



BOSTON UNIVERSITY
DEPARTMENT OF MECHANICAL ENGINEERING
TENURE-TRACK JUNIOR FACULTY POSITION IN
EMERGING AREAS OF MECHANICAL ENGINEERING

The College of Engineering at Boston University has embarked on a bold new strategic plan that will pursue excellence and impact along six convergent and collaborative research themes: (1) Intelligent, Autonomous and Secure Systems, (2) Synthetic Biology, Tissue Engineering and Mechanobiology, (3) Energy, Sustainability and Climate, (4) Materials by Design (5) Photonics and Optical Systems, and (6) Neuroengineering, Neuroinformatics, and Neuroscience. The Department of Mechanical Engineering (MechE) is conducting a search at the Assistant Professor rank (pending provost approval). We welcome applications from candidates focused on Emerging Areas of Mechanical Engineering, including, but not limited to: (1) the nexus of energy, resource management, and sustainability (2) sustainable water initiatives that involve nanofluidics and (3) computational mechanics of matter.

Boston University is an AAU institution with a rich tradition of inclusion and social justice and a commitment to broadening participation of underrepresented groups in engineering. We are proud that we were the first American university to award a PhD to a woman. The enhancement of diversity and inclusion in engineering is a foundational initiative in the College of Engineering's new strategic plan.

BU's MechE department has a long history of leadership and collaboration in its core areas of Biomechanics; Matter; Micro/Nanoengineering (MEMS/NEMS); and Robotics and Autonomous Systems. We attract exceptional graduate students and talented faculty at all levels. Our faculty lead and participate in several high-profile, multidisciplinary research centers, including the Institute for Sustainable Energy, the new Center for Multiscale and Translational Mechanobiology, the Hariri Institute for Computing and Computational Science and Engineering, the Center for Information and Systems Engineering, BU's NSF Engineering Research Center in Cellular Metamaterials, the Kilachand Center for Integrated Life Science and Engineering, BU Nano Center, and the Photonics Center.

Leading Assistant Professor tenure-track candidates would hold a PhD in Mechanical Engineering or a related field and would be prepared to conduct an experimental and/or computational research program that would complement and enhance the existing strengths in the Mechanical Engineering Department. We are explicitly looking for candidates who have an interest in the societal impact of their research.

Applicants should submit 1) a cover letter that describes your research/creative and teaching interests; 2) a teaching statement that describes your teaching philosophy and experience, 3) a diversity statement that describes how you, through your teaching and/or scholarship, will contribute to our goal to engender a more inclusive and diverse environment, 4) a statement of research accomplishments and goals including how a focus on collaborative and convergent research can affect your research impact, 5) a current CV and 6) three references with their contact information.

We encourage candidates to apply early, as we will begin reviewing applications on November 19, 2021. Applications received by **December 17, 2021** will be given full consideration. To apply, [visit https://academicjobsonline.org/ajo/jobs/18965](https://academicjobsonline.org/ajo/jobs/18965).

Boston University is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law. We are a VEVRAA Federal Contractor.