Postdoctoral Position in Imaging Neurofluids

We have an opening for a postdoctoral associate or research scientist to lead multimodal neuroimaging studies of brain function in Laura Lewis' lab at Boston University (http://www.lewisneurolab.org), in collaboration with the Martinos Center at Massachusetts General Hospital. This position offers the opportunity to develop multimodal neuroimaging approaches using state-of-the-art MR techniques, and study the neural control circuits for brain fluid flow. We use fast fMRI, simultaneous EEG-fMRI, computational modeling, ultra-high field (7 Tesla) imaging, and other multimodal approaches to measure and analyze brain function across diverse states. We have a large-scale multi-institutional collaboration to image and understand cerebrospinal fluid (CSF) physiology in the human brain, funded by the NIH Brain Initiative. This project will involve working with leading investigators to develop new approaches to image CSF flow in humans, and understand its dynamics across sleep and wakefulness.

The lab is a fast-paced and interdisciplinary environment that supports its members in achieving their long-term research and career goals, and has strong collaborations throughout the Boston-area computational neuroscience and neuroimaging communities. The position may involve neuroimaging studies at both Boston University and at the Athinoula A. Martinos Center for Biomedical Imaging at Massachusetts General Hospital.

For more information, see http://www.lewisneurolab.org/positions. Applicants should have or expect to receive a Ph.D. in neuroscience, engineering, computer science, or related fields. The start date is flexible. To apply, please email C.V., a statement describing research experience and future interests and goals, and names of three references to Laura Lewis, ldlewis@bu.edu

BU is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law.