School of Chemical, Materials and Biomedical Engineering
College of Engineering
UNIVERSITY OF GEORGIA

Two Tenure-Track Faculty Positions in Biomanufacturing

The School of Chemical, Materials, and Biomedical Engineering at the University of Georgia (UGA) invites applications for two 9-month tenure-track assistant professor positions to begin August 2025.

Advancing biotechnology and biomanufacturing innovations are critical for spurring a circular bioeconomy in the United States to produce sustainable chemicals, materials, and industrial products. Similarly, biomanufacturing of therapeutic cell and gene therapies has the potential to provide novel treatments for diseases and disorders in applications such as regenerative medicine and cancer. The School of Chemical, Materials, and Biomedical Engineering seeks applications from exceptional candidates in all aspects of bio-based manufacturing from production, processing, characterization, and scale-up to downstream processing. Examples of interdisciplinary research fields include cellular engineering, gene editing and therapies, synthetic biology, antibody and protein design and production, biocatalysis and enzyme engineering, bioreactor design, metabolic engineering and fermentation, and other biochemical routes to synthesize platform chemicals, sustainable materials, proteins, biopolymers, and other industrial products from biological resources.

The successful candidate is expected to: (1) establish an outstanding, internationally recognized research program (2) foster and establish collaborations and partnerships within and outside the College of Engineering, as well as industry, (3) exhibit a strong commitment to teaching excellence at both the undergraduate and graduate levels, and (4) compete successfully for extramural funding to support research and a companion graduate and postdoctoral training program.

Candidates should have a Ph.D. degree in chemical engineering, biomedical engineering, bioengineering, or a closely related discipline, and an excellent research record in an area broadly associated with bio-based engineering and manufacturing of therapeutic cells, animal cells, plant cells, and/or sustainable chemicals, biomaterials, and industrial products.

The School of Chemical, Materials, and Biomedical Engineering is building a vibrant academic environment that fosters engineering education in a liberal arts environment and research that addresses critical societal needs. The School offers undergraduate and graduate engineering degree programs in biochemical engineering and biological engineering and has grown rapidly to over 450 undergraduate and graduate students and 23 faculty members. More information can be found at https://engineering.uga.edu/schools/school-of-chemical-materials-biomedical-engineering/

The University of Georgia is a public land-grant and sea-grant university located in Athens, GA. It is the oldest state-chartered institution in the United States and currently enrolls more than 36,000 students across 17 schools and colleges. Ranked among the top 20 public institutions by US News and World Report, UGA is a research-intensive university that prides itself on providing high-quality undergraduate, graduate, and professional education.

To apply, candidates should submit an application at https://www.ugajobsearch.com/postings/402003
Questions related to the position may be directed to the search committee chair, Dr. Sudhagar Mani (smani@uga.edu).

Applications received before December 1, 2024, will be given full consideration.

The University of Georgia is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, gender identity, sexual orientation or protected veteran status.