

TBEP Molecular Physiology Laboratory/Research Assistant

2018/2019 Work-Study Program

Available Position

The Translational Biology and Engineering Program (TBEP) is the University of Toronto's component of the Ted Rogers Centre for Heart Research. Occupying the 14th floor of MaRS Discovery District's West Tower, TBEP brings together eight faculty members and their students from UofT Engineering, Medicine and Dentistry to advance heart research, diagnostics, and regeneration using a comprehensive approach that includes systems and developmental biology, technology innovation and clinical translation.

TBEP is seeking a qualified individual to fill one (1) Molecular Physiology Laboratory/Research Assistant work-study position for a total of 200 hours of employment.

Background

Working under the direction of the Heximer laboratory, the work-study student will be responsible for the following:

Key Responsibilities

- ◆ Assisting research staff to acquire genotypic and cardiovascular phenotypic (blood pressure and ECG) experimental data using technology at laboratory locations located at the University of Toronto
- ◆ Analyzing and summarizing physiologic data (using Chart software package)
- ◆ Molecular diagnostics of murine genotypes (PCR, genomic DNA isolation)
- ◆ Keeping accurate laboratory records and reporting data
- ◆ General lab maintenance

Experience Required

The TBEP Molecular Physiology Laboratory/Research Assistant is expected to have basic knowledge about cardiovascular anatomy, physiology and general molecular biology. Any knowledge and/or experience with PCR, genomic DNA isolation, and ECG analysis is an asset.

Strong communication (oral and written) and interpersonal skills; ability to interact with people in a tactful, polite, and professional manner; good listening skills; strong organizational, planning and problem-solving skills; ability to work independently, take initiative and work to a deadline.

Hours of Work

Work-study students will generally be required to work between 9:00AM and 5:00 PM.

To Apply

Please apply via the Career Learning Network, Job ID 124781. All questions can be directed to Noah Frank, TBEP Administrator: admin.tbep@utoronto.ca