



### **Postdoctoral position: Cortical circuits controlling perception**

[The Haider Lab](#) in the Dept. of Biomedical Engineering (BME) at Georgia Tech & Emory University seeks a highly motivated and skilled postdoctoral fellow to explore cortical circuits supporting sensory perception.

The position offers significant training opportunities for cutting-edge research techniques *in vivo*, including neural population recording with high-density silicon electrodes, functional imaging, optogenetic circuit manipulation, and whole-cell patch-clamp recording during behavior. The PI will directly train the candidate, support research success, and provide active mentorship for career development.

The ideal candidate has completed a PhD with demonstrated expertise and productivity in cellular or systems neuroscience. This could include training in neurophysiology *in vitro* or *in vivo*, expertise in animal cognition / psychophysics, or proficiency in optical imaging of neural activity. All candidates should have experimental proficiency and quantitative skill in data acquisition and analysis (preferably with MATLAB). Excellent written and verbal communication, a focused attitude, and enthusiasm to work intently in a multi-disciplinary team are essential.

The position is funded for two years, with possibility for extension thereafter. Candidates are expected to begin applying for their own funding as part of their career development.

We are enthusiastic to form an international research group, and encourage interested applicants to pursue many excellent funding opportunities for international research from their home countries.

There is a strong multidisciplinary focus on [Neuroscience @ GT](#), and at [Emory](#). Atlanta is one of the most affordable and livable major cities of the world.

Applications should include a CV, a one-page statement of research goals, a cover letter with the expected date of availability, and names and contact information of three references. Please email these materials to [bilal.haider@bme.gatech.edu](mailto:bilal.haider@bme.gatech.edu)

[The Wallace H. Coulter Dept. of Biomedical Engineering](#) at Georgia Tech and Emory University is an equal opportunity employer committed to diversity. The Department is a unique enterprise, spanning two of the top Engineering and Medical institutes in the country. This environment offers unparalleled facilities and resources for the pursuit of understanding neural circuits and their relationship to behavior and neurological dysfunction.

Further information and recent lab publications can be found at [haider.gatech.edu](http://haider.gatech.edu)

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