

DEPARTMENT OF STATISTICS
FACULTY OF ARTS AND SCIENCE

**JOB POSTING – Sessional Lecturer – POSTED April 22, 2008
UNDER THE CUPE 3902 UNIT 3 COLLECTIVE AGREEMENT**

Course: STA414H1S / STA2104HS, Statistical Methods for Data Mining and
Machine Learning

Course Description: Statistical aspects of supervised learning; regression with spline bases, regularization methods, parametric and non-parametric classification methods, nearest neighbours, cross-validation averaging, clustering and nearest neighbor methods for unsupervised learning.

Prerequisite: STA302H1/CSC411H1

Estimated Enrolment: 50

Estimated Teaching Assistant Support: Approx. 45 hours, depending on enrolment

Class schedule: Tuesdays, Wednesdays, and Fridays from 1:00 – 2:00 p.m.

Sessional Dates: January 1, 2009 – April 30, 2009
(Includes the completion of any course work or marking not finished by April 30, 2009)

Salary: \$6,500 for Sessional Lecturer I; \$7,000 for Sessional Lecturer II

Qualifications: A Master's or PhD degree in Statistics, Biostatistics or Computer Science. Prior experience teaching at the university level. Prior experience teaching STA414H1 or a similar course an asset. Note, applicants may be asked to supply references.

Duties: Teaching; setting and invigilating term tests and final examinations; reporting final grades; counseling students; supervising teaching assistant(s).

Application Procedure: Deadline for Applications: May 20, 2008

A CUPE 3902 Application Form & Curriculum Vitae must be submitted to:

The Chair, Department of Statistics, University of Toronto
100 St. George Street, 6th floor, Toronto, ON M5S 3G3
or by email to laura@utstat.utoronto.ca

A valid email address is required.

The CUPE 3902 application form is available at:

www.hrandequity.utoronto.ca/Assets/jobs/empapp/3903u3appword.rtf

This job is posted in accordance with the CUPE 3902 Unit 3 Collective Agreement. Preference in hiring will be given to qualified individuals advanced to the rank of Sessional Lecturer II by the Dept of Statistics.

Please note: Undergraduate or graduate students and postdoctoral fellows of the University of Toronto are covered by the CUPE 3902 Unit 1 collective agreement rather than the Unit 3 collective agreement, and should not apply for positions posted under the Unit 3 collective agreement.