Mitacs

Funding Opportunities

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June 20, 2022

Presentation Overview

1) Introduction – what is Mitacs?

2) Research Funding Programs:

- Accelerate

- Business Strategy Internship

- Elevate

- Globalink

3) Mitacs/SSHRC Partnership

4) Project Examples

5) Questions

PURPOSE

Mitacs **empowers** Canadian innovation through partnerships that deliver solutions to our most pressing problems. We drive economic growth, productivity, and meaningful change to improve quality of life for all Canadians.

MISSION

Mitacs is a **catalyzing force** in the Canadian innovation ecosystem. We will build a world-class, diverse community of innovators through our collaborative model, attracting and deploying top talent to industry, and matching need with expertise to create ambitious solutions to real-world challenges.

VISION

Canadian innovation will create change that **transforms** the world.

Mitacs has the experience

Mitacs is an independent,
not-for-profit organization that
fosters global impact and innovation

155
post-secondary partners
in Canada

20+ years in operation

9,800+
partner organizations

65,000+
internships

300+ staff, **30+** offices, **4** regional hubs:
Vancouver | Toronto | Montréal | Ottawa

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Our Program Objectives

Promote high-quality **research**

Attract new **funding**

Support **flexible** and **collaborative** research initiatives

Increase **professional opportunities** for students & researchers

Support **all** disciplines

The benefits to you

✓ Support students and postdoctoral fellows without using existing budgets

✓ Additional exposure and knowledge, enhancing your students' education

✓ Publication rights maintained

✓ Access to large/real data sets

✓ High application success rate

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June 20, 2022

Our Collaborative Research Programs

ACCELERATE
....

National and international research collaborations

ELEVATE
....

2-year postdoc research collaborations + training

BSI
....

Collaborations to drive innovation outcomes

GLOBALINK
....

International exchange of students to and from Canada

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Accelerate & BSI

Mitacs Accelerate

Applied research collaborations between academics & Canadian and international organizations including public, private and not for profit partners

Mitacs' most frequently used program

Projects that help solve a challenge identified by the partner and generate new knowledge for the academic discipline.

Open to all academic disciplines at institutions across the country

No competition: Applications are accepted **any time**

Review timeline: 6-8 weeks

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Mitacs Business Strategy Internship (BSI)

Innovation collaborations between academics & Canadian organizations including public, private and not for profit partners

A new program to complement Accelerate and expand support for the innovation continuum

- Overcoming barriers to market entry
- New perspectives & solutions for community and societal issues
- Challenging conventional ideas and established practices
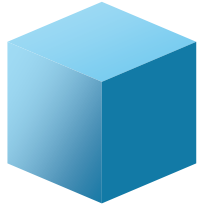- Organizations partnering together in a new way or with new goal

Open to all academic disciplines at institutions across the country

No competition: Applications are accepted **any time**

Review timeline: 1 month

June 20, 2022

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Project structure (Accelerate & BSI):

An intern spends a minimum of 4-to-6 months — or one module — on a project.
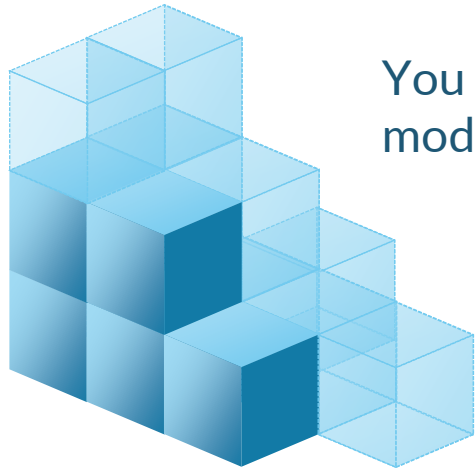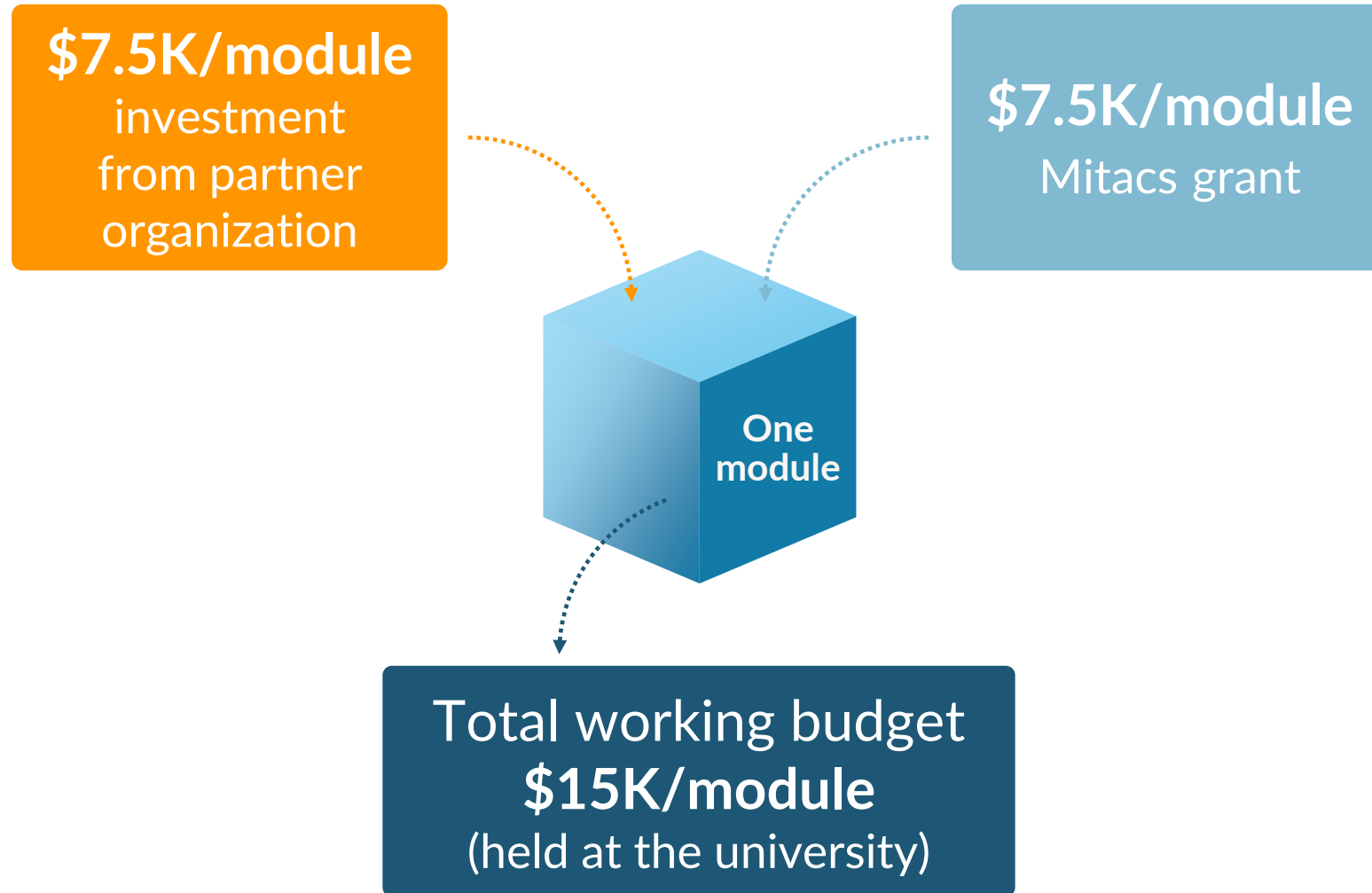
You can have as many modules as you need.

The intern spends a minimum of **25% of their time** at each site (post-secondary institution & partner organization)

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Standard Partner Contribution (Accelerate & BSI):

$7.5K/module
investment
from partner
organization

$7.5K/module
Mitacs grant

One
module

Total working budget
$15K/module
(held at the university)

Accelerate & BSI: timelines

Researchers can do multiple 4- to 6-month modules

- Master's up to **4 modules**
  (over a 16–24 month period)

- PhD's up to **8 modules**
  (over a 32–48 month period)

- PDFs up to **9 modules**
  (over a 36 month period)

- Recent grads up to **3 modules**
  (over a 12-16 month period)

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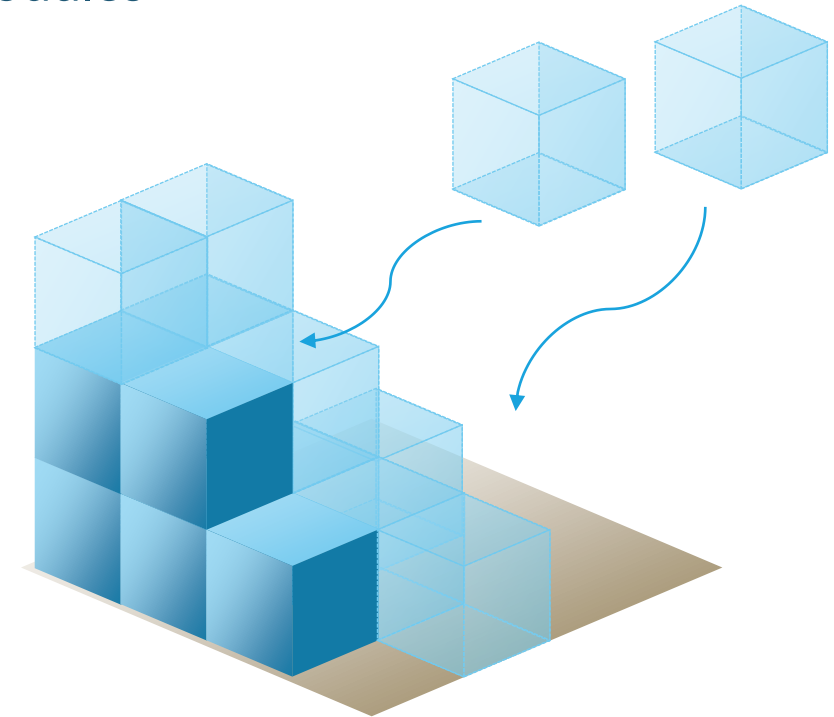
Project Examples: OISE

'Expanding Web-Based Educational Opportunities for Canadian Students in STEM'

Partner: Binogi Studios
Program: Accelerate

'Measuring What Matters in Education'

Partner: People for Education
Program: Accelerate

'An Exploratory Study of Asian International Students Experiences in Ontario Schools'

Partner: View-Wide International Education Group
Program: Accelerate

'Numeracy Practices in Contemporary Curriculums: Exploring the Benefits of an Online Digital Technology'

Partner: Maplesoft
Program: Accelerate

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Elevate

Mitacs Elevate

Postdoctoral fellows transform research into long-term commercial value for the partner

Two-year collaborations for postdoctoral researchers

Professional training in management, communications & leadership

Thematic call for priority sectors

Research collaborations with private sector or non-profit partners

Applications selected via **competition**

Mitacs Elevate

Salary/stipend for postdoctoral fellow

$70,000

per year for two years

Other expenses
$10,000
per year for two years

Value of training program
$4,000
per year for two years

Annual Contributions*

$40,000
from partner

$40,000
from Mitacs
(+$4,000 value in training)

*per year over two years

Globalink

Mitacs Globalink Research Programs

University-University collaborations across all disciplines

Open to senior undergraduate and graduate students, and postdoctoral fellows

50+
eligible countries

12–24 week
research project abroad

Globalink Research Award (GRA)

- $6K grant to support student travel to and from Canada
- Academic supervisor in both home and host country

Globalink Research Internship (GRI)

- Internship for undergraduate students in partner countries
- Supervised by faculty at Canadian host university

Mitacs-SSHRC Partnership

Mitacs & SSHA

Over $45M in funding to SSHA Projects in the past 9 years

SSHA = 16% of all Mitacs projects in 2020

New initiatives & expanded eligibility = more opportunities for SSHA research

- Municipalities pilot (fall 2020) = **27%** SSHA

- Call for Indigenous projects (winter 2021) = **52%** SSHA

- Scotiabank Economic Resilience Research Fund (winter 2021) = **75%** SSHA

Deliberate & Strategic Growth for SSHA Research

We are working to better facilitate the connections between SSHA researchers and partner organizations to tackle complex challenges

- Year over year growth

- Expanding eligibility:
    - Municipalities & Hospitals
    - Undergraduate students & recent graduates

- Business Strategy Internship
    - Expands project scope & open to all disciplines

- SSHA Engagement Strategy

- **Partnerships with SSHRC**

Mitacs-SSHRC Streamlined Application

Grow your **SSHRC Partnership Grant**, **Partnership Engage Grant** or **Insight Development Grant** to expand the scope of your research

- Increase the budget and outcomes for your approved SSHRC project by submitting a **Mitacs Accelerate** proposal
- Benefit from a streamlined review process at Mitacs

SSHRC ≡ CRSH

*Note:
- Mitacs projects must include additional deliverables and partner matching funding
- Total Mitacs project value/duration cannot exceed total SSHRC award value/duration

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Grow your ...
Insight De...

- Increase t...
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 *Note:

- Mitacs pro...
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Mitacs Accelerate Proposal Streamline Application

Mitacs-SSHRC joint initiative

2. Description of Proposed Research

2.1.   **Project title:**

2.2.   **Background** and review of relevant prior work (minimum 500 words):

   a.   Include a brief overview of the research being undertaken as part of your network/partnership grant and its objectives.
   b.   Provide a background for the proposed Mitacs project.
   c.   Explain how the Mitacs project complements the research being undertaken as part of your network/partnership grant.

2.3.   **General objective** of the research project broken down into sub-objectives, activities, themes, or subprojects, as applicable. Include an explanation of how these objectives contribute to the objectives of the SSHRC-approved research project described in the background section:

2.4.   **Details of internships or subprojects:**

   For each intern or subproject, provide the following mandatory information:

   a.   Name of intern.
   b.   Specific objectives of the internship or subproject. Clearly state your [sub-] objectives so reviewers can assess if they are achievable.
   c.   Methodology. Provide enough detail so reviewers can determine if the proposed methodology is appropriate and sufficient to achieve the [sub-] objectives.
   d.   Timeline. We suggest using a Gantt chart to provide a timeline showing which task will be done when to achieve each objective.
   e.   Expected deliverables. Each project requires the submission of a completed Mitacs Final Report and Mitacs survey at the end of the project. Please describe the additional expected deliverables of the project i.e. expected outcomes, results, documents (intern's thesis, peer-reviewed journal, conference presentation).
   f.   Benefits to the intern.
   g.   Interaction. Indicate the percentage (%) of time during the project that the intern will spend on-site at the partner's location and at the university. Research should be carried out equally (50%) in the premises of the partner and the university, if different, please include a justification. NOTE: The minimum interaction at either site is 25% with a maximum of 75%.

   % of partner interaction: _____ % + % of academic interaction: _____ % = 100%

   h.   Justification for an interaction other than 50/50
   i.   Partner Interaction.

      (1)   Provide a detailed description of the activities that will be performed on-site at the partner organization and the expected interaction with and supervision by employees of the partner organization.

      (2)   Indicate the resources the partner organization will be providing to support the intern's work at their premises. Include information about space, resources and expertise that will be provided by the organization to the intern.

2.5.   **Relevance** to the partner organization and to Canada:
   Describe the partner's proposed role in the project, how the partner will benefit from participating, and how the Canadian community will benefit from this research.

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Project Examples: Mitacs-SSHRC

'IMMERSe Gamification and Organizational Development'

Partner: ODScore
Program: PG + Accelerate

University of Waterloo

'Accelerating the Market for Green Urban Housing '

Partner: Domicile Developments
Program: PG + Accelerate

Carleton University

'Integration of socio-physiological sensors to estimate team functional state in mobile command and control'

Partner: Thales Canada Inc.
Program: PDG + Accelerate

Université Laval

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Bonus: How to find a partner organization

Securing a Project Partner

Step 1:

Speak with your professor/advisor & utilize dept resources

Step 2:

Look at Mitacs' OPEN projects

https://www.mitacs.ca/en/programs/accelerate/open-projects

Step 3:

Look at Mitacs' PAST projects

https://www.mitacs.ca/en/projects
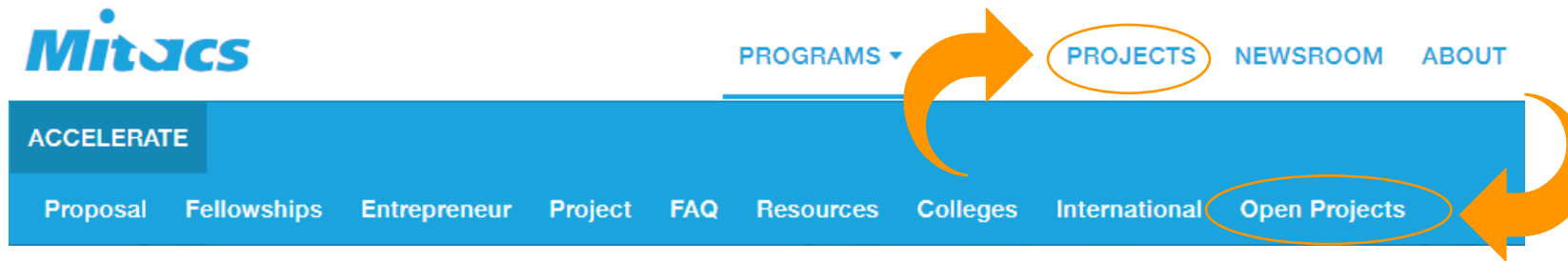
Step 4:

Do your own outreach!

Current Openings (Education)

Pathways to Teacher Training in Rural, Remote, and Indigenous Communities - ON-677

Project type: Research

Desired discipline(s): Education, Social Sciences & Humanities

Name of company: Pinnguaq

Estimated length of project: Flexible

Preferred start date: 09/01/2022

Location(s): Lindsay, ON, Canada; Canada; Canada

No. of positions: 10

Desired education level: Undergraduate/Bachelor

JUMP Math PreKindergarten Math Supplement: Professional Learning for Early Childhood Educators and Supports for Parents of Preschool Children - ON-585

Project type: Innovation

Desired discipline(s): Computer science, Mathematical Sciences, Design, Social Sciences & Humanities, Education

Name of company: JUMP Math

Estimated length of project: 4 to 6 months

Preferred start date: 08/01/2022

Location(s): Toronto, ON, Canada; Canada; Canada

No. of positions: 1-2

Desired education level: College, Undergraduate/Bachelor, Master's, PhD, Postdoctoral fellow

You've secured a partner...

What's required for an application?

1) Research Proposal

    I.   Background

    II.   Objectives

    III.   Methods

    IV.   Timeline

    V.   Deliverables

+

    i.   Benefit to the intern
    ii.   Partner interaction
    iii.   Relevance to the partner

2) Budget

3) CV's

Summary

- Research Funding Programs:
    - **Accelerate** = research focused
    - **Business Strategy Internship** = innovation/development focused
    - **Elevate** = PDF fellowship
    - **Globalink** = international; student driven
        - **GRA** = support existing students
        - **GRI** = recruit new international students

- Mitacs-SSHRC Partnership

- How to find a partner organization

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Thanks to our funding partners.

Thank you for your interest!

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Questions?