**Position Announcement**

**Postdoctoral Associate**

**Occupational Summary**

The HIV and Addictions Research Program (HARP), directed by Dr. Christina Meade, is seeking a full-time postdoctoral fellow with a strong background in cognitive neuroscience and MRI data analysis. Our team seeks to understand how drug addiction and HIV infection together impact the brain, and in turn affect neurocognitive functioning. With a recently funded R01 to conduct multi-modal data fusion analyses on an existing MRI dataset (resting state fMRI, diffusion tensor imaging, and high-resolution structural scanning), we are seeking a postdoctoral fellow to make significant contributions to data analysis and manuscript writing. The postdoctoral fellow will also be responsible for assisting with data collection and management of two ongoing clinical studies that include multi-modal MRI. This position is ideal for individuals interested in pursuing an independent research career in an academic setting, and the fellow will be supported in the pursuit of independent funding (e.g., NRSA fellowship, K Award).

**Work Performed**

Responsibilities will include: processing and analysis of multi-modal MRI data; MRI data management for studies in active data collection; manuscript writing; and some administrative tasks, such as assistant preparing NIH progress reports. The position entails planning, executing, and troubleshooting analyses with minimal supervision on a daily basis. The opportunity for first-author manuscripts exists, and publication will be encouraged.

**Education & Experience**

Doctoral degree with training in neuroimaging (data acquisition, management, and analysis) is required. Interest in HIV and/or drug addiction is ideal. Experience with patient-oriented research is preferred.

**Key Skills**

Successful applicants must be motivated, reliable, and mature, able to multi-task and learn new tasks quickly, and have strong interpersonal, organizational, and communication skills (both verbal and written). The fellow is expected to conduct MRI data processing and analyses independently, including the programming and implementation of automated scripts. Strong programming skills are required. Experience with MRI experimental design and data acquisition is desirable. Ideal software knowledge includes FSL, MATLAB, linus, and statistical packages such as SPSS. The fellow is expected to work both independently and as part of our active research team.

The proposed start date is spring or summer 2019. Review of applications will begin immediately and will continue until the position is filled. The initial appointment will be for 1 year, with additional funding conditional upon satisfactory performance. Salary is commensurate with NIH guidelines and applicant experience.

To apply, please send a CV, statement of interest, relevant manuscripts, and names of three references to [christina.meade@duke.edu](mailto:christina.meade@duke.edu).