

# CREATE

## Collaborative Research and Training Experience Program

Information Session  
January 16th 2012

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# 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

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## Changes for 2013 Competition

- Targeted Areas
- Participation in active CREATE initiatives
- Stipends and supplements to trainees

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## 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

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## CREATE projects 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**

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## 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)

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## Addressing Research Priorities

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

- Environmental science and technologies
- Natural resources and energy
- **Manufacturing (New)**
- Information and communications technologies

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## Size of the Awards

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

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## 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

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## Support to Students and Postdoctoral Fellows

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

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## Application Process

Phase 1: Letter of Intent (Quota based)

Phase 2: Application (invited)

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## 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

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Natural Sciences and Engineering Research Council of Canada / Conseil de recherches en sciences naturelles et en génie du Canada

**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

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**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

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**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)

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## Form 102 - Application

- Program Committee
- Support from other sources (free form, 2 pages)
- Maximum 1 Letter of support from lead university - any of
  - Department Head, or
  - Dean of Faculty, or
  - VP Research

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## 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%)

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## Industrial Stream

|                                     | Program Committee (PC)  | Internships  | Confirmation from Industrial Collaborators                          |
|-------------------------------------|---|--|---|
| <b>PHASE 1<br/>Letter of Intent</b> | Confirmation of willingness to participate in the PC<br>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                                   |
| <b>PHASE 2<br/>Application</b>      | 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 |

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**International Collaboration**

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

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**Important Information**

The screenshot shows a web browser window displaying the NSERC website. The main heading is 'Collaborative Research and Training Experience Program'. Under 'Duration', it says 'Up to six years'. Under 'Application Deadline', it says 'May 1 (Letter of Intent)' and 'September 22 (Application if invited to apply)'. There are sections for 'Letter of Intent', 'Application Forms', and 'How to Apply'. A sidebar on the left contains various navigation links like 'Grants Programs', 'Partnerships', and 'Research Tools and Instruments'.

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**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)

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## 2012 Competition

LOI received: 105  
Candidates invited: 52  
Applications received: 49



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## Information

- Program description:  
[www.nserc-crsng.gc.ca/Professors-Professeurs/Grants-Subs/CREATE-FONCER\\_eng.asp](http://www.nserc-crsng.gc.ca/Professors-Professeurs/Grants-Subs/CREATE-FONCER_eng.asp)
- Program Officers: Nicole Viens  
Paule Boulanger
- Program Assistant: Lise Bériault
- E-mail: [CREATE@nserc-crsng.gc.ca](mailto:CREATE@nserc-crsng.gc.ca)
- Tel: 613-943-1363



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