

## Statistical Data Analyst

### Permanent, full-time position

*Your advanced skills and experience in qualitative and quantitative research and analytics are well established, and you welcome this opportunity to play a vital role in supporting Peel District School Board (PDSB) Curriculum and Instruction initiatives through comprehensive research efforts – from the design of school and system-wide surveys, to data interpretation and report preparation.*

Reporting to the Chief Research Officer, Research and Accountability, you will design complex data problems and discover evidence-based knowledge through the use of advanced statistical methods, algorithmic, and visualization techniques. Your proficiency in integrating, preparing, managing and maintaining large, varied datasets, and architecting specialized databases and computing environments will prove indispensable in your role as a Statistical Data Analyst within PDSB.

Working both independently and as part of a team of education researchers, you will identify relevant and available data, design research project analyses and databases, create, select and/or modify evaluation measures, conduct advanced statistical analyses using a variety of procedures and software, and perform rigorous quality control checks to ensure data accuracy and integrity. In the complex, multi-stakeholder environment in which our Board operates, you will combine your analytical skills and knowledge of the Ontario curriculum, as you retrieve and analyze data from provincial and national surveys to further the understanding of issues impacting the Board and our stakeholders. You will also review research literature and current educational research to identify implications of interest to the Board, as well as gather, analyze and interpret data at the school, family of schools, Board, community, regional and provincial levels for future planning.

### EXPERIENCE AND QUALIFICATIONS

A master's degree in Statistics, a related social science discipline, or equivalent, combined with no fewer than 5 years' related experience in a research environment, will have equipped you with the strong analytical abilities and insight this role demands. As a Statistical Data Analyst, you will also put to work the following knowledge and skill set:

- Demonstrated experience and skills in research design and methodology for advanced qualitative and quantitative research and analytics, with a high level of proficiency in statistical analysis, quantitative analytics, multivariate testing, data mining, multilevel modeling, latent variable modeling and various regression models.
- Knowledge of the Ontario curriculum, teaching models, and current resources and documents.
- Good working knowledge of SPSS, EndNote, R, QlikView, GIS software, Access, Excel, PowerPoint and Word.
- Excellent organizational and time management skills for coordinating multiple ongoing projects.
- Excellent written and oral communication skills for report writing and presentations, with attention to detail.
- Ability to work under tight timelines, both as a part of a team and independently.
- Demonstrated commitment to working in a diverse school community and/or work environment.

**SALARY:** \$72,944 – \$91,181 per annum

To apply for the Statistical Data Analyst position, please complete an online application through [www.applytoeducation.com](http://www.applytoeducation.com). Your completed application package on Apply to Education must include your cover letter, resume and supporting educational credentials. **Applications must be received no later than 4:30 p.m., Tuesday, January 22, 2019.**

**The Peel District School Board is one of the largest school boards in Canada, with more than 153,000 students in 253 schools.**

*We appreciate the interest of all applicants, but will only be interviewing selected candidates. For the*

*safety of students, all school board staff need to provide a satisfactory criminal record check prior to commencement of employment.*

*The Peel District School Board is committed to equity in employment. We will provide reasonable accommodation, based on any of the human rights protected grounds, during the hiring process if advised in advance.*