Posting Date: May 17, 2022

JOB POSTING – SESSIONAL LECTURER

Course Number and Title: PCL1491H F Clinical Pharmacology: Principles in Practice

Course Description: 2-week 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 TAs

Schedule: June 21st and 23rd 9 am-1 pm, total of 8 hours

Sessional dates: May 19-June 23, 2022

Salary: SL1: $543.34, SL1 LT: $567.63, SL2: $581.48, SL3: $595.32 (rates reflect remuneration for teaching 0.032 FCE)

Qualifications:

 The ideal applicant will have a doctoral degree (PhD) with a specialization in the field of Pharmacology, Toxicology, Pharmaceucal 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 experince in undergraduate education an asset. The ideal candidate will have a good understanding of general concepts in data analyses and research, machine learning and bioinformacs, 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: May 20, 2022

Application process:
The application should include a CV and the CUPE 3902 Unit 3 application form in PDF or WORD format available attached.

To Dr. Ruth Ross, Chair, Department of Pharmacology and Toxicology
c/o Ms Elaine Jack, Medical Science Building, 1 King's College Circle, room 4207, Toronto, ON, M5S 1A8, elaine.jack@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.hrandequity.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	☐ 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	
	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 UNVERSITY 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.