

## Science Engagement Programs Instructor

*This is a contract position for 25-44 hours from May 1, 2022 – August 31, 2022.*

### **Description:**

Science Engagement Programs offer 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 ten enthusiastic Instructors to develop and deliver science and engineering based programming to pre-university youth. Instructors will also take on leadership roles in the supervision of occasional workshops. 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, Science Explorations Summer Camps, Workshops, and other Science Engagement related programming.

Instructors will also be responsible for the set-up of camp (virtual and in-person formats), inventory supplies, post-camp clean-up. Flexible hours based on operational requirements. 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
- 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 counselor, teaching experience and/or curriculum development is an asset
- Related recreational experiences such as coaching, dramatic arts, etc. are beneficial
- Must be a current or recent graduate of a science, technology, engineering, mathematics, or education post-secondary program
- Current Standard First Aid and CPR-C Certification will be required prior to commencement of employment
- 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:**

If you are a YorkU student, please complete the [York University Student Financial Profile](#) before applying.

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.**

For more information, please visit our website: [scix.science.yorku.ca/join-our-team](http://scix.science.yorku.ca/join-our-team). You can contact Science Engagement Programs via email at: [explore@yorku.ca](mailto:explore@yorku.ca).