2020/2021 WORK STUDY PROGRAM

JOB POSTING

JOB TITLE: DMSC2 – Data Analyst

DEPARTMENT NAME: Division of Medical Sciences

CONTACT NAME: Dr. Leigh Anne Swayne

JOB DESCRIPTION:

The Swayne lab studies molecular and cellular neurobiology and is focused on the roles and trafficking of ion channels in the brain and heart. We use techniques in microscopy and biochemistry to ultimately contribute to improvements in health and research, as well as to educate the next generation of scientists. We are a collaborative and inclusive lab with researchers from a variety of faculties and backgrounds.

We are looking for a proactive student to join our team in order to aid with data management and analysis. This role could include helping with image analysis using Fiji and ImageJ and/or assisting in the manipulation and visualization of data sets using R. The data to be analyzed will mainly be collected from neurons and brain slices that have been imaged by a senior lab member using our confocal microscope. In addition, the applicant would be expected to join in on weekly lab meetings and R studio trouble-shooting sessions. Due to the collaborative nature of the lab, the responsibilities of the applicant would revolve around supporting larger ongoing projects. It should be noted that all work and meetings will be available for the student to complete and attend remotely.

QUALIFICATIONS:

We are looking for an applicant with an interest in bioinformatics. Experience with R studio and other programming languages, in addition to comprehension of image analysis (Fiji or ImageJ) is preferable, but not necessary. Background courses in cellular and molecular biology, biochemistry, computer science and statistics will also be helpful in this work.

JOB LOCATION ON-CAMPUS: Medical Sciences Building, Room 336

WORK STUDY WAGE: $15.50/hour (including 4% vacation pay)

DEPARTMENT TOP UP: 0

HOURS AVAILABLE: 340

HOW TO APPLY: Please email your resumé, cover letter and unofficial Transcript to lswayne@uvic.ca and candlish@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