

Assistant Professors in the fields of Biochemistry and Microbiology

The Franklin College of Arts and Sciences at the University of Georgia invites applications for two tenure track faculty positions in the broad area of Microbial Processes and Design, beginning August 1, 2023, at the level of Assistant Professor.

One of the positions resides in the Dept. of Microbiology, which is especially interested in biologists who combine wet-bench experimentation with large-scale data to address significant issues in biotechnology, therapeutics, or basic microbiology. Specific research areas may include metabolic pathways, metabolic engineering, biochemical optimization, microbial biosphere impact, mechanisms of drug or vaccine resistance, and assessment of new drug targets. The ideal candidate will strengthen connections of our current research programs to industrial and clinical problems.

The other position resides in the Dept. of Biochemistry & Molecular Biology. Of particular interest are biochemists who investigate novel metabolic pathways in emerging microbial pathogens, including viruses, bacteria, extremophiles and protists. In addition, biochemists who are pursuing research that addresses the impacts of climate change and/or biological methods to convert CO₂ into new materials or use as “net-zero” fuels are also encouraged to apply. Traditional biochemistry disciplines associated with anaerobic enzymology, metalloproteins, structural biology, RNA biology, and omics studies offer unique strategies to address these challenges, often synergistically with more applied approaches with other disciplines on the UGA campus. The availability of analytical and fermentation instrumentation in a local BSL-3 facility allows unique opportunities for studying more dangerous pathogens.

There are outstanding opportunities for collaborations with faculty across our Life Sciences departments and our Complex Carbohydrate Research Center, Center for Molecular Medicine, Center for Tropical and Emerging Global Diseases, and access to the Georgia Genomics and Bioinformatic Center, the Network for Advanced NMR, the X-Ray Diffraction Core Facility, the Microscopy Core, the Chemistry Proteomics Core, the Bioexpression and Fermentation Facility, and Advanced Computing Resources.

A Ph.D. (or equivalent) in Biochemistry, Microbiology, or a related field with 1 or more years of postdoctoral experience is required at the time of appointment. The most competitive applicants will have a strong research record, demonstrate a well-developed research plan, and exhibit a commitment to teaching at the graduate and undergraduate levels.

Assistant Professor in Microbiology

Visit <https://www.ugajobsearch.com/postings/285387> to apply.

Questions may be directed to the Search Committee at mibobiochemsearch@uga.edu.

Assistant Professor in Biochemistry

Visit <https://www.ugajobsearch.com/postings/285609> to apply.

Questions may be directed to the Search Committee at biochemsearch@uga.edu.

Applications for both positions should include the following materials: 1) cover letter, 2) curriculum vitae, 3) statement of research interests and goals (up to 2 pages), and 4) a statement of teaching experience and philosophy (up to 2 pages). Applicant materials should reflect a commitment to mentoring and fostering a diverse and inclusive learning environment in the classroom and in your research group. Applicants who wish to be considered for both positions should indicate this in their cover letter. Candidates should also submit names and contact information for 3 references who can be asked to provide letters of recommendation. Applications received by December 16, 2022 are assured full consideration.

The University of Georgia is a research-intensive (R1) land-grant and sea-grant university located in Athens-Clarke County with strong research facilities in mass spectrometry, NMR, crystallography, fermentation, microscopy, bioinformatics and cell biology. Athens lies in the northern Piedmont region of Georgia an hour-plus drive from Atlanta, less than 2 hours from the Chattahoochee National Forest and southern Appalachian Mountains, and within easy driving distance of the Atlantic coast. Athens is home to a thriving arts and music community and prides itself on its cultural diversity (<http://www.visitathensga.com>).

The departments of Biochemistry & Molecular Biology and Microbiology, the Franklin College of Arts and Sciences with its many other units, and the University of Georgia are committed to promoting a diverse and equitable climate for all students, faculty and staff, and to creating a work and learning environment that is inclusive. Women, people from historically excluded groups, and people with disabilities are encouraged to apply. 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, ethnicity, age, genetic information, disability, gender identity, sexual orientation, or protected veteran status. Persons needing accommodations or assistance with the accessibility of materials related to this search are encouraged to contact Central HR (hrweb@uga.edu).