

JOB OPPORTUNITY

The Canadian Medical Protective Association (CMPA) is a non-profit medical mutual defence organization with more than 100 years of national experience related to virtually every medico-legal issue. About 95 per cent of the doctors licensed to practise in Canada are CMPA members.

The CMPA protects the professional integrity of doctors by providing services including legal defence, indemnification, risk management, educational programs and general advice. In addition, we promote and support medico-legal and practical measures likely to improve the practice of medicine.

JOB TITLE: Senior Statistical Data Analyst

TERMS: Regular, Full-time Position

SALARY RANGE: \$51,680 to \$77,520 with a control point of \$64,600

POSITION OVERVIEW:

Reporting to the Senior Statistician, the Statistical Data Analyst analyses medical-legal data and provides regular statistical support as requested by various departments. The incumbent may perform one or more of the following functions:

- Write computer programs to query and extract data from internal and external data sources
- Assess the quality of data by writing programs and/or reviewing data quality indicators and reports
- Write pre-processing programs to manipulate data using SAS or other languages in order to prepare the data for modelling
- Generate and execute automated processes and web-based tools that result in the production of descriptive statistics and graphs for all standard reports (e.g. Liability and Risk studies, Review of Activities reports and, Year-End Report)
- Perform ad hoc requests by working with Medical Analysts, Medical Analyst Researcher, Content Developers and other RMS and CMPA clients to prepare specifications, extract data, and review results
- Act as a back-up to the statisticians in their daily activities
- Provide assistance in the development of Business Decision Support Tools
- Conduct quality assurance activities for external data sources
- Work closely with other Data Analysts and Statisticians to define the content of analytical files, review data quality issues and recommend methods of improvement
- Other related duties and special assignments as required

QUALIFICATIONS:

- Bachelor's Degree in mathematics, statistics, economics, actuarial science, or other Statistical- related field
- A minimum of 6 years related working experience

- In-depth knowledge of SAS programming language, with advanced SAS programming skills
- Knowledge of Microsoft Applications including Word, Excel and PowerPoint
- Experience of Relational Database and SQL (preferably Oracle SQL)
- Highly developed analytical skills
- Familiarity with statistical concepts (populations, samples, modelling and test data sets)
- Knowledge of research/modelling methodology, i.e. understand project steps; from raw data, through transformation, to model construction and assessment
- Experience constructing graphs to explore data (such as histograms, scatter plots)
- Excellent communication skills
- Excellent team skills
- Ability to work independently

Desirable

- Knowledge of outlier and influential observation detection, examination and handling
- Knowledge of Health care data
- Knowledge of Visual Basic or VBA
- Knowledge of data warehouse and BI

-
- *Selected candidates will be required to complete a skills assessment.*
 - *Successful candidates will be required to provide proof of academic and professional qualifications.*
 - *We wish to thank all applicants for their interest. However, only those selected for further consideration will be contacted.*
 - *Candidates must already be authorized to work in Canada*
 - ***NO AGENCIES PLEASE!***

We offer a comprehensive compensation and benefits package as well as access to two on-site fitness centres. Please forward you resume quoting **Posting # 7-031ms** to:

By e-mail: hr@cmpa.org

By mail: Human Resources Specialist
Canadian Medical Protective Association
P.O. Box 8225, Station T
Ottawa ON K1G 3H7

By fax: (613) 725-5133

Website: www.cmpa.org