



FACULTY POSITION in BIOMEDICAL ENGINEERING VANDERBILT UNIVERSITY

The Department of Biomedical Engineering at Vanderbilt University (VUBME) invites applications for a tenured/tenure-track faculty position. VUBME seeks an outstanding candidate who can add to existing strengths in translational research working at the interface between surgery and engineering. Candidates with strengths in interventional medical imaging, intraoperative diagnostics for surgery, and surgical devices/systems for therapy delivery are of particular interest. Outstanding candidates who can join established strengths in regenerative nanobioengineering, microphysiological systems engineering, biomedical photonics, and medical imaging will also be considered. Applicants must demonstrate the ability to develop a vibrant, externally funded research program, along with an equal commitment to outstanding teaching at both the undergraduate and graduate levels. This opportunity is part of an interdisciplinary Vanderbilt research thrust in 'Medicine and Health' and leverages a new building, integrating engineering and medicine at a granular level, projected for occupancy in summer 2015.

VUBME (www.bme.vanderbilt.edu) exists at both the scientific and geographic boundary of Vanderbilt's engineering and clinical departments of its renowned medical center, making it an ideal location for engineering research at the interface of technology and surgical medicine. In close association with VUBME is the Vanderbilt Initiative in Surgery and Engineering (ViSE: www.vanderbilt.edu/vise), which is a comprehensive research center that consists of core faculty spanning three engineering departments and nearly a dozen surgical and interventional specialties. ViSE offers multi-scale device fabrication facilities and an extensive array of unique intraoperative instrumentation to include spatial localization systems, imaging devices, and medical robotic prototypes.

Vanderbilt University is a private, internationally renowned research university located in vibrant Nashville, Tennessee. Its ten distinct schools share a single cohesive campus that nurtures interdisciplinary activities. The School of Engineering currently comprises 85 tenured and tenure-track faculty, operates with an annual budget of \$100 million including \$60 million of externally funded research, and teaches 1,300 undergraduate and over 400 graduate students. The School of Engineering over the past decade has been on a strong upward trajectory in its national and international stature and prominence. In the 2013 rankings of graduate engineering programs by *U.S. News & World Report*, the School ranks 5th among programs with fewer than 100 faculty.

With a metro population of approximately 1.5 million people, Nashville has been named one of the 15 best U.S. cities for work and family by Fortune magazine, was ranked as the number one most popular U.S. city for corporate relocations by Expansion Management magazine, and was named by Forbes magazine as one of the 25 cities most likely to have the country's highest job growth over the coming five years. Major industries include tourism, printing and publishing, technology manufacturing, music production, higher education, finance, insurance, automobile production and health care management.

Applications should be submitted electronically (see link below) and must include: a cover letter with names and contact information of at least three references, a CV, a statement of research and a statement of teaching philosophy. Applications received prior to 01 November 2012 will receive priority in evaluation. Vanderbilt University is an affirmative action/equal opportunity employer committed to increasing the cultural and intellectual diversity of its faculty.

Chair, BME Faculty Search Committee
Department of Biomedical Engineering
Box 351631, Station B
Nashville, TN 37235

Add Link: <https://academicjobsonline.org/ajo/jobs/1784>