

Placement Role (Title): Biomechanics Lab Assistant

**Host Organization and Description**: Nipissing University School of Physical and Health Education, Biomechanics and Ergonomics Lab. Placement students will work directly under the supervision of Dr. Alison Schinkel-Ivy.

Who Should Apply? Students with an interest in biomechanics, and/or exploring research at the undergraduate level and as a post degree option.

**Placement Service Times**: Students to interview with host to discuss availability. Placement service will begin no earlier than May 15th, 2019. To be negotiated with host based on the student's academic schedule. Weekday hours are expected, no evenings or weekends.

## **Placement Duties:**

- Onsite training in the lab regarding specific equipment and software used for data preparation and processing.
- Preparing motion capture data for studies looking at motion, balance, and muscle activation in older adults.
- Working with data processing code on a small research project; potential opportunity to present findings at the Nipissing University Undergraduate Research Conference (optional).
- Conducting a small literature review
- Potential opportunity to assist with data collection
- Additional duties as agreed upon

**Placement Eligibility Requirements**: Student must be registered in PHED 3106 or PHED 4106. Police check and Young Worker's Health and Safety Certificate required. TCPS and WHMIS credentials must be obtained while working in the lab if they have not been completed previously. Students who do not have the TCPS and WHMIS credentials prior to application will still be considered. CPR Level C and First Aid credentials must be submitted prior to May 31<sup>st</sup>. Successful completion of PHED 2036 Biomechanics I is strongly recommended.

**How to apply:** Online, using the placement application form found on the community leadership placement website.

Number of Students Accommodated within placement: (minimum 50 hours): 1

Application Deadline: April 19th, 2019

**To learn more**: Contact Dr. Alison Schinkel-Ivy to request a meeting (alisons@nipissingu.ca).