

Recruitment Email

Hello,

My name is Kristen De Melo, and I am recruiting right-handed participants for a research study I am conducting as part of my PhD thesis requirements which is funded by an NSERC Discovery Grant. This study has been designed to explore how humans perceive visual cues for the control of their balance during different body postures.

WHO: We are looking for young adults (aged 18-35 years)

WHERE: University of Guelph, Gait Biomechanics Lab
Animal Nutrition building (ANNU 273)

WHAT: We will ask you to first meet with us over a video call or by phone to discuss our protocol in more detail. This meeting will provide details regarding our informed consent process and will also include general health screening questions (~15 minutes). Following this meeting, we will ask you to attend one testing session of 90 minutes in length.

This project will require you to:

- Bring your own shorts and comfortable shoes to the testing session.
 - In colder months, please feel free to bring along your shorts and shoes and baseball cap from home; you will have access to the bathroom for changing out of winter clothing and boots.
- Have electromyography (EMG) electrodes adhered to the skin above the muscles on your thighs and lower legs. This will allow us to track your muscle electrical activity throughout the protocol.
- Have reflective markers placed on your head, trunk, pelvis, and arms. This will allow us to track your movements (only the markers will be visible to our cameras).
- Perform maximal voluntary contractions for the muscles of interest in your legs.
- Experience a virtual environment in different positions, including sitting on a stool and standing in place.

There is no financial compensation available however, any costs related to parking will be reimbursed, if applicable.

Identified information obtained in this study will be kept confidential at all times.

This project has been reviewed by the Research Ethics Board for compliance with federal guidelines for research involving human participants ([REB# 23-01-002](#)).

If you are interested in participating, please contact Kristen De Melo for more information (email: demelok@uoguelph.ca).

