



Northeastern University

College of Engineering

Faculty Positions in Healthcare Industrial and Systems Engineering

Northeastern University, Boston MA

Associate and Full Professor Rank

About Northeastern

Northeastern faculty pursue interdisciplinary research addressing global challenges in health, security, and sustainability. The university is home to over 30 federally funded research centers and institutes, including the campus-level Healthcare Systems Engineering Institute and an NSF ADVANCE grant promoting careers of women in engineering and science.

Northeastern is an urban university located in the heart of Boston among the nation's best hospitals, world renowned research institutions, and historical arts and music landmarks, recently enjoying an unprecedented rise in the US News and World Report's National Research University rankings. The university also is an inaugural member of the Massachusetts Green High Performance Computing Center world-class academic research computing facility in Holyoke MA.

About Boston

Boston is home to over 60 universities and colleges, world renowned health systems, and vibrant cultural activities including the Museum of Fine Arts, Museum of Science, Boston Symphony, Boston Pops, and numerous theaters. New York City, Cape Cod, Vermont ski areas, and the coast of Maine are all within a 2-4 hour drive.

For more information

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The Department of Mechanical and Industrial Engineering (MIE) invites exceptional applications for two tenure-track/tenured faculty positions in healthcare industrial engineering, broadly defined, at the Associate and Full Professor levels.

A doctorate in industrial engineering, operations research, healthcare management science, or a closely related field is required. Successful candidates are expected to develop or continue a funded research program, work closely with our university-level Healthcare Systems Engineering Institute (www.hsye.org), and excel in teaching. Applicants with exceptional qualifications at the assistant professor level also will be considered.

The MIE department (www.mie.neu.edu) is a vibrant and growing community, ranked among the top 50 in the nation by *US News and World Report* and comprised of 44 full-time faculty with \$10 million in annual research funding, 110 PhD, 420 MS, and 1,200 undergraduate students.

The Healthcare Systems Engineering Institute includes two federally-awarded research centers, several growing degree programs, approximately \$9.5 million in external funding, 2,600 square-feet of executive and research space, and three graduate/undergraduate cooperative education and research internship programs working with dozens of regional and national healthcare systems. Health also is one of Northeastern's strategic growth areas, several opportunities exist to collaborate with faculty and other programs across campus, including our Bouve College of Health Sciences, College of Nursing, and public health programs.

The College of Engineering is home to the Gordon Engineering Leadership program and eight federally-funded research centers in healthcare, nano manufacturing, micro contamination, subsurface sensing, and transportation, as well as a 7,000 square-foot class 10/100/1000 micro/nanofabrication facility and a newly-opened 70,000 square foot Kostas Research Institute for Homeland Security at our Burlington campus. At the core of the Northeastern education experience is our top-ranked cooperative education program that contributes significantly to Northeastern's integrated learning model.

Applicants should submit a Curriculum Vita, teaching and research statements, and contact information for three references online at <http://www.coe.neu.edu>. Both positions will remain open until filled, however applications received by February 28, 2014 will receive first consideration.

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.