University of Toronto  
Department of Biochemistry

Job Posting – Teaching Assistant Position – BCH340H
Winter Term 2021 (January - April)

Posted on: December 11, 2020

The Biochemistry Program seeks up to 1 Teaching Assistants for the following course:

BCH 340H – Proteins: From Structure to Proteomics

Course description:
Proteins are the main functional units of the cell. In this course, a detailed overview of protein structure and function will be given with strong emphasis on the basic principles in the field. Students will be introduced to folded and intrinsically disordered proteins. Biophysical methods to study protein stability and folding will be discussed, as well as experimental approaches to determine protein structure and function. Students will be introduced to catalysis, kinetics, and the mechanisms that regulate enzyme activity. Finally, proteomic methods to studying protein networks in cells will be presented. The course will offer a solid basis in protein biochemistry. It is recommended for those interested in pursuing graduate studies or professional degrees in health or medicine. The course is divided into three sections, each taught by a different professor.

Qualifications
This course covers advanced protein biochemistry, enzymology, biophysics, and proteomics. The candidate must be able to understand and answer students’ questions during synchronous journal article discussions and tutorials. They must be willing to moderate online discussions and encourage student participation.

Duties
The TA will help moderate virtual discussions centred around questions on a pre-assigned journal article (3 total) and tutorials (3 in total). To this end, they will need to familiarize themselves with the course content, journal articles, and journal article assignments.

Duties of this position shall be performed at the campus on which the position is located. Where the duties are intended to be performed at another location, such other location will be specified in the posting.

Hours of work: approx.: 19

Estimated Course Enrolment: 50
Start Date of Appointment: January 11, 2021
End Date of Appointment: March 22, 2021

Rate of Pay: SGS I/II - $46.24/hour (+4% vacation pay)

Final availability of the position(s) is contingent upon enrolment, budgetary consideration and the determination of appointments as governed by the collective agreement.

Application Process Applications should be submitted online. Please consult Departmental Website for application link and instructions: http://biochemistry.utoronto.ca/about/hiring.

If you require any supplementary material such as References, then you will need to use the regular applications and these will be forwarded to you directly as they are received.

Application Deadline: December 16, 2020 by 5:00 pm

If during the application and/or selection process you require accommodation due to a disability, please contact carrie.harber@utoronto.ca.
The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ persons, and others who may contribute to the further diversification of ideas.

This job is posted in accordance with the CUPE 3902 Unit 1 Collective Agreement. The Departmental Hiring Policy is available in the Department office and in the CUPE Local 3902 office.