

**Job Posting – Teaching Assistant Position**  
**Fall 2025 (September - December)**

The Department of Molecular Genetics is seeking 1 Teaching Assistant for the following course:

**MMG1001 – Foundational Genetic Approaches I (Unit: Proteins/Proteomics)**

Foundational knowledge in Proteins. The course is compulsory for all 1st year Molecular Genetics graduate students. Foundational knowledge and methods will be covered, including presentation and discussion of literature, and problem solving. Topics encompass protein folding and structure-function, intrinsically disordered regions, phase separation, mass spectrometry, proteomics, cellular organization of the proteome, and experimental protein/proteomics research design. Students will be graded based on participation in weekly discussion groups, quizzes and a test at the end of the Unit.

**Qualifications**

A strong background and extensive hands-on experience in protein structure and/or proteomics analysis are required. Ideally, applicants will be senior graduate students or postdoctoral fellows with expertise in data generation and computational data analysis in mass spectrometry, structural biology, and/or other protein analysis methods. Further details about the Department's hiring policy are available in the Department office and in the CUPE, Local 3902 office.

**Duties**

- Meet with the instructor to review and discuss assigned course material
- Attend weekly lectures
- Participate/coordinate weekly discussion sessions with graduate students
- Attend/participate in weekly presentations by graduate students
- Assist with marking/uploading results assessments/assignments and exam(s)

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.

\*In Fall 2025 MMG1001 will be offered **In-Person**. Duties listed above will, therefore, be conducted In-Person.

**Hours of Work:** Approximately 70 hours for the five-week unit, plus some advance preparation

**Estimated Course Enrolment:** 75

**Rate of Pay:** SGSI/II \$52.97/hr.

**Application Process**

Please submit a Teaching Assistant Application (available on the departmental web site: <https://moleculargenetics.utoronto.ca/teaching-assistantships-ta>) and a CV to Dr. Ji-Young Youn ([jiyoung.youn@sickkids.ca](mailto:jiyoung.youn@sickkids.ca))

You may be required to provide a copy of your transcript and/or additional documents.

**Deadline: July 11, 2025**

The Chair or the Chair's authorized designate shall make any or all offers of employment on behalf of the Department of Molecular Genetics. The Department authorizes no other offers or notices of the outcome of applications.

This job is posted in accordance with the CUPE3902 Unit 1 Collective Agreement. The position(s) posted above is (are) tentative, pending final course determinations & enrolments.

If during the application and/or selection process you require accommodation due to a disability, please contact [uoft.careers@utoronto.ca](mailto:uoft.careers@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.**