Northeastern University
College of Engineering

Search for Tenure-Track/Tenured Faculty Position
Mechanical & Industrial Engineering (MIE) Department
Northeastern University, Boston, MA

The Mechanical and Industrial Engineering (MIE) Department at Northeastern University is seeking outstanding individuals to fill a tenure-track/tenured position in the general areas of Advanced Manufacturing including Bio-inspired, Nano- and/or Additive Manufacturing.

The MIE Department (www.mie.neu.edu) at Northeastern University, ranked among top 50 in the nation, is a successful and vibrant academic enterprise which is growing in both size and stature. The department comprises 47 full-time faculty members with over $10M in annual research funding, over 500 Ph.D. and M.S. students, and a total combined grad/undergraduate student population of over 1,500. 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. In addition, of the eight federally-funded research centers in the College of Engineering, four of them are based in 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. Northeastern University also has a 7,000 square-foot class 10/100/1000 micro/nanofabrication facility available to faculty, the Kostas Center (http://www.kostas.neu.edu), and has recently opened the 70,000 square-foot Kostas Research Institute for Homeland Security at our Burlington campus.

Guided by Northeastern’s strategic growth plans primarily in the areas of Healthcare, Security, and Sustainability, existing faculty and the new faculty hires in the MIE have unique opportunities to collaborate with faculty across campus, to significantly impact the direction and trajectory of this already strong, vibrant department. We believe that advanced manufacturing is key to the scientific, technological and economic growth of our nation, while maintaining sustainability. We are particularly interested in the advancement and application of innovative and cutting-edge technologies such as bio-inspired manufacturing, nano-manufacturing, additive manufacturing, and smart materials to develop high tech products, increase production efficiency, promote sustainability, and accelerate innovation. We are also open to other areas that enable and support advanced manufacturing. The successful candidate will teach both undergraduate and graduate courses, and develop a strong externally funded research program, possibly in collaboration with faculty in COE and other colleges. Candidates must have a PhD in Mechanical Engineering or a closely related field by the start date. Demonstrated excellence in research, teaching, and collaborative expertise that spans traditional as well as emerging thrust areas are highly desirable.

Applicants should submit a detailed Curriculum Vitae, a clear statement of specific teaching and research interests and objectives, along with names, e-mail addresses and phone numbers of at least four professional references. Applications received by January 15, 2015 will receive full consideration. The target starting date is September 1, 2015, but the position will remain open until filled.

Northeastern University is an equal opportunity/affirmative action/Title IX employer. All persons are invited to apply regardless of race, color, gender, national origin, religion, disability, or sexual orientation.

MIE Faculty Recruitment Committee
Department of Mechanical and Industrial Engineering, Northeastern University
360 Huntington Ave, 334 Snell Engineering Center, Boston, MA 02115, USA

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

For more information contact:
Prof. Andrew Gouldstone
Advanced Manufacturing Faculty Search Committee Chair
Email: a.gouldstone@neu.edu, Phone: (617) 373-4293
The Mechanical and Industrial Engineering (MIE) Department at Northeastern University is seeking outstanding individuals at all ranks to fill a tenure-track/tenured position in the general area of Supply Chain Engineering, as applied to Bio-Medical, Healthcare and Resilient Systems.

Guided by Northeastern University’s strategic growth plans, primarily in the areas of Healthcare, Security, and Sustainability, existing faculty and the new faculty hires in the MIE Department have unique opportunities to collaborate with faculty across campus, to significantly impact the direction and trajectory of this already strong, vibrant department. The successful candidate will teach both undergraduate and graduate courses, and develop a strong externally funded research program, possibly in collaboration with faculty in COE and other colleges. Candidates must have a PhD in Operations Research, Industrial Engineering or a closely related field by the start date. Demonstrated excellence in research, teaching, and collaborative expertise that spans traditional as well as emerging thrust areas, such as Bio-medical, Health, and Resilient Systems, are highly desirable.

The MIE Department (www.mie.neu.edu) at Northeastern University is a successful and vibrant academic enterprise that is growing in both size and stature. The department comprises 47 full-time faculty members with over $10M in annual research funding, over 500 Ph.D. and M.S. students, and a total combined grad/undergraduate student population of over 1,500. 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. In addition, of the eight federally-funded research centers in the College of Engineering, four are based in MIE Department: 1) The NSF Nanoscale Science and Engineering Center (NSERC) 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. Northeastern University also has a 7,000 square-foot class 10/100/1000 micro/nanofabrication facility available to faculty, the Kostas Center (http://www.kostas.neu.edu), and the recently opened 70,000 square-foot Kostas Research Institute for Homeland Security at our Burlington campus.

Applicants should submit a Curriculum Vitae, statement of research, statement of teaching, along with names and contact information of at least three professional references. Applications received by November 1st will be considered for informal interviews at INFORMS 2014. Applications received by January 1, 2015 will receive full consideration. The target starting date is September 1, 2015, but the position will remain open until filled.

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The Mechanical and Industrial Engineering (MIE) Department at Northeastern University is seeking outstanding individuals to fill a tenure-track/tenured position in the general areas of Bio-inspired and Bio-applied Mechatronics for Intelligent Systems.

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Applicants should submit a detailed Curriculum Vitae, a clear statement of specific teaching and research interests and objectives, along with names, e-mail addresses and phone numbers of at least four professional references. Applications received by January 15, 2015 will receive full consideration. The target starting date is September 1, 2015, but the position will remain open until filled.

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For more information contact:
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