

The University of Southern California, one of the nation's top research universities, invites applications for tenure-track positions in the Department of Biomedical Engineering in the Viterbi School of Engineering. We seek outstanding faculty candidates for positions at any rank. The Viterbi School of Engineering at USC is committed to increasing the diversity of its faculty and welcomes applications from women, underrepresented groups, veterans, and individuals with disabilities. Outstanding senior applicants who have demonstrated academic excellence and leadership, and whose past activities document a commitment to issues involving the advancement of women in science and engineering may also be considered for the Lloyd Armstrong, Jr. Endowed Chair, which is supported by the Women in Science and Engineering (WiSE) Program endowment.

We invite applications from candidates knowledgeable in biomedical engineering, and will focus on a candidate's promise and/or track record during the review process. Candidates with interest in the following areas detailed below, are especially encouraged to apply:

1. **Systems Cellular-molecular Bioengineering.** Areas of interest include but are not limited to: genetic regulatory networks; morphodynamics and morphogenesis; combined quantitative cellular mechanobiology; experimental and modeling approaches to translational research and medical therapeutics; metabolomics; computational systems biology; biocomplexity analysis, and engineering aspects of stem cell and regenerative medicine research. We are particularly interested in candidates at the associate and full professor ranks.
2. **Neuroengineering.** Areas of interest include but are not limited to: next generation neural interfaces, complex large-scale and multi-scale modeling for reverse engineering the brain, and bioelectronic devices for medical applications. We are interested in candidates at any rank.

We seek energetic individuals who will participate in the university's research enterprise and engage with students at the graduate and undergraduate levels. Successful candidates will establish a strong, externally funded, research program of national prominence while contributing to the core teaching mission of the department. An earned doctorate in a field closely related to Biomedical Engineering is required.

The USC Viterbi School of Engineering is among the top tier of engineering schools in the world. It counts 180 full-time, tenure-track faculty members, and is home to the Information Sciences Institute, two National Science Foundation Engineering Research Centers, a Department of Energy EFRC (Energy Frontiers Research Center), and the Department of Homeland Security's first University Center of Excellence, CREATE. The school is affiliated with the Alfred E. Mann Institute for Biomedical Engineering, the Institute for Creative Technologies and the USC Stevens Center for Innovation. Research expenditures typically exceed \$180 million annually.

To receive full consideration, candidates should apply on-line at the faculty application website: <http://bme.usc.edu/directory/faculty/open-positions/>. Application materials include a cover letter, curriculum vitae, statement of research and teaching interests, and contact information for suggested references. Applications should be submitted by December 31, 2015; applications received after this date might not be considered. Interested individuals are welcome to contact Dr. Ellis Meng, Chair of the Department of Biomedical Engineering (ellis.meng@usc.edu). They are also encouraged to visit the website of the Department (<http://bme.usc.edu>) for details on current educational and research programs.

USC is an equal-opportunity educator and employer, proudly pluralistic and firmly committed to providing equal opportunity for outstanding persons of every race, gender, creed and background. The University particularly encourages members of underrepresented groups, veterans, and individuals with disabilities to apply. The Viterbi School of Engineering at USC is committed to enabling the success of dual career families and fosters a family-friendly environment.

