UNIVERSITY OF MARYLAND

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COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES
Neuroscience and Cognitive Science Program

MNC Research Associate

Description of Position:

The Neuroscience and Cognitive Sciences Program (NACS) at the University of Maryland College Park is seeking a non-tenured Research Associate for the Maryland Neuroimaging Center. The Research Associate is expected to assist in behavioral and neuroimaging (functional MRI, EEG, MEG, and simultaneous fMRI/EEG) studies of the Maryland Neuroimaging Center at the University of Maryland, College Park.

The university is establishing a fully-equipped brain imaging center around a new Siemens 3T Trio MRI system. The imaging center will include MEG, and high density EEG facilities. Salary and benefits are competitive. Start date is early 2013.   For best consideration, please electronically submit a resume, description of experience, and reference information by January 10, 2013 to jcgorski@umd.edu with "MNC Research Associate" as the subject line or apply at https://jobs.umd.edu/applicants/jsp/shared/position/JobDetails_css.jsp?postingId=185660.

The Maryland Neuroimaging Center (MNC) is the home for neuroimaging research at the University of Maryland. The center brings together an array of state-of-the-art tools for observing the human brain in action. Housed in a spacious new facility in the Gudelsky Building, adjacent to the main College Park campus, the center has been designed to foster collaboration among neuroscientists, psychologists, cognitive scientists, engineers, and physicists. A special focus of the center is on understanding mechanisms of brain development and neural plasticity in typical and atypical populations, and in understanding the neural mechanisms underlying expert abilities that serve critical national priorities. The MNC is an initiative of the University's interdepartmental Neuroscience and Cognitive Science (NACS) Program, www.nacs.umd.edu, and is available to researchers from the University of Maryland and other regional centers.

The primary duties and responsibilities of the job include: Development and programming of behavioral and neuroimaging; Perform data collection and statistical analysis of behavioral and neuroimaging data; and Refinement and development of statistical and computational data analysis techniques for neuroimaging. Additional special projects as assigned.

Qualifications:

Requires a Master's degree in Biomedical Engineering, Biostatistics, Computational Neuroscience, or relevant scientific field. Knowledge of signal/image processing, spectral analysis, graph-theory analysis, and statistics is highly desirable. Working knowledge of neuroimaging data analysis software such as AFNI, FreeSurfer, SPM or EEGLAB is preferred. Minimum commitment of 1 year is preferred. Salary will be commensurate with prior experience. No licenses or certifications are necessary.

The University of Maryland is an equal opportunity/affirmative action employer. Women and minorities are encouraged to apply.