Postdoctoral position in multimodal imaging of brain dynamics

We have an opening for a postdoctoral associate to lead multimodal neuroimaging studies of brain function in Laura Lewis' lab at Boston University (http://www.lewisneurolab.org), aiming to advance systems neuroscience of the human brain. This position offers the opportunity to develop multimodal neuroimaging approaches using state-of-the-art MR techniques, and study the neural basis and cognitive consequences of sleep and attentional states. 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. Areas of focus include sleep and sleep deprivation, neuromodulation of arousal and mood states, neurovascular coupling and cerebrospinal fluid physiology, fast fMRI studies of brain dynamics, and high-resolution studies of human thalamus. 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. 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

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