JOB TITLE: MENG1 - Engineering Assistant

DEPARTMENT NAME: Mechanical Engineering

CONTACT NAME: Nikolai Dechev

JOB DESCRIPTION:

The job position involves experimental testing of new prosthetic and orthotic devices for deployment in developing country settings. This includes testing of 3D printed braces to help individuals suffering from clubfoot or scoliosis. The Engineering Assistant will assist in the testing of different materials and designs used in the development of the devices.

Other duties and responsibilities include:
- Perform bench-testing, evaluation, pre-production design work.
- Develop training documentation and videos for possible deployment in developing countries, and Print Centers in developing countries.
- Write-up of periodic technical and summary reports, to document work done.
- Collection of preliminary result data and feedback, data analysis, and implementation of improvements as necessary.

QUALIFICATIONS:

- Knowledge of 3D printing
- Hands-on skills for assembly
- Understanding of basic solid mechanics
- Experience using SolidWorks/Fusion 360

JOB LOCATION ON-CAMPUS: Engineering Lab Wing, room A247

WORK STUDY WAGE: $14.50/hour (includes 4% vacation pay)

DEPARTMENT TOP UP: $0

HOURS AVAILABLE: 50

HOW TO APPLY: Email Dr. Nikolai Dechev at dechev@uvic.ca

Applicants must be eligible for Work Study Program
For details go to: http://www.uvic.ca/registrar/safa/work-study/index.php