REB#: 23-12-015

Participants Needed:
VESTIBULAR INFLUENCE ON BALANCE REACTIONS

We invite individuals aged 18-30 years of age to participate in a study of the role of vestibular sensory information on grasping balance reactions.

Participants will recover balance while vestibular input is altered by safe & non-invasive galvanic vestibular stimulation. The study is one session taking less than 2 hours. Participants must be:

- 18-30 years old & right-arm dominant
- No limitations with movement, sensation, or routine mental tasks
- Do not have a skin sensitivity/allergy to skin adhesives
- Do not require glasses for far vision or able to wear contacts/glasses during testing
- Not on medication for mood, anxiety, or affecting alertness
- Do not get migraines, cluster headaches, motion sickness, vertigo
- Do not have a cold/ear/sinus infection
- Have not experienced a concussion
- No chance of pregnancy
- Have not participated in a balance perturbation study within the last year

The researchers wish to be inclusive in the recruitment process.
The project requires:

- Interaction with male and/or female researchers
- Placement of small markers on the body to track body movement (direct skin contact)
- Wearing shorts & sleeveless shirt
- Removal of articles of clothing, including headgear and socks
- Wearing a harness about the trunk and between the legs

If for any reason you may feel uncomfortable taking part, please contact the researcher to discuss these requirements and possible modifications to the procedure to address your concerns

If you are interested in participating or have any questions, please contact:

Brye McMorran (PhD candidate): bmcmorra@uoguelph.ca ; 905-252-0439
Matthew Brideau (MSc candidate): brideaum@uoguelph.ca

This project has been reviewed by the Research Ethics Board for compliance with federal guidelines for research involving human participants (REB #: 23-12-015)

Vestibular Balance Reaction Study
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Matthew Brideau: brideaum@uoguelph.ca