



FACULTY POSITIONS in CHEMICAL and BIOMOLECULAR ENGINEERING at VANDERBILT UNIVERSITY

The Department of Chemical and Biomolecular Engineering at Vanderbilt University (VU ChBE) invites applications for one or more tenured/tenure-track faculty positions at any rank. We seek outstanding candidates with principal efforts toward experiments and/or simulations in the areas of bioengineering (synthetic biology, biomaterials, tissue engineering, biosystems engineering, and regenerative medicine), materials (polymers, nanomaterials, separations, catalysis), and energy (solar, fuel cells, biofuels, batteries, supercapacitors). We seek candidates who can synergistically leverage our strong interdisciplinary environment to establish a leading research program that applies engineering approaches to solve key societal problems. This opportunity is part of the Vanderbilt School of Engineering's strategic directions in 'Regenerative Medicine,' 'Nanoscale Science and Engineering,' and 'Energy and Natural Resources' and coincides with the expansion of the new 230,000 sq ft Engineering and Science Building.

VU ChBE (<http://engineering.vanderbilt.edu/chbe/>) has annual research expenditures of \$7.5M and has steadily climbed the USNWR graduate rankings over the past fifteen years to currently rank at #33. With fourteen current full-time tenured/tenure-track faculty, we are consistently ranked as one of the top five chemical engineering departments in the U.S. with fifteen or fewer faculty. VU ChBE is located within a 4 min walk of Vanderbilt's other engineering and science research departments and is adjacent to 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 #14 nationally, Vanderbilt University is a private, internationally recognized research university located on 330 park-like acres 1.5 miles from downtown Nashville, Tennessee. Its 10 distinct schools share a single cohesive campus that values collaboration. The university enrolls over 13,500 undergraduate, graduate, and professional students, including 36% minority students and over 1,400 international students from 91 countries.

With a metro population of over two million people, Nashville's top industries by employment include trade, transportation and utilities; education and health services; professional and business services; government; and leisure and hospitality. Other industries include manufacturing, financial activities, construction, and information. Long known as a hub for health care and music, Nashville is a technology center with a considerable pool of health care, AI, and defense-related jobs available. In recent years, the city has experienced an influx of major office openings by some of the largest global tech companies and prime Silicon Valley startups.

Vanderbilt University has a strong institutional commitment to recruiting and retaining an academically and culturally diverse community of faculty. Minorities, women, individuals with disabilities, and members of other underrepresented groups, in particular, are encouraged to apply. Vanderbilt is an Equal Opportunity/Affirmative Action employer.

Vanderbilt University has made the safety of our students, faculty and staff, and our surrounding communities a top priority. As part of that commitment, the University recently announced that students, faculty, and staff, are required to be vaccinated against COVID. As a prospective and/or a new employee at Vanderbilt, you will be required to comply with the University's vaccination protocol. Effective, August 1, 2021, proof of full vaccination or an approved accommodation will be required before the start of employment in order to work at Vanderbilt University.

Applications should be submitted electronically via <http://apply.interfolio.com/95964> 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 19, 2021 will receive priority in evaluation. The committee will begin reviewing applications on November 1.