Postdoctoral Associate Position: Preclinical fMRI and multi-modal imaging applications

Yale University School of Medicine

The Department of Radiology and Biomedical Imaging, Yale University School of Medicine, has a Postdoctoral Associate Position Open in preclinical MRI related to the development and application of multi-modal fMRI and simultaneous optical imaging techniques. The ideal candidate will have a Ph.D. in physics or neuroscience with experience in preclinical functional MRI data acquisition and analysis. Candidates with additional experience in in vivo optical imaging methods, behavioral training, and preclinical models of neurological injury/disease are strongly encouraged to apply. The position is aimed at an individual interested in experiments using a novel dual imaging methodology, developed by our group, which combines meso-scale whole-cortex fluorescence Ca²⁺ imaging with simultaneous whole-brain functional MRI. Our goal is to further develop this technology to include simultaneous optogenetic stimulation and continuous arterial spin labeling, as well as apply these methods in models of injury/disease. The appointment will be made for a period of 2 years, starting immediately, with the possibility of an extension dependent upon performance and funding.

Yale is an Equal Opportunity/ Affirmative Action Employer. Applications from women and members of minority groups are encouraged.

To apply please forward your CV, a statement of you research interests, and the names/addresses of 3 references via email to: todd.constable@yale.edu & evelyn.lake@yale.edu