



BOSTON UNIVERSITY

DEPARTMENTS OF MECHANICAL ENGINEERING, ELECTRICAL AND
COMPUTER ENGINEERING AND DIVISION OF SYSTEMS ENGINEERING
TENURE-TRACK JUNIOR FACULTY POSITION

The College of Engineering at Boston University (BU) 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. As part of this plan, the **Departments of Mechanical Engineering and Electrical and Computer Engineering** at BU seek a **Tenure-Track Assistant Professor** in the broad, convergent theme of **Intelligent, Autonomous, and Secure Systems**. We are particularly interested in candidates whose research area is **Robotics and Autonomous Systems** that use Artificial Intelligence, Machine Learning, Reinforcement & Real-time Learning. Applications to Neurorehabilitation are of particular interest, but we are open to all candidates whose research will contribute to these broad themes. As such, this search is conducted in partnership with the Systems Engineering Division and Sargent College of Health and Rehabilitation Sciences.

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 Robotics and Autonomous Systems; Biomechanics; Matter; and Micro/Nanoengineering (MEMS/NEMS). 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 new [Center for Multiscale and Translational Mechanobiology](#), the [Hariri Institute for Computing and Computational Science and Engineering](#), the [Center for Information and Systems Engineering](#), [CELL-MET](#) (an NSF Engineering Research Center), the [Kilachand Center for Integrated Life Science and Engineering](#), [BU Nano](#), and [the Photonics Center](#).

Leading Assistant Professor tenure-track candidates will hold a PhD in Engineering or a related field and will be prepared to conduct a research program that would complement and enhance the strengths of BU's MechE Department as well as the College's Strategic Plan.

Applicants should submit 1) a cover letter that describes how your teaching and research/creative interests are a good match for the college's convergent themes 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 collaborations can impact your research impact, 5) a current CV and 6) three references, including their contact information.

We encourage candidates to apply early, as we will begin reviewing applications on November 16, 2020. Applications received by **December 18, 2020** will be given full consideration. To apply, visit <https://academicjobsonline.org/ajo/jobs/17087>

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.