STA447H1/STA2006HS L2001, L5101 - Stochastic Processes (formerly STA348H1)
Discrete and continuous time processes with an emphasis on Markov, Gaussian and renewal processes. Martingales and further limit theorems. A variety of applications taken from some of the following areas are discussed in the context of stochastic modeling: Information Theory, Quantum Mechanics, Statistical Analyses of Stochastic Processes, Population Growth Models, Reliability, Queuing Models, Stochastic Calculus, Simulation (Monte Carlo Methods).

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, setting tutorial quizzes.

Instructor: TBA
Estimated Course Enrolment: 120 students
Class Schedule: Thursdays 6:00pm to 9:00pm
Approximate Number of TA Hours: 53 hours
Rate of Pay: SGS1 and SGSII rate $43.65 per hour, Undergraduate rate $43.65 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 August 17, 2017. The application is available online at: http://www.utstat.toronto.edu/wordpress/wp-content/uploads/2012/09/WRITEABLEPDF-TA-Application-25SEP2012.pdf. Please submit completed application forms to the Departmental Office, SS 6018 or to:

Jamie Stafford
Sidney Smith Hall, 100 St. George Street
Toronto, ON M5S 3G3
Email: ea-stats@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 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 (and 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.