



Posted on March 14, 2023

Regular Posting

**FACULTY OF ARTS & SCIENCE**  
**Teaching Assistant – CUPE 3902, Unit 1**  
**May 1, 2023 – June 30, 2023**

**STA237H1F – L0101, Probability, Statistics and Data Analysis I**

An introduction to probability using simulation and mathematical frameworks, with emphasis on the probability needed for more advanced study in statistical practice. Topics covered include probability spaces, random variables, discrete and continuous probability distributions, probability mass, density, and distribution functions, expectation and variance, independence, conditional probability, the law of large numbers, the central limit theorem, sampling distributions. Computer simulation will be taught and used extensively for calculations and to guide the theoretical development.

**Qualifications**

- Experienced in R, R-studio, tidyverse in producing simulations and interpreting results
- Applicants must be available to lead weekly tutorials
- Must demonstrate to have successfully completed this course or equivalent course in introductory probability
- Good facilitation and presentation skills
- Good oral and interpersonal skills, particularly able to show tact when communicating with students

**Relevant Criterion**

Previous experience is the more relevant criterion than the need to acquire experience in respect of this posted position.

**Duties**

Duties are in person unless otherwise indicated and will include any or all of the following: attending lectures, running tutorial sessions, facilitating and evaluating student engagement on online discussion boards, participating in training sessions, meeting with the instructors, holding office hours, grading student homework including written reports, and assisting with the grading of tests and exams.

*Duties of this position shall be performed on the St. George Campus.*

<b>Hours of work: approx.</b>	75 hours per TA
<b>Estimated Course Enrolment:</b>	200 students
<b>Tutorial Schedule:</b>	<a href="https://timetable.iit.artsci.utoronto.ca/summer2023">https://timetable.iit.artsci.utoronto.ca/summer2023</a>
<b>Rate of Pay:</b>	UG/SGS I/II - \$47.64/hour (+4% vacation pay)

**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 **April 4, 2023**. For more information, you may contact:

**Angela Niazmand**  
Undergraduate and TA Administrator  
Department of Statistical Sciences  
University of Toronto  
700 University Avenue  
Ontario Power Building - 9160-6



# Statistical Sciences UNIVERSITY OF TORONTO

Toronto, ON M5G 1Z5  
[www.statistics.utoronto.ca](http://www.statistics.utoronto.ca)  
E-mail: [jobapps.statistics@utoronto.ca](mailto:jobapps.statistics@utoronto.ca)

The University strives to be an equitable and inclusive community, and proactively seeks to increase diversity among its community members. Our values regarding equity and diversity are linked with our unwavering commitment to excellence in the pursuit of our academic mission. The University is committed to the principles of the Accessibility for Ontarians with Disabilities Act (AODA). As such, we strive to make our recruitment, assessment and selection processes as accessible as possible and provide accommodations as required for applicants with disabilities. If you require any accommodations at any point during the application and hiring process, please contact [uoft.careers@utoronto.ca](mailto:uoft.careers@utoronto.ca). During employment, to request accommodation from the University, contact the supervisor or department chair and/or Health & Wellbeing Programs & Services at [hwb@utoronto.ca](mailto:hwb@utoronto.ca). For more information about accommodations at U of T, please visit our Accommodation webpage.

The hiring criteria for Teaching Assistant positions are academic qualifications, the need to acquire experience, previous experience and previous satisfactory employment under the provisions of this Collective Agreement.

Candidates who are members of Indigenous, Black, racialized and LGBTQ2S+ communities, persons with disabilities, and other equity seeking groups are encouraged to apply, and their lived experience shall be taken into consideration as applicable to the position.

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, LGBTQ2S+ persons, and others who may contribute to the further diversification of ideas.

This job is posted in accordance with the CUPE 3902 Unit 1 Collective Agreement.

The position(s) posted above is (are) tentative, pending final course determinations and enrolments.

Positions posted here are open to Graduate Students in the School of Graduate Studies, Postdoctoral Fellows and Undergraduate Students in the University of Toronto.

Preference in hiring shall be given to Graduate Students enrolled in the School of Graduate Studies of the University of Toronto or those who have made application to be enrolled in the School of Graduate Studies of the University of Toronto.

## FACULTY OF ARTS & SCIENCE

Ontario Power Building, 700 University Avenue, 9th floor, Toronto, ON M5G 1Z5 Canada  
Tel: +1 416 978-3452 • Fax: +1 416 978-5133 • [info.statistics@utoronto.ca](mailto:info.statistics@utoronto.ca) • <https://www.statistics.utoronto.ca/>