

Neuroimaging Research Analyst II Job Announcement *Vanderbilt Memory & Alzheimer's Center*

Job Description

The laboratory of Dr. Angela Jefferson at the Vanderbilt Memory & Alzheimer's Center is accepting applications for a **Neuroimaging Research Analyst II** position to commence in **fall of 2013**. The analyst will contribute to neuroimaging data acquisition and post-processing for several NIH-funded clinical research studies focused on mild cognitive impairment, Alzheimer's disease, and related disorders. A specific focus of the research program is identifying risk factors for abnormal cognitive aging and developing innovative neuroimaging tools for early detection of mild cognitive impairment and Alzheimer's disease. The position provides an excellent opportunity to work with an interdisciplinary team of experts in neuropsychology, cardiology, radiology, and biostatistics and gain clinical research experience in cognitive aging.

Responsibilities

Neuroimaging data post-processing activities

- Complete advanced MRI analysis of multimodal neuroimaging data (e.g., structural, DTI, ASL, and fMRI data) in older adults
- Generate statistical comparisons between clinical data and MRI outcomes in collaboration with investigative team and trainees

Perform administrative activities

- Perform online database management
- Assist with manuscript, scientific abstract, and professional presentation development (with the opportunity to participate as a co-author)
- Prepare charts, graphs, and tables according to accepted research practices
- Perform preliminary analysis

Provide appropriate documentation for research

- Update manual and automated database files and maintain records

Position Requirements

Position requires 2 years of field experience or an equivalent Master's degree. Programming skills in Matlab, Python, Unix/Linux and scientific computing as well as experience with FSL and FreeSurfer are required. Additional skills include an ability to work independently and as part of a multidisciplinary team with excellent professionalism and communication skills.

Application Instructions

To apply, please email your resume (or CV) and a cover letter detailing your interest in the position to:

Emily Sumner, MS
Jefferson Laboratory Manager
Email: emily.c.sumner@Vanderbilt.edu

Please visit us online for more information about Dr. Jefferson's laboratory (www.vanderbiltcognitiveaging.com) and the Vanderbilt Memory & Alzheimer's Center (www.vanderbiltalzheimers.com).