



**Post-Doctoral Scholar Position in Canada**  
**Gait and Brain Lab**  
**Available Immediately**  
**Contact [info@gaitandbrain.com](mailto:info@gaitandbrain.com) for details**

A two year post-doctoral scholar position is available immediately under the supervision of Dr. Manuel Montero-Odasso at the Gait and Brain Lab, Parkwood Institute and School of Medicine & Dentistry, Western University. This collegial and dynamic environment is an epi-centre for cross-disciplinary research collaboration that explores the links between gait, cognition, mobility decline, falls and dementia using cognitive and mobility analyses and advanced image processing, visualization and quantification techniques.

The successful candidate will play a key role in the testing of older adults with cognitive disorders (e.g. MCI, Alzheimer Disease) and assessing their imaging results. A background in cognitive neuroscience, biophysics, imaging and patient testing is necessary. The post-holder will enjoy working as a part of an interdisciplinary team, be able to mentor trainees in our lab, and work closely with our imaging leader Dr. Rob Bartha at Robarts Research Institute. For further details, please visit [www.gaitandbrain.com](http://www.gaitandbrain.com)

The successful candidate will possess:

- A Ph.D. degree in medical biophysics, medicine or neuroscience with a strong background in advanced image processing techniques focused on diffusion tensor imaging methods
- MDs with PhD in Imaging & Medical Biophysics with eligibility to be licensed in Canada preferred
- Previous research experience within a team environment;
- Previous experience working and analyzing large multi-site datasets;
- A strong understanding of clinical research design, research methodology and data analysis;
- Advanced statistical training and knowledge of statistical software packages;
- Evidence of experience in preparation and publication of manuscripts;
- Excellent oral communication and technical writing skills;
- Excellent computer skills (Microsoft Office, EndNote, SPSS, Brain Voyager, MatLab);
- Ability to take guided initiative and to work in an organized fashion within a fast-paced research environment, including flexibility in shifting between independent and collaborative work;
- Demonstrated collegiality, professionalism and interpersonal skills.

Rate of Pay: Commensurate with experience, in the region of \$48k CAD / year

Applications will be reviewed as received until the position is filled. Please send a letter of application including a one-page description of research experience and interests, an updated curriculum vitae, and names & contact information of three referees to: [info@gaitandbrain.com](mailto:info@gaitandbrain.com)