Post doc in Neuroimaging

**Position:** The Auburn University MRI Research Center (AUMRIRC) invites applications for a post doc position in functional magnetic resonance imaging (fMRI) and electroencephalography (EEG). AUMRIRC has a Siemens state-of-the-art open-bore 3T human scanner and a 7T actively-shielded, whole-body scanner with 8 parallel transmit channels, 128 receive channels, and multinuclear capability. The candidate selected for this position will have the opportunity to assist in the development of a new brain imaging program.

**Responsibilities:** The successful candidate is expected to contribute to the growth of the brain imaging program at AUMRIRC through the following:

1. Assist in fMRI, EEG and EEG/fMRI stimulus presentation and data acquisition
2. Analyze data using one of the standard software packages such as SPM, AFNI etc
3. Contribute towards new avenues for research at the center. Examples include EEG/fMRI, real time fMRI, hyper-scanning and novel data analysis methodologies
4. Assist in the preparation of grants for obtaining extramural funding

**Qualifications:** A Ph.D. or equivalent in electrical engineering, biomedical engineering, physics, neuroscience, psychology or a closely related field is required. Experience with MR imaging and fMRI for 3T systems and higher is desired. Preference will be given to candidates with experience in simultaneous EEG/fMRI acquisition and analysis. The candidate selected for this position must be able to meet eligibility requirements to work in the United States at the time appointment is scheduled to begin and continue working legally for the proposed term of employment; excellent communication skills required.

**Application:** The position is available beginning as soon as possible. The search will continue until a suitable candidate is selected. Applications should include a cover letter, current resume, a detailed description of prior research experience, and names of three references with phone numbers and email addresses. Compensation will be commensurate with experience and in accordance with NIH guidelines. For further information, please contact Dr.Deshpande (email: gopi@auburn.edu)

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