

## Research Assistant / Lab Manager

A research assistant / lab manager is required for a biomechanics lab associated with McGill University in Montreal, Québec. The work location will be the Lethbridge-Layton-MacKay Rehabilitation Centre (LLMRC) to support research focused primarily on the biomechanical, neuromuscular and clinical aspects of osteoarthritis and sports biomechanics, under the direction of Dr. Shawn Robbins. The position is part-time (2 days per week) at approximately 16 hours/week. A successful applicant will support all technical aspects of lab activities, including equipment set-up, data acquisition and analysis. Additional duties include subject recruitment, assisting in the preparation of grant applications and journal papers, assisting graduate students with data acquisition and experimental design, managing day-to-day operations of the laboratory, etc.

Operations at the LLMRC are conducted in both English and French, and a working knowledge of both languages is necessary.

Applicants should hold a graduate degree (MSc, PhD) in kinesiology, physical therapy, occupational therapy, biomedical engineering or other related discipline, and be legally entitled to work in Canada. Applicants that are enrolled in a MSc, but will finish within 1 year are also welcome to apply. Applicants must have at least 1 year of research experience. In addition, applicants should have experience in many of the following areas:

- Kinematic motion analysis and modeling
- Kinetic/force plate data acquisition
- Surface electromyography
- Research methodology
- Matlab programming (or similar programming experience)
- Statistical analysis (e.g. SPSS)

The successful applicant will support research in a laboratory at the LLMRC which is equipped with:

- 8 camera Qualisys motion capture system- video
- 8 camera Qualisys motion capture system- marker
- 16-channel Delsys Trigno wireless surface EMG system with integrated tri-axial accelerometers
- 2 AMTI force plates

- Cybex Norm Isokinetic Dynamometer

The position is for a 1 year contract (16 hours/week) beginning in January 2024. Salary will be commensurate with qualifications and experience.

Please apply at:

1. Internal: [https://wd3.myworkday.com/mcgill/d/inst/1\\$9925/9925\\$78663.html](https://wd3.myworkday.com/mcgill/d/inst/1$9925/9925$78663.html)
2. External: [https://mcgill.wd3.myworkdayjobs.com/en-US/McGill\\_Careers/job/Various/Research-Assistant-1\\_JR0000049890](https://mcgill.wd3.myworkdayjobs.com/en-US/McGill_Careers/job/Various/Research-Assistant-1_JR0000049890)

If you have any questions, please contact:

Shawn Robbins

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