



Postdoctoral Research Scholar Opportunity

Available: Postdoctoral Research Scholar using functional neuroimaging and translational behavioral tasks in the assessment of anxiety and trauma and the prediction of treatment response.

Position: A new research lab at the Laureate Institute for Brain Research (LIBR) is aimed at using neuroimaging and behavioral assessment to inform and advance the treatment of anxiety and trauma-related disorders. We are looking for an innovative postdoctoral candidate with a strong computational background who will play a critical role in the application of advanced functional neuroimaging methods including simultaneous fMRI & EEG, functional connectivity, volumetric MRI, real-time fMRI with neurofeedback, and psychophysiology.

The position offers excellent training opportunities in a dynamic, interactive, and multidisciplinary environment. Mentorship will be provided by Dr. Robin Aupperle, as well as a diverse team of researchers.

Institute: Located in Tulsa, Oklahoma (USA), LIBR is a privately funded non-profit clinical neuroscience research institute with the mission of reducing the suffering of psychiatric patients by leveraging leading talent and technology to discover novel therapies.

The institute is attached to a major psychiatric hospital (Laureate Psychiatric Clinic & Hospital) and the candidate should be prepared to test and interact with a number of different clinical populations including but not limited to patients with anxiety, depression, addiction, and anorexia.

Facilities: The institute houses a state-of-the-art neuroimaging environment devoted only to research. The equipment consists of two 3-Tesla MRI scanners (GE Discovery MR750) equipped with a custom-developed real-time fMRI system, a wide selection of receive-only coil arrays for imaging the human brain and spinal cord, as well as the latest high-density 128-channel Brain Products MRI-compatible EEG system.

Qualifications/Requirements:

Ph.D. in psychology, neuroscience, or other related field, or an M.D. is required. Applicants would preferably have a solid foundation in EEG and/or fMRI data analysis, statistics, computer programming, UNIX/Linux environments, Matlab, and stimulus presentation software.

Salary/Benefits: This is a full-time research position with up to 3 years of funding. A full benefits package is available.

How to apply: Interested candidates should email a CV, a brief statement of long-term career goals, and contact information for 3 references to raupperle@laureateinstitute.org.



LIBR

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