

Postdoctoral Associate - Faculty of Health Sciences, University of Western Ontario, Canada

About Western University and St. Joseph's Gray Centre for Mobility and Activity. Western ranks as one of Canada's top research-intensive universities. From fundamental to applied discovery and other scholarly activities, its scholar's advance knowledge that provides tangible benefits for the economic, social, health and cultural development of citizens in London, in Canada and around the world.

St. Joseph's Health Care London is one of Ontario's leading teaching hospitals, contributing to the advancement of health care, education and research. The Gray Centre for Mobility and Activity is a clinical research program within St. Joseph's. The mission of the Gray Centre is to improve mobility and activity for individuals living with complex movement challenges through the intentional integration of clinically driven research with education, training, and care.

About the Role A postdoctoral position is available within the Gray Centre for Mobility and Activity of St. Joseph's Health Care London. Under the supervision of Dr. Siobhan Schabrun, and in collaboration with several physicians and therapists, the successful candidate will lead a project that: 1) tracks the longitudinal mobility outcomes of multiple patient groups (e.g., stroke; SCI; amputee; geriatrics; cerebral palsy; etc); 2) design and test interventions that improve mobility outcomes or enhance our understanding of mobility dysfunction within these patient groups. The successful candidate will have access to advanced technologies to execute their project, including: rTMS, FES, DXA, EEG, fNIRs, IMUs, gait mats, ultrasound, peripheral nerve stimulators. Prior experience using one or more of these tools as well as programming (e.g., python, Matlab) would be advantageous but is not necessary. Applicants must have a Ph.D. in a relevant field (e.g. Physical Therapy, Neuroscience, Psychology, Kinesiology, Biomedical Science). The position is available immediately and is for a duration of 2 years with a possibility of an extension. Recruitment will continue until the position is filled.

The successful candidate will have strong oral and written communication, interpersonal, and organizational skills. Beyond the primary project, the candidate will be involved in multiple research activities related to understanding, and treating mobility dysfunction. Working with a project team, the candidate will be involved in all aspects of research including project management, liaising with collaborators and community partners, supervising and mentoring research assistants, data collection and analysis, and manuscript preparation. This position is full-time on-site at Parkwood Institute, London, ON. The salary will be commensurate with experience. More information about benefits for postdoctoral associates at Western University is available at: https://www.uwo.ca/hr/benefits/your_benefits/pda/index.html.

Interested individuals should e-mail a statement of interest to Dr. Schabrun. Please also include:

- Your current C.V.
- A statement of academic interests and career goals
- A sample of scholarly writing
- The names of two referees who are familiar with your academic work and can be contacted.

Dr. Siobhan Schabrun, Email: sschabru@uwo.ca

Western Values Diversity The University invites applications from all qualified individuals. Western is committed to employment equity and diversity in the workplace and welcomes applications from women, members of racialized groups/visible minorities, Indigenous persons, persons with disabilities, persons of any sexual orientation, and persons of any gender identity or gender expression. Accommodations are available for applicants with disabilities throughout the recruitment process.