

## Master of Science (MSc) Position in Sport Biomechanics – University of Calgary

### Area: Sport Biomechanics

The research group of Dr. Bill Wannop, within the Human Performance Laboratory in the Faculty of Kinesiology at the University of Calgary is accepting applications for a graduate student in the thesis-based Master of Science program. This opportunity is ideal for students passionate about sport biomechanics research with a focus in the footwear/sporting goods industry.

### Research Description:

The primary role of the successful candidate will be the exploration of aspects related to sport surface/footwear requirements of female, male and youth athletes. The project will involve wearable sensors as well as conventional motion capture systems.

### Qualifications:

- Bachelor's degree in Kinesiology, Engineering, Biomechanics, Computer Science or a related field
- Strong communication skills – both written and oral
- High level of effective organizational, time and personal initiative skills, teamwork, accuracy, and strong attention to detail
- Previous experience in biomechanics, human movement, wearable technology is an asset.
- Expertise with Matlab, Python or similar programming language is an asset.

### Application details:

Interested candidates are encouraged to submit a curriculum vitae, a 1-page research interest statement, transcripts and three references by email to: [b.wannop@ucalgary.ca](mailto:b.wannop@ucalgary.ca)

For more information on Dr. Bill Wannop and the Human Performance Lab at the University of Calgary, visit the following links:

[https://www.ucalgary.ca/knes\\_info/profiles/196-9765](https://www.ucalgary.ca/knes_info/profiles/196-9765)

<https://sportinsight.ca/>

<https://kinesiology.ucalgary.ca/research/labs-and-centres/human-performance-lab>

<https://kinesiology.ucalgary.ca/>

### About the University of Calgary

The University of Calgary is a leading Canadian university located in the nation's most enterprising city where innovative teaching and ground-breaking research go hand in hand, and where we fully engage the communities, we both serve and lead.

To succeed as one of Canada's top universities, where new ideas are created, tested, and applied through first-class teaching and research, the University of Calgary needs more of the best minds in our classrooms and labs.

**About Calgary**

Named a cultural capital of Canada and one of the best places to live in the world, Calgary is a city of leaders – in business, community, philanthropy and volunteerism. Calgarians benefit from the strongest economy in the nation and enjoy more days of sunshine per year than any other major Canadian city. Calgary is less than an hour's drive from the majestic Rocky Mountains and boasts the most extensive urban pathway and bikeway network in North America.