

seed2STEM summer research program for Indigenous youth

Are you a high school student from an Indigenous background?

Are you interested in studying science and doing research?

seed2STEM offers Indigenous high school students from grades 9 to 12 paid, six-week summer research internships on a variety of STEM (science, technology, engineering, math) topics. We are hoping that this experience in a research environment might inspire you to go on in the sciences, and maybe consider further studies or a career in science, medicine, engineering, math, and other STEM fields.

Program start date: July 2, 2024 • **End date:** August 9, 2024. In addition, a **pre-program workshop** will take place in May / early June.

Earn \$2,515 (5 hours/day at minimum wage), with transit passes for July & August, snacks, and some lunches provided. **Location of projects:** Vancouver or Kelowna.

How to apply: please complete this form and return it by email to admin@icord.org.

Application deadline: April 2, 2024.

Your Name: _____

Current grade: _____ **School:** _____

Email address: _____ **Phone number:** _____

School contact (teacher, counsellor, Indigenous support staff):

Name: _____ **Title:** _____

Contact (phone or email): _____

- Please complete the questions on pages 2-3.
- Please review and sign the consent form on page 4.
- Note: if you are accepted to this program you may need to provide proof of COVID-19 vaccination.

For more information, see icord.org/issp/, email summer@icord.org, or call 604-675-8830

seed2STEM is organized by 

with the generous support of



FACULTY OF MEDICINE


Vancouver
Coastal Health
Research Institute

SBME  UBC

 Gynecologic
Cancer Initiative

There are a lot of questions here! We're not concerned about your writing skills, we just want to know a bit about you. If you prefer to answer over a Zoom call, let us know and we'll set one up (summer@icord.org / 604-675-8830).

Please answer the following questions:

For which site do you wish to be considered?

☐

Vancouver

☐

Kelowna

What is your favourite subject in school? Why?

Have you taken any science courses in school?

☐

No

☐

Yes: _____

What do you like to do for fun? What are your hobbies?

Which areas of research particularly interest you (choose as many as you like)?

☐

Biomedical engineering: *application of engineering principles to healthcare solutions, including medical devices and systems.*

☐

Laboratory science: *research conducted in lab settings, possibly including molecular biology, chemistry, etc.*

☐

Clinical research: *focus on patient-oriented research, including health outcomes and approaches to patient care*

☐

Data science/math/computer science in medicine: *data analysis, statistics, mathematical and computer modeling in medical research.*

☐

Medical Imaging: *Exploration of technologies like MRI, CT scans, and ultrasound used in diagnosing and treating disease.*

☐

Rehabilitation/Exercise Science: *Study of physical therapy, sports science, and methods to improve mobility and health.*

☐

Other (we will do our best to find a project in this area for you): _____

☐

Not sure yet (which is totally fine!)

Have you had a job before?

☐

No

☐

Yes: what did you do? _____

Are you available to work 25 hours a week between July 2 and August 9?

☐

Yes

☐

No

Sometimes you might need to start early or stay late to work on a time-sensitive experiment. Do you have any other commitments in the summer that might make this a problem?

☐

No

☐

Yes: _____

What are your future plans? What careers excite you?

What do you hope to learn or get out of the experience of working in a research lab for the summer?

Is there anything else you want to tell us about yourself that might help us match you with research projects / labs?

Do you have any questions for us?

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We are excited about your interest in participating in seed2STEM. As a condition for participating in this program, you agree as follows:

1. You are/will be 15 years of age or older this year, and legally entitled to work in Canada.
2. You identify as Indigenous (First Nations, Inuit, and/or Métis)
3. You consent to participate in research activities in ICORD, School of Biomedical Engineering, Gynecologic Cancer Initiative, and Faculty of Medicine laboratories at the University of British Columbia.
3. There are a variety of projects in which you might participate during this program, some of which may take place in discovery science or engineering laboratories. ICORD and School of Biomedical Engineering, Gynecologic Cancer Initiative and UBC Faculty of Medicine faculty, staff, and students will take reasonable precautions to keep you safe, including providing appropriate supervision, laboratory and chemical safety training, and personal protective equipment. However, please be aware that your participation in this program may expose you to potential hazards associated with a typical research lab environment (for example: chemicals, sharps, allergens etc.).

Student name: _____

Student signature: _____ Date: _____

Parent / Guardian name: _____

Parent / Guardian signature: _____ Date: _____

Parent / Guardian contact: _____
phone email

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