PMU199H1F L0411 - Simulation: A Valuable Tool in Understanding Statistical Concepts

Simulation is a very important tool that can be used to determine how far the results from small realistic sample sizes can deviate from those expected based on asymptotic results. Basically the computer can create 100,000 or more analyses based on small sample sizes to verify the validity of various statistical analyses. The course stresses the use of language in interpreting data and all SAS programs used to carry out simulations are given to the student. The only prerequisite is that the student has a laptop and enjoying games is a plus.

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: Paul Corey
Estimated Course Enrolment: 25 students
Class Schedule: TH: 14:00-16:00
Tutorial: TH: 16:00-17:00
Approximate Number of TA Hours: 50 hours
Approximate Number of positions: 1
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 July 25, 2016. The application is available online at: http://www.utstat.utoronto.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
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 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 appointment may be met through position(s) on any one of the three University of

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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.