Overview

Presented by:
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**Mitacs** is a Canadian national non-profit organization with programs, funding, and networks for industry-academic innovation collaboration and next gen talent development.
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Mitacs Mandate

Bring together industry, universities and governments to drive innovation
Mitacs Across Canada, and International:

- National network
- Non-Profit, funded by federal and provincial governments
- 19+ years in operation
- 65+ university partners
- 16,000+ innovation & research projects solving business & societal needs and opportunities
- 160+ staff, 30+ offices
  - 3 hubs: Vancouver, Toronto, Montréal

International Partnerships
- 3000+ international student research internships
Mitacs: **Talent. Ideas. Networks.**

In March 2017, Mitacs was awarded $221M by the federal government for work integrated learning industry-academic collaboration. Its unique programs advance companies from start-ups to multinationals.
Accelerate growth

> 26,000 internships throughout Canada since 2007

In 2016-2017
- 4,250 internship units submitted
- Value of $63 M in Canada

In 2017-2018
- 5,000 internship units submitted
- Value of $74,8 M in Canada

Federal funding confirmed for 5 years
Provincial funding confirmed in many provinces

Projected growth
Reaching 10,000 internship units by 2021
8,000 under Accelerate = doubling within 5 years
Organizational Partners

- Canadian for-profit and crown corporations
- For-profit businesses with facilities operating inside or outside Canada
- Domestic or foreign-owned
- Established, start-ups, SMEs
- Eligible not-for-profits
  - Projects must demonstrate economic or productivity orientation
  - must be incorporated as a not-for-profit organization
How we do it
Mitacs Core Programs

- Collaborative industry academic applied research and innovation
- R&D management leaders | Post-Docs Only
How we do it;

- **Industry defined projects**
  - Problem solving: “research” as the tool
- **4 month or longer projects**
- **Scalable: from $15,000 to multi million $**
- **Mitacs adds matching funds**
- **Mitacs staff on-hand to help**
  - Including finding academic expertise
  - Leverage standard Mitacs agreements; facilitate IP discussions
Scalability: build long-term large-scale projects

Multiple universities/multiple disciplines/multiple years for the umbrella research project
Cost Structure of Collaborative R&D

Standard: 1-5 internships

- **$15,000** research grant
  - ($7,500 Industry Partner
  - $7,500 Mitacs)
- **$10,000** minimum intern stipend
- **$5,000** other project-related expenses

4 months

Cluster: 6 or > internships

- **$80,000** research grant
  - ($36,000 Partners
  - $44,000 Mitacs)
- **$10,000** internship
- **$10,000** internship
- **$10,000** internship
- **$10,000** internship
- **$10,000** internship
- **$20,000** other project-related expenses
- **$10,000** internship
Accelerate – Process

HOW IT WORKS

1. APPLICATION SUBMISSION
   ANYTIME

2. APPLICATION REVIEW
   ~ 6 WEEKS*

3. PROJECT APPROVAL
   MIN. 4 MONTHS

4. PROJECT LAUNCH

5. PROJECT COMPLETION
   1 MONTH

6. FINAL REPORT & EXIT SURVEY

*For up to 5 internships. Contact us about review timelines for 6+ internships.

1. Mitacs invoices partner
2. Partner sends funds to Mitacs
3. Mitacs sends award to university
4. University administers award

Approx. 3 weeks
Funding timelines are subject to the receipt of partner funds.
Accelerate International (AI)

- Research collaborations between international companies and Canadian universities or Canadian companies and international universities
- 16–24 weeks (grad student spends 75% of project abroad, 25% at home university)
- All disciplines, no application deadlines
- Open to any of your company’s international locations
Post-doctoral fellows learns to translate research into long-term business value

Vehicle to recruit and qualify a potential future research leader

Only post-doc program to provide research management training

Focuses on 3 competencies

- Leadership & Management
- Communication & Relationship Building
- Personal & Professional Management
Mitacs Funded Projects

CleanTech: Hydrogen Storage

Breakthrough in solid state hydrogen storage nanomaterial
Mining Technology: Waste Reclamation

Enhancing the sustainability of mining by improving the ore extraction and metal recovery process
Mitacs Funded Projects

» **Project**: Improving efficiency and safety in aviation industry using big data analytics
   - **Partner**: CAE
   - **Professor**: Gilles Savard
   - **Sector**: Aerospace and defense
   - **Discipline**: Mathematics
   - **University**: Polytechnique Montreal

» **Project**: Adaptive Detection and Tracking of Multiple Persons in Real-Time Video Surveillance
   - **Partner**: Genetec Inc.
   - **Professor**: Eric Granger
   - **Sector**: Information and communications technologies
   - **Discipline**: Engineering - computer / electrical
   - **University**: Ecole de technologie supérieure
MoleScope™ from research at SFU is designed to help track and monitor moles over time for skin cancer prevention.
Contact information

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