**Job Posting Title:** Assistant or Associate Professor, Biomedical Engineering, University of Connecticut

**Position Summary**

The Department of BME at the University of Connecticut (UConn) is undergoing significant growth over the next two years. The BME Department has branches on the Storrs campus and the Health Science Campus (HSC) at Farmington, CT.

To accommodate the new faculty members’ research initiatives, a new building at Storrs and two new floors of research space at UConn HSC have been completed in 2017. For this academic year, the branches of the department are each looking to recruit two faculty, for a total of four new faculty members.

The Department of BME at the University of Connecticut at Storrs invites applications for a tenure-track faculty position at the Assistant or Associate Professor level, with an expected start date of August 27, 2018. The Department of BME (http://www.bme.uconn.edu) offers an ABET-accredited undergraduate major as well as masters and doctoral programs in biomedical engineering. The research specialties of particular interest in this search are: Big Data Engineering, Robotics, Rehabilitation Engineering, Neural Engineering, Tissue Engineering, Biomedical Devices and/or Telemedicine, but strong candidates in other biomedical engineering disciplines are welcome to apply. UConn and the Department of BME, in coordination with the Department of Kinesiology in the School of Health and Natural Resources, and the Department of Medicine at UConn Health Center, are committed to growth and research excellence in Rehabilitation Engineering. Therefore, it is expected that a new faculty member in Rehabilitation Engineering will work closely with the Department of Kinesiology which is consistently ranked as one of the top three graduate programs in the country. There will also be ample opportunity for research collaboration with the Division of Occupational and Environmental Medicine within the Department of Medicine at UConn Health Center.

The University of Connecticut is entering a transformational period of growth supported by the $1.7B Next Generation Connecticut (http://nextgenct.uconn.edu/) and the $1B Bioscience Connecticut (http://biosciencect.uchc.edu/) investments and a bold new Academic Plan: Path to Excellence (http://issuu.com/uconprovost/docs/academic-plan-single-hi-optimized_1). As part of these initiatives, UConn has hired more than 450 new faculty at all ranks during the past three years. We are pleased to continue these investments by inviting applications for faculty positions in the Department of Biomedical Engineering. The Department of Biomedical Engineering has 42 faculty members, 435 undergraduate and 148 graduate students, and actively engages in research in medical imaging and cancer diagnostics,
medical instruments including wearable devices, bioinformatics and regenerative engineering. Other key
strengths for the department include neural engineering, biomechanics and biomaterials.

The successful candidate will be expected to contribute to research and scholarship through extramural
funding (in disciplines where applicable), high quality publications, impact as measured through citations,
performances and exhibits (in disciplines where applicable), national recognition as through honorific
awards. In the area of teaching, successful candidate will share a deep commitment to effective
instruction at the undergraduate and graduate levels, development of innovative courses and mentoring of
students in research, outreach and professional development. Successful candidates will also be expected
to broaden participation among members of under-represented groups; demonstrate through their
research, teaching, and/or public engagement the richness of diversity in the learning experience;
integrate multicultural experiences into instructional methods and research tools; leadership in developing
pedagogical techniques designed to meet the needs of diverse learning styles and intellectual interests.

Qualifications

Minimum Qualifications: Earned Ph.D. in Biomedical Engineering or closely related field; a proven
record of excellence in teaching; demonstrated potential in establishing a successful research and
scholarship, deep commitment to promoting diversity through their academic and research
programs. Equivalent foreign degrees are acceptable.

Preferred Qualifications: Expertise in Biomedical Engineering and outstanding record of research and
scholarship excellence; commitment to effective teaching, integrating technology into instruction, on-line
instruction; the ability to contribute through research and research, teaching, and/or public engagement to
the diversity and excellence of the learning experience; experience as a post-doctoral or industry
researcher in a research-competitive environment; exposure to developing research grant applications to
federal funding agencies; interest in collaboration with industry.

Appointment Terms

This is a full-time, 9-month, tenure track position with an anticipated start date of August 27, 2018. The successful candidate’s primary academic appointment will be at the Storrs campus with
the possibility of assignment at one of UConn’s regional campuses. Salary will be commensurate
with qualifications and experience.

To Apply

Go to www.jobs.uconn.edu Select “Apply Now” to be redirected to Academic Jobs Online to complete
your application. Please submit the following: cover letter, curriculum vitae, teaching statement
(including teaching philosophy, teaching experience, commitment to effective learning, concepts for new
course development, etc.); research and scholarship statement (innovative concepts that will form the
basis of academic career, experience in proposal development, mentorship of graduate students, etc.);
commitment to diversity statement (including broadening participation, integrating multicultural
experiences in instruction and research and pedagogical techniques to meet the needs of diverse learning
styles, etc.); sample journal articles or books to Husky Hire (www.jobs.uconn.edu). Please choose one
area of specialization from Biomedical and Health Big Data Analytics, Robotics and Rehabilitation,
Tissue Engineering, Neural Engineering, and Biomedical Instrumentation/Devices/Telemedicine
and indicate it in your cover letter. Any questions should be sent to: kchon@enr.uconn.edu.
Employment of the successful candidate is contingent upon a successful completion of a pre-employment criminal background check.

Five letters of reference should be sent to: Faculty Search Committee, Search #2017190, University of Connecticut Dept. of Biomedical Engineering, 260 Glenbrook Rd. Unit 3247, Storrs, CT 06269 or e-mailed to birgit.sawstrom@uconn.edu. Evaluation of applicants will begin immediately and continue until the position is filled.

For more information regarding the Department of Biomedical Engineering please visit the department website at http://www.bme.uconn.edu/. At the University of Connecticut, our commitment to excellence is complemented by our commitment to building a culturally diverse community. We actively encourage women, people with disabilities, and members of minority groups to apply. The University of Connecticut is an Equal Employment Opportunity/Affirmative Action employer.

All employees are subject to adherence to the State Code of Ethics which may be found at http://www.ct.gov/ethics/site/default.asp.