



# Funding for Collaborative Research

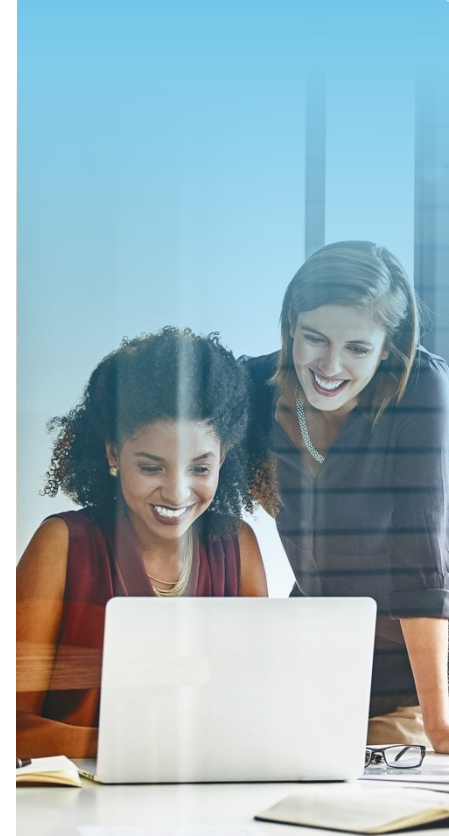
November 24, 2021

Libby Carew: [lcarew@mitacs.ca](mailto:lcarew@mitacs.ca)

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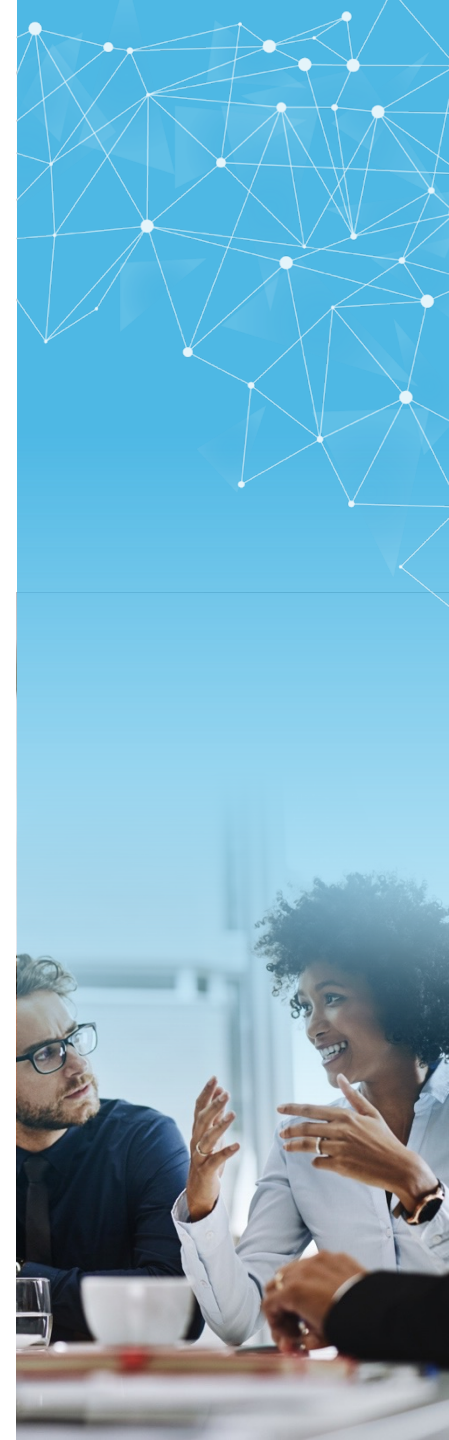
## 7 in Atlantic





# About Mitacs

- Mitacs is a national, not-for-profit that funds research and innovation
- \$708M/5 year budget
- We connect **industry** with researchers (prof + student) to solve industry challenges
- Mitacs provides matched funding; **starts at \$15k**
- Shortest project is **4 months long** (single internship)
- Creates opportunities for undergrads, graduate students, PhDs, and recent grads to work on real world projects
- **International students** are covered under study visa to do Mitacs
- Always need an external industry partner for Mitacs

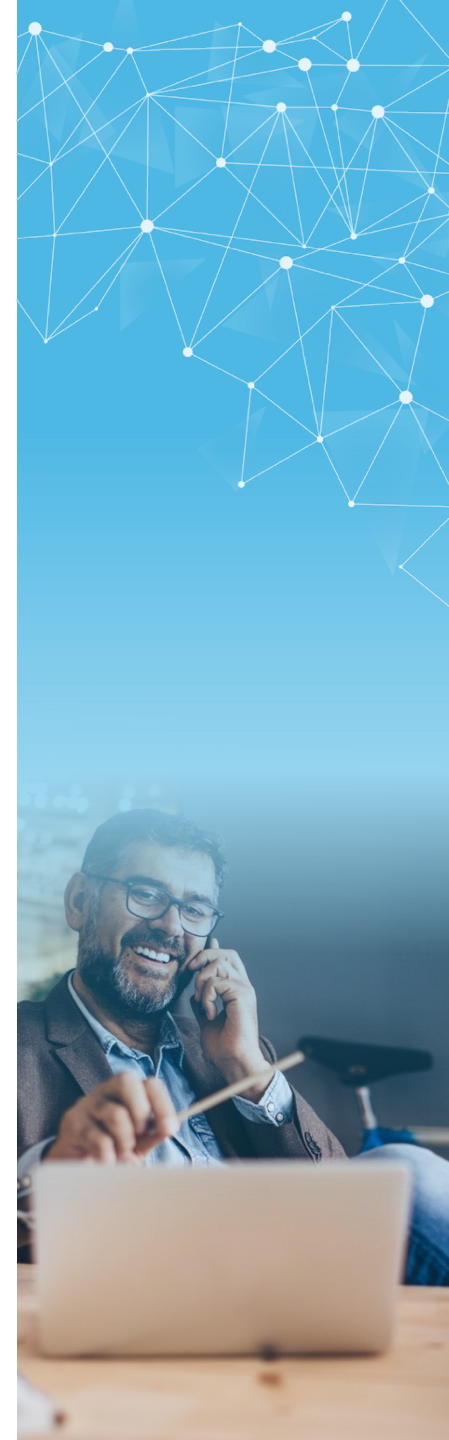
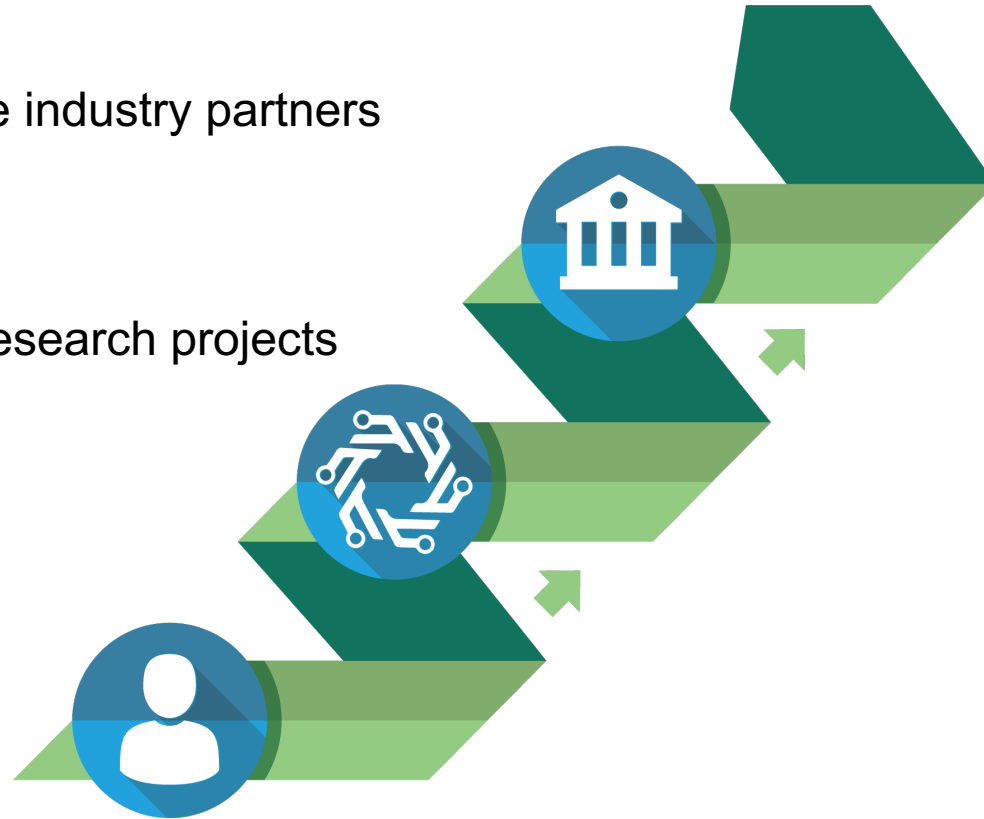


# Academic Opportunities

Establish a relationship with future industry partners

Build a roadmap that can inform new research projects

Grow your research team; publish





# Our popular programs

## **Accelerate**

For research  
collaborations

.....

## **Accelerate Entrepreneur**

Funding for start-ups  
started by student

.....

Need to be based at an  
incubator

## **Accelerate Fellowships**

Longer term support for  
Master, PhD students and  
Post Doctoral Fellowships

## **Indigenous Pathways**

.....

Projects to support  
indigenous  
participation.

## **Business Strategy internship (BSI) new!**

- For students with an organization needing consulting
- 4-month paid internship at \$10k or \$15k
- Student takes on an innovation project

## **NSERC Alliance and Mitacs**

**Joint application for new  
NSERC applications**

# 1. Accelerate Funding

Funding for research collaboration between industry partner and Memorial



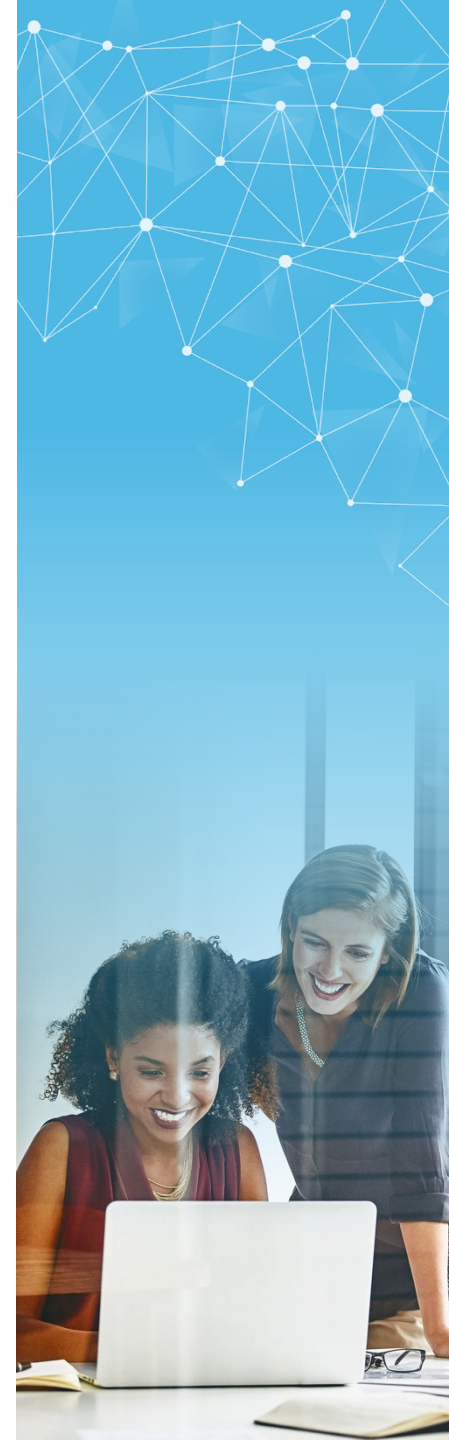
Intern can be a FT student or **recent grad**  
Need an academic supervisor to sign

Students do internships on site for 25-50% of their time working with industry partner

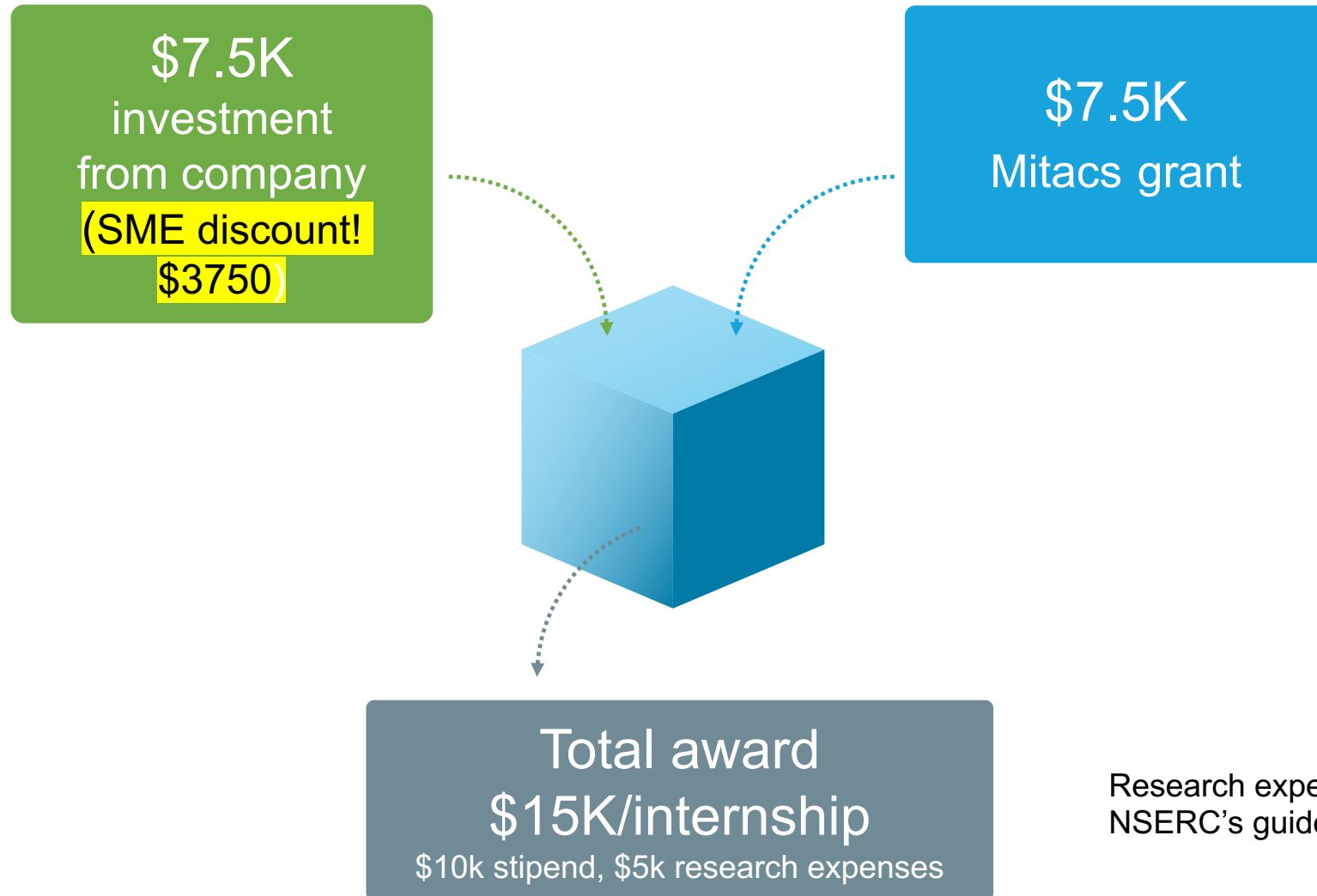
Define a research challenge



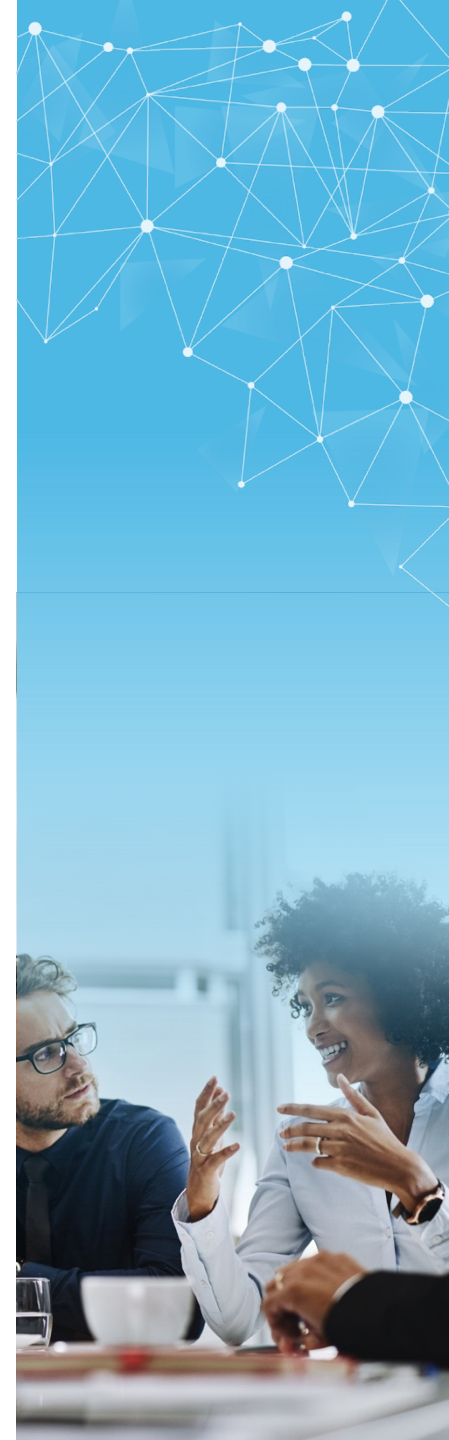
No deadline or competition: Proposals accepted **any time.**



# Mitacs Accelerate (4 or 6 month project)

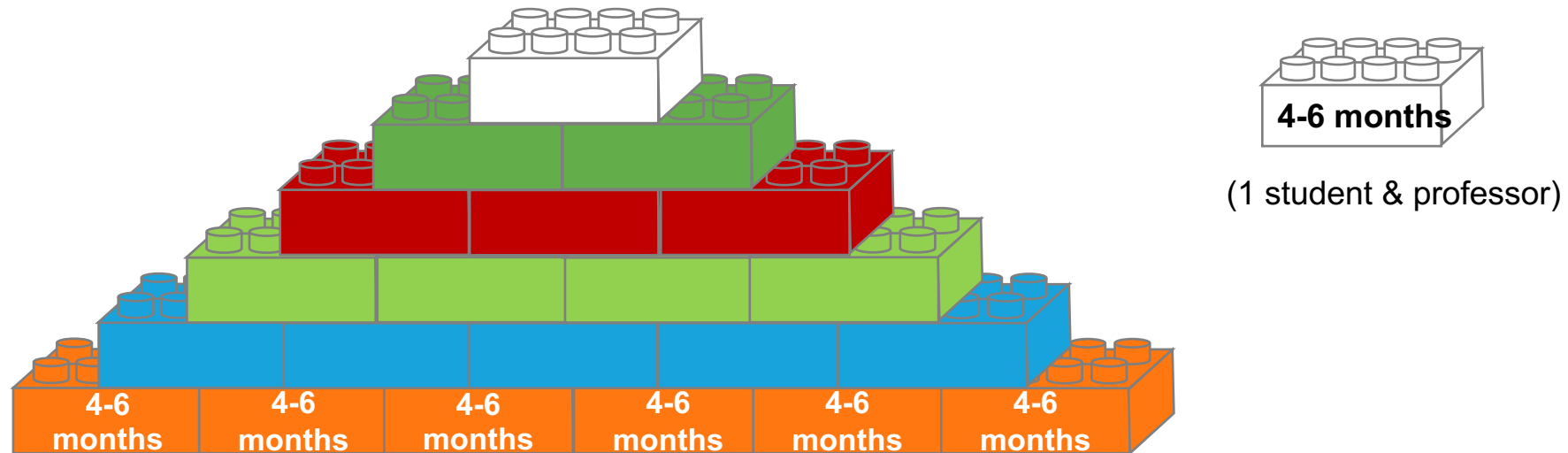


Research expenses:  
NSERC's guidelines





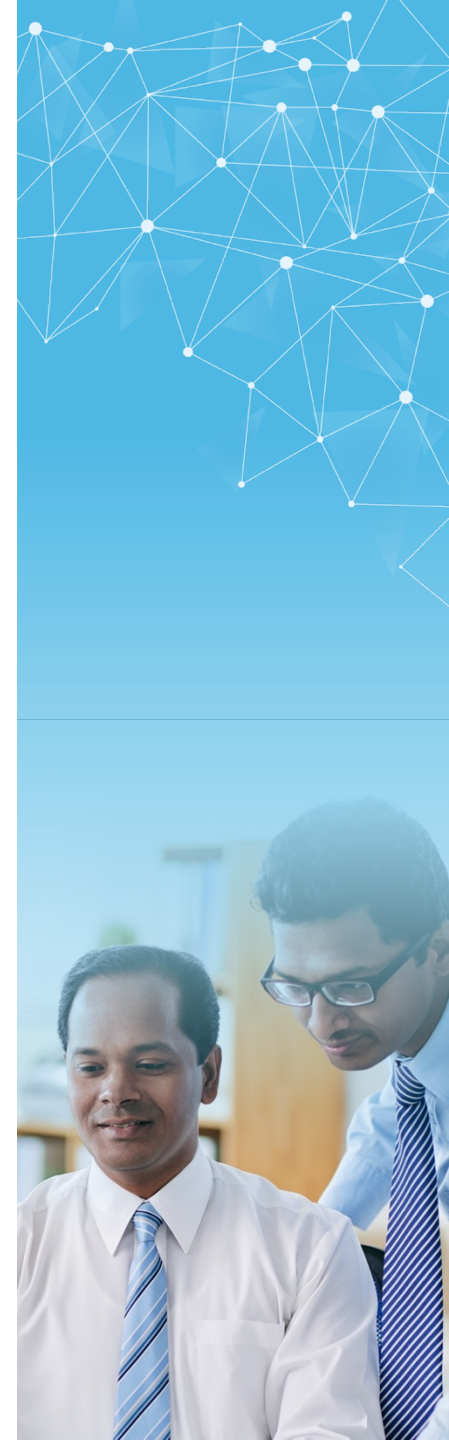
## Scalability: build larger research project



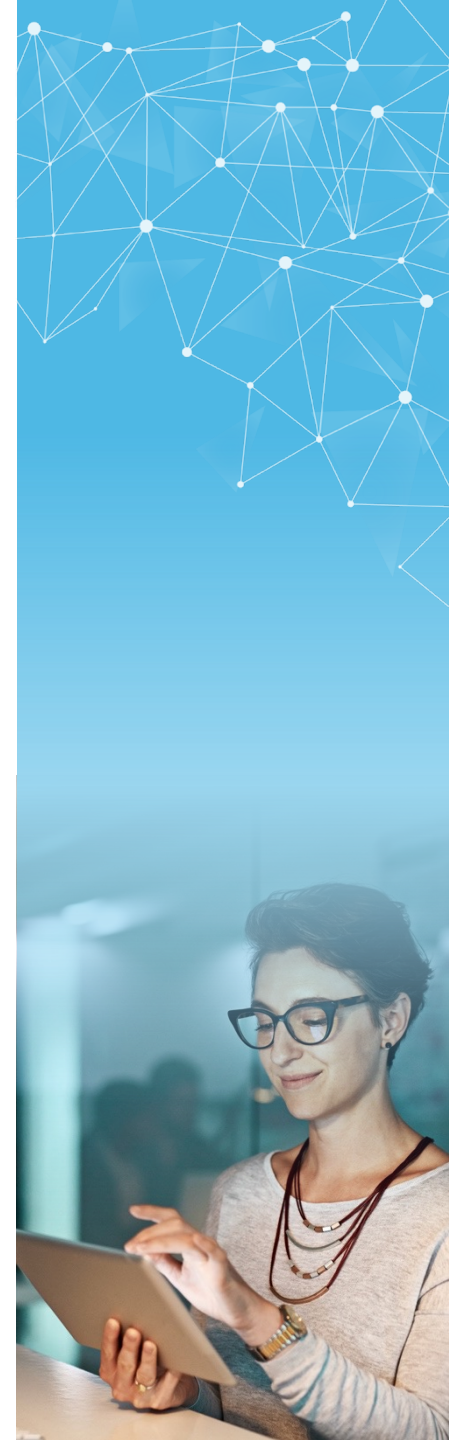
- ➔ Can build bigger projects from simple 4-6 month internships
- ➔ Industry's \$7,500 contribution becomes \$15,000 grant
- ➔ Better leveraging for projects with 6+ interns
- ➔ Projects can span multiple academic institutions (in Canada and abroad), partners and disciplines
- ➔ SPECIAL: Company: \$3750 + Mitacs: \$11,250 = \$15k

# Eligible Industry Partners?

- Business with an office in Canada
- International for-profit organizations
- For-profit and some Crown corporations
- Domestic or foreign-owned
- Eligible not-for-profits
- Hospitals
- Municipalities



# Industry Partners





## 2. Accelerate Entrepreneur

student-led ventures

# Components

## Funding for businesses led by FT graduate students

**\$7,500\***

per 4-6 month block is matched by  
Mitacs

Work on a research project related to  
your own venture!

\* SMB special: 75% discount TBD

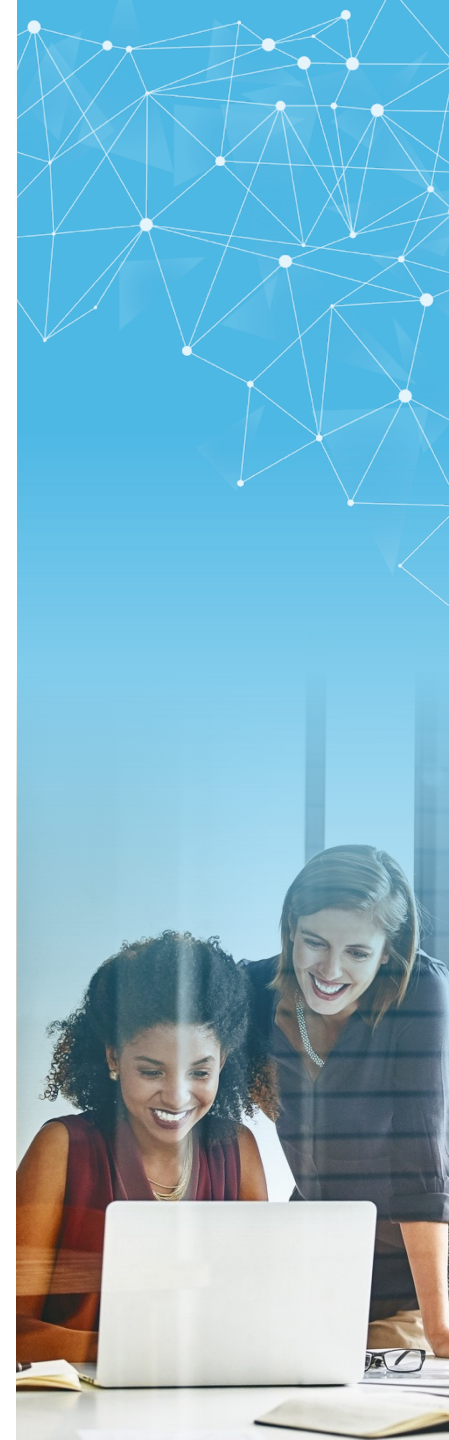
Must be at eligible incubator:  
CSE, MCE, Genesis Centre or  
Bounce

Must be an incorporated  
company and at least 20% of  
shares to be held by non-  
relatives

### A Flexible and Scalable Funding Option

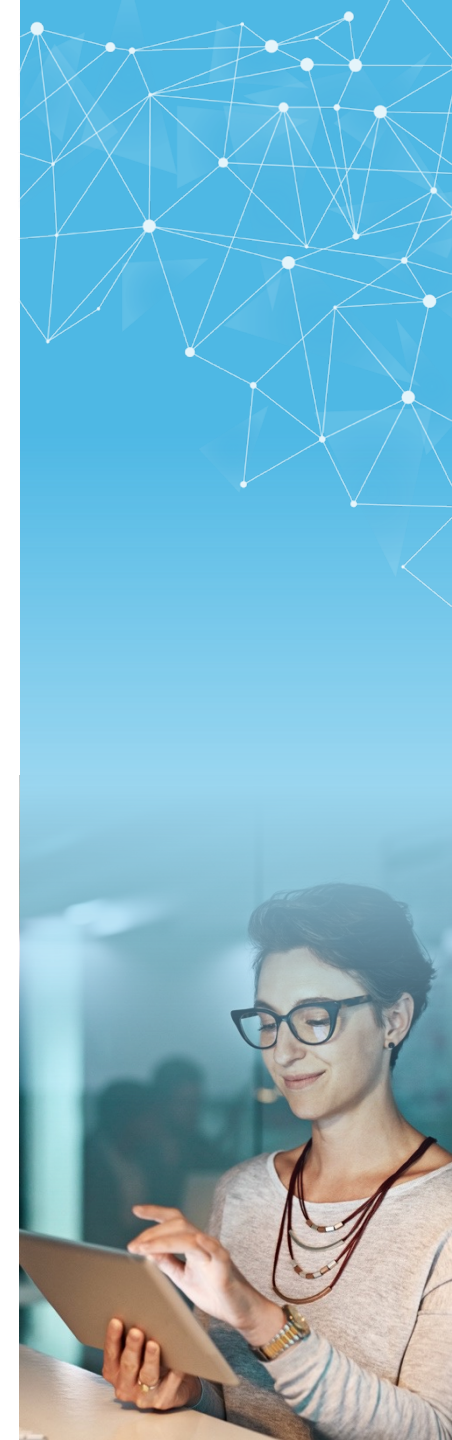
Make your company's limited budget go farther:

- Applications are accepted anytime
- Funding decision in 6-8 weeks
- Projects start at 4-months and can be scaled up depending on  
your business' needs



# Application Process

- Involve Mitacs in the early conversation re your research project.
- What type of research do you want to do for your business?
- Complete the Mitacs application
- Need a Faculty Advisor to sign it.
- Submit for peer review
- Takes 4-6-8 weeks for peer review
- Mitacs bills you \$7500, add our \$7500 and sends the \$15k to MUN FBA.
- Internship starts
- Masters students can do 4 internship blocks; need to be FT student







# Mitacs Entrepreneur International



**Mitacs**

### 3. Accelerate Fellowships – Masters, PhD and PDFs

Duration: 18-24 months for Master, 36-48 months for PhD, and 1,2,or 3 years for PDFs

#### **Master Fellowship:**

**18 month – \$40 000 (Partner: \$18 000, Mitacs: \$22 000)**

Stipend: \$30 000 min. | Expenses: \$10 000 max.

**24 month - \$53 333 (Partner: \$24 000, Mitacs: \$29 333)**

Stipend: \$40 000 min. | Expenses: \$13 333 max.

#### **PhD Fellowship:**

**36 months \$80 000 (Partner: \$36 000, Mitacs: \$44 000)**

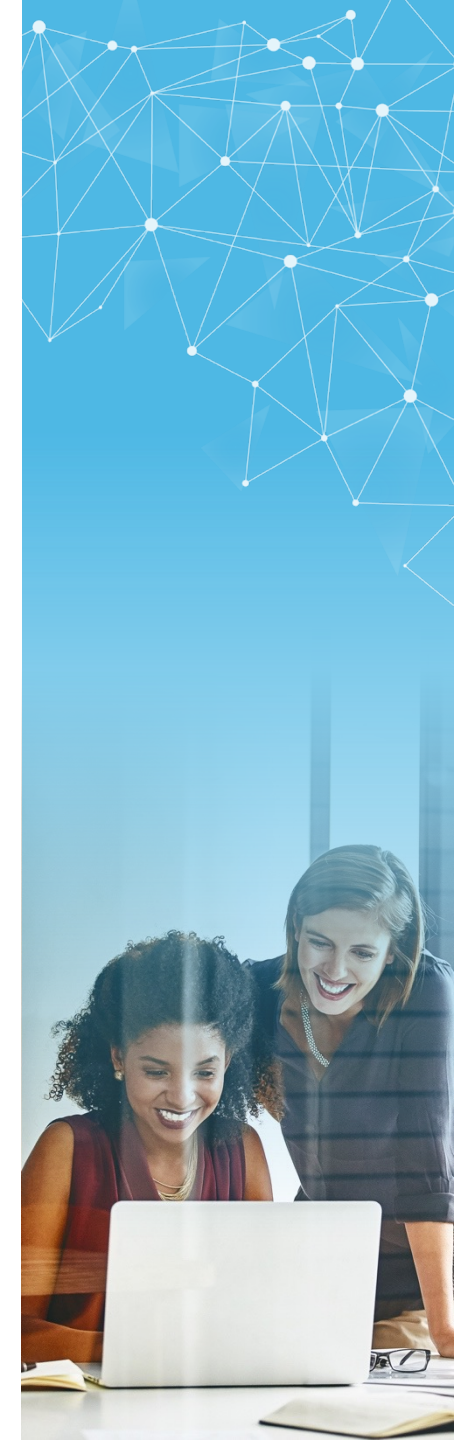
Stipend: \$60 000 min. | Expenses: \$20 000 max.

**48 months \$106 666 (Partner: \$48 000, Mitacs: \$58 666)**

Stipend: \$96 000 min. | Expenses: \$10 666 max.

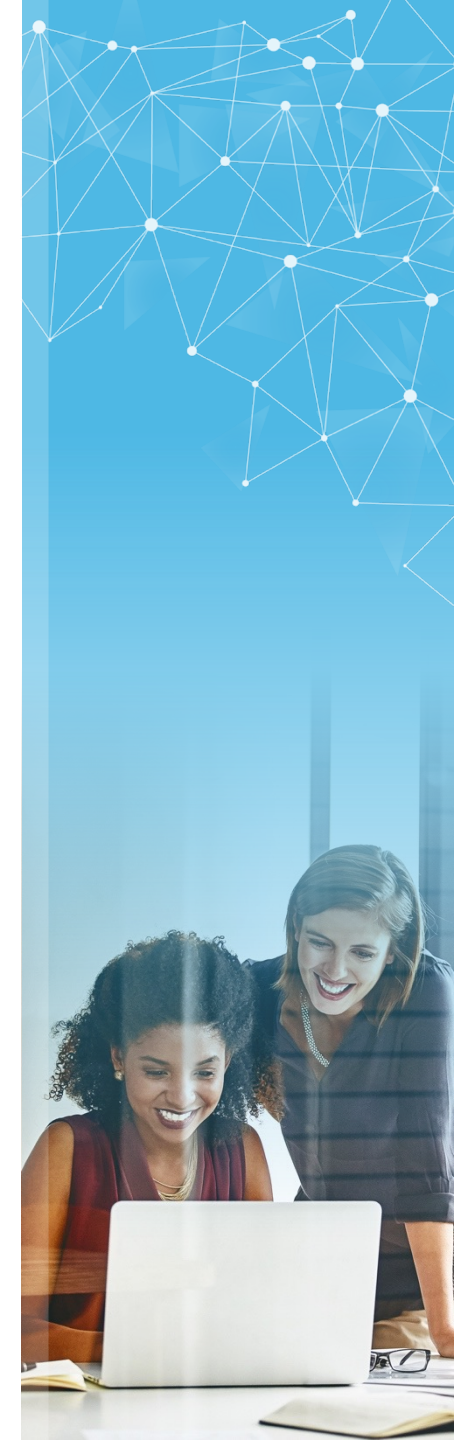
**Post Doc Fellowship: \$60 000 annually (Partner: \$30 000, Mitacs: \$30 000)**

Stipend: \$50 000 min. | Expenses: \$5 000 max.



## 4. Indigenous Pathways

- 1) Indigenous Industry Partner (Must be 50%+ Indigenous Owned)
- 2) Indigenous NFP (Must have 50% or more Indigenous Board Members OR an Indigenous Mandate)
- 3) Indigenous Intern





### 3. Business Strategy Internship **New!**



Canadian students can  
help Canadian businesses  
recover quickly

**Mitacs**

**Mitacs**

# Business Strategy Internship (BSI) - consulting

Provides businesses and NFPs with a student on a 4-months innovation project to help the company with its business operations.

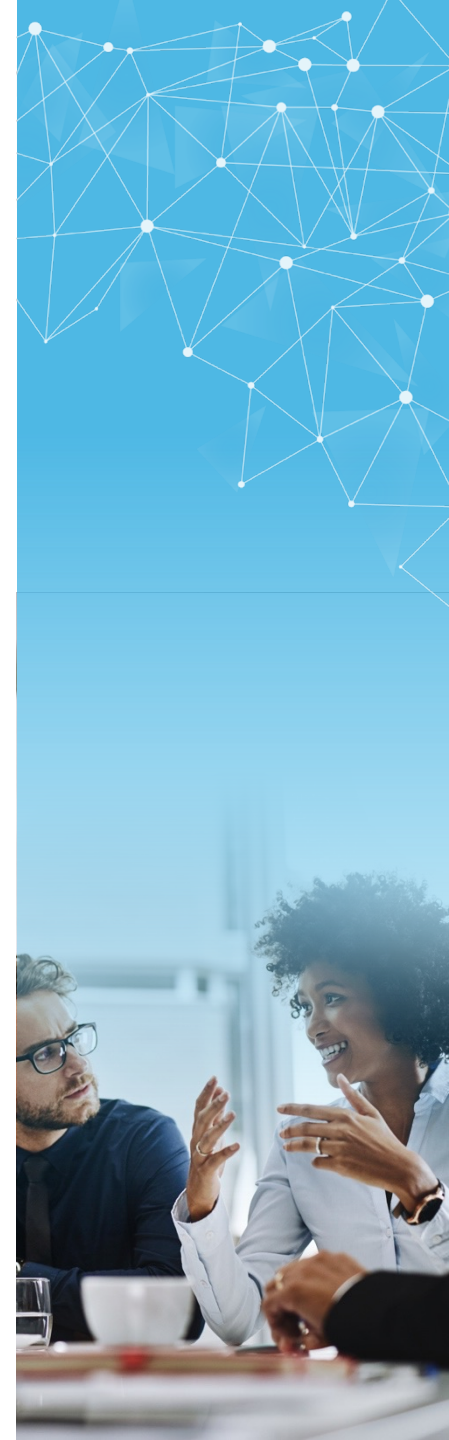
Project needs to be innovation based – a pivot or trying something new.

**Company: \$2500** + Mitacs: \$7500 = \$10k paid to intern to do the project. Student is paid from MUN; no onboarding or extra HR costs.

Examples of BSI projects include:

- New market development opportunities
- Development: building, creating, making and improving...
- Assessment of HR needs in Covid era
- Supply chain analysis and developing new partnerships

Application deadline: open





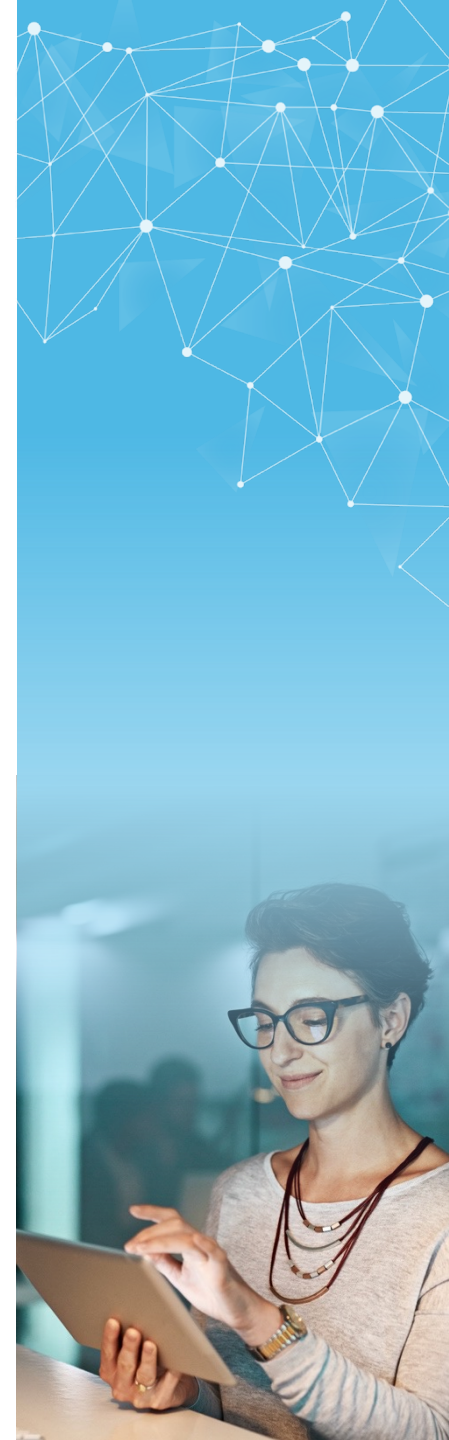
## 6. Collaborative projects with NSERC Alliance



# Mitacs and NSERC: working together



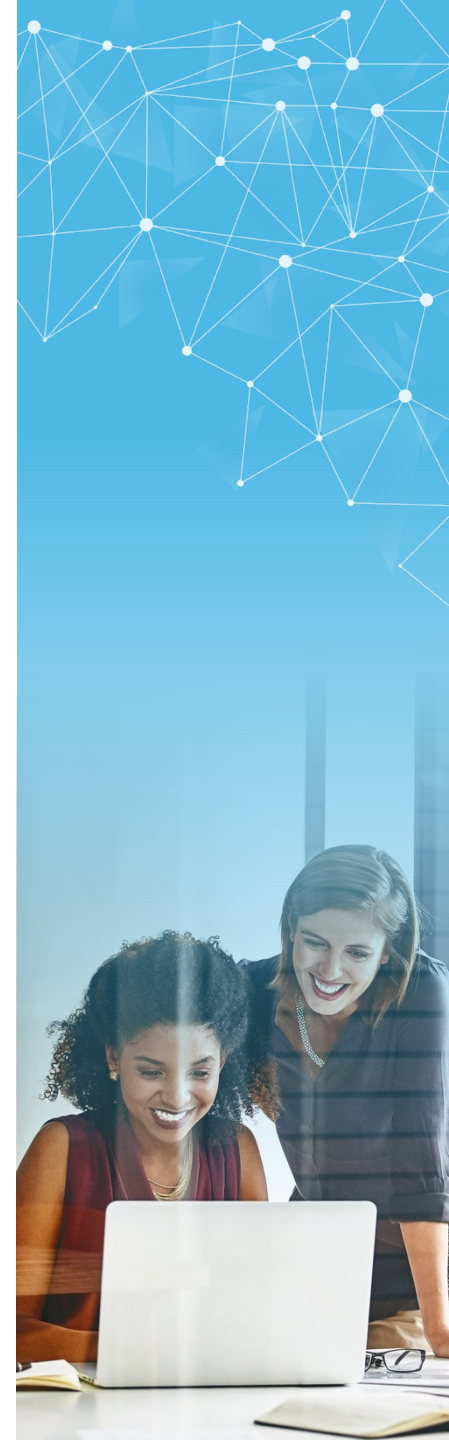
Together, **Mitacs** and the **Natural Sciences and Engineering Research Council of Canada** are working to **develop** and **co-fund collaborative projects** between post-secondary institutions (PSIs) and partner organizations.





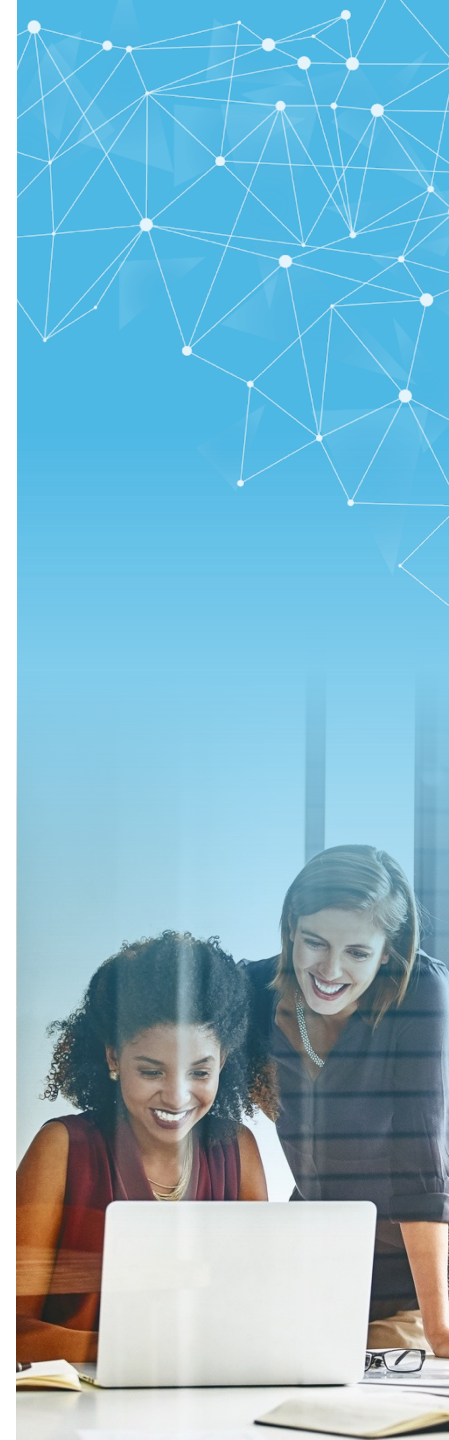
# The details

- Available for **Alliance Option I** only
- Applicants must meet **both** NSERC and Mitacs eligibility and merit criteria
- Applies to **new** submissions only



# The benefits

- Boosts research and innovation by **leveraging** the resources and **funding** of both organizations
- Supports **innovation-focused, work-integrated learning** for university students, graduate students, and post-doctoral fellows
- **Reduces** administrative burden on applicants: only **one joint application** is required
- **Industry** funds recognized towards the **global budget** of joint applications



# NSERC Alliance Grants (Option I)

<b>Discipline</b>	<ul style="list-style-type: none"><li>• Supports natural sciences and engineering</li></ul>
<b>Program Goals</b>	<ul style="list-style-type: none"><li>• Supports strong, complementary, collaborative teams</li></ul>
<b>Value</b>	<ul style="list-style-type: none"><li>• \$20K-\$1M/year, over 1-5 years</li></ul>
<b>Cost-Sharing</b>	<ul style="list-style-type: none"><li>• 1:1 for large organizations</li><li>• 2:1 for SMEs or cross-sector partnerships</li><li>• Calculated based on the sum of cash contributions from all recognized partners</li></ul>
<b>Partner Organizations</b>	<ul style="list-style-type: none"><li>• Can be from private, public, or NFP sector</li><li>• At least 1 must be recognized for cost-sharing</li><li>• Must be involved in the project and contribute to its success</li><li>• Must have the ability to exploit the research results and achieve desired outcomes</li></ul>

# Alliance-Accelerate Joint Initiative

<b>Discipline</b>	<ul style="list-style-type: none"><li>• Supports natural sciences and engineering.</li></ul>
<b>Program Goals</b>	<ul style="list-style-type: none"><li>• Support collaborative research projects of benefit to Canada</li><li>• Translate/mobilizes knowledge</li><li>• Talent development and training</li><li>• EDI</li></ul>
<b>Value</b>	<ul style="list-style-type: none"><li>• Mitacs: \$15K(min), scalable</li><li>• NSERC: \$20K(min) - \$1M/year over 5 years</li></ul>
<b>Industry Contribution</b>	<ul style="list-style-type: none"><li>• 1:1 for large organizations</li><li>• 2:1 for SMEs or cross-sector partners</li><li>• Partner cash recognized towards the global budget of joint applications</li></ul>
<b>Intake</b>	<ul style="list-style-type: none"><li>• Rolling</li></ul>
<b>Decision Timeline</b>	<ul style="list-style-type: none"><li>• 4 – 16 weeks per standard Alliance timelines (dependent on size of project)</li></ul>

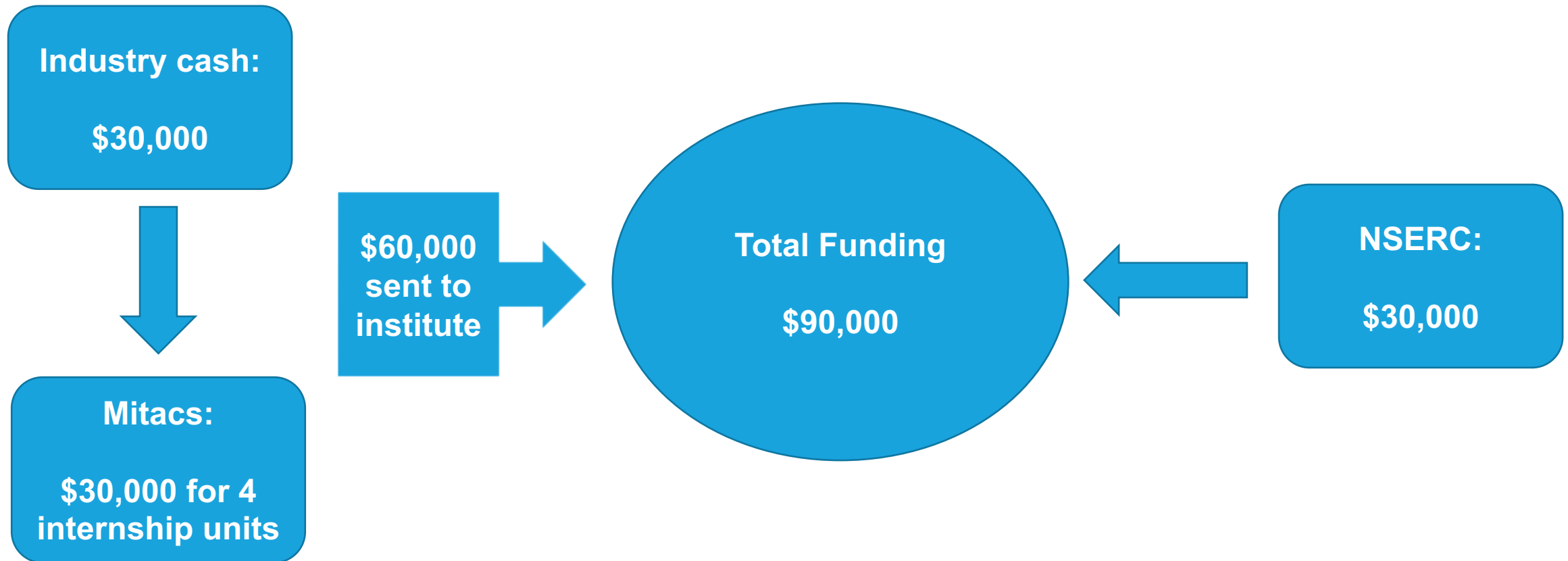


# Alliance-Accelerate Joint Initiative

<b>Academic Eligibility</b>	<ul style="list-style-type: none"><li>• University PIs</li><li>• Graduate, PDFs (standard Accelerate guidelines)</li></ul>
<b>Partner Eligibility</b>	<ul style="list-style-type: none"><li>• Public, Private, NFP (NFP's must be approved and operating in Canada)</li><li>• Carry out R&amp;D and/or produce goods or provide services in Canada</li><li>• Generate revenue from sales or have significant private-sector investment</li></ul>
<b>Eligible Expenses</b>	<ul style="list-style-type: none"><li>• Normal expenses through NSERC Alliance: HQP, equipment, project management for large projects</li><li>• Additional funding for enhanced training of HQP (undergraduate, graduate, PDF)</li></ul>
<b>Review Criterion</b>	<ul style="list-style-type: none"><li>• <a href="#">Alliance Merit Indicators</a></li><li>• <a href="#">Mitacs adjudication criteria</a></li></ul>
<b>Success Rate</b>	<ul style="list-style-type: none"><li>• TBD</li></ul>

# Distribution of Funds

Example 1: Applicant requests \$30,000/year from NSERC and requests 4IUs through Accelerate



# Development and Submission Procedures

## Develop

- BD works with PI to finalize the Mitacs supplemental form
- PI simultaneously works with ORS staff to complete NSERC Alliance application

## Sign-off

- Obtain ORS signature on Mitacs supplemental form
- PI uploads signed Mitacs form to “other documents” section of NSERC Alliance application

## Submit

- Once Alliance application is complete and Mitacs supplemental form uploaded, PI submits the full application to NSERC
- PI sends Mitacs supplemental documents (budget, CVs etc) to BD to be submitted to Mitacs simultaneously; MOL entry generated

## Review

- Standard Alliance review process

## Award

- Projects can start any time once approved per normal Accelerate criteria



Thank you.

**Mitacs**



# Thanks to our funding partners

Canada 



# Thank you.



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**Mitacs**