

NIH BRAIN Initiative funded postdoctoral position: Tracking flow of attention in visual circuits across the brain

[The Haider Lab](#) in the Dept. of Biomedical Engineering (BME) at Georgia Tech & Emory University seeks highly motivated and skilled postdoctoral fellows for a 3–5 year [NIH BRAIN funded project](#) examining the flow of visual attention signals across the brain.

The project offers significant opportunity to learn cutting-edge research techniques *in vivo*, including 1) neural population recording with high-density Neuropixels probes, 2) optogenetic circuit manipulation, 3) wide-field calcium imaging and 4) quantitative visual attention behavior.

Recent lab publications can be found here: <http://haider.gatech.edu/publications/>

The ideal candidate has expertise in multi-electrode electrophysiology OR patch clamp recording OR functional fluorescence imaging, along with quantitative skill in data acquisition and analysis (preferably with MATLAB). Candidates should have an inquisitive and collaborative mindset, excellent written and verbal communication skills, and enthusiasm to work in a multi-disciplinary team.

The position is funded for 3 years (up to 5 years total), pending satisfactory performance upon annual review. We are enthusiastic about forming a diverse, international research group. All candidates will be mentored for independent career development.

There is a strong, multidisciplinary concentration of labs focusing on [Neuroscience @ GT](#) and at [Emory](#). Atlanta is vibrant, green, sunny year-round, and one of the most affordable and livable major cities of the US.

Applications should include a CV, a brief statement of prior research and future goals, expected date of availability, and names and contact information of three references. Please email these materials to 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, and was recently named [the #1 Biomedical Engineering program in the USA](#). 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

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