

**Research Specialist at the University of Pittsburgh School of Medicine, Clinical
Neurophysiology Research Laboratory**

We seek a Research Specialist to join the laboratory. The main research goal of the CNRL is to further understand the progressive pathology of emerging psychosis and to develop novel biomarkers and interventions. We utilize multimodal imaging including electroencephalography (EEG), magnetoencephalography (MEG), structural MRI, MR diffusion imaging, fMRI, and MR pseudo-continuous arterial spin labeling measures of blood perfusion. Brain activity measures span simple sensory and perceptual processes to complex higher-order cognition. We have several on-going funded projects looking at sensory processing, attention effects on sensory signals, clinical and social effects of poor sensation and executive modulation, structural and functional connectomics of auditory hallucinations, non-invasive brain stimulation to improve perceptual and cognition, computational modeling to transform EEG and MEG signals to circuit and synaptic events, and biological measures of recovery in the first year of psychosis.

We seek an exceptional individual with a year or two semesters minimum research experience, preferably in EEG, MEG, or MRI. A strong interest in clinical research or psychosis is required, as are strong inter-personal skills for interacting with psychiatrically-ill and well participants. We prefer a recent graduate who plans to go to graduate or medical school and seeks a 2 year (or longer) post-baccalaureate position. Funding is in place. Start date is flexible. If interested, please contact Prof. Salisbury or Prof. Coffman via e-mail (attach your resume and GPA): salisburyd@upmc.edu or CoffmanB@upmc.edu