The Boston University Department of Biomedical Engineering (BU BME) invites applications for four tenured or tenure-track faculty positions:

1) **A senior, tenured faculty position in Synthetic Biology or Cellular Engineering** or associated areas. This faculty member is projected to be a key senior member of the newly created Biological Design Center.

2) **A senior, tenured faculty position in Neural Engineering** or associated areas. This person will be key in linking the department’s neural engineering group to other research clusters within the department, as well as newly created Center for Systems Neuroscience and Center for Sensory Communication and Neuroengineering Technology.

3) **A tenure-track junior faculty position in Synthetic Biology** or associated areas. This faculty member will join a dynamic, successful team using engineering approaches to control cellular and subcellular behavior.

4) **A tenure-track junior faculty position in Biomedical Engineering.** The area of specialization is open. Areas of particular interest include Biomedical Optics and Photonics, Biomaterials and Tissue Engineering, Biomechanics, Instrumentation, Cellular or Molecular Bioengineering, Neural Engineering, and Nanotechnology.

BU BME is ranked in the top 10 departments (US News). We attract exceptional talent at all levels of seniority. We have strengths in numerous research areas, boast a wealth of research resources and facilities, and have strong ties to the BU School of Medicine, as well as other top medical research centers in the Boston area. Research expenditures exceed $25M per year. As members of a Coulter Translational Partnership school, faculty can translate research advances into new applications that impact society.

*Boston University is an AAU institution with a rich tradition dedicated to inclusion and social justice. We are proud that we were the first American university to award a PhD to a woman and that Martin Luther King Jr. received his PhD here. The College of Engineering includes diversity as one of five strategic goals. We create societal engineers who use their engineering foundations and other life-long attributes to influence all facets of society’s grand challenges. The college has a sustained national impact broadening and building the diversity pipeline from K-12 schools into STEM majors and careers. We are dedicated to increasing the participation of all talented students and are committed to the pursuit of engineering by underrepresented groups at BU and beyond.*

Senior hires, who will hold a tenured appointment in BME, must hold a PhD in an appropriate area, have a strong history of external funding, and be internationally recognized for distinguished contributions in their fields. Successful candidates will be expected to maintain a robust, extramurally funded research program building on existing strengths and new collaborations, and to mentor junior researchers effectively. Junior hires, who will hold tenure-track appointments in BME, must hold a PhD in an appropriate area, have postdoctoral experience and show potential for leading an independent and vibrant research program. BU also places high value on excellence in teaching. For more information, please visit: [www.bu.edu/eng](http://www.bu.edu/eng); [www.bu.edu/bme](http://www.bu.edu/bme); [http://www.bu.edu/today/2014/science-gets-a-front-door-on-comm-ave/](http://www.bu.edu/today/2014/science-gets-a-front-door-on-comm-ave/).

Applicants should submit a brief letter of interest, statement of accomplishments and plans, a current CV and contact information of three references the appropriate link below. For full consideration, applicants should upload materials before November 1, 2015.

Senior Synthetic Biology or Cellular Engineering: [https://academicjobsonline.org/ajo/jobs/6232](https://academicjobsonline.org/ajo/jobs/6232)
Senior Neural Engineering: [https://academicjobsonline.org/ajo/jobs/6260](https://academicjobsonline.org/ajo/jobs/6260)
Junior Synthetic Biology: [https://academicjobsonline.org/ajo/jobs/6261](https://academicjobsonline.org/ajo/jobs/6261)
Junior All Research Areas: [https://academicjobsonline.org/ajo/jobs/6262](https://academicjobsonline.org/ajo/jobs/6262)

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