Postdoctoral Position in Hybrid PET/MRI

We are seeking a postdoctoral fellow to join a multidisciplinary research team investigating the relationship between cerebrovascular disease and energy metabolism in the brain. The successful candidate will have the opportunity to collaborate with researchers at the Lawson Health Research Institute, Western University and the University of Pennsylvania. The Lawson imaging facility includes a 3 T Siemens Biograph mMR, 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 alternative MRI-based methods of imaging oxygen extraction, such as qBOLD, in patient populations.

Applicant should hold a PhD in a field related to medical imaging or biomedical engineering. The project will involve image processing (MRI or 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:

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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.