

2022/2023 WORK STUDY PROGRAM

JOB POSTING

JOB TITLE: AMRT2 - Cell Culture, Bioprinting & Biomaterials Lab Assist
DEPARTMENT NAME: CAMTEC (AMRT)
CONTACT NAME: Stephanie Willerth

JOB DESCRIPTION:

This position will support the interdisciplinary collaboration between our in-lab biomaterial development and cell culture, focusing on experiments which combine various pluripotent stem cells and stem cell-derived neural progenitor cells with synthetic and natural biomaterial constructs using bioprinting. Orientation will be provided for techniques including UV and plasma sterilization, preparation of bioinks, cell culture, 3D printing technology, and monitoring of cell-seeded constructs. Other tasks may also include characterization techniques including phase contrast and fluorescent microscopy and immunocytochemistry. The degree to which these techniques are incorporated into the work-study position will be flexible and dependent on individual interest and skill level. Typical responsibilities will also include preparation of buffers and solutions, stocking supplies, and general laboratory maintenance tasks. For more information on the research activities of the Willerth Laboratory, please see: <http://www.engr.uvic.ca/~willerth>.

QUALIFICATIONS:

Academic: Enrolled in an applicable undergraduate program (Ex. MENG, BME, BIO, CHEM, BCMB)

Personal: Able to work independently and in a team environment. Reliable, detail-oriented, and self-motivated.

Technical: Strong laboratory skills. Aseptic cell culture technique is an asset but not mandatory. Mandatory Occupational Health and Safety training is required once position is accepted.

JOB LOCATION ON-CAMPUS: MSB 336
WORK STUDY WAGE: \$16.50/hour (including 4% vacation pay)
HOURS AVAILABLE: 48
HOW TO APPLY: Send CV to willerth@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>