Faculty of Arts & Science
TEACHING ASSISTANT - CUPE Unit 1
January 1, 2017 to April 30, 2017

STA414H1/STA2104HS 0101 - Statistical Methods for Data Mining and Machine Learning
Statistical aspects of supervised learning: regression with spline bases, regularization methods,
parametric and nonparametric classification methods, nearest neighbours, cross-validation and model
selection, generalized additive models, trees, model averaging, clustering and nearest neighbour
methods for unsupervised learning.

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: David Duvenaud
Estimated Course Enrolment: 80 students
Class Schedule: MO:14:00-17:00
Approximate Number of TA Hours: 95 hours
Approximate Number of positions: 2
Rate of Pay: SGS1 and SGSII rate $43.22 per hour, Undergraduate rate $43.22 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/RITEABLEPDF-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 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.

Posted on June 30, 2016