

## **RESEARCH ASSISTANT OPPORTUNITY: ASSESSING TEAM WORK AND ACTIVE LEARNING IN MATHEMATICS**

Simon Fraser University's Institute for the Study of Teaching and Learning in the Disciplines (ISTLD) invites applications for a Research Assistant for the Teaching and Learning Development Grant project, *Use of Team Work and White Boards in Mathematics Tutorials and Seminars: Assessing Various Factors Influencing Improved Quality of Learning*. Read more about the project here: <http://www.sfu.ca/istld/faculty/grant-programs/projects/science/G0303.html>

### **Research assistant responsibilities include:**

- Liaising with ISTLD team;
- Creation of SurveyMonkey survey (questions will be provided);
- Administering feedback surveys;
- Coordinating participation incentives;
- Quantitative and qualitative data analysis;
- Summary of survey data including data visualization;
- Comparison of data from previous surveys;
- Assistance with writing the project's final report;
- Attendance of meetings with project leader/team.

### **Required qualifications and skills:**

- Ability to select and implement meaningful analyses, including appropriate statistical treatment, and effectively communicate the work to the project team;
- Experience working with SurveyMonkey;
- Experience analyzing survey results;
- Academic research and writing skills, as demonstrated by prior completion of similar projects;
- Expertise in qualitative data analysis and coding;
- Excellent interpersonal skills, including strong oral and written communication skills;
- Ability to work independently, productively, and creatively;
- Preference will be given to graduate students currently enrolled in a graduate program at SFU in or related to mathematics, education, or statistics.

### **Experience and skills that would be an asset:**

- An interest in evidence-based teaching and learning, and education in the sciences.

**Rate of pay:** \$20 - 25/hr (incl. vacation and statutory holiday pay, no medical or dental benefits) - based on experience, qualifications and degree program (MSc, MEd, or PhD);

**Appointment duration:** February to April 2020; 60 – 80 hours

**To Apply:** Applicants should submit: (1) a 1-page cover letter structured to address the qualifications, skills, and role responsibilities as listed above, and (2) a 1-2-page resumé with two references listed. These two items should be organized as one PDF attachment and addressed to Dr. N. Kouzniak and emailed to [kouzniak@sfu.ca](mailto:kouzniak@sfu.ca). Note: Letters of reference will only be requested from short-listed applicants.

**Application deadline: January 4, 2019.** We appreciate all replies to this position posting, however, we will only contact short-listed applicants.