People. Discovery. Innovation.
Les gens. La découverte. L'innovation.

NSERC
CRSNG

Natural Sciences and Engineering Research Council of Canada

Conseil de recherches en sciences naturelles et en génie du Canada

Canada

Overview

NSERC's vision is to make Canada a country of discoverers and innovators for the benefit of all Canadians.

- Supports more than **34,000** students and postdoctoral fellows.

- Funds more than **11,700** professors for their research programs.

- Supports university and college-industry research partnerships with over **3,600** Canadian companies.

- Business invests more than $**250 million** in university and college researchers.

NSERC Budget 2018-2019
**Total: $1.26 billion**

$374M
(30%)

$890M
(70%)
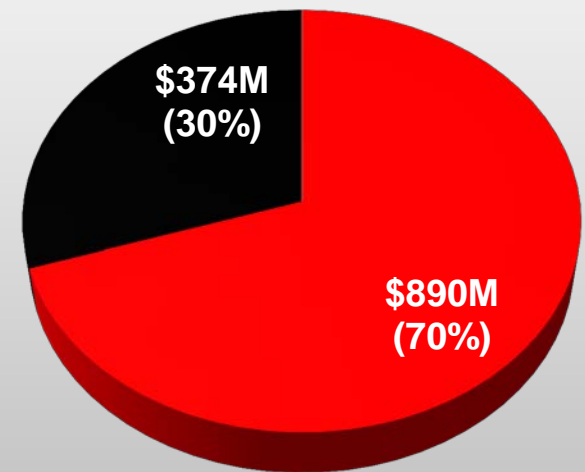
- ■ Discovery (includes Scholarships & Fellowships)
- ■ Innovation

Excludes administration, 4% of total budget.
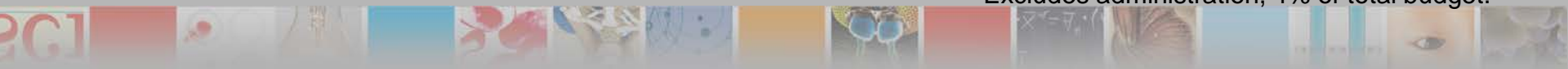
Canada Research Coordinating Committee

- Created to provide a focal point for expanding existing coordination and harmonization efforts amongst Canada's granting agencies —the Social Sciences and Humanities Research Council of Canada, the Natural Sciences and Engineering Research Council of Canada, and the Canadian Institutes of Health Research—as well as the Canada Foundation for Innovation, Health Canada (HC), Innovation, Science and Economic Development Canada (ISED), the National Research Council (NRC) and the Office of the Chief Science Advisor
- Priority areas:
  - international, multidisciplinary, high-risk and rapid-response research
  - emerging areas of research
  - equity, diversity and inclusion
  - indigenous research and researchers
  - support through the research career life cycle
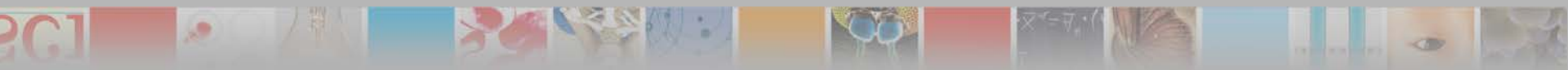
Federal Budget 2019 Investing in the Middle Class

$151.4 million over five years, starting in 2019/20, to the agencies

Agency	Programs	Over five years	Ongoing/year
NSERC/CIHR/ SSHRC	Canada Graduate Scholarship (CGS) Master's (CGS-M) and Doctoral (CGS-D)	$114 million	$26.5 million
NSERC/CIHR/ SSHRC	Paid parental leave for student researchers	$37.4 million	$8.6 million
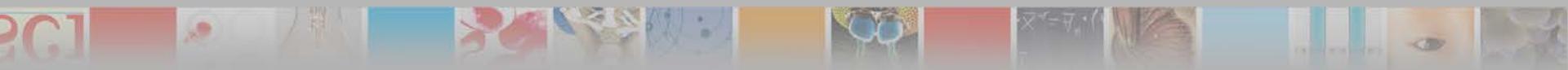
# Federal Budget 2018 Investing in Canadian Scientists and Researchers

| Agency	Programs	Over five years	Ongoing/year
NSERC		$354.7 million	$90.1 million
CIHR		$354.7 million	$90.1 million
SSHRC		$215.5 million	$54.8 million
Tri-councils	New EDI initiatives	$21 million	--
Tri-councils	New research fund	$275 million	$65 million
Tri-councils	Colleges (CCI)	$140 million	--
Tri-councils	CRC (early career)	$210 million	$50 million
Tri-councils	Research support fund	$231.3 million	$58.8 million
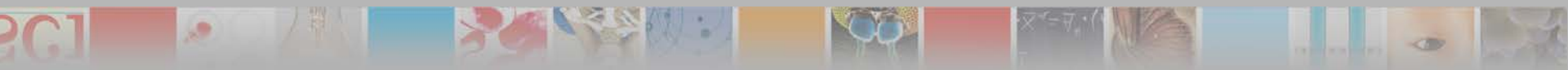
Federal Investment in Fundamental Research

	2018-19	2019-20	2020-21	2021-22	2022-23	On-going
Federal Budget Amount	$44M	$59M	$71M	$90M	$90M	$90M

- 25% increase in Discovery Program budget
  - Tied to "clear objectives and conditions so that Canada's next generation of researchers – including students, trainees and early-career researchers – is larger, more diverse and better supported"

- $44M in 2018-19 includes new funds for:
  - **Discovery Grants**
  - Early Career Researchers
  - Discovery Development Grants
  - Research Tools and Instruments
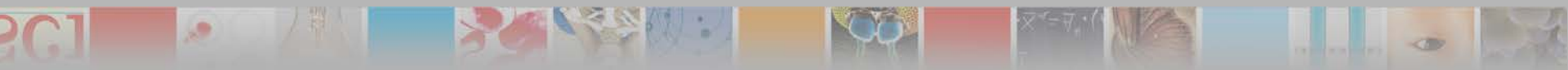 - Scholarships and Fellowships
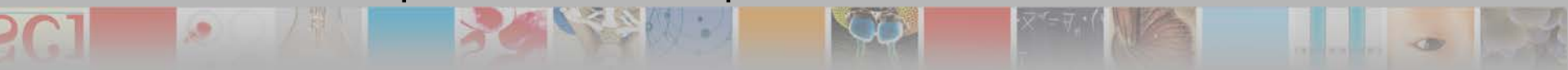
New Frontiers in Research Fund (NFRF)

- Announced in Budget 2018; launched December 6
- Initial budget of $275M over five years; $65M ongoing, with additional investments in the upcoming years for a total of $130M per year
- Administered by SSHRC on behalf of the tri-agencies with the Canada Research Coordinating Committee acting as the steering committee
- Fund will support research that is international, interdisciplinary, fast-breaking and higher-risk
  - **Exploration** will generate opportunities for Canada to build strength in high-risk / high-reward and interdisciplinary research.
  - **Transformation** will provide large-scale support for Canada to build strength and leadership in interdisciplinary and transformative research.
  - **International** will enhance opportunities for Canadian researchers to participate in research with international partners.
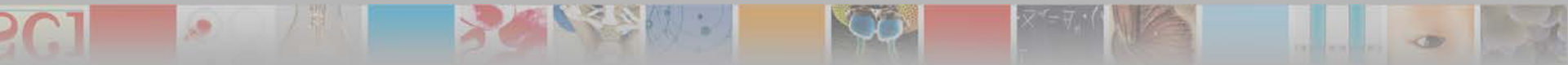
NFRF Inaugural Exploration Stream Competition

- Launched December 6, 2018
- Nearly 1700 NOIs received
- 1315 eligible applications submitted
- 157 grants awarded for a total of $38M over 2 years

Networks of Centres of Excellence Update

- (December 2018) Funding for the Networks of Centres of Excellence (NCE) program will be gradually transferred to the New Frontiers in Research Fund over the next several years.

- (March 2018) In Budget 2018, the Government announced the consolidation of the Centres of Excellence for Commercialization and Research (CECR) and the Business-led Networks of Centres of Excellence (BL-NCE) programs with the Strategic Innovation Fund (SIF).

"*The government recognizes that NCEs have made significant contributions to the research and innovation landscape. As reflected in its historic investments in research, the government remains committed to continuing to support Canadian researchers and collaborative networks of researchers.*"
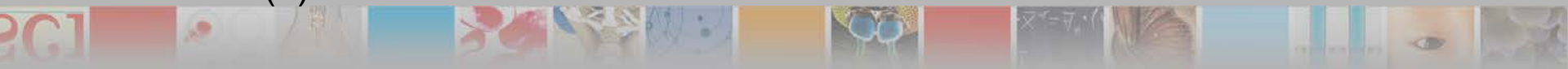
NCE RCE
Networks of Centres | Réseaux de centres
of Excellence of Canada | d'excellence du Canada
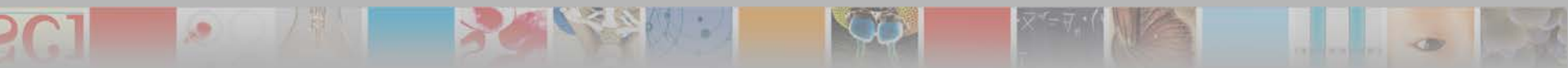
Networks of Centres of Excellence Time-table for wind-down

NCE cohort	End-date
Successful applicants to 2018 NCE competition (n= 4)	March 2024
Successful applicants to 2018 NCE-KM competition (n=3)	March 2023
Networks up for renewal competition in 2019/20 (n = 5)	March 2023
All other networks* (n = 11)	End of current grant None later than March 2022

* Includes classic NCEs (3), NCE Knowledge Mobilization networks (5), Canada-India Research Centre of Excellence (1) and International Knowledge Translation Platforms (2)

Over to you…

- Questions?

- Comments?

- Advice?

Please feel free to ask your questions in the official language of your choice
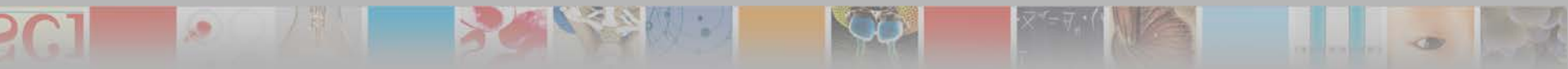
Dimensions Background

<u>Brief Overview</u> - Internationally Recognized Program – Athena SWAN

- Initiated in the United Kingdom in 2005
- Model exported to Ireland, Australia, and the United States

<u>How it Works</u>: Individualised approach requiring institutions to:

- Collect quantitative and qualitative data
- Critically analyse data and identify gaps
- Identify reasons for exclusion and under-representation
- Develop 4-year action plan
- Show progress over time
- REPEAT!

Data → Analysis → Action →Impact

Dimensions Background

Why does it work?

- Set up by and for the academic and research community
- Led and championed by senior academic and administrative leaders: buy-in from the top
- Requires thorough self-assessment and reflection to understand institutional data and challenges
- Promotes staff, faculty, and student consultation and engagement
- Awards are valid for 4 years only
- Peer review process

What are the benefits?

- Highlights areas for positive changes
- Provides recognition and focal point for existing informal good practices
- Increases awareness of career progression issues
- Encourages increased transparency
- Demonstrates good working environment to job applicants and students
- Flexibility to adapt to context – different disciplines, location, size, type of institution

Lessons Learned from Implementation Abroad

- Embed intersectionality (instead of as "add on")
- Clear guidelines for institutions
- Favour individualized approach for institutions
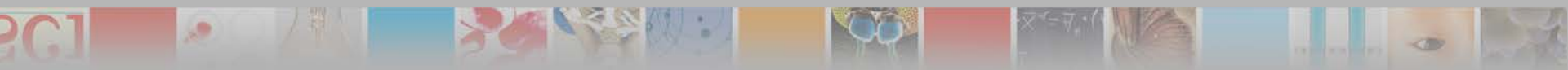
Dimensions Program

- **voluntary** and will **build on work** institutions are already doing

- tailored to the context & realities of Canada:

- pilot project – limited number of institutions

- broader scope than other models

- dimensionsEDI@nserc-crsng.gc.ca

All post-secondary institutions

All under-represented groups

All academic disciplines
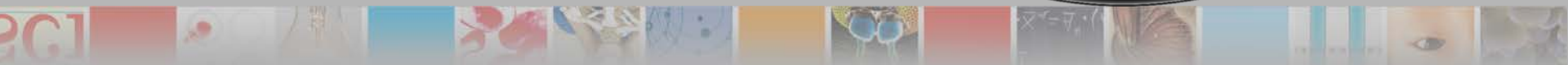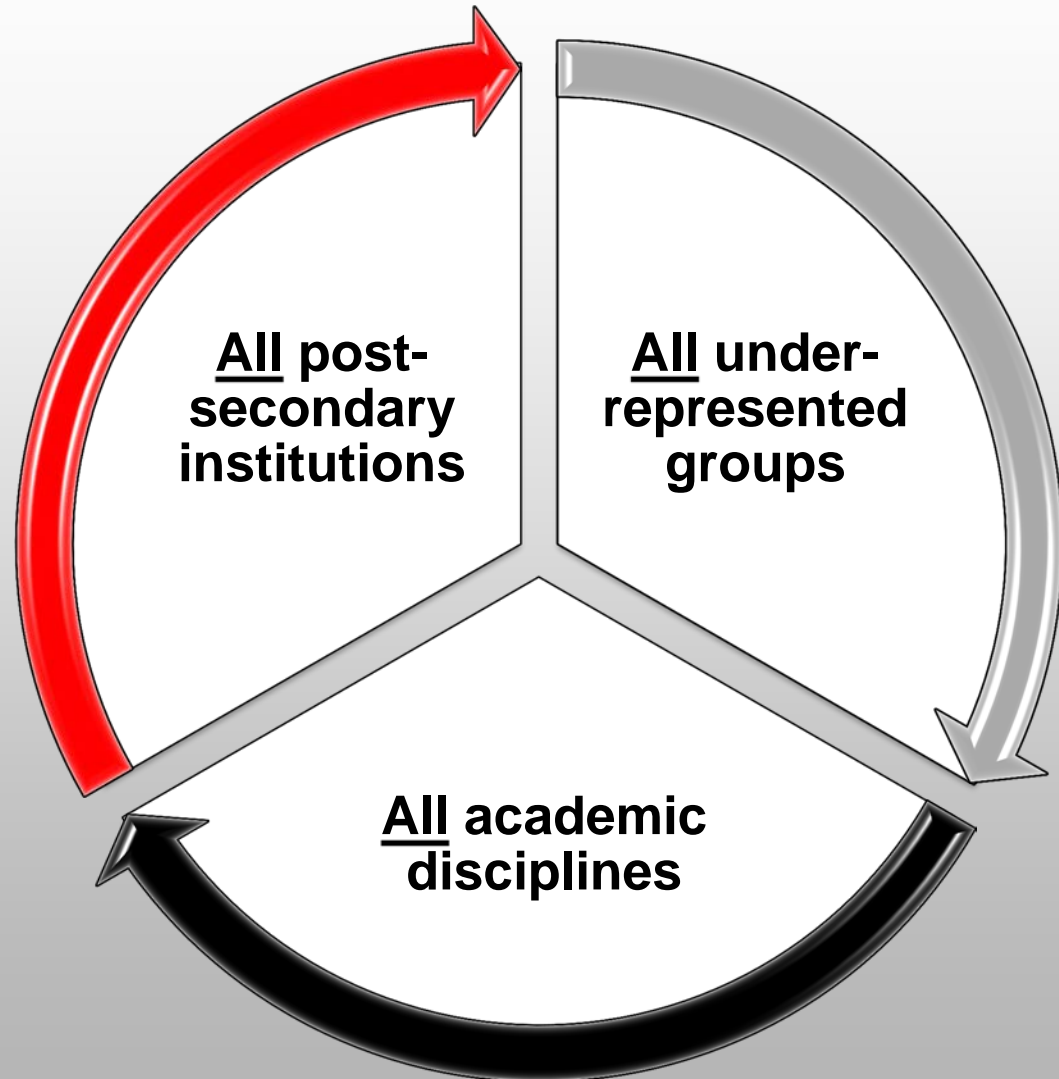
Dimensions Proposed Timeline to Implementation

| Milestones	Dates
Initial Consultations on Program	Fall 2018
Draft Charter consultations	February–March 2019
Launch of Charter	May 9 2019
Post-secondary institutions to voluntarily sign-on to the Dimensions Charter	Spring 2019
Interested institutions submit their Letters of Intent (LOIs)	June 2019
Selection of post-secondary institutions participating in pilot	July 2019
Institutions receive handbook and application materials to prepare their applications	Fall 2019
Full application deadline and peer review of applications	Late Summer 2021
Awards issued	October 2021
Assessment of pilot	April 2022
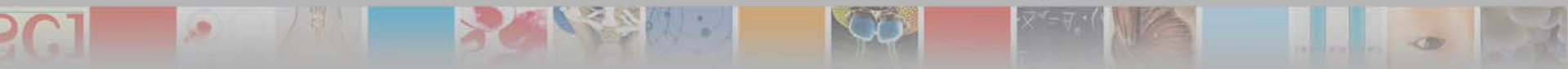
Equity, Diversity and Inclusion (EDI) Institutional Capacity-Building Grant

Created in 2018 - $10 million over 5 years

Objectives

- To foster EDI in the Canadian post-secondary research enterprise
- Funds will allow institutions to undertake activities to advance their own EDI objectives

Value	Up to $200,000 per year, for up to two years, non-renewable		
Eligible institutions	Canadian universities with Canada Research Chairs (CRC) program quota of 1 to 10 Canadian colleges that received between a total of $100K and $4M in tri-agency funding		
Selection Criteria	• Motivation	• Merit of Proposed Project	• Institutional Commitment
Evaluation	Reviewed by a Committee constituted of researchers, administrators with expertise in EDI.		
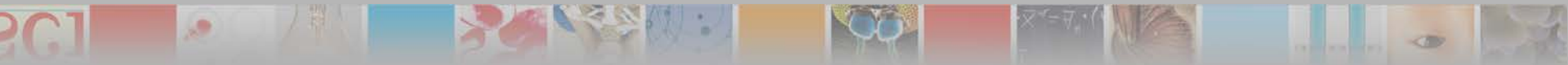
Collection of Self-Identification Data

Why is self-identification data collection important?

- Driven by the Government of Canada's commitment to equity, diversity and inclusion (EDI) in the federal research enterprise.

- Also guided by:

  - Canada Research Coordinating Committee's work plan includes "removing barriers faced by under-represented and disadvantaged groups to ensure equitable access across the granting agencies and establish Canada as a world leader in equity, diversity and inclusion in research";

  - Budget 2018 which requires the granting agencies "to publish an annual report for Canadians on progress in addressing challenges in the research system, including equity and diversity, and support for researchers at various career stages"; and

  - Canada's Fundamental Science Review's recommendation that federal funding agencies "should collaborate to improve data collection and analysis".
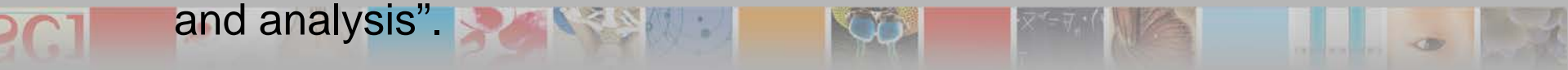
Collection of Self-Identification Data

What questions are included in the mandatory self-identification form?

The granting agencies ask for the following information:

1. Age - What is your date of birth?

2. Gender – Select the option that you identify with, i.e. Woman; Man; or Gender-fluid, non-binary; and/or Two-Spirit

3. Indigenous Identity – Do you identify as Indigenous - that is First Nations (North American Indian), Métis, or Inuit?

4. Person with a disability – are you person with a disability?

5. Visible Minority - Do you identify as a member of a visible minority in Canada?

Completing the self-identification form is mandatory, but for each category there is an option for "I prefer not to answer."

Collection of Self-Identification Data

Progress to date:

– Summer 2018: [An open letter from Tri-Agency Presidents to the research community](#)

– May-December 2018, collection of self-identification information from **applicants and co-applicants** to all funding opportunities

- Questions focussed on age, gender, Indigenous identity, and status as a member of a visible minority group or person with a disability

- Over 10,000 forms collected over this period (**NSERC data**)

- High response rates (over 90%, *all fields combined*)

Upcoming data collection:

– Implementing self-identification data collection from members of panels and reviewers;

– Including members of governance committees in self-identification data collection.
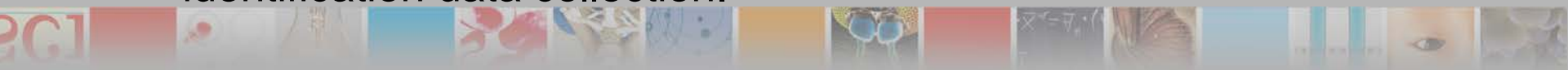
Equity, Diversity, and Inclusion

Equity, diversity and inclusion (EDI) strengthen the scientific and engineering communities and the quality, social relevance and impact of research.

Visit NSERC's EDI website for resources:

- NSERC's EDI framework
- Training modules and tools
- Related programs and awards
- Events, such as Gender Summit

Over to you…

- Questions?

- Comments?

- Advice?

Please feel free to ask your questions in the official language of your choice

Alliance Grants

Benefits

Prior Programs

- Engage Grants
- Collaborative Research & Development Grants
- Strategic Grants
- Industrial Research Chairs

Alliance Grants

- one program
- more flexible
- scalable
- simpler processes
- no application deadlines
- faster decision times
- enhanced partnerships
- fewer restrictions on research topics within NSE

Projects

ONE PROGRAM

1 to 5 years

$20,000 to $1,000,000 per year

Single researcher and partner to multiple participants and multisectorial

Focus on NSE based research activity

Partnerships

Private - Public - Not for Profit

All organizations needed to achieve the research goals

- Active in research activities
- Collectively provide cash and in-kind support
- Utilize or mobilize the project's research results
- Achieve desired impact
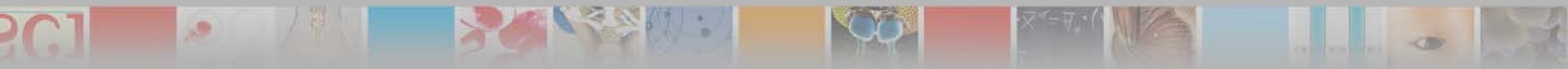
Cost Sharing

OPTION 1	
50% **1:1 leverage ratio**	**66%** **2:1 leverage ratio**
Large partner organizations only	• Small & medium sized partner organizations • Large organizations with SMEs (value chain) • Multisectoral partnership (private, public, not-for-profit)

OPTION 2
90 to 100% **of the shareable costs**
• **100%:** Public & Not-for-profit • **90%:** Private sector • Limit of 2 applications per partner organization and per applicant per 12 months period • Grants limited to $200k/year
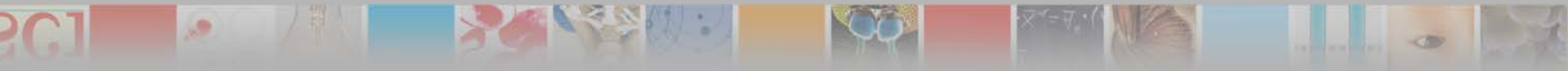
Review

Financial risk-based approach   -   Simpler review format   -   Shorter processing time

Project Size	Small	Medium	Large
Avg. Annual Request	$20,000 to $30,000	$30,000 to $300,000	$300,000 to $1,000,000
Review mechanism	**NSERC File Managers** Supported by existing NSERC peer review	**External Reviewers** With expertise directly related to the proposal	**Ad hoc committee members** With expertise directly related to the proposal
Funding decisions	NSERC assigns merit indicators to determine priority for funding		
Expected decision time*	4 weeks	8-12 weeks	12-16 weeks
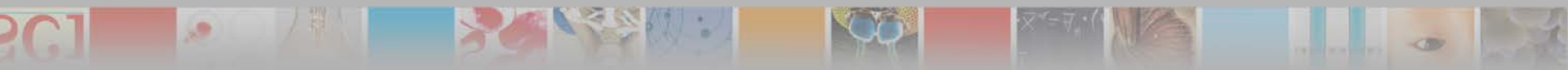
Evaluation Criteria

(1) **Relevance and outcomes**

(2) **Partnership**

(3) **Quality of the Proposal**

(4) **Training**

Transition

TBD   **90% to 100% (Option 2)**

TBD   **SMALL** applications < $30k / year

TBD   **MEDIUM** applications $150k > X > $30k / year

May 21   **LARGE** applications >$150k / year

April 24   **Official launch**

Alliance Grants

Deadline for last invited applications for Industrial Research Chairs   **September 2**

Application deadline for CRD, Engage and Engage+   **May 31**

Prior Programs

Over to you…

- Questions?

- Comments?

- Advice?

Please feel free to ask your questions in the official language of your choice

2019 Competition Results
Peer Review-Thank you

- 3400+ Discovery Grants Applications =

    - 430+ Evaluation Group Members
    - 17 000+ Reviews by EG members
    - 9100+ External Reviewers Reports

> **"NSERC is extremely grateful for your significant contribution of time and effort in this process. We would not be able to operate the Discovery Grants Program – our flagship program – without your dedicated efforts. Your insights and informed feedback are essential to ensure quality in Canada's discovery research enterprise."**
>
> Danika L. Goosney, Vice-President, Research Grants and Scholarships

2019 Competition Results
NSERC Discovery Grants Funding
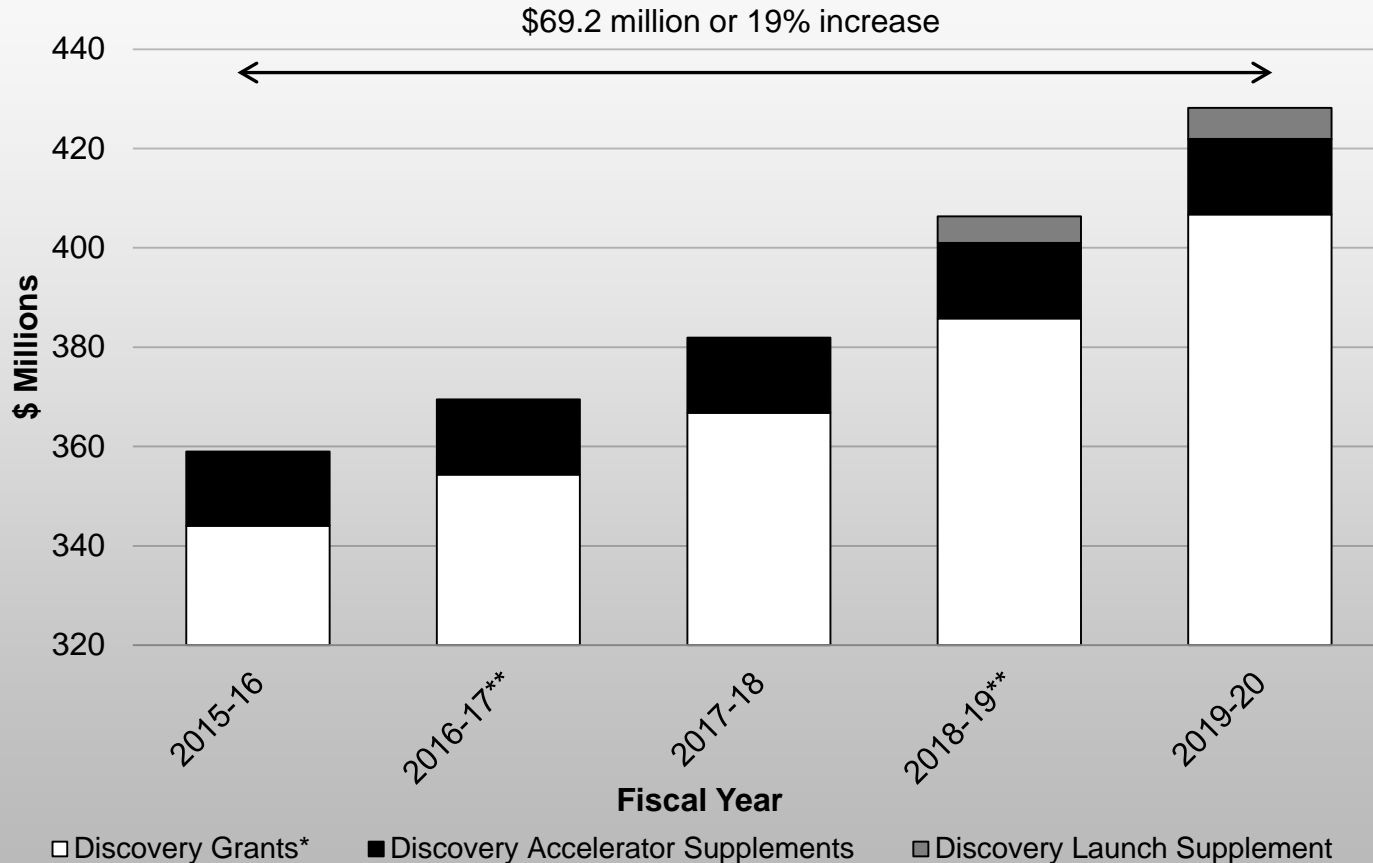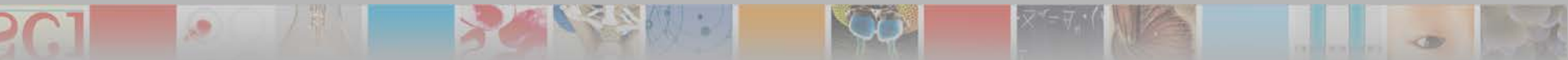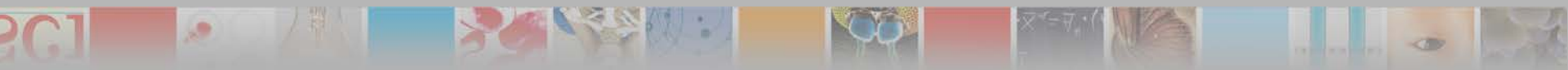(millions of dollars)

*Includes Discovery Grants (Individual and Team) and Subatomic Physics Discovery Grants (Individual, Team and Project)
**Includes additional funding received resulting from Federal Budget 2016 & 2018

Budget 2018 Discovery Grants
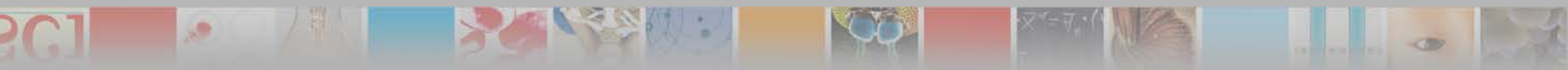
- **$70M** (over 5 years) in additional funds for Discovery Grants awarded in April 2018

  - Discovery Grants awarded in April 2018 increased (10 – 40%)

- Early Career Researchers

  - Beginning in 2018, Early Career Researchers will receive an additional $12,500 one-time award in the first year of their Discovery Grant

- New funds will be added annually to the Discovery Grants budget

  - Ensuring increases seen in 2018 will persist in future years

2019 DG Competition Results
Equity, Diversity and Inclusion (EDI)

		Women	Men	Other Categories
Early Career Researchers (ECR)	Number of awards	166	320	13
	Success rate	56%	57%	54%
Established Researchers (ER)	Number of awards	334	1297	149
	Success rate	73%	70%	70%

Evaluation of Discovery Research Program

- Under the Financial Administration Act, NSERC is required to conduct a review of the relevance and effectiveness of each grant or contribution initiative every five years.

- The current evaluation focuses on the Discovery Research suite of programs (individual Discovery Grants, Supplements, Research Tools and Instruments and other funding mechanisms such as those supporting the institutes).

- The evaluation instruments were developed by the NSERC evaluation team with the input from the Evaluation Advisory Committee, which includes members of the Committee on Discovery Research.

- The main lines of evidence supporting this evaluation include:
  - a review of administrative data;
  - a prizes and awards Review;
  - a bibliometric analysis;
  - a researchers' survey for both funded and non-funded (launched on January 14th and closed on April 5th)
  - key informant interviews; and
  - case studies on the Institutes currently being funded by Discovery Research

- An evaluation report is expected in Fall 2019.
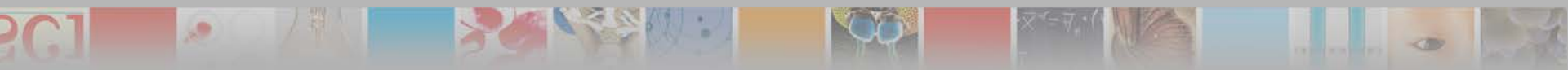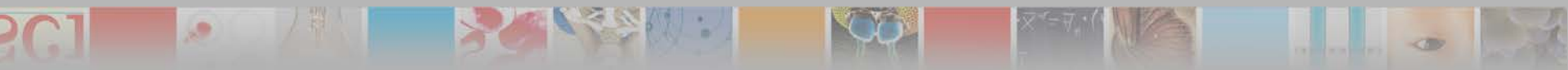
2019 Competition Results
Research Tools and Instruments (RTI)

RTI grants foster and enhance the discovery, innovation and training capability of university researchers in the NSE by supporting the purchase of research equipment

	2014	2015	2016	2017	2018	2019
Budget	$19.5M	$25M	$26M	$30.5M	$25.1M	$25.3M
# Appl.	468	666	657	748	1043	1005
# Funded	176	218	215	241	208	210
Success Rate	38%	33%	33%	32%	20%	21%
Funding Rate	38%	34%	33%	33%	21%	22%

2019 Competition Results
Northern Research Supplements (NRS)

Objective:

- To augment and promote Canadian university-based northern research, training, and outreach by recognizing the added costs unique to conducting research in the Canadian North.

Description:

- **New Application Process CY 2019:** apply as part of DG application within Research Portal - no longer a separate application through On-Line System
- Up to $25,000/year for duration of the DG award
- NRS award amounts based on peer-review consideration of logistical costs and recognizing outstanding contributions to outreach, engagement & communication initiatives w/ northerners

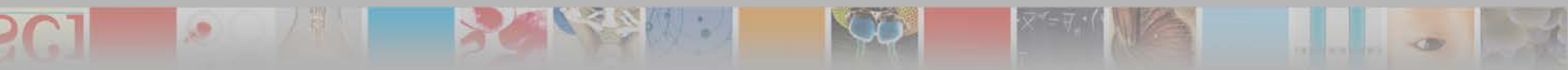Contact: EnviroSciences-SciencesEnviro@nserc-crsng.gc.ca

2019 Competition Results
Northern Research Supplements (NRS)

	Pre-Competition [A]				Competition [B]					
Competition Year	# Apps Received Nov 1st	Success Rate (overall)	$ Requested (overall)	Funding Rate (overall)	# of Apps Reviewed by Cttee	# of Apps funded	Success Rate (Comp)	$ Requested (Comp)	$ Awarded (Comp)	Funding Rate (Comp)
2019	**69**	**44.9%**	**$1,569,697**	**33.5%**	**46**	**31**	**67.4%**	**$985,890**	**$526,000**	**53.4%**
2018	49	61.2%	$1,100,054	41.0%	40	30	75.0%	$927,807	$450,940	48.6%
2017	49	63.3%	$1,166,021	44.4%	44	31	70.5%	$1,068,747	$518,230	48.5%
2016	36	50.0%	$749,221	39.4%	28	18	64.3%	$584,659	$295,000	50.5%
2015	41	65.9%	$877,995	48.6%	34	27	79.4%	$749,690	$426,300	56.9%
2014	48	56.3%	$1,027,478	41.4%	36	27	75.0%	$767,051	$425,820	55.5%
2013	55	56.4%	$1,194,504	45.2%	39	31	79.5%	$886,815	$539,500	60.8%
2012	44	63.6%	$939,935	50.0%	36	28	77.8%	$785,235	$469,500	59.8%
7-yr Average (2012 - 2018)	46.0	59.5%	$1,007,887	44.3%	36.7	27.4	74.5%	$824,286	$446,470	54.4%

A - these data represent information BEFORE the NRS Competition and BEFORE unsuccessful DG applicants were removed from consideration

B - these data represent information DURING the NRS Competition and AFTER the unsuccessful DG applicants were removed

2019 Competition Results
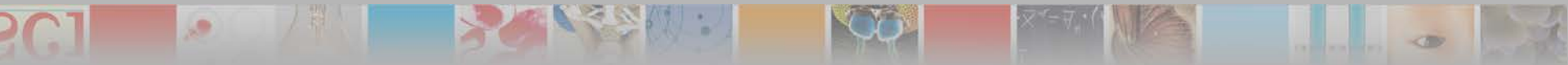## Ship Time Program

Objective:

- Assists with the high costs associated with chartering research vessels in Canada and abroad, in support of on-going Discovery research programs

Description:

- NEW: Selection Criteria updated - with weighted scoring applied by committee and more feedback provided to applicants
- Applicants must hold a Discovery Grant *(or be successful in current DG competition)*
- Duration usually one year *(potential 2 years of funding, if justified)*
- Deadline: September 3rd

Contact: EnviroSciences-SciencesEnviro@nserc-crsng.gc.ca

2019 Competition Results
Ship Time Program

Competition Year	# of apps reviewed	# of apps awarded	Success rate	Funding rate	Total Requested in Competition	Total Amount Awarded
2019	**11**	**7**	**63.6%**	**68.8%**	**$1,544,392**	**$1,061,899**
2018	9	7	77.8%	55.0%	$1,697,547	$933,172
2017	7	5	71.4%	74.6%	$1,288,647	$961,217
2016	11	8	72.7%	72.9%	$1,359,841	$991,279
2015	10	6	60.0%	65.4%	$1,643,194	$1,075,433
2014	9	8	88.9%	67.7%	$1,034,292	$700,378
2013	13	10	76.9%	49.4%	$2,024,427	$1,000,000
2012	8	6	75.0%	70.1%	$738,548	$517,688
2011	13	11	84.6%	75.0%	$1,098,163	$824,169
8-yr Average*	**10.0**	**7.6**	**75.9%**	**66.3%**	**$ 1,360,582**	**$ 875,417**

* does not include current year's statistics
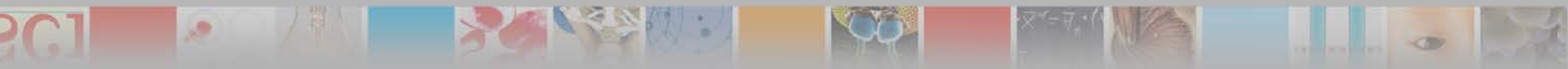
2019 Competition Results
Discovery Accelerator Supplements

- DAS provides resources to researchers who:
  - *Have highly original and innovative research programs*
  - *Show strong potential to become international leaders within their field*

- $120,000 - over three years

- New CY2019 - Up to 130 Supplements per year

- Each EG will receive a quota of DAS nominations to recommend

- EG members nominate candidates and members vote during competition. Executive Committee makes the final recommendation to NSERC
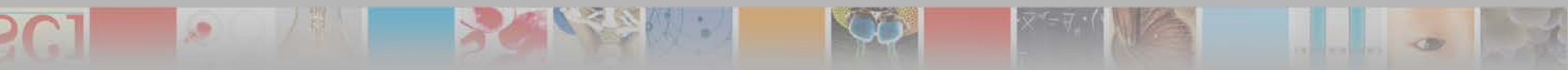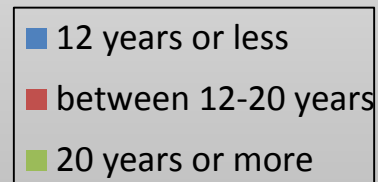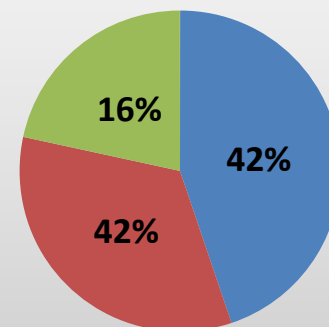
2019 Competition Results
Discovery Accelerator Supplements

Evaluation Group	Awards
Genes, Cells and Molecules (1501)	17
Biological Systems and Functions (1502)	18
Evolution and Ecology (1503)	10
Chemistry (1504)	7
Physics (1505)	8
Geosciences (1506)	9
Computer Science (1507)	13
Mathematics and Statistics (1508)	10
Civil, Industrial and Systems Engineering (1509)	12
Electrical and Computer Engineering (1510)	9
Materials and Chemical Engineering (1511)	7
Mechanical Engineering (1512)	8
Subatomic Physics (19)	1
Total	**129**

2019 DAS recipients years from PhD

Pie chart: 42% (blue), 42% (red), 16% (green)

- 12 years or less
- between 12-20 years
- 20 years or more
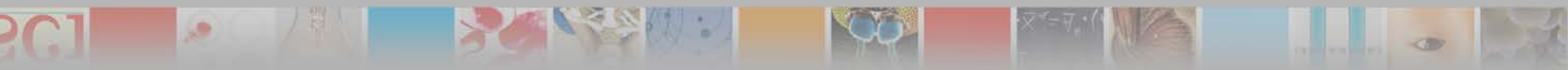
2019 Competition Results
Discovery Development Grants (DDG)

Description:

- No separate application is required – offered according to DG results

- Provide resources to researchers from small universities whose DG applications were deemed to be of appropriate quality to merit research support, but were not funded in the DG Competition.

- **New Value:** $15K/year for 2 years

- **New Eligibility CY2020:** may hold twice throughout their career

Objective:

- Promote a diversified base of high-quality research in small universities

- Foster a stimulating environment for research training in small universities

2019 Competition Results
Discovery Development Grants (DDG)

Results:

	2015	2016	2017	2018	2019*
Awarded	57	43	54	34	24*
Accepted	54	42	46	28	TBD
Declined	3	1	8	6	TBD
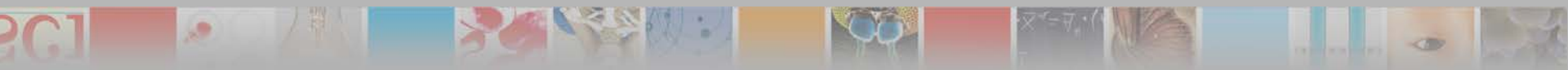
Over to you…

- Questions?

- Comments?

- Advice?

Please feel free to ask your questions in the official language of your choice
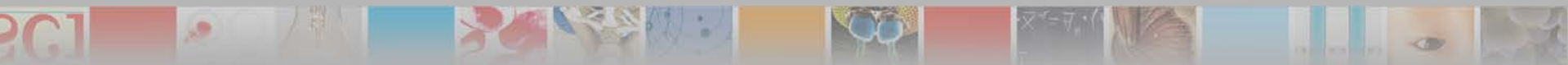
2019 Competition Results
Collaborative Research and Training Experience Program (CREATE)

- The CREATE program supports the training of teams of highly qualified students and postdoctoral fellows from Canada and abroad through the development of innovative training programs.

- 2019 competition:

  - 17 awards (normally up to $150k in the first year, and up to $300k for the following 5 years, for a total of up to $1.65M over 6 years)
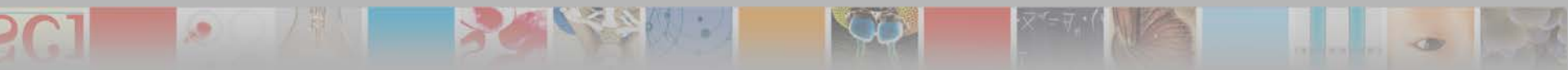
  CONTACT: CREATE@NSERC-CRSNG.GC.Ca

2019 Competition Results
Collaborative Research and Training Experience Program (CREATE)

- **Competition Statistics for 2019**

	2015	2016	2017	2018	2019
LOIs received:	125	114	109	112	128
Candidates invited:	48	52	53	55	50
Applications received:	45	52	51	53	50
Grants awarded:	17	13	18	18	17

Recent changes to CREATE program

- **Start Date**: Choice of April 1 or September 1.
- **Flexible budget** request per year (total remains $1.65M):

  - Year 1: $150k ± 50k

  - Years 2-6: $300k ± 50k per year

- **Eligible expenses:** Program coordinator salary for duration of the grant (formerly only first 2 years).

- **DFG grant duration** (international stream): can match the duration (up to 9 years) of the complementary German International Research Training Group (IRTG) grant. PI can travel to Germany once a year.
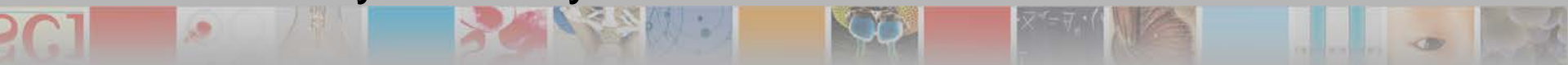
Canada Graduate Scholarships – Doctoral (CGS D)

CGS D Harmonized Tri-Agency Program

- A modern, simplified process
- Communications plan in development
- Launch June 2019
- Harmonized design elements include:

  - Dates and deadlines
  - Program description
  - Indigenous applicants
  - Removal of SME
  - Selection process

  - Selection criteria and weighting
  - Application package
  - Value and duration

Contact: schol@nserc-crsng.gc.ca
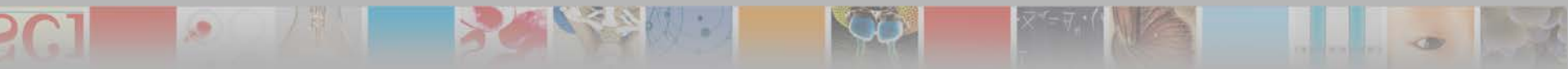
Chairs for Women in Science and Engineering (CWSE)

- The CWSE Program is regional—with one Chair for each of the Atlantic, Quebec, Ontario, Prairies, and British Columbia/Yukon regions.

- Chairs are approved for a five-year term and are renewable for an additional term of three to five years.

- A new competition will be launched this summer for the following two regions:
  - Ontario
  - Prairies

- Competition details will be posted on the NSERC website.

Contact: cwse-cfsg@nserc-crsng.gc.ca

Support for Early Career Researchers

- The ECR eligibility window is now 5 years (previously 3 years) to harmonize with the other agencies *(New!)*

- NSERC devotes additional funds to support ECRs through
  - increases to Discovery Grants
  - Discovery Launch Supplement *(New!)*

- ECRs re-applying for the first time have the option of extending their DG by one year with funds
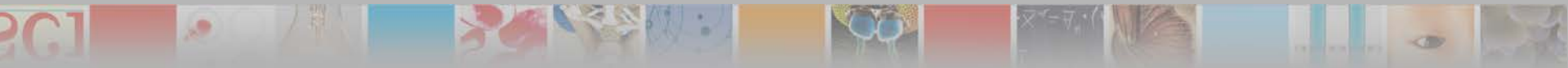
Relationship to Other Research Support

New from CY2018

- Clarified instructions for the applicant and for committee members (Instructions to Applicants, Peer Review Manual).

  - **Expenses proposed in the DG application must not be supported (or submitted for support) by other sources**
  - **The Discovery Grants Program does not support research ideas/objectives that are already funded (or submitted for funding) by CIHR and/or SSHRC.**

- CIHR Foundation Grant Holders must explain why support from DG is essential to carry out the work proposed.
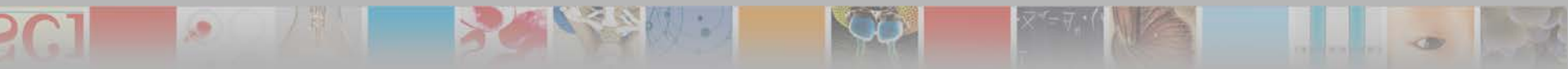
DND/NSERC Discovery Grant supplement

- Supporting discovery-based research
- Up to 20 supplements at $40,000 per year for 3 years
- Eligibility
  - Researchers applying to current DG competition
  - Proposed research must fit within DND defence and security target areas
- Internal DND committee will select recipients
- Results will be announced in the spring
- Contact: dndsuppmdn@nserc-crsng.gc.ca

Discovery Frontiers

These project grants address national research priorities and global challenges by supporting major new transformative and integrative activities led by world-class Canadian researchers and comprised of multi-institutional teams and international collaborators.

Calls for proposal:

- 2011 – Northern Research Systems
- 2013 – Exploring Big Data
- 2015 – New Materials for Clean Energy and Energy Efficiency
- 2017 – Biodiversity and Adaptation of Biosystems
- 2019 – AntiMicrobial Resistance (Launched in January)

Belmont Forum
(http://www.belmontforum.org)

- – The **Belmont Forum** is a group of the world's major and emerging funders of global environmental change research and international science councils.
- – Scientist and stakeholder support is made possible through Collaborative Research Actions (CRAs)

NSERC's participation:
- ▪ 2014 – Arctic I – Arctic observing and research
- ▪ 2018 – Biodiversity II – Scenarios of biodiversity and ecosystem services
- ▪ 2019 – Arctic II – Sustainability and resilience

PromoScience

2018 Grants: $3,000 - $266,600/yr up to 3yrs; avg. $49,100 in Year 1
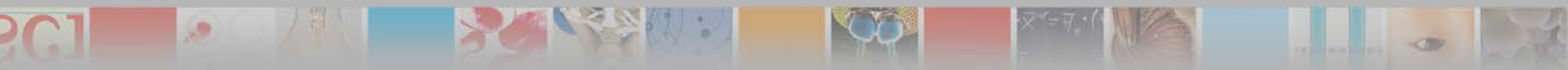
Objectives:

- To **inspire young Canadians especially girls & Indigenous youth** to study & plan careers in STEM

Youth: Kindergarten to high school (including 1st year college in Quebec), and activities that encourage Indigenous undergraduate students to pursue graduate STEM studies

Eligible Activities: Ongoing, interactive learning activities in STEM

CONTACT: promoscience@nserc-crsng.gc.ca

NSERC Student Ambassadors

- Promotion of STEM to Canadian youth by Canadian youth

- To encourage post-secondary students and fellows to share their NSE experience with youth (K-12) from groups underrepresented in STEM

- Outreach activity must be organized independently by the applicant

- NSERC pays $1,000 in support of event costs

Aboriginal Ambassadors in the Natural Sciences and Engineering Award (AANSE)

Do you have Aboriginal students or PDFs who might enjoy visiting an Aboriginal community and/or school?

- AANSE pays travel costs up to $5,000

- AANSE holder participates in science promotion events or shares their NSE research & education experience

- Eligibility: Students registered full-time in NSE degree with B or B- average, or PDF in NSE

- No deadlines: apply 2 months before visit

Contact: ambassadors@nserc-crsng.gc.ca
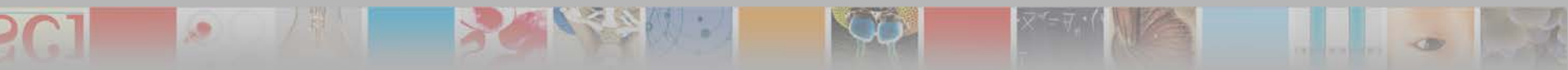
NSERC Leave Policies

Primary Caregivers (Pilot)

- Researchers who become primary caregivers following the birth or adoption of a child and who are eligible for maternity or parental leave but decline the leave, may be eligible to receive a one-year grant extension with funds

Family and Medical Leave

- Grant holders who plan to take family-related leave or medical leave may be eligible for a grant extension with funds for up to two years.

Paid Maternity / Parental Leave for Students and Postdoctoral Fellows paid from Grants

- Students and Postdoctoral fellows who are supported by NSERC grants and are eligible may receive up to 6 months of paid maternity / parental leave.
- The leave supplement will be paid by NSERC.
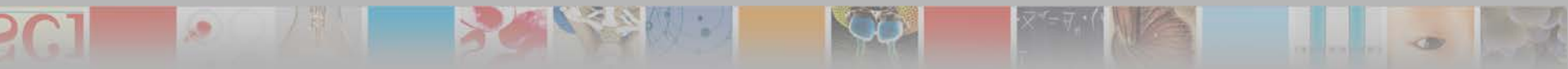
Research Data Management

- **Summer 2018:** Online consultation on *Draft* Tri-Agency Research Data Management Policy http://science.gc.ca/eic/site/063.nsf/eng/h_547652FB.html
  1. **Institutional Strategy**
  2. **Data Management Plans (DMPs)**
  3. **Data Deposit**

  130 submissions received

- **In the coming months:** Public summary of consultation feedback, visit NSERC's website for news http://www.nserc-crsng.gc.ca
- **2019-2020:** Policy launch
- **2019+:** capacity-building initiatives, stakeholder engagement

Frequently Asked Questions: http://science.gc.ca/eic/site/063.nsf/eng/h_97609.html

Contact: ResearchData-Donneesderecherche@nserc-crsng.gc.ca

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