



Northeastern University

College of Engineering



Northeastern is an urban university in Boston, located among the nation's best hospitals, world renowned research and teaching institutions, and historical arts and music landmarks of the city. Northeastern University is a national leader in cooperative education and recently has enjoyed an unprecedented rise in the National Research University rankings in US News and World Report. Northeastern is also the recipient of an NSF-funded ADVANCE grant for promoting the careers of women in engineering and science. The university is currently expanding with plans to add a number of new lines to the current pool of talented faculty.

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

Data Analytics in Industrial
Engineering

Search Committee Chair

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Search for Tenure-Track/Tenured Faculty Department of Mechanical & Industrial Engineering Northeastern University, Boston, MA

Multiple faculty positions: Data Analytics in Industrial Engineering

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 Data Analytics. Application areas of interest include, but are not limited to, supply chain, manufacturing, healthcare and human-machine 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 Operations Research, Industrial Engineering or a closely related field by the start date is required. Demonstrated excellence in research, teaching, and collaborative expertise that spans traditional as well as emerging thrust areas is highly desirable.

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 50 tenured/tenure-track faculty members, including 8 new hires since 2014, with over \$10M in annual research funding, over 700 Ph.D. and M.S. students, and a total combined grad/undergraduate student population of over 2000. 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. 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.

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 **October 28th** will be considered for informal interviews at INFORMS 2015. Applications received by **January 15, 2016** will receive full consideration. The target starting date is September 1, 2016, but the positions 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

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