in Industrial Engineering/Operations Research with application areas in smart manufacturing, resilience, and healthcare systems. Successful hires will teach both undergraduate and graduate level courses, and are expected to develop strong externally funded research programs, possibly in collaboration with faculty in the College of Engineering and other colleges. A Ph.D. in Industrial Engineering, Operations Research or a closely related field by the start date is required. Excellence in research, teaching, and collaborative expertise that spans traditional as well as emerging thrust areas is highly desirable.

Candidates should be committed to fostering diverse and inclusive environments as well as to promoting experiential learning, which are central to a Northeastern University education.

The MIE Department (www.mie.neu.edu) at Northeastern University is a successful and vibrant academic enterprise which is growing in both size and stature. The department comprises 55 tenured/tenure-track faculty members, including 20 new hires since 2014, with over $13M in annual research funding, about 1300 Ph.D. and M.S. students, and a total combined grad/undergraduate student population of over 2500. A five year research contract vehicle from the Veterans Health Administration for $125M and a three year contract vehicle from the Army Research Office for $20M, received in early 2015, are bellwethers of both current success and future potential. In addition, of the eight federally-funded research centers in the College of Engineering, four are based in the MIE Department: 1) The NSF Nanoscale Science and Engineering Center (NSEC) for High-rate Nanomanufacturing, 2) The NSF Center for Health Organization Transformation, 3) The NSF Center for Microcontamination Control, and 4) The VA New England Healthcare Engineering Partnership.

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Applicants should submit a detailed Curriculum Vitae, a clear statement of teaching and research interests and objectives, along with names and contact information of at least three professional references. Applications received by October 16th will be considered for informal interviews at INFORMS 2017. Applications received by January 2, 2018 will receive full consideration. The target starting date is September 1, 2018, but the positions will remain open until filled.

To apply go to: http://www.coe.neu.edu/faculty/positions and click on Faculty Positions, Full-Time, and Requisition

For more information contact: Prof. Emanuel Melachrinoudis, Search Committee Chair; Email: emelas@coe.neu.edu; Phone: (617) 373-4850