

Tenure-track faculty positions at Georgia Institute of
Technology and Emory University
Georgia Institute of Technology and Emory University

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Job Title	Tenure-track faculty positions at Georgia Institute of Technology and Emory University
Department	Biomedical Engineering https://www.bme.gatech.edu/
Institution	Georgia Institute of Technology and Emory University Atlanta, Georgia
Date Posted	Aug. 30, 2017
Application Deadline	Nov. 10, 2017
Position Start Date	Fall 2018
Job Categories	Assistant Professor
Academic Field(s)	Sciences - General
Job Website	https://academicjobsonline.org/ajo/GaTechEmory/BME
Apply Online Here	https://academicjobsonline.org/ajo/GaTechEmory/BME
Apply By Email	

Job Description

The Wallace H. Coulter Department of Biomedical Engineering, a joint department between Georgia Tech's College of Engineering and Emory University's School of Medicine (Atlanta, GA), is ranked #1 by US News and World Report. We benefit from a vibrant community of scientists, engineers and clinicians and are strongly supported by both institutions for continued growth.

For 2017-2018, we invite applications for multiple tenure-track faculty positions in the following areas:

- Stem Cell Biology, Engineering, and Manufacturing. We seek candidates who can seamlessly interface between these areas to carry out translation of cell therapies or bring novel approaches to stem cell engineering and manufacturing, such as big data analytics/modeling/informatics, bioMEMs,

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biosensors, non-destructive and rapid cellular analyses, organoid-based disease models, integrated bioreactors, etc. In addition to stem cells, candidates working on immune cell manufacturing and engineering and focusing on the above-mentioned areas are also welcomed.

- Imaging Science and Technology, which includes but is not limited to: Image guided therapy and interventions, Neuroimaging, Multi-scale imaging, Point of care imaging and instrumentation, Biomedical image processing and analytics, Optical imaging and super-resolution, and Functional/molecular imaging and probes.

There is the possibility of more than one hire in each of the above areas.

In addition to the above focus areas, truly exceptional candidates (“best athletes”) in other areas of research will also be considered. Such areas could include topics in immunoengineering, synthetic biology, neuroengineering, or protein engineering, but are not limited to those listed here.

Research activities of applicants should be broadly synergistic with the existing strengths in the department, described under Research on our website, www.bme.gatech.edu. Indeed, candidates must describe in their cover letter how their research would synergize with other activities within the Department and could be applied to address important clinical needs. Candidates must hold a doctoral degree (PhD, MD, or equivalent) in engineering, medicine, applied mathematics, computer science, or the natural sciences. Successful candidates will be expected to develop a vibrant externally-funded research program and to participate in teaching and advising undergraduate and graduate students.

Applications should be submitted to the Coulter Department of Biomedical Engineering’s employment website (see below). Please include: (1) a cover letter; (2) a statement of research interests, not to exceed 4 pages and focusing on the impact of the candidate’s proposed research, the underlying questions, and the approach(es) to be taken; (3) a statement of teaching interests and philosophy, not to exceed 1 page; (4) a complete curriculum vitae; and (5) names and complete contact information of three professional references.

For inquiries, please contact the BME Search Committee at GT-Emory-Recruiting@bme.gatech.edu (No email applications, please.)

Applications will be considered starting immediately on a rolling basis. To ensure full consideration, all application materials must be received on or before ****November 10, 2017****

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EEO/AA Policy

Georgia Institute of Technology and Emory University are EEO/AA/DISABILITY/VETERAN EMPLOYER employers. Women, minorities, and other under-represented groups are encouraged to apply.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact BME Search Committee
Georgia Institute of Technology and Emory University
Atlanta, GA

Contact E-mail GT-Emory-Recruiting@bme.gatech.edu