



Northeastern

FACULTY POSITIONS IN SUSTAINABLE BUILDING DESIGN, SYSTEMS, AND TECHNOLOGY

Interdisciplinary Faculty Positions in the College of Engineering (COE) and the College of Arts, Media and Design (CAMD)

Responsibilities

Assistant / Associate / Full Professor in *Sustainable Building Design, Systems, and Technology*

Northeastern University has initiated a major initiative to hire faculty for all relevant areas of Sustainability. The School of Architecture and the Department of Civil and Environmental Engineering seek cross-college faculty candidates for tenured or tenure-track appointments at the assistant, associate, or full professor level. Northeastern's cross-college hiring efforts seek to foster education and research across disciplinary boundaries. The successful candidates will be expected to demonstrate a proven ability to sustain a research program with an emphasis on interdisciplinary and translational research, teach both undergraduate and graduate classes, and be an active, recognized leader in the discipline. We invite applications from individuals who can contribute to one or more areas within Sustainable Building Design, Systems, and Technology.

Sustainable Building Design, Systems, and Technology: In our new century of diminishing resources and expanding populations, buildings are a critical factor in sustainability because they consume a large proportion of the world's material, economic and energy resources. This creates a demand to produce high performance buildings that will respond to site and climatic contexts, that are durable, adaptable, and affordable, and that integrate strategies for low embodied energy, low energy consumption, and high energy harvesting capabilities. These complex demands will increasingly require collaborative research and practices among the full range of building related disciplines. Northeastern aims to become a leader in combining the expertise in architectural and engineering design, systems and technology to produce sustainable solutions for the built environment. This position will focus on bridging the gap between high design and high performance building systems; architectural expression and structural integrity; resource and energy optimization; the construction and operations of buildings; and integrated design, integrated project delivery and team management.



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Qualifications

A Doctorate degree or equivalent terminal degree in architecture, civil and/or environmental engineering, or closely related fields, and an outstanding record of scholarship, teaching, and service commensurate with desired level of appointment.

About Northeastern University

Northeastern University is located in the heart of Boston and benefits from the intellectual and cultural vitality of an urban environment. Northeastern has numerous international partnerships, is a premier experiential education university, and is a National Science Foundation ADVANCE Institutional Transformation site. The School of Architecture is an accredited program that focuses on urban architecture and its performative design. The School houses the Urban Landscape Program for the study of public space and infrastructure in the urban context, and a study abroad program in Berlin, Germany. The Department of Civil and Environmental Engineering leads two major research centers, including the NIST-funded center on Versatile Onboard Traffic Embedded Roaming Sensors (VOTERS) and the NIH-sponsored program Puerto Rico Test site for Exploring Contamination Threats (PROTECT). Faculty enjoy collaboration with the Homeland Security Center of Excellence on Awareness and Localization of Explosive-Related Threats (ALERT), the NSF-funded Gordon Center for Subsurface Sensing and Imaging Systems (CenSSIS), the NSF-funded Center for High-Rate Nanomanufacturing (CHN), the newly designed George J. Kostas Research Institute for Homeland Security, and several other research clusters in the College of Arts, Media and Design, College of Engineering, College of Science, Bouvé College of Health Sciences, and the College of Social Science and Humanities.

Equal Employment Opportunity

Northeastern University is an Equal Opportunity, Affirmative Action Educational Institution and Employer, Title IX University. Northeastern University particularly welcomes applications from minorities, women and persons with disabilities. Northeastern University is an E-Verify Employer.



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How to Apply

To apply, visit the College of Arts, Media, and Design website:

<http://www.northeastern.edu/camd/>, and click on "About", then "Careers" to take you to Faculty Positions. If viewing this through a Northeastern website, simply click on the "Apply to this Job" button at the top.

Applicants will be asked to upload a letter of application, CV, a statement of current and future research agendas, and the names of three referees. A portfolio of writings and/or projects may be requested during the search process. General inquiries and inquiries from potential senior candidates are welcome and may be directed either to the Director of the School of Architecture, George Thrush, g.thrush@neu.edu, or the Chair of the Department of Civil and Environmental Engineering, Jerome Hajjar, JF.Hajjar@neu.edu. Applications received by February 15, 2013 will be given full consideration.