

Postdoctoral Fellowship in Neuroimaging

Department of Psychiatry & Behavioral Sciences, Vanderbilt University School of Medicine

www.woodwardlab.com

The Woodward lab is excited to announce a newly available Postdoctoral Fellowship in Neuroimaging. Supported by a combination of federal funding and an endowment, the Fellow will work on studies examining brain dysconnectivity and cognitive impairment in psychotic disorders. The Fellow will also have opportunities to pursue additional scientific research interests through access to large-scale datasets, including a repository of clinical, cognitive, neuroimaging, and genetic data collected on healthy subjects and individuals with a psychotic disorder; and several publically-available datasets (e.g. Human Connectome Project, Autism Brain Imaging Data Exchange, etc.).

We are seeking a highly motivated recent Ph.D. graduate with research experience in cognitive neuroscience, psychotic disorders, and/or neurodevelopment. The ideal candidate will have significant training and experience in neuroimaging, and a strong publication record. Preference will be given to individuals pursuing an academic career who have a strong desire to lead independent projects and publish as a first author.

The Woodward lab is housed within the [Psychiatric Neuroimaging Program \(PNP\)](#) in the Department of Psychiatry and Behavioral Sciences and is a member lab of the [Center for Cognitive Medicine \(CCM\)](#). The PNP and CCM are dynamic and collaborative programs investigating the neural basis of psychiatric and cognitive disorders. The Vanderbilt University Medical Center is a national leader in research and provides world-class neuroimaging facilities. Nashville is ranked as one of the best cities to work and live.

This is a full-time, 2 year position with advancement to the second year dependent upon satisfactory progress during the first year. The appointment may be extended beyond 2 years contingent on funding and satisfactory performance based on annual reviews. Salary is based on the NIH pay scale. We will continue to review applications on a rolling basis until the position is filled.

Qualifications:

- Graduate degree (Ph.D.) in clinical psychology, cognitive psychology, neuroscience, biomedical engineering, or a related discipline;
- Expertise in neuroimaging analysis, including functional MRI and/or diffusion tensor imaging, and statistics as demonstrated by graduate-level coursework and publication record;
- Experience with neuroimaging software packages (e.g. SPM, FSL);
- While not required, familiarity with MATLAB, UNIX, Python and the neuroimaging informatics platform XNAT is advantageous.

Salary and Benefits: Salary will be commensurate with NIH postdoctoral stipends (see <https://grants.nih.gov/grants/guide/notice-files/NOT-OD-16-131.html>). Fellows are also eligible for benefits provided to regular employees of Vanderbilt University Medical Center, including health insurance. Interested candidates must be eligible to work in the United States.

Applying: Interested candidates should send a cover letter (250 words or less) describing their research interests, CV, and the names of three references to Neil Woodward (neil.woodward@vanderbilt.edu).