

Purpose

- Information sharing
- Feedback from you



Overview

- Discovery Research
- Scholarships and Fellowships
- Women in Science and Engineering
- Policies and guidelines - update





NSERC
CRSNG

- \$1.1 billion dollars
- 11,300 professors
- 30,500 post-secondary students and post-doctoral fellows
- 3,000 Canadian companies

“Making Canada a country of discoverers and innovators for the benefit of all Canadians”



Discover /

We invest in scientific discovery and talent for the benefit of Canada – science and engineering at the frontier of knowledge.

Innovate /

We ensure businesses are the first to know – use discoveries to accelerate R&D.

Featured News



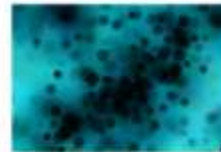
Governor general announces Canada's top natural sciences and engineering researchers for 2015

February 27, 2015

Celebrated research includes ground-breaking chemical theories, computers that think like humans, and new production of medical isotopes.

Latest News

[See all news](#)



Zooming in on cancer cells

April 2, 2015

Minister Holder says Government will increase investment to create jobs in science, technology, engineering and mathematics

March 18, 2015

Minister Holder announces new Open Access Policy for research

February 27, 2015

Search for the next Vice-President of Research Partnerships

February 11, 2015



New NSERC funding for arctic observing and research for sustainability

March 24, 2015

Government of Canada supports over 75 science and engineering research teams

February 20, 2015

NSERC announces increase in postdoctoral fellowship offers for 2015

February 6, 2015

Features



Celebrate research excellence

NSERC award winners
shine



Strategic plan consultations

A Vision of NSERC in
2020



Dr. S. Marc Perle

Connect with our
President



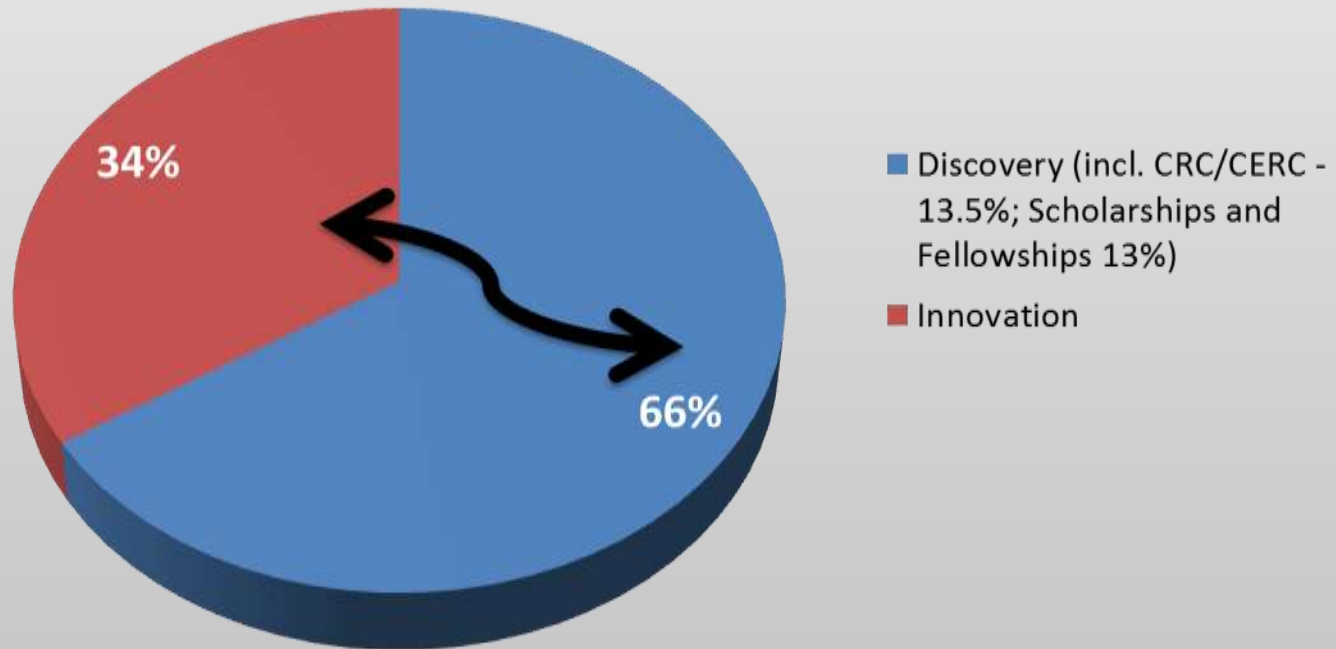
NSERC Dashboard

Where we invest and why



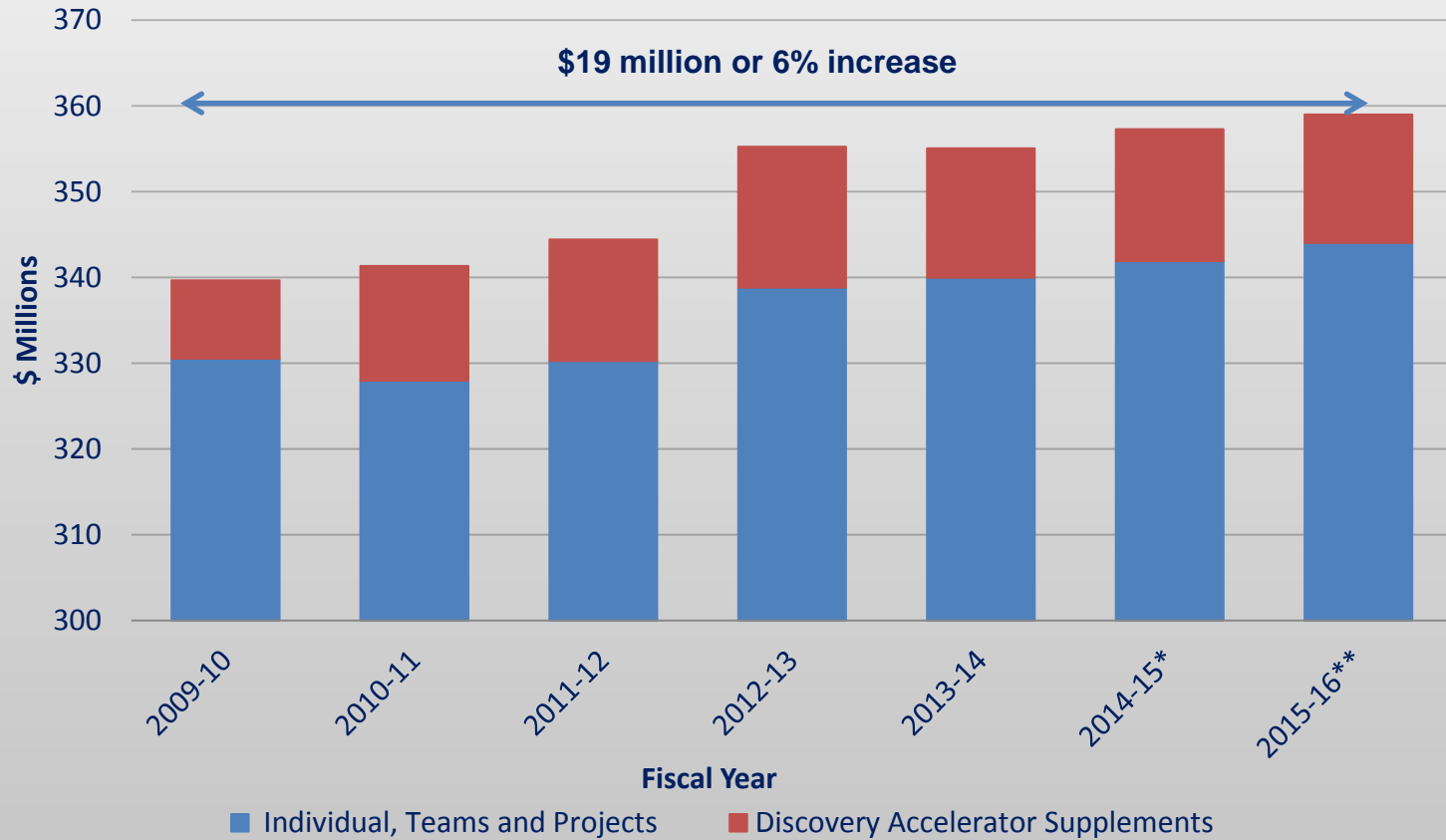
Dynamic Interaction of Discovery and Innovation

Grants and Scholarships Budget, 2014-15



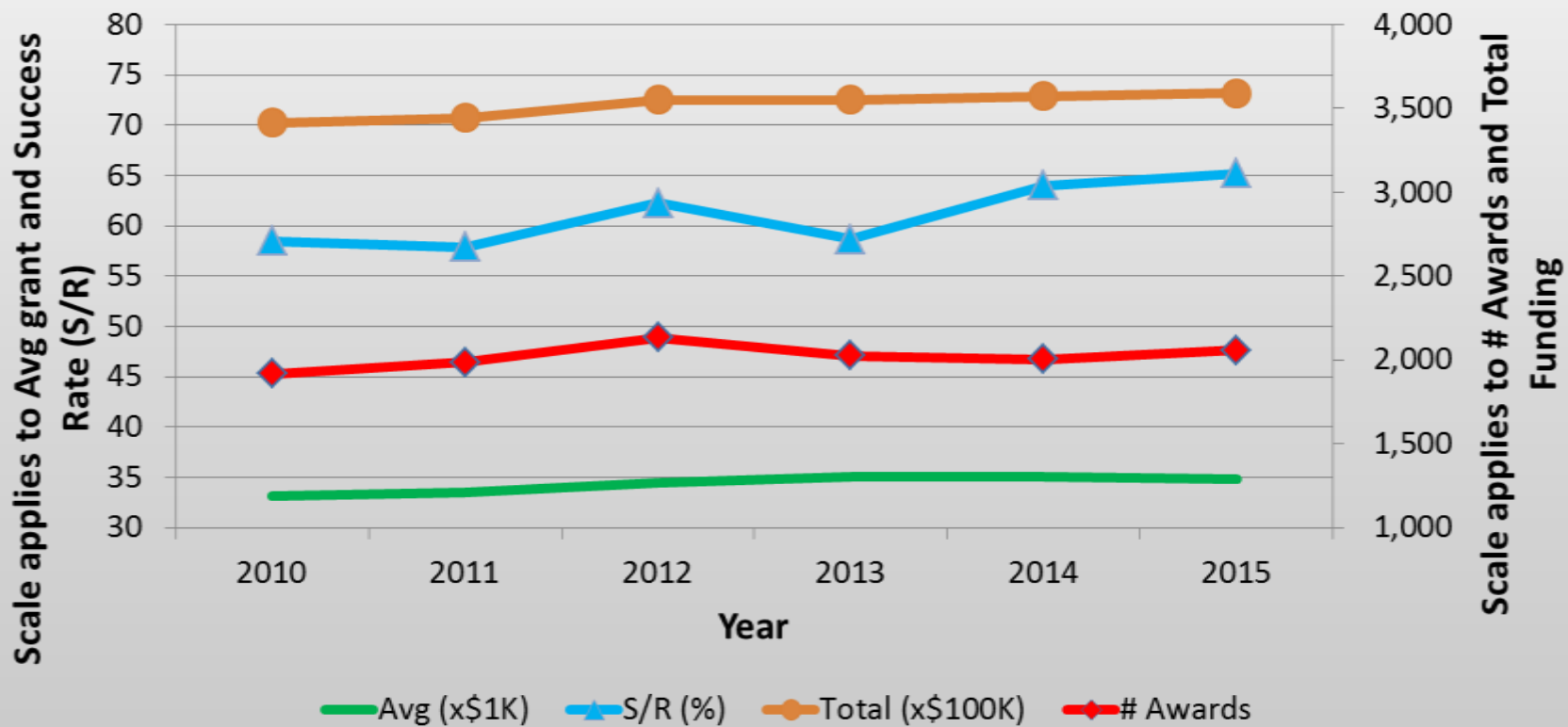
Excludes administration, 4.7% of total budget.

NSERC Discovery Grants Funding (millions of dollars)



* Expected expenditures.

Discovery Grant: Total Funding, Success Rates, Number of Awards and Average Award



Discovery Grants Program Evaluation

- Discovery Accelerator Supplement:
 - definition refined
- Support for Early Stage:
 - evaluation-related improvements started
- HQP/Training:
 - evaluation-related improvements started, further analysis underway;
- Peer-review-related efficiencies:
 - high priority next step.



Discovery Grants Budget Allocation

- Preparing to launch a review of the budget allocation methodology
- **Goal:** ensure the program remains effective, accountable and that funds are used optimally
- Opportunity to introduce new factors to allocate funds among the 12 Evaluation Groups
- Discipline comparisons and allocations to be informed by quantitative indicators and expert judgment



Discovery Development Grants

- Promote a diversified base of high-quality research in small universities
- Foster a stimulating environment for research training in small universities
- \$10K/year for 2 years



Research Tools and Instruments

- Smaller national competition with quota of applications per university

	2015	2014	2013
Budget	\$25M	\$19.5M	\$25M
# Appl.	666	468	1,262
# Funded	218	176	295
Success Rate	33%	38%	23%
Funding Rate	34%	38%	24%

People Portfolio Strategy

Evolving research landscape:

- Rising expectations for translating knowledge into real-world solutions
- Prospects for tenure-track research positions have decreased
- Government's emphasis on job creation and market readiness of trainees
- Need to foster a stronger science culture among Canadians

People Portfolio Strategy Themes

- Professional skills development
 - Outreach and mentoring activities
- Globally competitive funding levels
- Student mobility including international
- Fostering a science culture
- Gender equity

CGS M: Revisiting the Design

- Continue with current competition model (reviews devolved to universities), and develop a comprehensive quality monitoring scheme
- Develop an allocation formula that takes into account research excellence
- Other issues to explore: Process for single review of applications and portable awards

Postdoctoral Fellowships

- 180 offers this year, up from the 130 PDF offers made in 2014
 - NSERC will continue to fund PDFs at an increased rate as budgets permit
- The value of a PDF is now \$45,000 per year
- Application pressure more manageable since one application is allowed



WISE – Draft Action Plan

- Policy Statement
- Reporting competition results by gender
- Representation of women on peer review cttees
- Awareness of gender bias
- Awareness of gender-based analysis
- Policies and practices
- Consultation and engagement of stakeholders



NSERC's Mandate

- ...to promote and assist research in the natural sciences and engineering, other than the health sciences... (NSERC Act 1978)
- Clarification of NSERC guidelines
 - Updates to tri-agency document: “Selecting the Appropriate Federal Granting Agency”
 - Creation of NSERC-specific guidelines document
 - Staff validation of updated Subject Matter Eligibility tools



Interdisciplinary research

- Several programs fund interdisciplinary research - some cross into tri-agency mandates
- Guidelines in place for interdisciplinary applications
- Common platforms for research funding requests
- Interagency Working Group on interdisciplinary research



Open Access

Tri-Agency Open Access Policy on Publications

- Researchers must make articles freely available online within 12 months of publication
- Applies to all grants awarded May 1, 2015 and onward
- How to comply:
 - Deposit peer-reviewed manuscript in a repository; and/or
 - Submit manuscript to journal that offers open access within 12 months
- For more information: Tri-Agency Policy [FAQs](#) and [Toolbox](#) or contact: openaccess@nserc-crsng.gc.ca



Research Portal

NSERC programs on Research Portal:

- NEW: Research Tools and Instruments
- Discovery Grants
- Subatomic Physics
- Canada Graduate Scholarships – Master's



Research Portal and CCV Enhancements

- Users can unlock their Research Portal accounts
- Improved RGO/SLO functionalities (e.g. filters)
- CGS M referees can save a draft report
- Import publication data from databases
- Improved formatting of PDFs
- Standardized format for reporting publications
- Allows symbols and formatting



Wrap-up

- Final questions comments?
- Further engagement visits planned at campuses across Canada
- Other suggestions, questions can be directed to connect@nserc-crsng.gc.ca
- Thank you!

