Faculty of Arts & Science
TEACHING ASSISTANT – CUPE Unit 1
June 27, 2016 - August 22, 2016

STA261H1S L5101 - Probability and Statistics II
A sequel to STA257H1, providing a rigorous introduction to the logical foundations of statistical inference and the practical methodology engendered. Topics include: statistical models, parameters, samples and estimates; the general concept of statistical confidence with applications to the discrete case and the construction of confidence intervals and more general regions in both the univariate and vector-valued cases; hypothesis testing; the likelihood function and its applications; time permitting: the basics of data analysis, unbiasedness, sufficiency, linear models and regression (Note: STA261H1 does not count as a distribution requirement course).

Qualifications
Academic background in Statistical Sciences. PhD student (or graduate) in actuarial science, statistics or biostatistics.

Duties
Any or all of the following: grading term tests, invigilating term tests and final exams, grading homework and/or quizzes, leading tutorials and setting tutorial quizzes.

Instructor: TBA
Estimated Course Enrolment: 154 students
Class Schedule: Mondays, Wednesdays 7:00pm-10:00pm
Tutorial: Mondays, Wednesdays 6:00pm-7:00pm
Approximate Number of TA Hours: 200 hours
Approximate Number of positions: 4
Rate of Pay: SGS1 and SGSII rate $42.90 per hour, Undergraduate rate $42.90 per hour in accordance with the CUPE, Local 3902 Unit 1, Collective Agreement

Final availability of the position is contingent upon enrolment, budgetary consideration and the determination of appointments as governed by the collective agreement.

Application Process
Please submit an application form and CV by April 8, 2016. The application is available online at: http://www.utstat.utoronto.edu/wordpress/wp-content/uploads/2012/09/WRITABLEPDF-TA-Application-25SEP2012.pdf. Please submit completed application forms to the Departmental Office, SS 6018 or to:

Jamie Stafford
c/o Christine Bulguryemez
Sidney Smith Hall, 100 St. George Street
Toronto, ON M5S 3G3
Email: christine@utstat.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 Local 3902 office.
The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, 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

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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.