



## **FACULTY POSITION in CHEMICAL and BIOMOLECULAR ENGINEERING at VANDERBILT UNIVERSITY**

The Department of Chemical and Biomolecular Engineering at Vanderbilt University (VU ChBE) invites applications for a tenure-track faculty position at the rank of Assistant Professor. We seek an outstanding candidate with demonstrated expertise in the areas of materials, particularly at the nanoscale, and/or energy who can synergistically leverage our strong interdisciplinary environment to establish a leading research program that applies engineering approaches to solve key societal problems. We also seek an active, culturally and academically diverse faculty of the highest caliber, skilled in both scholarship and teaching. This opportunity is part of the Vanderbilt School of Engineering's strategic direction in 'Energy and Natural Resources' and coincides with the construction of the new 230,000 sq ft Engineering and Science building slated for occupancy during the summer of 2016.

VU ChBE (<http://engineering.vanderbilt.edu/chbe/>) is located within a 4 min walk of Vanderbilt's other engineering and science research departments as well as the Vanderbilt Institute for Nanoscale Science and Engineering (VINSE). VINSE is the nucleus for nanoscale materials research at Vanderbilt, and is one of numerous interdisciplinary centers and institutes across the campus (<http://research.vanderbilt.edu/centers-institutes/>) that offers comprehensive and state-of-the-art core facilities. VU ChBE is also a short walk from the clinical departments of Vanderbilt's renowned co-located medical center, facilitating interdisciplinary engineering research with potential translational medical impact.

Ranked in the top 20 nationally, Vanderbilt is a private, internationally recognized research university located on 330 park-like acres 1.5 miles from downtown Nashville, Tennessee. Its ten distinct schools share a single cohesive campus that nurtures interdisciplinary activities. The university has a student body of over 12,000 undergraduate, graduate, and professional students, including 25.3% minority students and 1,169 international students from 84 countries. The School of Engineering currently comprises 90 tenured and tenure-track faculty, operates with an annual budget of over \$100 million, including \$70 million from externally funded research, and serves over 1,400 undergraduate and nearly 500 graduate students. In the 2015 rankings of graduate engineering programs by U.S. News & World Report, the School ranks in the top three among programs with fewer than 100 faculty (behind Caltech and Harvard) and has risen steadily in the rankings over the past decade.

With a metro population of approximately 1.5 million people, Nashville has been named the "It" city by Time magazine, 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 health care, health care management, tourism, printing and publishing, higher education, music production, and automobile manufacturing.

Applications should be submitted electronically (<https://academicjobsonline.org/ajo/jobs/6019>) 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 November 1, 2015 will receive priority in evaluation. Vanderbilt University is an equal-opportunity, affirmative-action employer that aspires to become a leader among peer institutions in making meaningful and lasting progress in responding to the needs and concerns of women and members of under-represented minority groups.