



Science Quest Instructor Information Package 2013

Science and
Engineering
Summer Camp
and Outreach
Program



Open to male undergraduate students in ANY faculty

*Science Quest is a service of the Queen's Engineering
Society*

You make it
happen.



About

Working at Science Quest is a phenomenal way to spend your summer because you work with a fantastic group of people, create relevant and engaging activities and engage and inspire thousands of youth. More and more, industry employers are looking for skills like teamwork, adaptability, leadership, communication and creativity. Science Quest is the perfect opportunity to develop, refine and demonstrate these essential qualities while applying your academic knowledge.

Science Quest is a not-for-profit, student-run organization at Queen's University. Since our founding in 1988, our goal has been to promote science, engineering and technology literacy using a fun, hands-on approach to learning. Last year we reached over 5500 students in Kingston and the surrounding townships through our in-school workshops, summer day camps, and community outreach programs.

Science Quest delivers on our goal through two important initiatives: workshops and summer camps. During the months of May and June, the enthusiastic team of Science Quest Instructors visit schools all across Ontario, and present exciting 90 minute science workshops to students in grades 3 to 8.

In July and August, Science Quest operates a day camp on campus for the same age group. A variety of programs are offered including science camps, computer camps, all girls camps, and camps with an overnight aspect. Science Quest also delivers outreach camps to children without the opportunity to come to camp in aboriginal and at risk communities to promote science, engineering and technology to ALL youth.

Science Quest is only able to break barriers, inspire and engage youth and deliver the highest quality programming if we hire an incredible instructor team!



You make a
difference.

The Science Quest Team

The Science Quest team is composed to 16 instructors that have the role of overseeing the successful delivery of Science Quest's workshops and camps by developing curriculum, educating and being a role model for the youth. All instructors have a base set of responsibilities and are expected to participate in Science Quest Outreach initiatives and other volunteer commitments.

Workshop Responsibilities (from May to June)

- Developing and delivering relevant, engaging and hands-on workshops for grades 3-8 students in elementary schools all across Ontario
- Occasionally work non-regular hours in order to facilitate transportation to schools

Camp Responsibilities (from July to August)

- Developing, testing, sharing and delivering engaging science camp and computer camp projects, lessons and activities
- Delivering camp projects to campers in grades 4-9 while being a role model and ensuring a positive camp experience

Driver Responsibilities

- To operate our workshop programming, Science Quest needs instructors who are 21 or older and willing to drive to the local communities. Please indicate on your application if you are willing to apply for this responsibility.

15 Week Instructor

The current position open for application is a 15 week instructor. The 15 week instructor begins working on May 13th, finishing on August 30th (there is one week of vacation time during the summer). Preference will be given to applicants who are available for the specified work period. On the Science Quest instructor team, an even number of male and female instructors are required. At this point in time, due to current composition of the instructor team, this position is **open only to applicants who identify as male**.

Please note that we understand that many of our potential instructors are active members of our Queen's community, and as such may have prior obligations at the end of August, such as orientation leaders. Science Quest is able to make allowances for these obligations, and such obligations will not affect your application.

A job designed
for you.



Roles

Science Camp Instructors

Science Camp Instructors work in a team to come up with the curriculum taught in a week of camp and for workshops. We are looking for a group of people with diverse interests, personalities, talents and academic backgrounds. Science camp curriculum covers all topics ranging from biology, geology, physics, chemistry, engineering design problems, health sciences to environmental issues.

Computer Camp Instructors

Computer Camp Instructors develop relevant and engaging curriculum for the computer camp and for workshops. This can include (but is certainly not limited to) game development, photo and video editing, music making, website design, robotics, electrical circuits and anything else!



How to apply

Applications:

Due May 8th, 2013 at 8:00PM. Please submit a complete electronic copy to Mark Godin, Science Quest Director, at scienceq@engsoc.queensu.ca.

Interviews:

Will be held May 9th- 11th. If you have any conflicts during this time, please indicate them on your application.

Questions:

If you have any questions about the position, application, or interview process please feel free to contact:

Mark Godin, Science Quest Director:

scienceq@engsoc.queensu.ca or call the office at (613) 533-6870.

Application Requirements:

Please include the following in your application:

- Resume
- Cover Letter (addressed to Mark Godin)
- Application Form (See Application Package)
- Responses to questions (See Application Package)

Important Dates

Applications Due – May 8th

Interviews – May 9th- 11th

Work begins – May 13th

Full time work ends – August 30

For More Information

www.sciencequest.ca
<http://engsoc.queensu.ca>

Good Luck and Have Fun!