

JOB POSTING – February 12, 2010

Sessional Lecturer Position for Summer 2010

UNDER THE CUPE 3902 UNIT 3 COLLECTIVE AGREEMENT

Course:	ACT230H1 F, Math. of Finance
Course Description:	Introduction to financial mathematics, interest measurement, present value calculation, annuity valuation, loan amortization, consumer financing arrangements, bond valuation. The course is aimed at a general audience who will not be continuing in the actuarial science program.
Estimated enrolment:	40
Estimated TA Support:	Approximately 56 hours, depending on enrolment
Schedule:	MW6, MW7-9
Sessional dates:	May 1, 2010 - June 30, 2010
Salary:	\$6,695 for Sessional Lecturer I; \$7,145 for Sessional Lecturer II; \$ 7,495 for Sessional Lecturer III
Qualifications:	A Master's or PhD degree in Statistics, Applied Statistics, Biostatistics or related discipline. Prior experience teaching at the university level. Prior experience teaching ACT230H1 or a similar course an asset. <i>Note: Applicants may be asked to supply references.</i>
Brief Description of Duties:	Teaching; setting and invigilating term tests and final examinations; reporting final grades; counseling students; supervising teaching assistant(s).
Closing date:	March 12, 2010

To apply, please submit a Curriculum Vitae as well as the CUPE 3902 Unit 3 application form to:

The Chair
Department of Statistics
Faculty of Arts and Science - University of Toronto
100 St. George Street, 6th floor
Toronto, ON M5S 3G3
Email: statistics@utstat.utoronto.ca

CUPE 3902 Unit 3 Application Form: <http://www.hrandequity.utoronto.ca/Assets/jobs/empapp/3902u3app.pdf>

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



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Course:	ACT240H1 F, Fund Invest & Credit
Course Description:	Interest, discount and present values, as applied to determine prices and values of annuities, mortgages, bonds, equities; loan repayment schedules and consumer finance payments in general; yield rates on investments given the costs on investments.
Estimated enrolment:	60
Estimated TA Support:	Approximately 56 hours, depending on enrolment
Schedule:	TR6, TR7-9
Sessional dates:	May 1, 2010 - June 30, 2010
Salary:	\$6,695 for Sessional Lecturer I; \$7,145 for Sessional Lecturer II; \$ 7,495 for Sessional Lecturer III
Qualifications:	A Master's or PhD degree in Statistics, Applied Statistics, Biostatistics or related discipline. Prior experience teaching at the university level. Prior experience teaching ACT240H1 or a similar course an asset. <i>Note: Applicants may be asked to supply references.</i>
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Course:	ACT245H1 S, Financial Principles I
Course Description:	Term structure of interest rates, cashflow duration, convexity and immunization, forward and futures contracts, interest rate swaps, introduction to investment derivatives and hedging strategies.
Estimated enrolment:	30
Estimated TA Support:	Approximately 42 hours, depending on enrolment
Schedule:	MW6-9
Sessional dates:	July 1, 2010 - August 31, 2010
Salary:	\$6,695 for Sessional Lecturer I; \$7,145 for Sessional Lecturer II; \$ 7,495 for Sessional Lecturer III
Qualifications:	A Master's or PhD degree in Statistics, Applied Statistics, Biostatistics or related discipline. Prior experience teaching at the university level. Prior experience teaching ACT245H1 or a similar course an asset. <i>Note: Applicants may be asked to supply references.</i>
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Course:	ACT247H1 S, Intro Life Conting I
Course Description:	Probability theory applied to survival and to costs and risks of life assurances, life annuities, and pensions; analysis of survival distributions; international actuarial notation.
Estimated enrolment:	50
Estimated TA Support:	Approximately 56 hours, depending on enrolment
Schedule:	TR6, TR7-9
Sessional dates:	July 1, 2010 - August 31, 2010
Salary:	\$6,695 for Sessional Lecturer I; \$7,145 for Sessional Lecturer II; \$ 7,495 for Sessional Lecturer III
Qualifications:	A Master's or PhD degree in Statistics, Applied Statistics, Biostatistics or related discipline. Prior experience teaching at the university level. Prior experience teaching ACT247H1 or a similar course an asset. <i>Note: Applicants may be asked to supply references.</i>
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UNDER THE CUPE 3902 UNIT 3 COLLECTIVE AGREEMENT

Course:	STA302H1 F, Methods of Data Analysis I
Course Description:	Introduction to data analysis with a focus on regression. Initial Examination of data. Correlation. Simple and multiple regression models using least squares. Inference for regression parameters, confidence and prediction intervals. Diagnostics and remedial measures. Interactions and dummy variables. Variable selection. Least squares estimation and inference for non-linear regression.
Estimated enrolment:	100
Estimated TA Support:	Approximately 112 hours, depending on enrolment
Schedule:	MW6-9
Sessional dates:	May 1, 2010 - June 30, 2010
Salary:	\$6,695 for Sessional Lecturer I; \$7,145 for Sessional Lecturer II; \$ 7,495 for Sessional Lecturer III
Qualifications:	A Master's or PhD degree in Statistics, Applied Statistics, Biostatistics or related discipline. Prior experience teaching at the university level. Prior experience teaching STA302H1 or a similar course an asset. <i>Note: Applicants may be asked to supply references.</i>
Brief Description of Duties:	Teaching; setting and invigilating term tests and final examinations; reporting final grades; counseling students; supervising teaching assistant(s).
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UNDER THE CUPE 3902 UNIT 3 COLLECTIVE AGREEMENT

Course:	STA304H1 F, Sample Survey Design
Course Description:	Design of surveys, sources of bias, randomized response surveys. Techniques of sampling; stratification, clustering, unequal probability selection. Sampling inference, estimates of population mean and variances, ratio estimation., observational data; correlation vs. causation, missing data, sources of bias.
Estimated enrolment:	60
Estimated TA Support:	Approximately 56 hours, depending on enrolment
Schedule:	TR6-9
Sessional dates:	May 1, 2010 - June 30, 2010
Salary:	\$6,695 for Sessional Lecturer I; \$7,145 for Sessional Lecturer II; \$ 7,495 for Sessional Lecturer III
Qualifications:	A Master's or PhD degree in Statistics, Applied Statistics, Biostatistics or related discipline. Prior experience teaching at the university level. Prior experience teaching STA304H1 or a similar course an asset. <i>Note: Applicants may be asked to supply references.</i>
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Course:	STA457H1 S, Time Series Analysis
Course Description:	An overview of methods and problems in the analysis of time series data. Topics include: descriptive methods, filtering and smoothing time series, theory of stationary processes, identification and estimation of time series models, forecasting, seasonal adjustment, spectral estimation, bivariate time series models.
Estimated enrolment:	60
Estimated TA Support:	Approximately 56 hours, depending on enrolment
Schedule:	MW6-9:30
Sessional dates:	July 1, 2010 - August 31, 2010
Salary:	\$6,695 for Sessional Lecturer I; \$7,145 for Sessional Lecturer II; \$ 7,495 for Sessional Lecturer III
Qualifications:	A Master's or PhD degree in Statistics, Applied Statistics, Biostatistics or related discipline. Prior experience teaching at the university level. Prior experience teaching STA457H1 or a similar course an asset. <i>Note: Applicants may be asked to supply references.</i>
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