



CREATE

Collaborative Research and Training Experience Program

Information Session

January 27th 2014



CREATE

- Launched May 2, 2008
- Based on existing models (CIHR-STIHR, NSF-IGERT, DFG-RTG)
- Supports the training of teams of highly qualified students and postdoctoral fellows from Canada and abroad through the development of innovative training programs that:
 - encourage collaborative and integrative approaches that address significant scientific challenges
 - facilitate the transition of new researchers from trainees to productive employees in the Canadian workforce



CREATE encourages :

- Job readiness – prepare for an easier transition
- Industrial collaboration
- Student mobility between universities (even internationally) or to industry/government settings to gain valuable experience
- Interdisciplinary research



CREATE initiatives should:

- Be led by a group of accomplished researchers
- Work collaboratively to offer a defined training program to a group of trainees
- Provide experience relevant to academic or non-academic careers
- Focus on providing an enriched training experience for graduate students
- Be recognized for:
 - **Innovative nature**
 - **Excellence of the researchers and their training success**
 - **Capacity to raise the standard for best practices in training**
 - **Encouraging student mobility**



What Conditions Apply?

- Tenable only at NSERC-eligible Canadian universities
- Lead applicant must be from an NSERC-supported field at an NSERC-eligible university
- **Seventy** percent of the group must be from the NSE
- Co-applicants may be from SSHRC- or CIHR-eligible fields
- Participation in maximum of two active CREATE initiatives
- Each training program will be overseen by a program committee (applicant may not be the committee Chair)



Addressing Research Priorities

60% of CREATE funding will be directed to 4 priority areas:

- Environmental science and technologies
- Natural resources and energy
- Manufacturing
- Information and communications technologies



Size of the Awards

Year 1:	up to \$150,000
Years 2 – 6:	up to \$300,000 per year
Total max:	\$1,650,000



What expenses are allowable?

- 80% to stipends
- 20% to:
 - training program structure (e.g. salary of program coordinator; first 2 years only)
 - books, equipment, advertising, travel
 - dissemination of training materials and research results
 - miscellaneous



Support to Students and Postdoctoral Fellows

- Harmonization of federal granting agencies' policies
- Concurrent scholarships funding
- Categories of trainees



Application Process

Phase 1: Letter of Intent (Quota based)

Phase 2: Application (invited)



Phase 1 - Letter of Intent

- Letter of intent to apply for a CREATE grant (Form 187)
- Personal data form (Form 100) for the lead applicant
- Letter from VP Research
- Industrial stream – Letter or e-mail from industrial collaborator



Form 187 – CREATE LOI

- Applicant information
- Co-applicants (min 1, max 10)
- Collaborators – no letters at this phase (**except industrial**)
- Outline of Training Program (2 pages)
- Excellence of Proposed Team of Researchers (2 pages)
- Referee suggestions (6)
 - LOIs will not be sent for external review



Phase 2 – Application (If invited)

- Application for a CREATE grant (Form 102)
- Personal data form (Form 100) for the applicant and up to 10 co-applicants
- One letter of support from the university
- Letters from collaborators (max 3), if applicable



Form 102 - Application

- Application profile
- Plain language summary of proposal
- Co-applicants and collaborators
- Research training program proposal
(free form, 12 pages + 1 for references)
- Proposed expenditures
- Budget justification (free form, 2 pages)



Form 102 - Application

- Program Committee
- Support from other sources (free form, 2 pages)
- Maximum 1 Letter of support from lead university which includes:
 - List of all contributions from the university
 - Describe the details of support
 - Involvement in the training program
 - Plans to ensure sustainability



Selection Criteria

Letter of Intent:

- Merit of proposed training program (40%)
- Excellence of the research team (60%)

Application:

- Merit of proposed training program (50%)
- Excellence of the research team (25%)
- Program management and long-term sustainability (25%)



Industrial Stream

		Program Committee (PC)	Internships	Confirmation from Industrial Collaborators
<u>PHASE 1</u> Letter of Intent		Confirmation of willingness to participate in the PC If no confirmed name, indicate the position of the person	Intent of the industrial collaborator to host internships should be indicated	E-mail or letter must be included
<u>PHASE 2</u> Application		One or more confirmed and named industrial member(s) on the PC	Confirmation that all the CREATE trainees will hold at least one (industrial) internship	Letter(s) confirming commitment to both conditions must be included



International Collaboration

- NSERC has established agreements with:
 - Deutsche Forschungsgemeinschaft (DFG)
 - La Fundação de Amparo à Pesquisa do Estado de São Paulo (FAPESP)



International Collaboration - DFG

- LOI at NSERC / Pre-proposal at DFG
- Funding from **both** Agencies
- Selection process
- Funding Decision



International Collaboration – FAPESP

- LOI at NSERC with brief joint plan
- Application at NSERC and FAPESP review
- Selection process
- Funding decision



Important Information

Natural Sciences and Engineering
Research Council of Canada

Conseil de recherches en sciences
naturelles et en génie du Canada

Natural Sciences and Engineering Research Council of Canada
www.nserc-crsng.gc.ca

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Collaborative Research and Training Experience Program

Overview	
Duration	Up to six years
Application Deadline	May 1 (Letter of Intent) September 22 (Application if invited to apply)
Application Forms	<p>Letter of Intent</p> <ul style="list-style-type: none"> ▪ Form 187 – Letter of Intent to apply for a Collaborative Research and Training Experience Program <p>Application (if invited to apply)</p> <ul style="list-style-type: none"> ▪ Form 100 – Personal Data Form ▪ Form 102 – Application for a Collaborative Research and Training Experience Program Grant <p>To create or access an application, select On-line System Login. To view forms and instructions, select PDF Forms and Instructions.</p>
How to Apply	See below
Contact	View the Contact Directory

Important Information

- ▶ [Frequently Asked Questions](#)
- ▶ [Summary of Changes to the CREATE Program for the 2013 Competition](#)
- ▶ [Competition Results](#)



Important Dates

- March/April: Letter of Intent deadline (Univ.)
- May 1: Letter of Intent deadline (NSERC)
- June 30: Invitation to submit application
- September 22: Application deadline (NSERC)



2013 Competition

LOI received:	103
Candidates invited:	50
Applications received:	48
Number of awards:	15



Information

- Program description:

www.nserc-crsng.gc.ca/Professors-Professeurs/Grants-Subs/CREATE-FONCER_eng.asp

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