



Trainee Positions in Hybrid PET/MRI

We are seeking a graduate student and a Postdoctorate Fellow to join a multidisciplinary research team investigating the relationship between cerebrovascular disease and brain energy metabolism. This research is a collaboration between researchers at the Lawson Health Research Institute, Western University and the University of Pennsylvania. The Lawson imaging facility includes a 3 T PET/MRI scanner, a cyclotron capable of generating ^{15}O tracers, and a MR-compatible PET insert for high-resolution imaging. A major focus of the research will be to use this unique infrastructure to explore quantitative BOLD as an MRI alternative to PET for imaging oxygen metabolism in patient populations.

Graduate training will be through the Department of Medical Biophysics at Western (<https://www.schulich.uwo.ca/biophysics/index.html>). Applicants interested in the Postdoctorate Fellow position should hold a PhD in a field related to medical imaging or biomedical engineering. The project will involve image processing (MRI and PET) and programming (e.g., Matlab). The position is available immediately with up to five years of funding. Salary will be in line with Canadian Tri-Council stipend levels.

Interested applicants should contact:

Dr. Keith St Lawrence
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Applicants should have fluent written and oral communication skills in English. All qualified applicants are encouraged to apply. The University of Western Ontario is committed to employment equity and welcomes applications from all qualified women and men, including visible minorities, aboriginal people and persons with disabilities.