

*Inspiring innovation
Inspirer l'innovation*

Mitacs and Academe Partnerships: Connecting universities and colleges with industry and community partners

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Agenda

- ➔ **Why Mitacs?**
- ➔ **Program goals**
- ➔ **Details**
- ➔ **Next steps**

Why Mitacs?

- ➔ National research network
- ➔ 19 years in operation
- ➔ 16,000+ research projects
- ➔ 65+ academic partners



The Mitacs network



Mitacs by the Numbers



\$145M
PRIVATE SECTOR INVESTMENT



4250+
INDUSTRY PARTNERS



33000+
STUDENTS CAREER-READY



60+
UNIVERSITY PARTNERS



20000+
INNOVATIVE RESEARCH PROJECTS



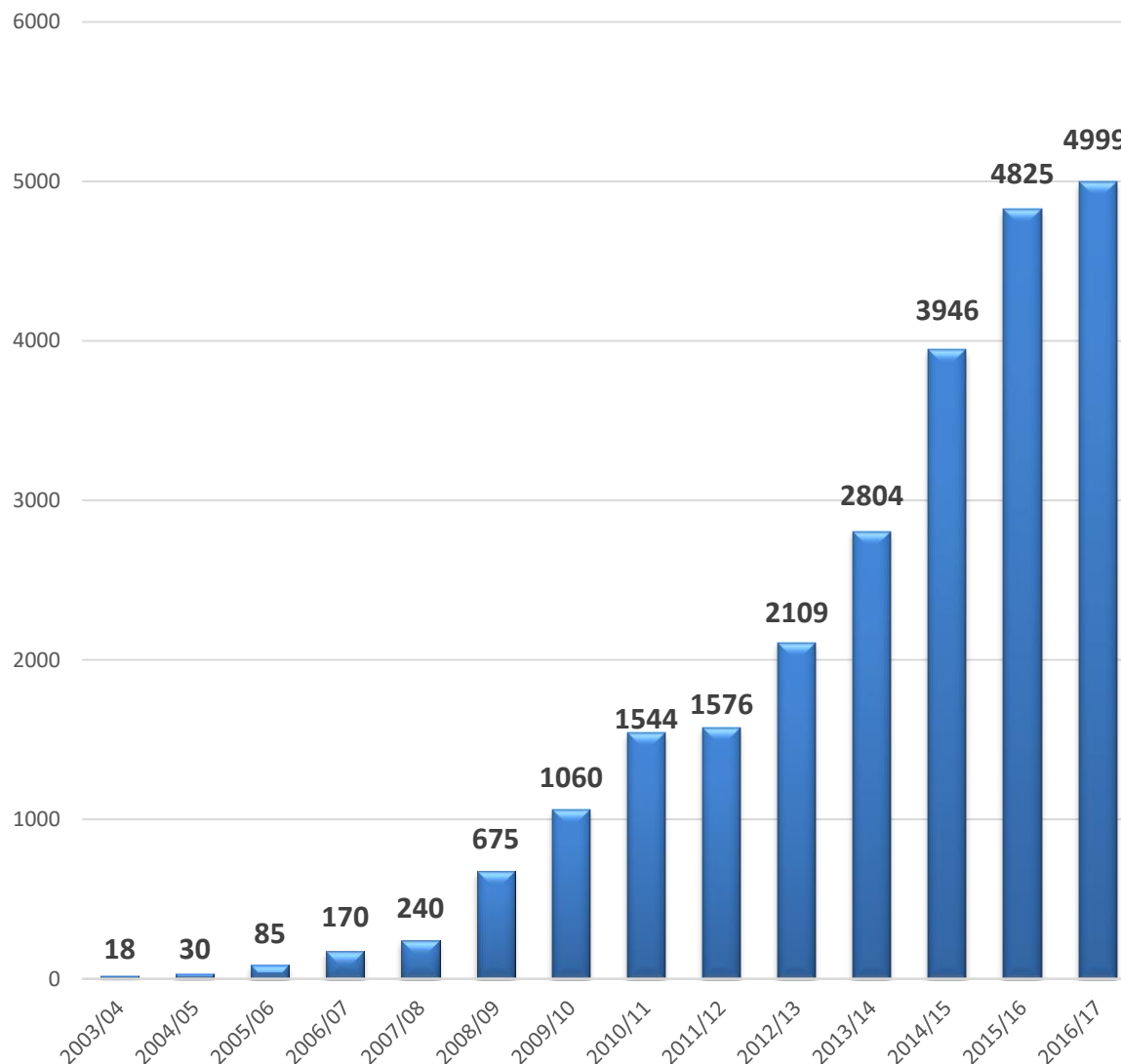
3600+
INTERNATIONAL STUDENT
RESEARCH INTERNSHIPS



1450+
PROFESSIONAL SKILLS WORKSHOPS

Program growth

Mitacs research projects



The Mitacs network



- ✓ Computer science
- ✓ Engineering
- ✓ Anthropology
- ✓ Economics
- ✓ Forestry
- ✓ Geography
- ✓ Health sciences
- ✓ History
- ✓ Social work
- ✓ Mathematics
- ✓ Genetics
- ✓ Chemistry
- ✓ Languages & linguistics
- ✓ Business
- ✓ Education
- ✓ Interactive arts
- ✓ Psychology
- ✓ And more...

- **Small & medium business**
- **Large business**
- **Not-for-profit organizations**

Mitacs program goals

- ➔ Support flexible, collaborative research projects
- ➔ Attract new funding
- ➔ Maintain high-quality research
- ➔ Support all disciplines
- ➔ Support international research collaborations in Canada and abroad
- ➔ Train graduates and postdocs for their careers



Collaboratory Academic Research

Industry

- Accelerate
- Elevate
- Accelerate International

Academic

- Globalink Research Internship
- Globalink Research Award
- Accelerate International

Government

- Canadian Science Policy Fellowship

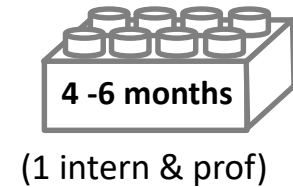
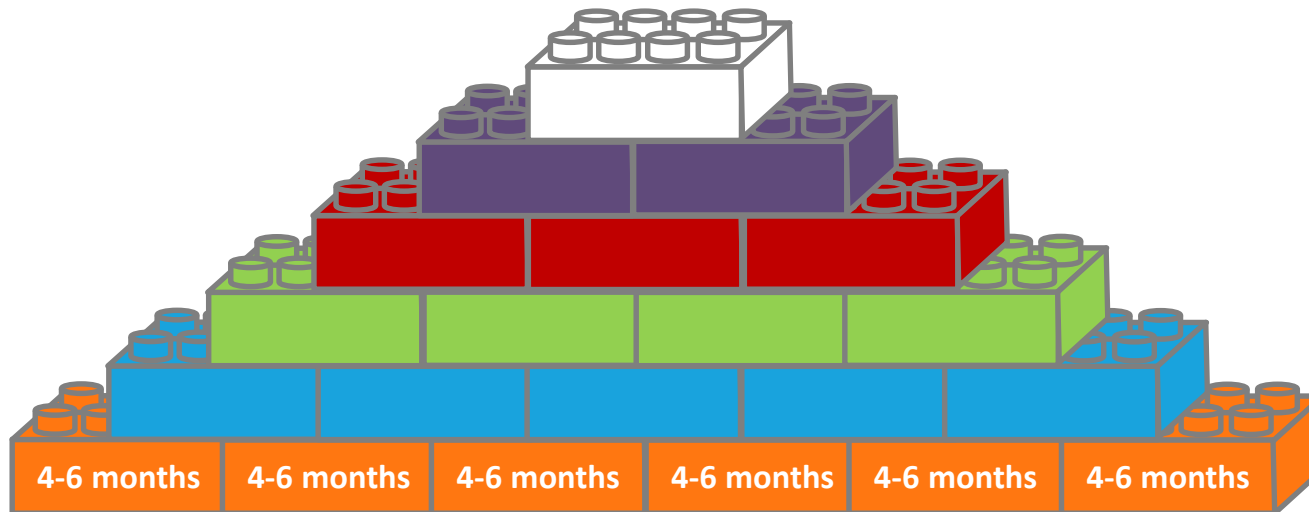
Building research collaborations



- ➔ From \$15,000 to \$2M+ in funding
- ➔ Supports grad students, college students and PDFs
- ➔ Non-competitive: apply any time
- ➔ Peer reviewed; quick turnaround



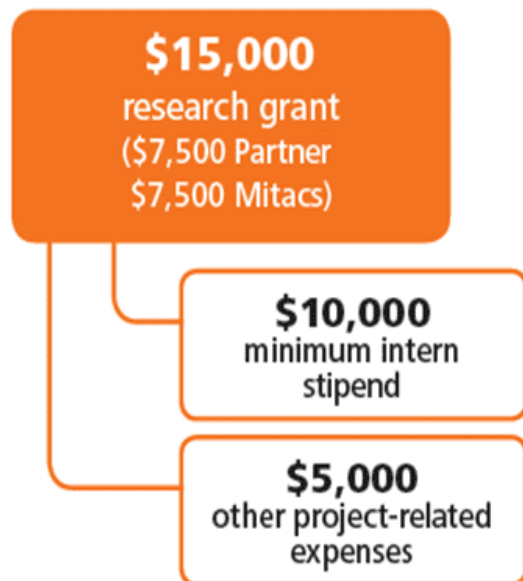
Scalability: build large-scale projects



- ➡ Can build bigger projects from simple 4-6 month units
- ➡ Matching starts at 1:1; stronger Mitacs leveraging available with bigger projects
- ➡ Projects can be multi-disciplinary (and multi-partner)

Funding Model

Standard



Accelerate International



- ➔ Research collaborations between international companies and interns, faculty at Canadian universities
- ➔ 75% abroad, 25% - home university
- ➔ All disciplines, no application deadlines



Accelerate Fellowships



- ➔ Research collaborations between companies and grad students, faculty at Canadian universities
- ➔ Longer-term collaboration
- ➔ Matching 1:1.22
- ➔ All disciplines, no application deadlines
- ➔ Professional development



Accelerate Fellowships

	Masters	PhD
Project length	18 months	36 months
Total research award	\$40,000	\$80,000
Minimum intern stipend	\$30,000	\$72,000
Partner contribution	\$18,000	\$36,000



Partners

- ➔ For-profit Canadian or international companies
- ➔ Utility providers, NGOs
- ➔ Eligible not-for-profits and Crown corporations
 - Projects must demonstrate economic or productivity orientation
 - must be incorporated as a not-for-profit organization




Research Partnerships 101 x

Secure | <https://www.mitacs.ca/en/newsroom/blog/research-partnerships-101-how-find-non-academic-collaborations-can-advance-your-career>

Apps OneLogin Waterloo Region New M <https://kiwi.mitacs.ca> mitacs.com Sign In

FRANÇAIS



PROGRAMS ▾ IMPACT PROJECTS NEWSROOM ABOUT 🔍

Newsroom

NEWS RELEASES BLOG PUBLICATIONS MEDIA KIT MEDIA COVERAGE

Research Partnerships 101: How to find non-academic collaborations that can advance your career

03/31/2015

Grad students: are you looking to become more employable? Want to get a better starting position? Interested in a new perspective on your research?

Research Partnerships 101 is a Mitacs-hosted webinar (originally broadcast on March 18, 2015) that explores how graduate students can acquire research experience in the fields of their choice.

View the recording at: bit.ly/ResearchPartnershipsWebinar (registration required)

Topics include:

- Why Canada needs graduate-level skillsets
- How to do research with a non-academic partner

Facebook Twitter Google+ LinkedIn Email

Type here to search

1:13 PM 2018-03-19

Partnering Resources

The screenshot shows a web browser window with the URL <https://www.mitacs.ca/en/programs/accelerate>. The page features the Mitacs logo in the top left and a navigation menu in the top right with links for PROGRAMS, IMPACT, PROJECTS, NEWSROOM, and ABOUT. A search icon is also present. Below the navigation menu, there is a blue banner with the word "ACCELERATE" in white. Underneath this banner, a horizontal menu contains several options: Proposal, Project, Resources, Fellowship, FAQ, Interns wanted (which is circled in red), Accelerate International, and Colleges. Below this menu, the word "Accelerate" is displayed in large white text. At the bottom of the banner, there is a section titled "I am a..." with four buttons: STUDENT, POSTDOC, PROFESSOR, and BUSINESS. Below the banner, the text "Put your talent to work with an organization that needs it. Funding starts at \$15,000." is displayed. At the bottom of the page, there is a section titled "HOW IT WORKS". The browser's address bar and taskbar are visible at the top and bottom of the screenshot, respectively.

Accelerate

I am a...

STUDENT POSTDOC PROFESSOR BUSINESS

Put your talent to work with an organization that needs it. Funding starts at \$15,000.

HOW IT WORKS



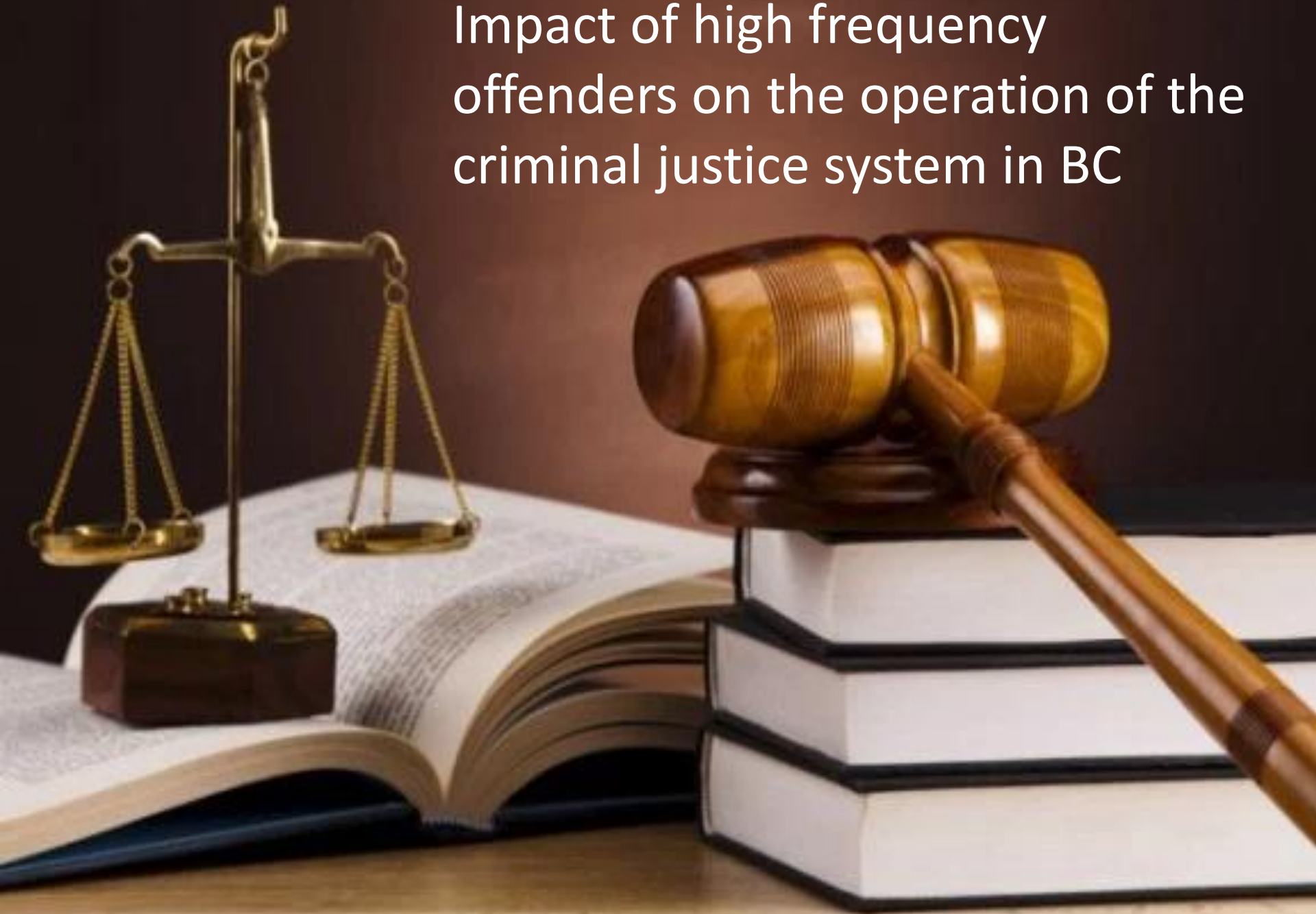
Nonlinear projection methods for prediction of trends in cancer incidence and mortality



The challenges of curating Latin American cinema in the 21st century



Impact of high frequency offenders on the operation of the criminal justice system in BC



Creating R&D leaders



- ➔ Two-year PDF
- ➔ Professional management training
- ➔ Build a research leader for your lab
- ➔ Research collaboration with partner
- ➔ Open to any discipline
- ➔ Competitive applications
- ➔ \$135,000 value



Elevate Training Program

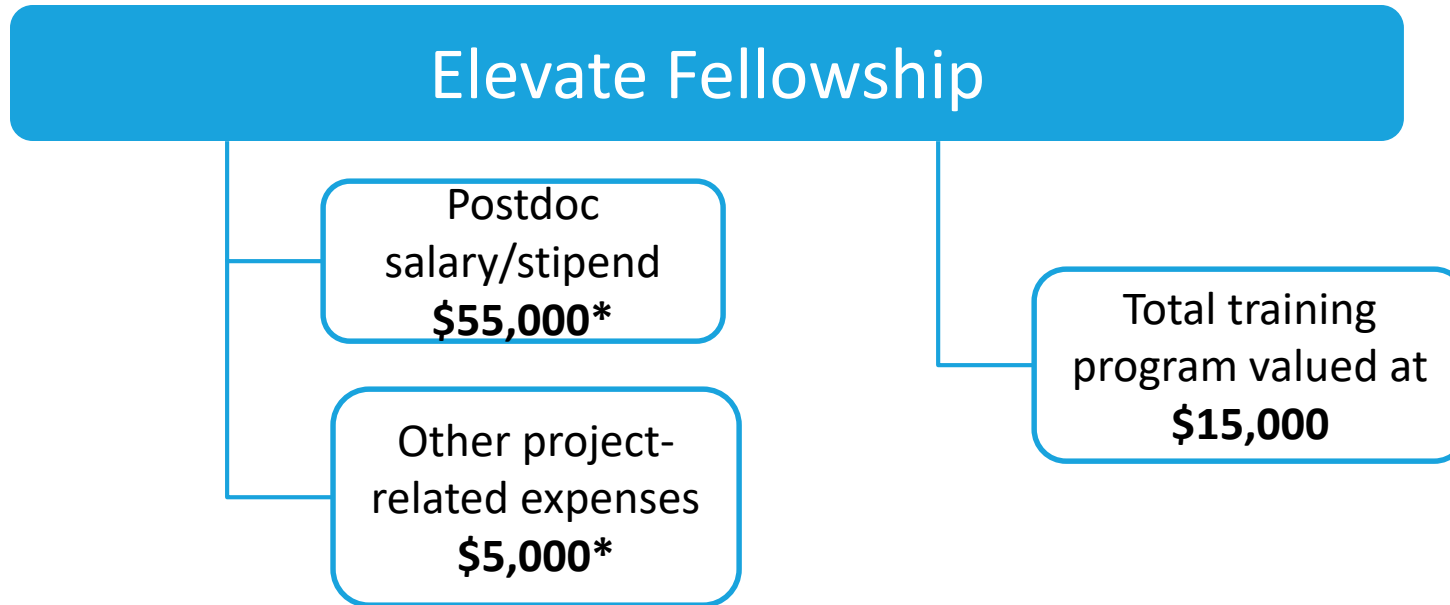
- ➔ Only post-doc program to provide research management training
- ➔ Focuses on 3 competencies



Training includes:

- ➔ Assessment of skills leading to individual development plans
- ➔ In-person & online training with focus on project management
- ➔ Exclusive learning and collaboration management system
- ➔ Preparation of a business case
- ➔ LinkedIn and CV support

Elevate Annual Funding Cycle

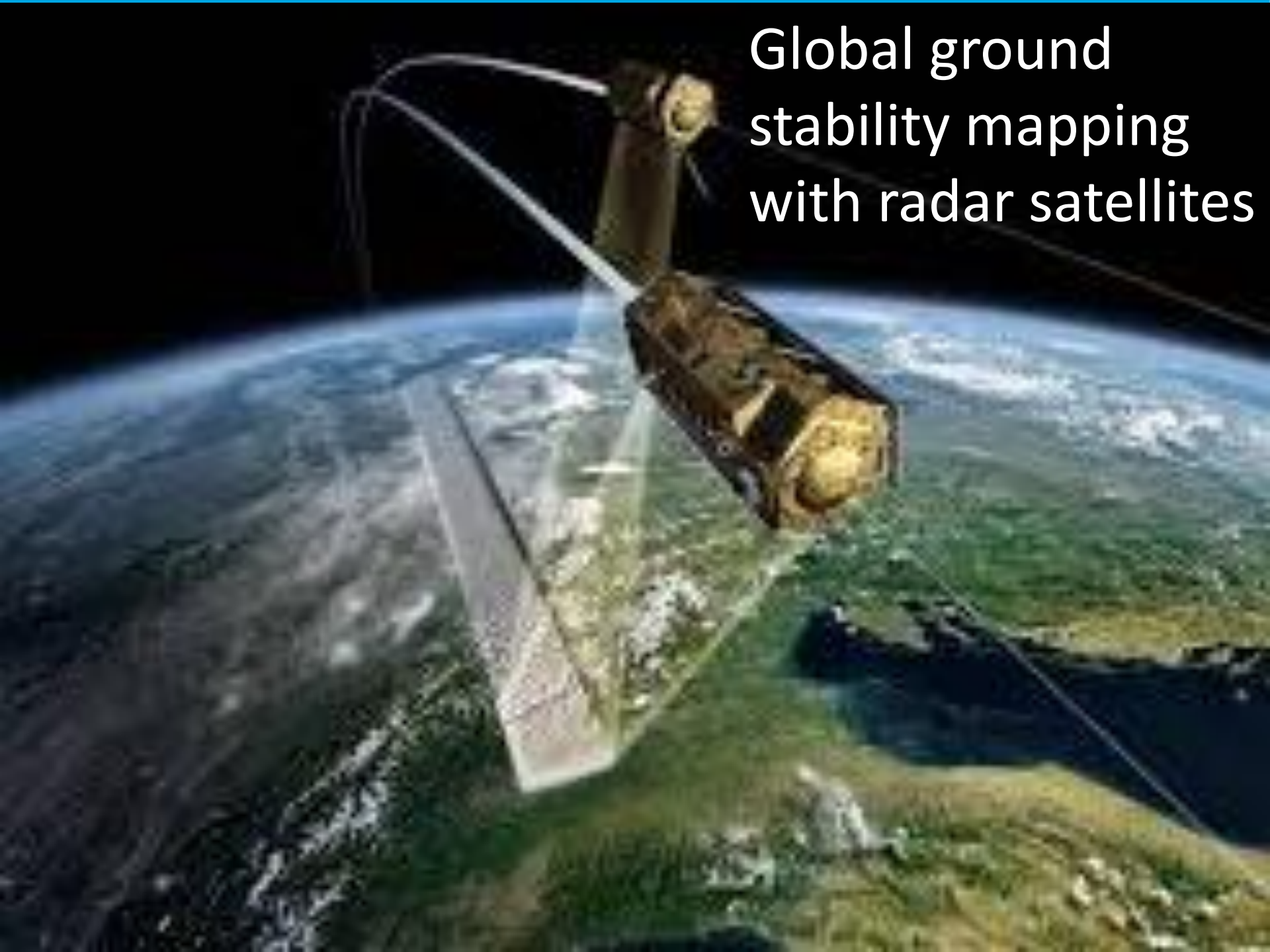


Annual Contributions*

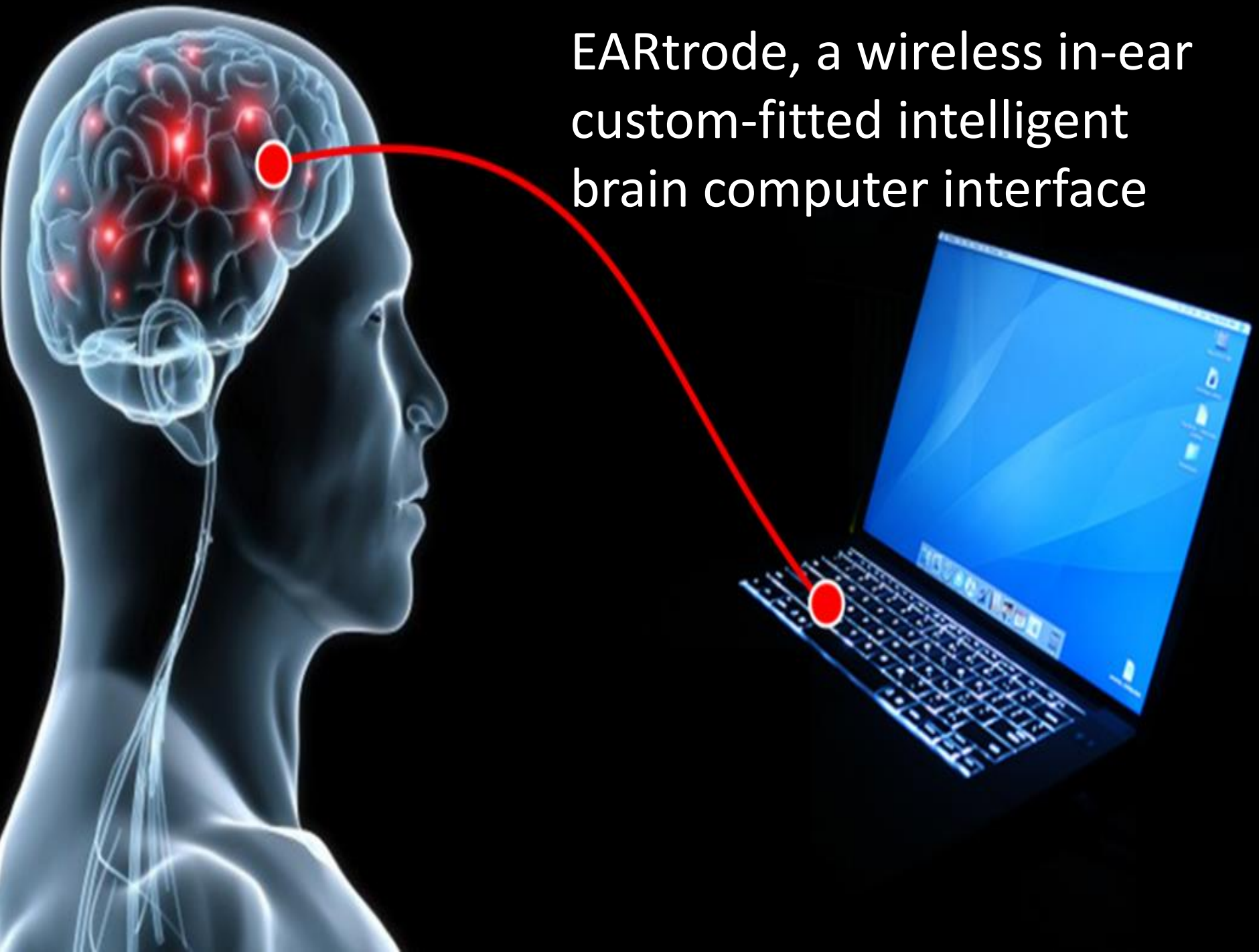
- \$30,000 Partner
- \$25,000 Mitacs (+\$7,500 value in training)
- \$5,000 University

**per year over two years*

Global ground
stability mapping
with radar satellites



EARtrode, a wireless in-ear
custom-fitted intelligent
brain computer interface



Designing and Development of a Home Safe Living System for Aging, Rehabilitation, and Geriatrics



International opportunities



- ➔ Research collaborations for senior undergraduate and graduate students in Canada and abroad
- ➔ Bringing the world's brightest students to Canada
- ➔ Overseas research opportunities for students in Canada in academia or industry



Two-way research mobility



Globalink Research Internship – **inbound**



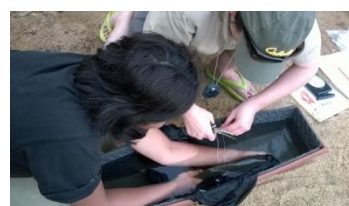
- ➔ Research collaborations between international **undergraduates** and faculty at Canadian universities
- ➔ Summer research projects
- ➔ All disciplines
- ➔ **Alumni qualify for Globalink Graduate Fellowship (\$15,000)**



Globalink Research Award

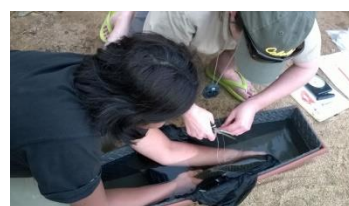


- ➔ Research collaborations for senior undergraduate and graduate students with universities abroad
- ➔ Opportunities with Mitacs partner countries
- ➔ 12 – 24 weeks
- ➔ \$6,000 - \$10,000 award



*Mitacs Partner countries

- ➔ Australia
- ➔ Brazil
- ➔ China
- ➔ EU members
 - France, Germany, etc.
- ➔ India
- ➔ Israel
- ➔ Japan
- ➔ Korea
- ➔ Mexico
- ➔ Norway
- ➔ Saudi Arabia
- ➔ Tunisia
- ➔ U.S.A.
- ➔ United Kingdom
- ➔ Ukraine



An aerial photograph of a large, multi-story hospital complex with a modern architectural style, featuring many windows and a flat roof. The hospital is situated on a green, grassy area. In the background, there is a large body of water (the bay) and several mountains, including a prominent one with a small building on top. The sky is clear and blue.

Understanding the Mechanisms of Serotype Replacement in Vaccine-Preventable Diseases

Flocking behavior research





Globalink Research Award

ABOUT

HOW TO APPLY

ELIGIBILITY

AWARD GUIDELINES

FAQ

FIND A PROFESSOR

Mitacs provides for students a list of faculty members who are open to hosting students through the Globalink Research Award. We encourage interested students to review each professor's website to learn more about their research prior to contacting them. You can also read [our blog post on tips for finding a professor](#).

If you're a faculty member in a Mitacs partner country, [create an account to complete and submit the form](#) to be featured on this page.

This optional tool is intended to connect international professors with students in Canada and does not guarantee funding. Students are responsible for ensuring that a potential host supervisor and [sting faculty members here](#), Mitacs does not endorse

Get career-ready with Mitacs Training

Register for professional development workshops on campus and online



Search Professors

Country

- Any -

Discipline

- Any -

University

Name

Country University

Discipline Name ▲

Brazil

[Sao Paulo State University \(UNESP\),
School of Dentistry](#)

Life Sciences

 Prof Leonardo
Faverani

[Website](#)

Postcards from our students



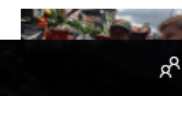
University of Ottawa
master's student
helps contain
greenhouse gases



Ryerson PhD
candidate
harnesses the
sunshine of Izmir



UBC student brings
laser experiment to
Rio de Janeiro



Supporting



Pilot: Canadian Science Policy Fellowship

- ➔ Fosters evidence-based policy-making within government
- ➔ Faculty members at Canadian universities and postdocs
- ➔ 12 month project, \$65K - \$75K in funding



Mitacs Training: Professional development exclusively for researchers

- ➔ For graduate students and postdocs
- ➔ 1–2-day workshops
- ➔ Transferable skills increase employability
- ➔ Workshops include leadership, management, communications, relationship building, entrepreneurialism



Improved Graduate Training



Recruited new grad students or postdocs

70%+

Believe the programs prepared grad students and postdocs for a variety of career paths

75%+

Elevate supervisors observed an increase in all the key competencies in their research management training

Outcomes for Partners

40%+



Developed new or enhanced products

50%+



Reported new or enhanced processes

33%

One third are commercializing the project results, while another third anticipated commercialization



Our Funding Partners



Western Economic
Diversification Canada

Diversification de l'économie
de l'Ouest Canada



Next steps

- ➡ Contact me to discuss research goals:

Ashley Hannon
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- ➡ Register to receive updates:
www.mitacs.ca/signup