
Posting Date: October 23, 2025

JOB POSTING – SESSIONAL LECTURER

Course Number and Title: PCL368H1S: DRUG DEVELOPMENT PIPELINE II: IN VIVO (8T, 40P).

Course Description: This course will provide a learning experience that parallels and simulates the process, protocols, methods and evaluation tools used for later-stage in vivo drug development. Modules will build on the student's fundamental knowledge and simulate the thought processes and techniques used during drug development in research institutes, clinical research organizations and pharmaceutical and biotechnology companies worldwide. Modules will include pharmacokinetic and pharmacodynamic analyses and pharmacogenetic screening approaches in model systems and humans. This experience will allow students to leverage their learned skills and knowledge to improve their comprehension and employability in this area, while honing critical thinking and analytical skills.

Estimated Course Enrolment: 80

Estimated TA support: 6 TAs (TBD)

Schedule: Thursday 9:00am-1:00pm, 1:30-5:30pm

Sessional dates: January 1, 2026 – April 30, 2026

Salary: SL1: \$1,399.65, SL1 LT: \$1,497.89, SL2: \$1,497.89, SL3: \$1,533.55 (rates reflect remuneration for teaching 0.07 FCE)

Please note that should rates stipulated in the collective agreement vary from rates stated in this posting, the rates stated in the collective agreement shall prevail.

Qualifications: The ideal applicant will have a doctoral degree (PhD) with a specialization in the field of pharmacology, toxicology, bioinformatics, or related field. The individual will have demonstrated excellent knowledge and experience with pharmacology and/or biomedical toxicology in research and previous teaching or mentoring experience in undergraduate education an asset. Previous experience with laboratory course instruction as well as industry experience in bioinformatics are also assets. The ideal candidate will have a good understanding of general concepts in drug discovery, data analyses, and bioinformatics, including a strong understanding of programming in R. Previous experience working with faculty, graduate and undergraduate students ideal.

Description of duties:

- Provide background knowledge and training on bioinformatics and programming in R
- Lead undergraduate students in processing and analyzing RNA sequencing data for drug discovery and target evaluation
- Teach students methods for interpreting large-scale gene expression changes in the context of drug metabolism and pharmacokinetics

Closing date: November 13, 2025

Application process:

The application should include a CV and the CUPE 3902 Unit 3 application form in PDF or MS Word format submitted via email.

To Dr. Ali Salahpour, Chair, Department of Pharmacology and Toxicology
c/o Ms. Charlotte Pashley, Medical Science Building, 1 King's College Circle, room 4207,
Toronto, ON, M5S 1A8, charlotte.pashley@utoronto.ca

Please note: Undergraduate or graduate students and postdoctoral fellows of the University of Toronto are covered by the CUPE 3902 **Unit 1** collective agreement rather than the Unit 3 collective agreement, and should not apply for positions posted under the Unit 3 collective agreement.

Preference in hiring is given to qualified individuals advanced to the rank of Sessional Lecturer II or Sessional Lecturer III in accordance with Article 14:12.

This job is posted in accordance with the CUPE 3902 Unit 3 Collective Agreement.

It is understood that some announcements of vacancies are tentative, pending final course determinations and enrolment.

CUPE Local 3902 Unit 3 – APPLICATION FORMAT

Covering persons employed for a period of less than one year, who are **not** undergraduate or graduate students, or post-doctoral fellows, at the University of Toronto

(See the Collective Agreement posted on <https://people.utoronto.ca/agreements/> for a full description of the Unit 3 bargaining unit)

Name	
Address 1	
Address 2	
City	
Province	
Country	
Postal Code	
Email address*	
Telephone number	
Fax number	
Highest degree	Ph.D. _____ M.Sc. _____ M.A. _____ B.Sc. _____ B.A. _____ Other _____
Granting institution	University of Toronto _____
Department	
Date conferred	
Academic Rank at U of T	

*** A valid email address is required in order to receive email notification of job postings.**

TYPE(S) OF POSITION FOR WHICH YOU ARE APPLYING	
	Sessional Lecturer
	Sessional Instructional Assistant
	Writing Centre Instructor
	Music Professional/Applied Music Sessional

COURSE(S) APPLIED FOR AS SESSIONAL LECTURER

Course Code	Course Name	Date Posting Closes

COURSE(S) APPLIED FOR AS SESSIONAL INSTRUCTIONAL ASSISTANT

Course Code	Course Name	Date Posting Closes

POSITION(S) APPLIED FOR AS WRITING INSTRUCTOR/APPLIED MUSIC SESSIONAL/MUSIC PROFESSIONAL

Position ID	Position	Date Posting Closes

PREVIOUS TEACHING EXPERIENCE AT THE UNIVERSITY OF TORONTO

Half Course	Full Course	Course Code	Course Name	Department	Position Title	Year

OTHER RELEVANT PREVIOUS TEACHING EXPERIENCE

Half Course	Full Course	Course Name	Secondary Institution Department	Position Title	Year

OTHER RELEVANT EXPERIENCE

YES NO CONFIRMATION OF STATUS (REQUIRED)

		Are you an undergraduate or graduate student in the University of Toronto?
		Are you a postdoctoral fellow in the University of Toronto?
		Are you legally entitled to work in Canada?

Please submit your application no later than the closing date of the job posting. Applications received after the closing date will not be considered.

NOTE: The University of Toronto strongly prefers electronic submission of application materials, including CVs. If you are submitting this application in a non-electronic format, please enclose a hard copy of your CV.