
Posting Date: March 4, 2025

JOB POSTING – SESSIONAL LECTURER

Course Number and Title: PCL1491H1F: Clinical Pharmacology Principles in Practice

Course Description:

A 2-day module introducing computational research and analyses, broaching topics in data science, machine learning, and bioinformatics. This module would be designed for students coming from a traditional life sciences background with little to no experience in computer science or programming, and a basic understanding of general concepts in statistics. The course material and practical demos in the module would expose students to the rationale, methodology and techniques that labs, institutions, and organizations are increasingly using with large and complex datasets.

Estimated Course Enrolment: ~16

Estimated TA support: 1 TA

Schedule: June 3rd and 5th, 2025: 9 am-1 pm

Sessional dates: May 1, 2025 – June 30, 2025

Salary: SL1: \$567.47, SL1 LT: \$595.85, SL2: \$607.31, SL3: \$621.77 (rates reflect remuneration for teaching 0.03 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, Pharmaceutical Sciences or related field. The individual will be required to 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. The ideal candidate will have a good understanding of general concepts in data analyses and research, machine learning and bioinformatics, including a strong understanding of programing, coding in R and Linux. Previous experience working with faculty and graduate and undergraduate students is ideal.

Description of duties:

- Teach general concepts in data science, machine learning, and bioinformatics.
- Teach a general but functional programing and some experience in reading, modifying, and executing code in R
- Teach application of data science and machine learning concepts in data analyses and research

Closing date: March 24, 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, 777 Bay Street, Suite 945, Toronto, ON, M5G 2C8,
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.

APPLICATION FORMAT - CUPE Local 3902 Unit 3

Covering persons employed for a period of less than one year, who are **not** undergraduate or graduate students, or post-doctoral fellows, in the University of Toronto
(see the Collective Agreement posted at <http://www.hrandedequity.utoronto.ca/about-hr-equity/policies-guidelines-agreements.htm#CUPE Local 3902 Unit 3> for a full description of the Unit 3 bargaining unit)

Name	
Address 1	
Address 2	
City	
Province/State	
Country	
Postal Code	
Email address*	
Telephone number	()
Fax number	()
Highest degree	<input type="checkbox"/> Ph.D. _____ <input type="checkbox"/> M.Sc. _____ <input type="checkbox"/> M.A. _____ <input type="checkbox"/> B.Sc. _____ <input type="checkbox"/> B.A. _____ Other _____
Granting institution	<input type="checkbox"/> University of Toronto <input type="checkbox"/> _____
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	
	Course instruction (Sessional Lecturers I or II)

	Teaching assistants (Sessional Instructional Assistants)
	Writing Centre Instructor
	Applied Music Instructor

COURSE(S) APPLIED FOR AS SESSIONAL LECTURER		
Course Number	Course Name	Date Posting Closes

COURSE(S) APPLIED FOR AS SESSIONAL INSTRUCTIONAL ASSISTANT		
Course Number	Course Name	Date Posting Closes

POSITION(S) APPLIED FOR AS WRITING INSTRUCTOR/APPLIED MUSIC INSTRUCTOR		
Position ID	Position	Date Posting Closes

PREVIOUS TEACHING EXPERIENCE AT THE UNIVERSITY OF TORONTO						
Half course?	Full course?	Course No.	Course Name	Department	Instructing or Assisting?	Year

OTHER PREVIOUS TEACHING EXPERIENCE					
Half course?	Full course?	Course Name	Department & University	Instructing or Assisting?	Year

OTHER 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.