Mitacs: Funding Opportunities for New Faculty

Javier Cuervo, PhD
Director, Business Development – Edmonton

New Faculty Forum, Feb 26th 2013
University of Alberta
A national, non-profit organization that aims to foster industrial innovation and the knowledge-based economy.

- Support projects between academia & industry
- Funded by the federal and provincial governments, Canadian universities and private enterprise
- Open to all disciplines & sectors
- Diversified funding
Mitacs Programs

• Accelerate
  – Grad student and post-doc research projects / internships

• Accelerate inDev
  – Grad students working on development projects

• Elevate
  – Post-doctoral fellowships

• Globalink
  – International undergraduate student research projects at Canadian universities

• STEP
  – Soft skills training for grad students and post-docs
The Mitacs Network

Mitacs researchers by discipline

Mitacs partners by size
Mitacs Accelerate

Objective
• To support multi-disciplinary applied research collaborations between university researchers and industrial partners

Adopted model
• Collaborative research projects are made up of multiples (blocks) of 4-month internships
• Scalable to support large, complex projects
1:1 matching to fund applied research
Student spends approx. half time at company, half time at university
Travel subsidies available
Accelerate: Funding – CLUSTERS

- Extra leverage for medium to large projects
- Minimum: 3 students (scalable)
- Minimum total funding: $80K (6 blocks + $20K flexible)
- Scalable: each additional $18K from industry generates $22K from Mitacs
Advantages

Mitacs Accelerate

– Clusters: $1.22 to industrial partner $1
– Projects support all academic disciplines
– Mitacs helps with application prep and filing
  • 96% success rate
– Great recruitment tool for companies
– SR&ED tax credit eligible
– Companies use as recruitment tool
– Fast turn around: application review in 6 weeks

www.mitacs.ca
• Student spends approx. 80% time at company, 20% time at university
• 4-month internships with a max. of 2 per intern
• Seeking joint-funding
Success stories

Efficient computational tools for magnetic reconstruction and image decomposition
Partner: TerraNotes LTD
Professor: Yau-Shu Wong (Math)

Evaluation of fiber-reinforced polymer composite tubulars for high-temperature environment operation
Partner: Schlumberger Canada.
Professor: Pierre Mertiny (Mech. Eng)
A camera stabilization gimbal system for a small unmanned aerial vehicle
Partner: ING Engineering
Professor: M. Lipsett (Mech. Eng)

Calcium Supplements: Elemental Bioavailability and uptake by bone
Partner: Sinoveda
Professor: M. Doschak (Pharmacy)
Mitacs programs

Elevate

- New PhD graduates are placed in industry to lead projects of a larger scope, under the supervision of their professor, while deepening their private-sector skills.
- 80% of their time is spent working on the project, 20% is spent deepening their business skills.
- $25K/yr from industry
- $32,500/yr from Mitacs
- Next call end of Q1 2013

www.mitacs.ca
Mitacs programs

Step

• Acquiring important interpersonal skills in entrepreneurialism and project management

Workshops for graduates

☑ Project management
☑ The ABC’s of the business world
☑ Communications
☑ Entrepreneurialism and intellectual property
Special Thanks to Our Funding Partners

Through the Industrial R&D Internship Program

www.mitacs.ca
Contact info

Javier Cuervo
Mitacs - Edmonton
Director Business Development
jcuervo@mitacs.ca

Headquarters:

Vancouver, BC
Suite 301,
Technology Enterprise Facility
6190 Agronomy Road
Vancouver
Ph: 604.822.9189

Regional offices

Montréal, QC Office
Institute for Aerospace Research
Room 421, 5145 Decelles Av
Montreal, QC
Ph: 514.316.9197

Toronto, ON Office
York University
Suite 353, York Lanes
4700 Keele St.
Toronto, ON
Ph: 416.650.8445

Fredericton, NB Office
Suite D114, Gillin Hall
540 Windsor Street
Fredericton
Ph: 506.458.7280

St. John's, NL Office
S. J. Carew Building,
Room EN 3013
240 Prince Philip Drive
St. John's, NL
Ph: 709.725.9253

www.mitacs.ca