March 28, 2023

Post-doctoral position in clinical neuroscience at the Centre for Addiction and Mental Health/University of Toronto
Brain, Body and Perception Laboratory

A post-doctoral scientist position is available to study the neural phenotypes associated with visual perception, body processing, emotion, and reward.

Description: Our lab uses novel digital 3D tools to assess body perception and multiple neuroimaging modalities (fMRI, EEG, diffusion MRI, and structural MRI) to understand phenotypes across disorders of body image including eating disorders and body dysmorphic disorder, as well as in gender dysphoria. We employ computational techniques for modeling behavioral, physiological, and neural responses, as well as machine learning using multimodal imaging and non-imaging data.

The Centre for Addiction and Mental Health and the University of Toronto have a wealth of neuroimaging and clinical resources, as well as support for career development. You will be joining a productive and collaborative group that utilizes advanced neuroimaging techniques and creative software and hardware development, yet is also grounded in a strong clinical understanding of the phenomenology of psychiatric and other populations. There are many career development opportunities, as well as mentoring and guidance in grant writing.

Requirements: Ph.D. or M.D./Ph.D. in neuroscience, cognitive science, computer science, engineering, biostatistics, physics, psychology, or related field. We are looking for candidates with experience in analyzing fMRI data – including statistical analysis software such as FSL, AFNI, SPM, or others. The successful applicant will be able to function independently, work on more than one project at a time in a team setting, and lead and mentor students and research assistants. The successful applicant will also have excellent computing and programming skills (Matlab, Python, R, bash scripting), verbal and written English skills, and an aptitude for writing manuscripts. Some grant writing experience is desired.

To apply: please send a brief email stating your interest, your CV, and a research statement (1-2 pages) that describes your past research experience and future goals to Dr. Jamie Feusner: jamie.feusner@utoronto.ca.