



# College and Community Innovation (CCI) Program



Natural Sciences and Engineering  
Research Council of Canada

Conseil de recherches en sciences  
naturelles et en génie du Canada

Canada

# Agenda

- Overview of the CCI Program
- IE grants
- ARD grants
- ARTI grants
- TAC grants
- IRCC grants
- CU-I2I grants
- Synergy awards
- Interaction grants
- Partnerships Workshop grants



# Tri-council Program

The College and Community Innovation (CCI) Program is managed by NSERC in collaboration with the Canadian Institutes of Health Research (CIHR) and Social Sciences and Humanities Research Council of Canada (SSHRC).

CCI program is open to proposals across the spectrum of natural and social sciences, engineering, humanities and/or health



Social Sciences and Humanities  
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sciences humaines du Canada



CIHR IRSC

Canadian Institutes of  
Health Research    Instituts de recherche  
en santé du Canada

Canada

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# NSERC and the Colleges

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**NSERC views the colleges as:**

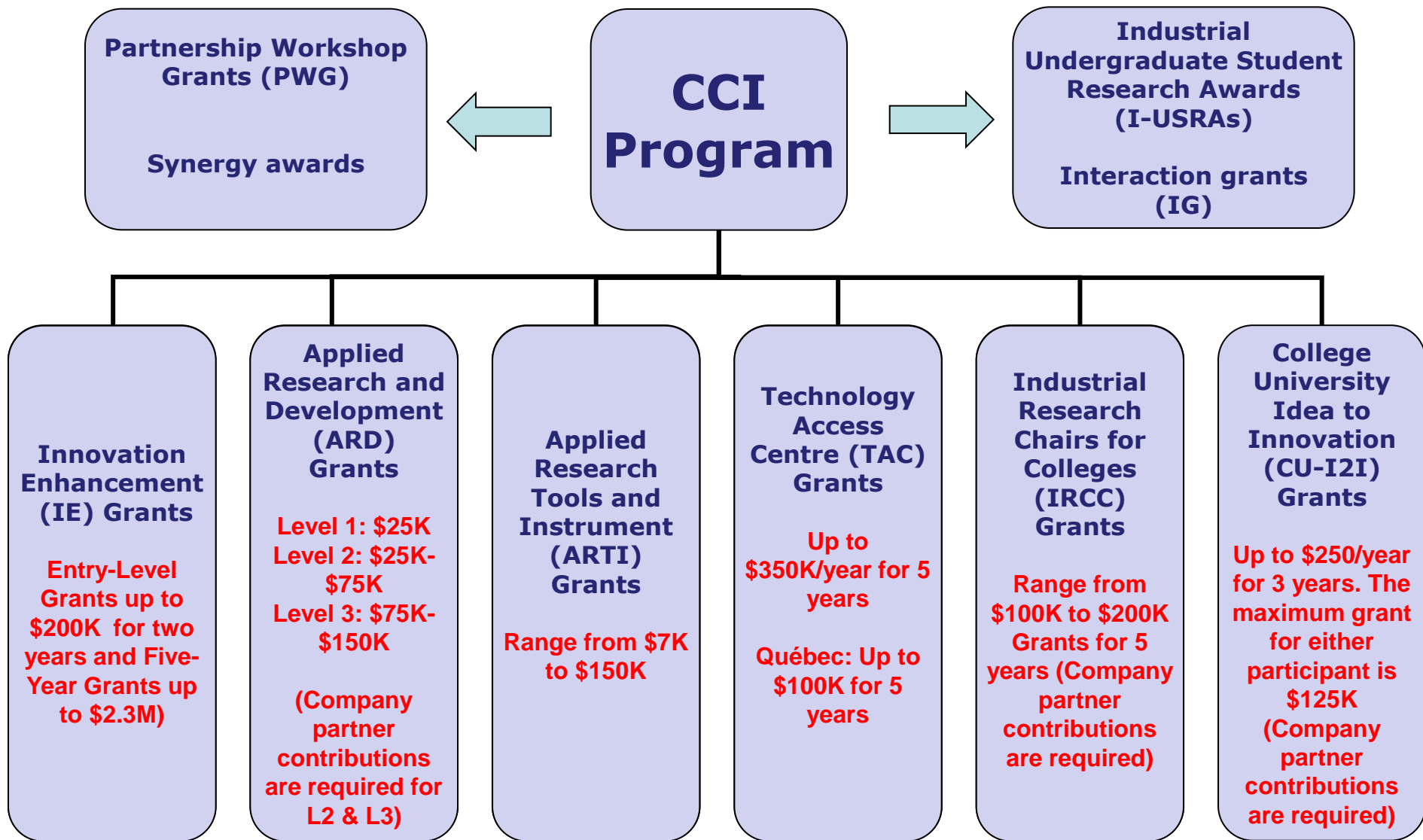
- **Closely linked with industry locally and regionally**
- **Playing an important and growing role in advancing innovation**
- **Having a unique role distinct from that of universities**

**NSERC's goal:**

- **Assist the colleges in advancing innovation (existing programs and new mechanisms)**

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# CCI Program – Objectives

- Increase innovation at the community and/or regional level by enabling Canadian colleges to strengthen their capacity to work with local companies, particularly SMEs
- Support applied research and collaborations that facilitate commercialization, as well as technology transfer, adaptation and adoption of new technologies



# ICC program

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- Who can be recognized as a partner?
  - Businesses, public utilities and industry associations can be eligible partners. Universities, government agencies and other organizations may also participate in the proposed activities and projects as collaborators.
- Who is eligible to apply?
  - An employee of the college, preferably an administrator or a manager who has experience in managing grants of a value equivalent to the amount for which the application is being made.



# Innovation Enhancement Grants (IE)

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- Entry-Level IE Grants (Funding of up to \$100,000 per year for two years).
- Five-Year Innovation Enhancement Grants (2,3 millions – base funding of up to \$500,000 per year for the first three years and up to \$400,000 for years 4 and 5).
- **Anticipated Impacts :**
  - Encourage colleges and industry partnerships
  - Professors and Students participating in applied R&D activities on real industry problems
  - Increase applied research capacity and TT activities
  - New technologies and processes adopted by local companies and other organizations

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# Entry Level IE grant

- Enable Canadian colleges to build their capacity to work with local companies.
- The Entry level grant would allow colleges to:
  - Hire a research coordinator;
  - Undertake several smaller projects with partners;
  - Release faculty to participate in projects per year; and/or
  - Engage students to participate in these projects.



# Applied Research and Development Grant (ARD)

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- The ARD grants are intended to provide Canadian companies access to the knowledge, expertise and capabilities available at colleges.
- ARD grants support well-defined applied research and development projects undertaken by college researchers with their private-sector partners.
- No Deadline.
- Projects duration: Six months to three years.

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# Applied Research and Development Grant (ARD)

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Three levels of grants:

1. Up to \$25K (six months)
  - Requires a new relationship, private sector partner contribution,
  - internal review, 4-6 week target
2. Up to \$75K / year, up to 3 years:
  - Private sector partner(s) contribute at least half of the amount requested from NSERC, in cash and/or in-kind
  - External peer review
3. Projects between \$75K and 150k per year, up to 3 years:
  - Private sector partner(s) contribute at least equal to the amount requested from NSERC, in cash and/or in kind
  - External peer review and committee review



# Applied Research Tools and Instruments Grant (ARTI)

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- One-year awards
- Support the purchase of research equipment valued between \$7,000 and \$150,000
- Single item or a collection of items targeted at a particular applied R&D capability
- Submit multiple proposals if the college has equipment needs for projects with companies in a variety of applied research areas.
- Competition Deadline: December 10, 2013



# Technology Access Center Grant (TAC)

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- Technology Access Centre grants are intended to enhance the ability of companies, particularly small and medium-sized enterprises (SMEs), to become more productive and innovative by enabling them to readily access college expertise, technology and equipment. This access to college capabilities is intended to enhance the productivity, competitiveness and innovation of the participating SMEs.
- Long Term Goal: Realize a significant improvement in innovation impacts by SMEs



# Industrial Research Chairs for Colleges (IRCC)

**Objective:** The IRCC supports applied research leaders and the development of business focused applied research programs at colleges.

## **Expected Outcomes:**

- increased delivery of innovative applied research solutions to local companies at the community and/or regional level;
- enhanced teaching and curricula;
- increased faculty and staff participation in applied research activities;
- increased opportunities for students to gain industrial problem solving experience; and
- increased knowledge and technology transfer between colleges and companies, with the objective of increasing the productivity and competitiveness of local companies, particularly small and medium-sized enterprises (SMEs).



# IRCC Funding

- Funding will range from \$100K - \$200K annually
- Chairs will be established for five year terms
- Eligible expenditures include:
  - Chairholder salary plus benefits
  - Faculty course load reduction, research staff, and students
  - Equipment (up to 20% of grant)
  - Overhead (up to 20% of grant)
  - Other (Operating costs, material, project travel, etc.)

Note: Please see CCI Financial Guide for details



# College-University Idea to Innovation (CU-I2I)

**Objective:** CU-I2I grants are intended to develop and strengthen research links between colleges, universities and businesses to accelerate the development of promising technologies and promote their commercialization into the Canadian marketplace.

- Must have at least one participant of each: College, University, eligible company partner(s).
- Applicant can be College or University. The other institution will be the co-applicant.
- Grants will be transferred to applicant institution. Applicant institution will then transfer funds to co-applicant institution in accordance with the application budget.





# CU-I2I Funding

- Grants can be up to \$250K annually
- Duration of grants can be up to 3 years
- Eligible expenditures include:
  - Faculty course load reduction (college only), technical/research assistants, postdoctoral fellows (university only) and students
  - Equipment (up to 20% of grant)
  - Overhead (up to 20% of grant for college only)
  - Other (Operating costs, material, project travel, etc.)

Note: Please see CCI Financial Guide for details



# Synergy Awards for Innovation

**NEW FOR COLLEGES !!!**

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- Honour outstanding applied research partnerships between a college and one or more Canadian based companies, in the natural sciences and engineering.
- Winning institution will receive up to **\$100,000** for an **Applied Research Tools and Instruments grant**.
- Company partner(s) will receive a **\$20,000 voucher** valid for a cash portion of their required contribution towards any NSERC – CCI Program grant.
- Nomination deadline: **April 15, 2014**

# Interaction Grants (IG)

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## INTERACTION GRANTS

- Allows Colleges to establish contact with one or more companies
- Enable researchers and their company partners to identify potential research projects
- Up to \$5 000 for up to three months
- Managed by NSERC's regional offices

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# Partnerships Workshops Grants (PWG)

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## PARTNERSHIPS WORKSHOPS GRANTS

- Up to \$25,000 to organize a single workshop or several events of limited participation with the objective of building new relationships between post-secondary academic institutions and Canadian businesses
- No deadline to submit an application
- Up to \$25,000 for one year
- Managed by NSERC's regional offices

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# Questions

## Contact Information:

**Jack Deyirmendjian**

**613-996-2145**

**[jack.deyirmendjian@nserc-crsng.gc.ca](mailto:jack.deyirmendjian@nserc-crsng.gc.ca)**

**Marie Thibault (ARD & TAC)**

**613-996-9402**

**[Marie.thibault@nserc-crsng.gc.ca](mailto:Marie.thibault@nserc-crsng.gc.ca)**

**Patrick St-Pierre (IE)**

**613-944-7533**

**[Patrick.St-Pierre@nserc-crsng.gc.ca](mailto:Patrick.St-Pierre@nserc-crsng.gc.ca)**

**Suzanne Liou (CU-I2I- IRCC)**

**613-996-5984**

**[Suzanne.liou@nserc-crsng.gc.ca](mailto:Suzanne.liou@nserc-crsng.gc.ca)**

**Karen Payette (ARTI)**

**613-996-4659**

**[Karen.Payette@nserc-crsng.gc.ca](mailto:Karen.Payette@nserc-crsng.gc.ca)**

