



# Réseau National Network

BC and Yukon | Prairies | Ontario | Québec | Atlantic

## Short Term Student Job Description Statistical Analyst Position

The National Network of NSERC Chairs for Women in Science and Engineering seeks a student proficient in statistics to gather statistics from Statistics Canada or other sources on the enrollment and participation of women in Science and Engineering higher education programs in Canada.

The NSERC Chairs for Women in Science and Engineering (CWSE) Program has been in place since 1996. The goal of the program is to increase the participation of women in science and engineering. There are five regional Chairs for each of the Atlantic, Quebec, Ontario, Prairies, and British Columbia/Yukon regions. Each program is unique and is tailored to the corresponding region and expertise of the Chairholder. More information on the program is available on the NSERC website:

[http://www.nserc-crsng.gc.ca/Professors-Professeurs/CFS-PCP/CWSE-CFSG\\_eng.asp](http://www.nserc-crsng.gc.ca/Professors-Professeurs/CFS-PCP/CWSE-CFSG_eng.asp)

The current Chairholders are listed here: [http://www.nserc-crsng.gc.ca/Women-Femmes/Index\\_eng.asp](http://www.nserc-crsng.gc.ca/Women-Femmes/Index_eng.asp) where you can link to the regional Chair websites.

The network wishes to hire, on a short term basis, a student with some statistical experience to compile a report of statistics of girls and women's participation in science and engineering. A report similar to the one produced by Engineers Canada (available here: <https://engineerscanada.ca/reports/enrolment-and-degrees-awarded-report>) is sought, mainly for girls and women in science.

### Scope of Work:

- Determine what is available from Statistics Canada in regards to statistics of girls and women's participation in science and engineering.
- If necessary apply for access to Statistics Canada data centre.
- If necessary find or request data from other sources, such as universities across Canada or CAUT.
- Compile and analyze data.
- Write and present a report including graphs and tables.
- Create a visually appealing report and online material.

### Minimum Requirements:

- Enrollment in a Bachelor's degree program, or a higher degree program.
- Experience in statistical analysis and associated software (e.g. SPSS, STATA or SAS).
- Excellent communication skills: verbal, written and presentation.
- Excellent analytical skills.

### Helpful attributes:

- Familiarity with Statistics Canada databases, RDC centres.
- Enrollment in a STEM<sup>1</sup>, Psychology or Sociology degree program.
- A high level of interest for the advancement of women and/or girls in education, STEM education if possible.
- Bilingual in French and English.

Questions? Please contact Prof. Catherine Mavriplis, network manager  
(email: [Catherine.Mavriplis@uottawa.ca](mailto:Catherine.Mavriplis@uottawa.ca)  
please use subject line: CWSE Statistical Analyst Position).

Please submit applications to the CWSE National Network (email: [cwsecfsg@gmail.com](mailto:cwsecfsg@gmail.com)).

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<sup>1</sup> Science, Technology, Engineering and Mathematics