



McGill

Scholarships for Graduate Studies in

OPERATIONS RESEARCH - STOCHASTIC OPTIMISATION

Motivated graduate students are sought for MSc/MEng and PhD studies in the above areas.

The ideal candidate should have a degree in computer science or mathematics or closely related fields, and have excellent analytical and programming skills. Graduate students are expected to be registered in the Department of Computer Science or, if they choose, Mining and Materials Engineering, and their work be linked to research areas of interest to McGill's COSMO – Stochastic Mine Planning Laboratory (<http://cosmo.mcgill.ca>). COSMO is funded by global mining companies, including AngloGold Ashanti, Barrick Gold, BHP Billiton, CVRD, CVRD-Inco, De Beers, and Newmont.

Research projects are largely integrated to combine new theoretical developments and stochastic operations research approaches to design and planning problems such as mine production scheduling under uncertain supply and demand. In addition to theoretical work, key component of graduate work is the testing of new methods and their performance in the real world and sites world wide, thus providing exposure to operations and interaction of methods with reality.

COSMO Lab offers a high-tech working environment, interacts with several departments in addition to Computer Science and is part of the oldest mining engineering program of Canada, and Professors in other universities in Montreal, Canada, the USA, Australia, South Africa and South America.

McGill University offers a research intensive environment and attracts international students from about 140 countries. In 2007, McGill ranked as the first University in Canada, first public University in North America and overall 12th in the world (*Times Higher-QS World University Rankings*).

Scholarships/research-assistantships are offered to highly qualified candidates at the maximum NSERC level: \$20,000/year for PhD students and \$17,000/year for MSc/MEng. A generous top-up of \$10,000/year is available for candidates holding NSERC or other scholarships.

For further information, please contact:

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