Post-Doctoral Position in Translational Neuroimaging

Applications are invited for a post-doctoral position in Keilholz Mind Lab in joint Emory University/Georgia Tech Biomedical Engineering. The neurophysiological basis of resting state fMRI signal is not well understood. We are doing several pre-clinical experiments on rodents with MRI, optical imaging, and EEG. The primary role of the postdoctoral associate will be to help design and execute pre-clinical experiments in service of a multi-modal NIH funded study examining the relationship between brain rhythms and fMRI signal. Our lab has done pioneering research in the field of fMRI and the successful candidate will get the opportunity to continue this tradition. We have excellent imaging facilities with state-of-the-art 9.4 T pre-clinical animal MRI scanner, and a soon-to-arrive 11.7 T MRI scanner.

Our lab website: https://sites.google.com/view/keilholz-lab/home

Key Qualifications

The successful candidate will be a highly motivated researcher with a desire to begin an independent career in translational imaging.

- A Ph.D. degree in MR Physics, Biomedical Engineering, Neuroscience, or a related field; however, strong candidates with other scientific backgrounds will also be considered.
- Hands-on experience in pre-clinical MRI and/or optical imaging and EEG
- A strong background in Matlab and image processing software

Compensation: Salary and benefits are consistent with NIH guidelines. The duration of postdoctoral associate appointment is for two years and can be extended based on performance and availability of funds.

How to Apply: Interested applicants should contact Dr. Shella Keilholz (shella.keilholz@emory.edu) and/or Dr. Kaundinya Gopinath (kgopina@emory.edu) and submit: (1) a curriculum vitae (CV), (2) a bibliography, (3) a cover letter with a brief description of their research interests and experiences, and (4) a list of at least three references, which includes their mailing addresses, telephone numbers, and e-mail addresses.