Discover Your Career at Emory University

Emory University is a leading research university that fosters excellence and attracts world-class talent to innovate today and prepare leaders for the future. We welcome candidates who can contribute to the diversity and excellence of our academic community.

Description

The Wallace H. Coulter Department of Biomedical Engineering, [http://bme.gatech.edu](http://bme.gatech.edu), a joint department between Georgia Tech's College of Engineering and Emory University's School of Medicine (Atlanta, GA), invites applications for tenure track faculty positions at the assistant, associate, and full professor levels.

We are currently soliciting applications for faculty in Neuroimaging and/or Neural Engineering to be appointed and located in the Emory University School of Medicine.

Neuroimaging and/or Neural Engineering: Applicants are invited with a focus in at least one of the following areas:

- Preclinical animal MRI (9.4T or 11.7T)
- Novel methods for human brain imaging at high magnetic fields (7T)
- MRI technology
- Human, animal, and clinical models
- Novel methods for recording and stimulating the nervous system
- Quantitative and computational methodologies in neuroscience

Emory is making a substantial investment in preclinical and clinical imaging under the auspices of the Center for Systems Imaging Core, [https://www.cores.emory.edu/csic/](https://www.cores.emory.edu/csic/). The expanded center will be sited in a new building, expected to be completed in the summer of 2022, and will include a new 11.7 T MRI for rodents and a 7T MRI for humans.

Successful candidate should have a research program synergistic with the existing strengths in the department and in the greater neural engineering communities at Georgia Tech and Emory. Information can be found at the following websites: [www.bme.gatech.edu](http://www.bme.gatech.edu), [nec.gatech.edu](http://nec.gatech.edu), [neuro.gatech.edu](http://neuro.gatech.edu), [biomed.emory.edu/PROGRAM_SITES/NS/](http://biomed.emory.edu/PROGRAM_SITES/NS/).

Located in Atlanta, The Wallace H. Coulter Department of Biomedical Engineering at Georgia Tech and Emory University has a student body of 1,200 undergraduates, 260 graduate students, and 70 primary and 73 program faculty. Since its beginning, the unique partnership between two of the nation's leading public and private entities has been an innovation engine for research and education. Together, we are focused on solving some of the toughest problems facing our state, the nation, and the world. We are a diverse and international community of faculty, students and staff who promote equity, diversity, and inclusion on our campuses. We strive to create and maintain an environment that values and respects our individual and communal differences, and to support a healthy work-life balance.
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.

**Applicants should submit:** (1) a letter of application describing how their research will be applied to address important clinical needs and how it will synergize with other research activities within the Biomedical Engineering Department ([https://bme.gatech.edu/bme/research](https://bme.gatech.edu/bme/research)); (2) curriculum vitae; (3) 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; (4) a statement of education interests addressing teaching interests as well as their advising/mentoring philosophy, not to exceed 1 page; (5) a statement describing their understanding of, prior engagement and vision for creating inclusive environments in the laboratory, classroom, and community to support DEI, not to exceed 1 page; and (6) the names and contact information for at least three references.

Application materials should be submitted via [Emory’s Application Website](https://bme.gatech.edu/bme/research) for the Neuroimaging and/or Neural Engineering positions.

**Applications will be considered starting immediately on a rolling basis.**

**Emory Supports a Diverse and Inclusive Culture**

Emory University is committed to Inclusion and equity in the recruitment and retention of faculty. The university diligently supports the training of disadvantaged students and those with underserved communities. We welcome candidates who can contribute to the diversity and excellence of our academic community.

Emory University is an equal employment opportunity and affirmative action employer. Women, minorities, people with disabilities and veterans are strongly encouraged to apply.

To ensure the safety of the Emory campus community, the COVID-19 vaccine is required. For more information on the University and Hospital policies and potential exemptions, please see Emory’s [website](https://bme.gatech.edu/bme/research).

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Emory University is dedicated to providing equal opportunities and equal access to all individuals regardless of race, color, religion, ethnic or national origin, gender, genetic information, age, disability, sexual orientation, gender identity, gender expression, and veteran's status. Emory University does not discriminate in admissions, educational programs, or employment on the basis of any factor stated above or prohibited under applicable law. Students, faculty, and staff are assured of participation in University programs and in the use of facilities without such discrimination. Emory University complies with Executive Order 11246, as amended, Section 503 of the Rehabilitation Act of 1973, the Vietnam Era Veteran's Readjustment Assistance Act, and applicable executive orders, federal and state regulations regarding nondiscrimination, equal opportunity and affirmative action. Emory University is committed to achieving a diverse workforce through application of its affirmative action, equal opportunity and nondiscrimination policy in all aspects of employment including recruitment, hiring, promotions, transfers, discipline, terminations, wage and salary administration, benefits, and training. Inquiries regarding this
policy should be directed to the Emory University Department of Equity and Inclusion, 201 Dowman Drive, Administration Building, Atlanta, GA 30322.

Emory University is committed to providing reasonable accommodations to qualified individuals with disabilities upon request. To request this document in an alternate format or to request a reasonable accommodation, please contact the Department of Accessibility Services at 404-727-9877 (V) | 404-712-2049 (TDD). Please note that one week advance notice is preferred.

Direct Link https://faculty-emory.icims.com/jobs/search?ss=1&searchKeyword=42917&searchRelation=keyword_all