

## Science Engagement Programs - Instructor

*This is a contract position for occasional hours from March 1 to March 20, 2020*

### **Description:**

Science Engagement Programs offers innovative and engaging programs designed to inspire youth and discover exciting topics in science, technology, engineering, and mathematics (STEM). Out of the Faculty of Science at York University, our programs use a discovery and inquiry-based learning approach that is focused on 'learning by doing'. Our outreach model provides students with a chance to work in small groups on a variety of projects that will help foster problem solving, critical thinking, and an overall passion for STEM.

Our programs take place within the Faculty of Science at the Keele Campus of York University, within schools, community centres, and other education institutions. Within the university environment, this gives students the unique opportunity to learn and discover the world of science and engineering. In each of our programs, whether in day-long workshops or week-long camps, we enrich the learning experience with demonstrations from various student groups, faculty presentations, laboratory visits, and hands-on workshops.

Science Engagement Programs is seeking six enthusiastic Instructors to deliver science and engineering based programming to pre-university youth. Instructors will take on leadership roles in the supervision of daily camp programming. Instructors will deliver science and engineering related activities in a safe, organized, and engaging manner to pre-university youth attending all Science Engagement Programs, specifically, March Break Science Camp.

Instructors will also be responsible for the set-up of camp, inventory supplies, post-camp clean-up. Other tasks may be required as assigned by the Manager.

**Location:** York University Keele Campus

**Experience and Education:**

- Exceptional leadership, communication and presentation skills
- Experience presenting dynamic interactive science lessons
- Thorough knowledge and interest in science and engineering
- Must be a current or graduate of a science, technology, engineering, mathematics, or education post-secondary program.
- Demonstrated flexibility, maturity, initiative, and ability to multi-task
- Highly creative and well organized
- Demonstrated experience leading and supervising diverse groups of children (including different age groups, learning abilities/styles, and/or special needs)
- Previous camp counsellor, teaching experience and/or curriculum development is an asset
- Related recreational experiences such as coaching, dramatic arts, etc. are beneficial
- Current Standard First Aid and CPR-C Certification is an asset
- Access to a vehicle and/or a valid Driver's G license and a satisfactory Driver's Abstract will be assets

This position requires the candidate to produce a Vulnerable Sector Check satisfactory to the university prior to commencement of employment.

**Applicants Submit:**

1. Cover Letter (Include your YorkU student number, if applicable)
2. Resume
3. One-Page lesson plan on any science, technology, engineering, or mathematics topic, appropriate for students in Grades 3-8

**Applications will be accepted until the position is filled. Submit your application online at: [scix.science.yorku.ca/join-our-team](https://scix.science.yorku.ca/join-our-team) before January 31<sup>st</sup>, 2020.**

For more information, please contact Science Engagement Programs at 416-736-2100 x 44552 or email at: [explore@yorku.ca](mailto:explore@yorku.ca)