

## **Minds in Motion – Spring and Summer Instructor**

**Posting:** Science and Engineering Instructor

**Salary Range:** \$15 - \$16 /hour (commensurate with experience)

**Duration of Employment:** May to August 2020

### **A. NATURE & SCOPE**

Are you currently pursuing a program in Science, Engineering or Education? Do you enjoy working with children and youth? Minds in Motion is currently seeking instructors starting this spring. This position requires dynamic and creative individuals who can engage youth in Science, Technology, Engineering and Mathematics (STEM). The successful candidates will share their knowledge of STEM to youth in Spring Workshops and University of Calgary Summer Camps. Minds in Motion facilitates a fun and exciting work environment with other post-secondary students while inspiring youth ages 5-18! The instructor position will commence in May and finish at the end of August. This position is part-time in May and June, and full-time in July and August. May and June consist of Workshop delivery and camps planning. July and August consist of camp delivery. The position directly impacts instruction of youth in a non-profit organization committed to youth outreach in STEM.

### **B. CHARACTERISTIC DUTIES AND RESPONSIBILITIES**

- Provide instruction to youth from Kindergarten to Grade 12 through classroom workshop presentations, based on Alberta Science curriculum with a co-instructor
- Design lesson plans for children that teach the fundamentals of Science, Engineering, Technology and Mathematics in a fun and interactive way with a co-instructor
- Development of the summer camp project package with a co-instructor. This includes: designing prototypes for age-appropriate, engaging, hands-on STEM projects; completing project write-ups, a project lesson plan schedule; project supply budgeting, preparing supplies/classrooms; and ensuring safety standards are met
- Ensure the safety of the students
- Lead spring/summer workshops and outreach at different schools and Indigenous communities in Calgary and its surrounding communities with a co-instructor
- Lead weekly instruction of groups of summer campers during July and August with a team
- Responsible for supervising campers and ensuring workrooms and camp rooms stay clean daily
- Work collaboratively with other staff to implement the curriculum
- Abide by University of Calgary camp policies and procedures

### **C. QUALIFICATIONS**

- Preference given to undergraduate students in the Faculties of Science, Engineering or Education
- Prior experience with children
- Completion of Grade 12 education required
- Excellent interpersonal and communication skills
- Ability to work as part of a cohesive team, as well as independently
- Strong organizational skills, with the ability to be flexible and prioritize tasks
- Valid Class 5 driver's license (without GDL) is a strong asset

\*Please note that a police security check, CPR/First aid and WHMIS/Safety training will be required subsequent to hiring.\*

**PLEASE SUBMIT RESUME AND COVER LETTER VIA THE LINK BELOW:**

**Julia Sather**

**Program Coordinator**

<https://forms.gle/eTn3UyimoY8FBvy28>