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**Postdoctoral Fellow & Graduate Student Position(s)  
in PET Neuroimaging**

The Brain Health Imaging Centre at the Centre for Addiction and Mental Health (CAMH), and the Department of Psychiatry and Pharmacology and Toxicology at the University of Toronto are currently recruiting a postdoctoral fellow and graduate students (one Master's and one Ph.D.) to join the Zheng research group, to work on the PET neuroimaging. The Zheng research group focuses on the development and application of innovative radiopharmaceuticals for the diagnosis and assessment of treatment in neuropsychiatric and neurodegenerative disorders. Dr. Chao Zheng's research program has specific objectives: 1) Discovery of cutting-edge radiopharmaceuticals for brain imaging applications; 2) Developing and applying novel PET imaging methods that directly capture biochemical or phenotypic changes *in vivo*. This involves integrating disciplines such as medicinal chemistry, radiochemistry, quantitative PET imaging from *in vitro* and preclinical *in vivo* studies, and pharmacology. This excellent research opportunity will provide extensive training in radiochemistry and PET neuroimaging in a preclinical and clinical research environment. These highly translational projects are funded by the Canadian Institutes of Health Research (CIHR).

**Qualifications:**

Postdoctoral fellow: The candidate for this position is expected to be a highly self-motivated, recent PhD or MD/PhD graduate with a strong background in organic chemistry and medicinal chemistry, or radiochemistry. Training in pharmacology and *in vivo* PET neuroimaging is an asset. Additionally, the candidate is expected to have good written and oral communication skills and an independent ability to design and execute experiments.

Candidates with additional experience in the following skills and areas will be preferred but not required: molecular imaging, neuroscience, genetic animal models.

**Contact:**

To apply for these positions, please send your CV, the contact information of three referees, and cover letter describing your research interests and future plans to Dr. Chao Zheng at [ch.zheng@utoronto.ca](mailto:ch.zheng@utoronto.ca) or [chao.zheng@camh.ca](mailto:chao.zheng@camh.ca).