2021/2022 WORK STUDY PROGRAM

JOB POSTING

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 and underserved countries. 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:

Preferred:
- Knowledge of 3D printing
- Hands-on skills for assembly
- Understanding of basic solid mechanics
- Experience using SolidWorks/Fusion 360
- Knowledge of Adobe Suite (ie. Premiere Pro video editing)

JOB LOCATION ON-CAMPUS: Engineering Lab Wing, Room A144

WORK STUDY WAGE: $16.00/hour (including 4% vacation pay)

HOURS AVAILABLE: 100

HOW TO APPLY: Cover Letter and Resume via email to Dr. Nikolai Dechev dechev@uvic.ca

APPLICANTS MUST BE ELIGIBLE TO PARTICIPATE IN THE WORK STUDY PROGRAM
For details go to: http://www.uvic.ca/registrar/safa/work-study/index.php