Statistical Sciences
UNIVERSITY OF TORONTO

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FACULTY OF ARTS & SCIENCE
Teaching Assistant – CUPE 3902, Unit 1
September 1, 2022 - December 31, 2022

STA313H1F- L0101, Data Visualization
An introduction to data visualization and the use of visual and interactive representations of data to support human cognition. This course covers visualization techniques and algorithms based on principles from graphic design, perceptual psychology, cognitive science, and human-computer interaction. Topics include: graphic design, interaction, perception and cognition, communication, and ethics. Computational tutorials involve design review, implementation, and testing of information visualizations.

Qualifications
Solid knowledge of R and R Studio programming, good understanding of visualization and research methods in Human-Computer interaction. Thorough familiarity with all topics covered in the course including perception, graphics design, visualization principles, and user research. Enthusiasm for teaching beginners and ability to handle interactive (problem solving) tutorials and labs. These paid positions are open only to University of Toronto Students who have demonstrated a sound knowledge of the relevant subject matter and who have the ability to impart that knowledge to other students. Candidates must have an academic background in Statistical Sciences and/or Computer Science. PhD student in actuarial science, statistics, biostatistics, or computer science. Preference will be given to candidates who successfully completed a visualization (STA2555/CSC2537), and/or Human-Computer Interaction (CSC318) course, or professional experience in the relevant subject matter.

Duties
It is expected that you will be required to attend virtual tutorials and office hours 1-2 times/week possibly on different days. General duties include conducting weekly tutorial sessions; holding office hours; grading homework, quizzes, tests, assignments & exams; other duties as required by the course.

Instructor:	Fanny Chevalier
Estimated Course Enrolment:	120
Tutorial Schedule:	https://timetable.iit.artsci.utoronto.ca/
Approximate Number of TA Hours:	50 hrs + 8 hrs training (per position)
Approximate Number of Positions:	1
Rate of Pay:	UG/SGS I/II - $47.17/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
Application information is available at https://www.statistics.utoronto.ca/employment-opportunities/cupe-positions-unit-1. The deadline to submit your application is **July 21, 2022.** For more information, you may contact:

Karla Barrera
Interim TA Administrator
Department of Statistical Sciences
University of Toronto
700 University Avenue
Ontario Power Building
Rm 9160- 11
Toronto, ON M5G 1Z5
www.statistics.utoronto.ca
E-mail: jobapps.statistics@utoronto.ca

If during the application and/or selection process you require accommodation due to a disability, please contact jobapps.statistics@utoronto.ca

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

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Local 3902 office. 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. **Note:** Although a graduate student's preference as to the campus location of his/her TA appointment will be taken into account, both the initial TA appointment (or CI appointment) and the subsequent appointment obligation related to that appointment may be met through position(s) on any one of the three University of Toronto campuses (UTM, UTSC or St. George) in courses in the same discipline as the initial appointment. TAs will only be assigned to courses in fields in which they are or should be qualified to assist. 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.