

*Inspiring innovation
Inspirer l'innovation*



Students as Global Connectors- Canadian Initiatives to Mobilize Knowledge and Talent Across Countries and Sectors

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Mitacs

Canada's Int'l Research Engagement

- Strengths: Global leadership in economic activity & higher education
- Opportunities: Because of our size we are very open to international collaboration
- Needs: Robust international trade and knowledge linkages
- Mitacs' Goal: To leverage existing strength in university-based research to promote innovation and productivity among nations.

Mitacs' Mandate

Bring together industry, universities and governments to develop R&D projects which solve business and societal challenges, drive innovation and help create the next generation of innovators and entrepreneurs



Mitacs- A national organization

- ➔ Mitacs is a not-for-profit that supports the Canadian government to allocate funds for research collaborations between industry, academia and governments
- ➔ 20 regional offices based at Canadian universities and covering all Canadian university and industry partners in every province
- ➔ Funded by the Government of Canada, provincial governments, Canadian universities, several foreign governments and Canadian firms
- ➔ In 2017 budget, the government of Canada dedicated an additional \$210 million over five years to expand our research internship programs (10,000 R&D projects per year)

Mitacs' Program Goals

- ➔ Build international research networks
- ➔ Train graduate students for their careers
- ➔ Drive private-sector spending on R&D
- ➔ Support knowledge transfer
- ➔ Help businesses grow through innovation
- ➔ Help bring research challenges from society into the university for students to work on



Mitacs Programs - National and International



Canada's premier industrial research program



R&D management leaders



International research mobility



Professional skills development

Pillars for Mitacs' International Strategy

Talent

Ideas

Networks

**To increase the international profile of Canada as a strategic research partner
by establishing global innovation networks**

Principles of Mitacs' international partnerships

- ➔ Excellence
- ➔ Reciprocity
- ➔ Adding value
- ➔ Focus on long-term outcomes
- ➔ Accessibility

Mitacs' International Partnerships

- ➔ Australia
- ➔ Brazil
- ➔ China
- ➔ France
- ➔ Germany
- ➔ India
- ➔ Israel
- ➔ Japan
- ➔ Korea
- ➔ Mexico
- ➔ Norway
- ➔ Saudi Arabia
- ➔ Tunisia
- ➔ Plans for USA

Building a living bridge between Canada & international partners, reinforcing links through two-way mobility of exceptional students



Travel to Canada

- Globalink Research Internships
- Globalink Graduate Fellowships
- Globalink Research Awards
- Globalink Partnership Awards



Travel From Canada

- Globalink Research Internships
- Globalink Research Awards
- Globalink Partnership Awards



Globalink Research Internships

- ➔ Provides undergraduate students with applied international research experiences they would not otherwise have access to
- ➔ In total, 600 of brightest foreign students work with top Canadian researchers on custom-matched research projects
- ➔ Boutique program with graduate student mentor, professional development training, industry visits, etc.
- ➔ 11,000+ applications and over 2,000 research projects posted

Globalink Research Internships

➔ Program objectives

- Provide budding researchers from partner countries with the opportunity to undertake research in Canada
- Provide faculty in Canada with the opportunity to assess suitability of future graduate students

➔ How it works

- Canadian faculty submit projects to Mitacs
- Students apply directly to projects, via Mitacs
- Mitacs conducts “matching”
- Students travel to Canada for 3 months during summer

Globalink Graduate Fellowships

- Provide financial contribution to Globalink Research Internship alumni entering research-based graduate programs across Canada
- \$15,000 CDN distributed over two semesters – direct to student

“I was impressed with my intern, and we are discussing her returning, but the prospect of her coming with funds is additionally attractive as it gives us more of an 'open' set of topics to discuss for her Masters.”



Globalink Research Awards

- Master's and PhD research internships
- Jointly supervised by a Canadian and international professor from an accredited university in a Mitacs partner country
- 100% placement abroad with the host faculty supervisor
- 12-24 week research project abroad

Globalink Partnership Awards

- ➔ Facilitate international applied research and commercialization partnerships
- ➔ Encourage international entrepreneurial activity, including joint ventures, to drive international economic growth and competitiveness
- ➔ Build international research networks through increased cooperation in priority sectors and address global challenges
- ➔ Enrich person-to-person contact through hands-on research experiences for students
- ➔ Build global citizens with highly valued international industry knowledge and experience

Model for Developing Partnerships

- ➔ International Partnerships team
- ➔ International Programs team
- ➔ Business Development team
- ➔ Operations teams
- ➔ Global Affairs and Trade Commissioner Service
- ➔ Provincial networks
- ➔ International partners

Some Success Stories

- ➔ Funding technical feasibility or market acceptability of new joint R&D projects
- ➔ Canadian subsidiaries bringing R&D to Canada through projects with headquarters
- ➔ Bringing Canadian technology to emerging markets

Thank you for kind your attention

Questions?

