University of Southern California
Ming Hsieh Department of Electrical Engineering
2016 Tenure-Track Faculty Positions in Electrical Engineering*

The Ming Hsieh Department of Electrical Engineering (http://ee.usc.edu) of the USC Viterbi School of Engineering (http://viterbi.usc.edu) seeks outstanding faculty candidates for multiple faculty positions at any tenure-track or tenured rank. The Viterbi School is committed to increasing the diversity of its faculty and welcomes applications from women, persons from underrepresented groups, veterans, and individuals with disabilities.

Outstanding candidates from all areas of electrical engineering will be considered. Specific areas of interest include but are not limited to: (1) infrastructure for data sciences, (2) methods for addressing large scale data science problems, (3) next generation microscopy; imaging, monitoring, and controlling neuronal activity, (4) low-power integrated circuits and systems, (5) bio-electronics, bio-photronics, brain engineering, and neuromorphic systems, (6) experimental quantum engineering for sensing, information processing, and communication, (7) theoretical and computational nanoscience and device research.

Candidates are expected to teach undergraduate and graduate courses, supervise undergraduate, graduate, and post-doctoral researchers, and develop a strong funded research program. Applicants must have a Ph.D. or the equivalent in electrical engineering or a related field and a strong research and publication record. Applications must include a letter indicating area(s) of specialization, a detailed curriculum vitae, a statement of current and future research directions, and contact information for at least four professional references. Application materials should be submitted electronically at http://ee.usc.edu/about/2016-faculty-positions-in-ee.htm by January 1, 2016 to receive full consideration. Outstanding senior applicants with demonstrated academic excellence and leadership, and whose past activities document a commitment to 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.

USC Viterbi School of Engineering 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), the NSF Innovation-Corps IN-LA, 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.

Ming Hsieh Department of Electrical Engineering has the student body consisting of approximately 330 undergraduate students, 900 M.S. students, and 350 Ph.D. students. The Department has a total of more than 60 tenured and tenure-track primary faculty, of whom 13 are members of National Academy of Engineering; 3 are members of National Academy of Sciences; 12 are fellows of the American Association for Advancement of Science; 5 are members of the American Academy of Arts and Sciences; 40 are IEEE fellows; 9 have received IEEE gold medals; and 1 is recipient of the National Medal of Science.

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 family-friendly environment.

*Please refer to 20026051 - Assistant, Associate, and Full Professor of Electrical Engineering (Open Rank) in all communication for this position.