

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



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Research Council of Canada

Conseil de recherches en sciences
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Canada

University Visits-Edmonton

Jamie Cousineau, Electrical and Computer Engineering-1510
Flora Marguerite, Engineering
NSERC

May 7th, 2019



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University Visits – Edmonton

- NSERC news
- Competition 2019 Results
- Research Grants and Scholarships Program updates
- How to apply to a Discovery Grant



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University Visits-Edmonton

NSERC News



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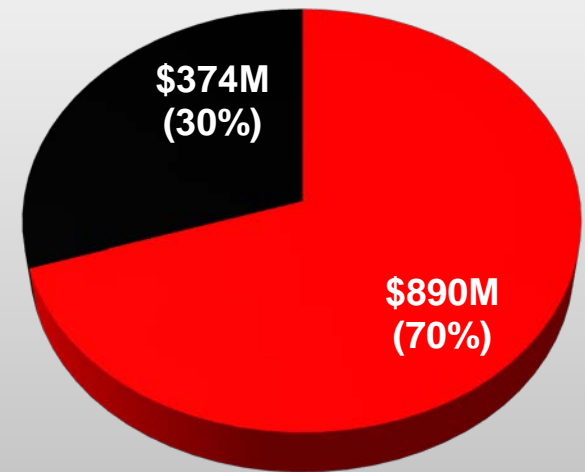
NSERC News

Overview

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

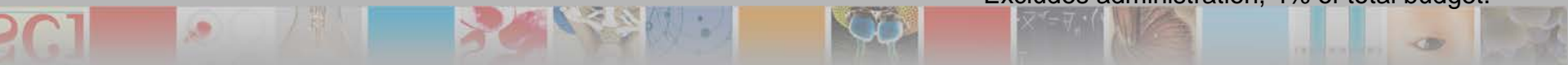
- Supports more than **34,000** students and postdoctoral fellows.
- Funds more than **11,700** professors for their research programs.
- Supports university and college-industry research partnerships with over **3,600** Canadian companies.
- Business invests more than **\$250 million** in university and college researchers.

NSERC Budget 2018-2019
Total: \$1.26 billion



- Discovery (includes Scholarships & Fellowships)
- Innovation

Excludes administration, 4% of total budget.

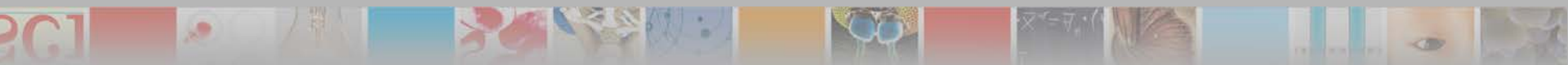


NSERC News

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

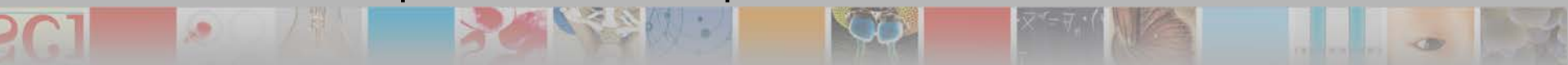


NSERC News

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

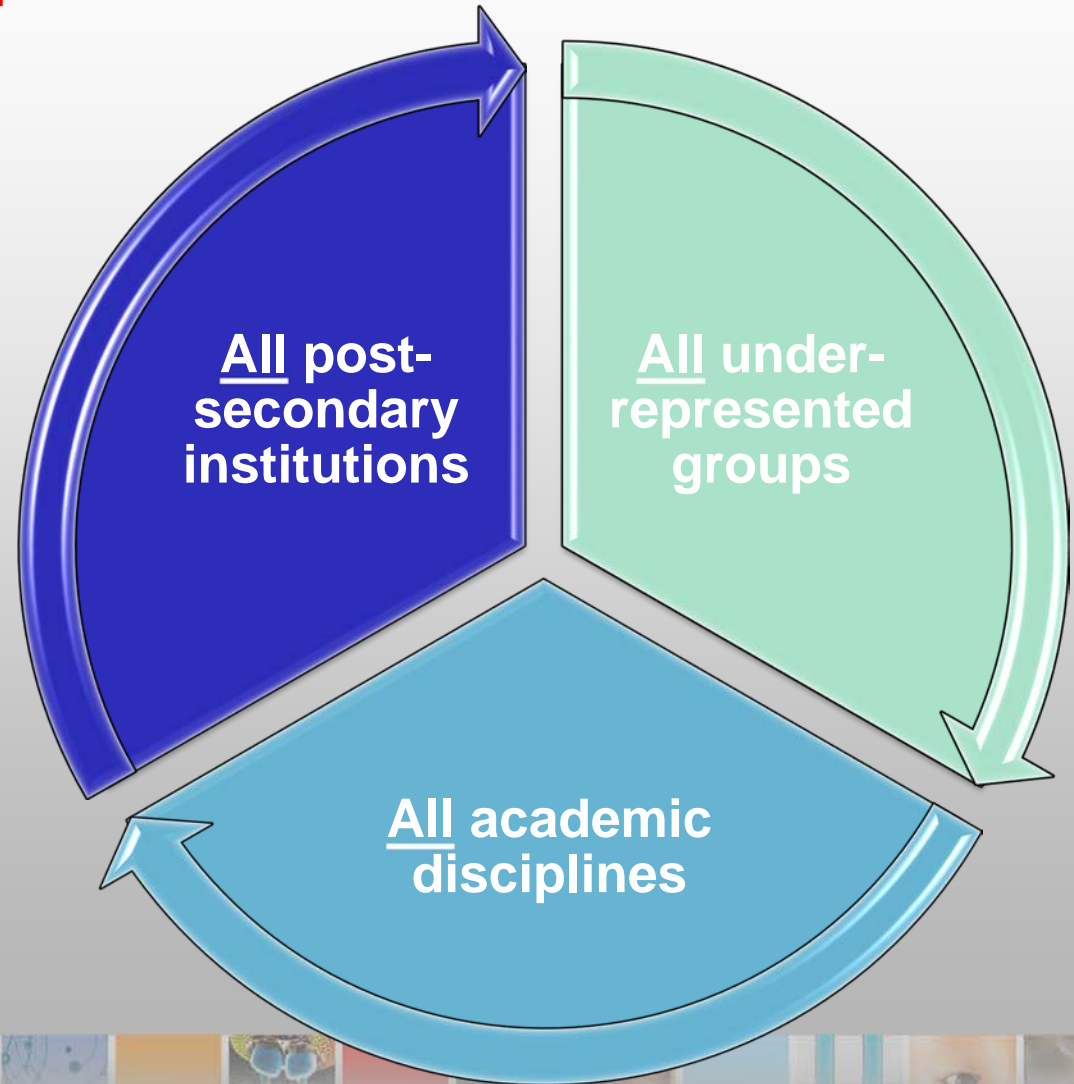
- 25% increase in Discovery Program budget
 - Tied to “clear objectives and conditions so that Canada’s next generation of researchers – including students, trainees and early-career researchers – is larger, more diverse and better supported”
- \$44M in 2018-19 includes new funds for:
 - **Discovery Grants**
 - Early Career Researchers
 - Discovery Development Grants
 - Research Tools and Instruments
 - Scholarships and Fellowships



NSERC News

Athena SWAN Towards a Made-in-Canada Program

- **voluntary** and will **build on work** institutions are already doing
- tailored to the context & realities of Canada:
 - Including new name
- pilot project – limited number of institutions
- broader scope than other models



NSERC News

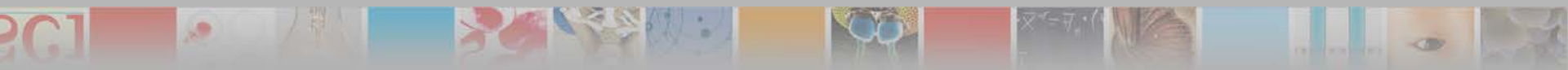
Collection of Self-Identification Data

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.”



Other Updates:

Open Access

Tri-Agency Open Access Policy on Publications

http://www.science.gc.ca/eic/site/063.nsf/eng/h_F6765465.html

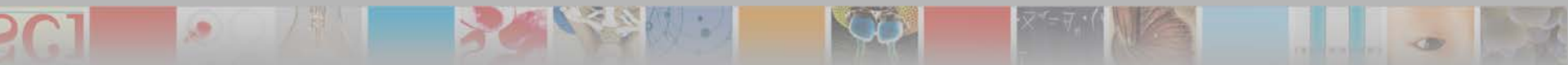
- Researchers must make articles freely available online within 12 months of publication
- Applies to all grants awarded May 1, 2015 and onward
- How to comply:
 - Deposit peer-reviewed manuscript in a repository; and/or
 - Submit final, peer-reviewed manuscript to journal that offers open access within 12 months

Frequently Asked Questions:

http://www.science.gc.ca/eic/site/063.nsf/eng/h_42701EA6.html

Toolbox: http://www.science.gc.ca/eic/site/063.nsf/eng/h_ECEFDFAA.html

Contact: openaccess@nserc-crsng.gc.ca



Other Updates:

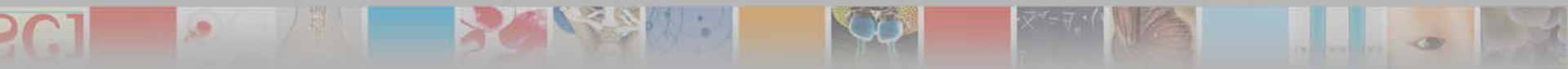
Research Data Management

- **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

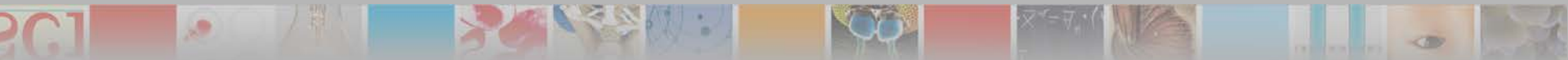
Contact: ResearchData-Donneesderecherche@nserc-crsng.gc.ca



NSERC News: **Change in NSERC Leadership**

Dr. Danika Goosney

- Joined NSERC in February 2019 as new Vice-President of Research Grants and Scholarships.
- Formerly the Associate Vice-President, Tri-agency Institutional Programs Secretariat, at the Social Sciences and Humanities Research Council.
- Also held director general positions within the Research, Knowledge Translation and Ethics Portfolio at the Canadian Institutes of Health Research.
- Danika is taking over from Dr. Pierre Charest, who retired in January 2019 after a long career in the public service including seven years at NSERC.



University Visits

2019 Competition Results



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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

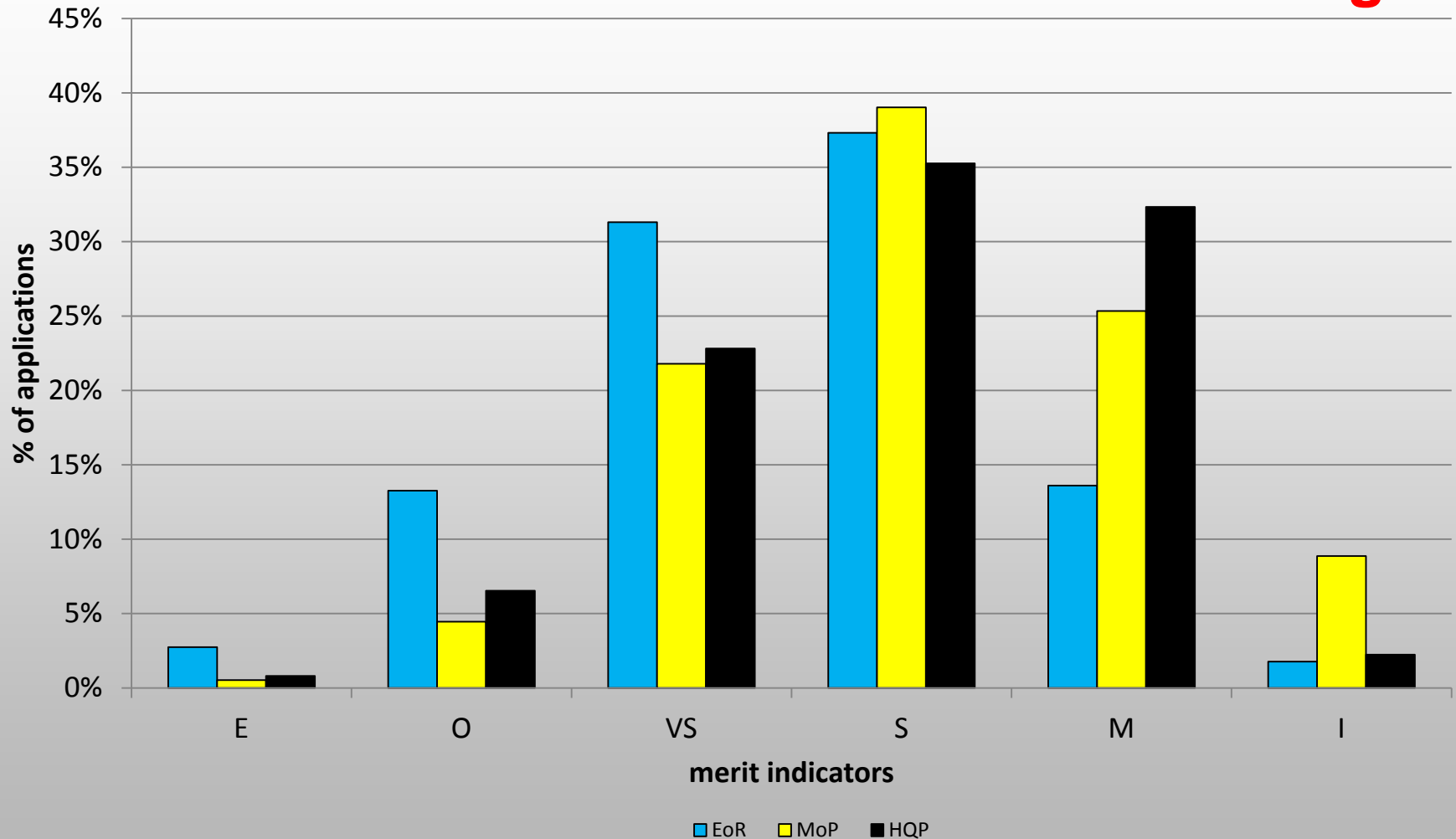
“NSERC is extremely grateful for your significant contribution of time and effort in this process. We would not be able to operate the Discovery Grants Program – our flagship program – without your dedicated efforts. Your insights and informed feedback are essential to ensure quality in Canada’s discovery research enterprise.”

Danika L. Goosney, Vice-President, Research Grants and Scholarships



2019 Competition Results

Overall – Distribution of merit indicator ratings

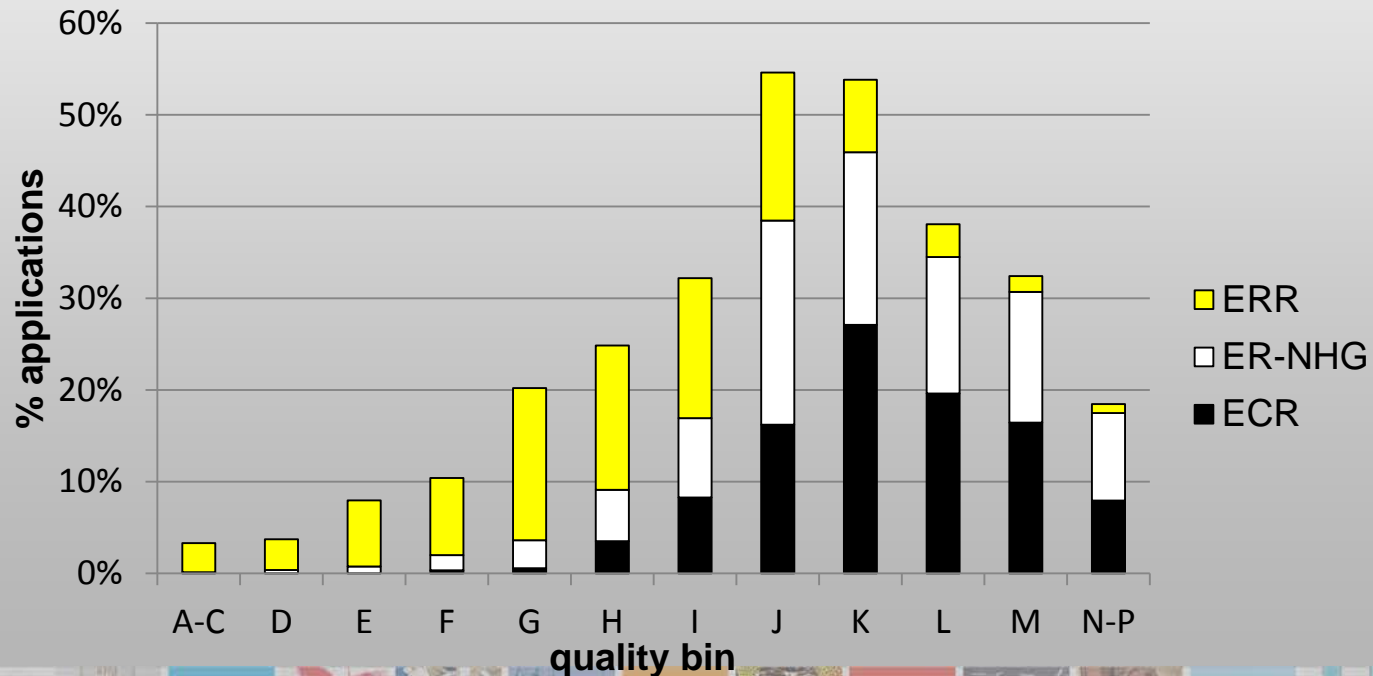


* Results presented are not official

2019 Competition Results

Overall – Discovery Grants

	Early Career Researchers	Established Researchers		Established Researchers	Total
		Returning	Not Holding a Grant		
# of applications	882	1736	786	2522	3404
# of awards	499	1462	318	1780	2279
Success Rate	57%	84%	40%	71%	67%
Average Grant (yearly)	\$30,018	\$41,554	\$33,287	\$40,077	\$37,875

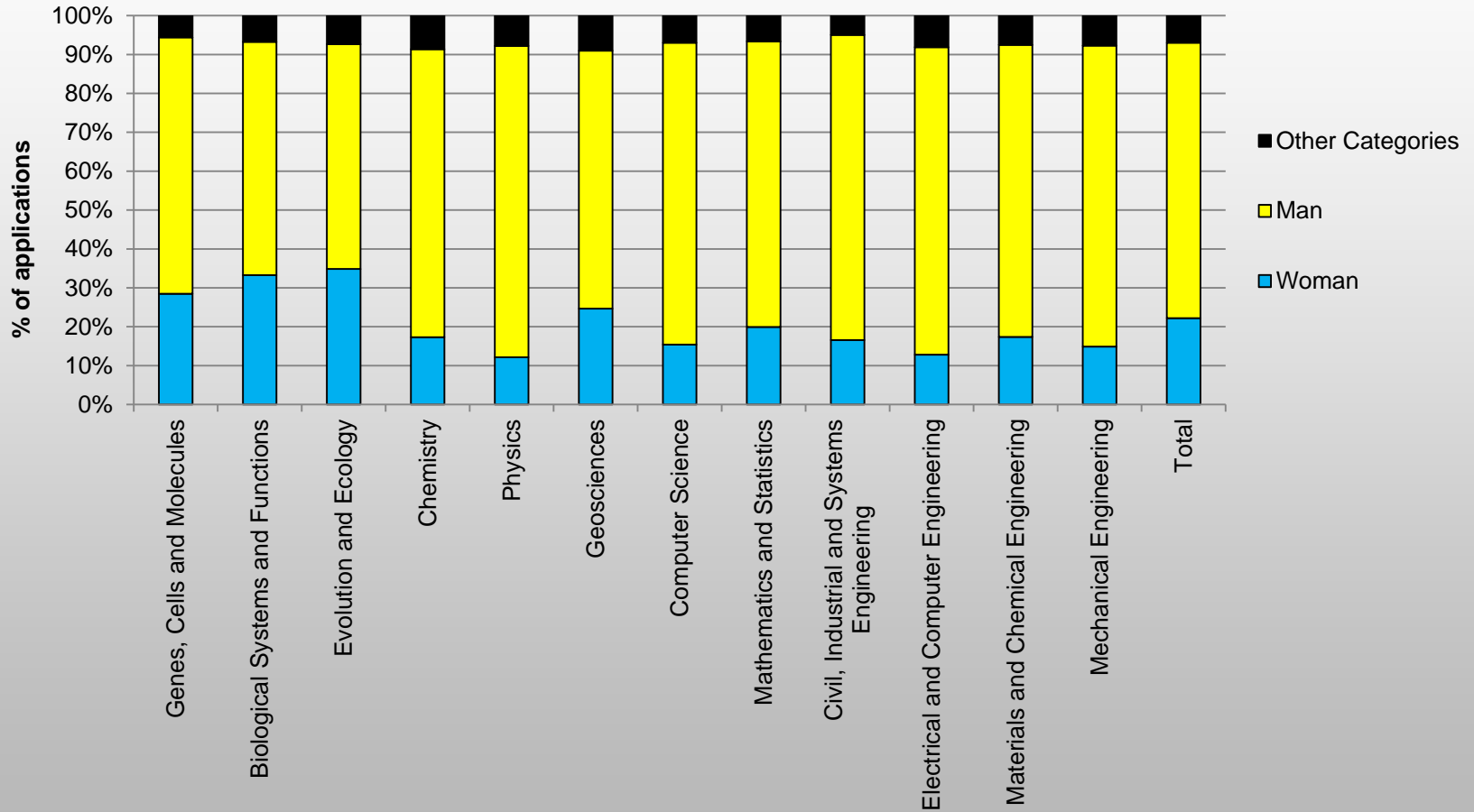


* Results presented are not official

2019 Competition Results

Equity, Diversity and Inclusion (EDI)

% of applicants by gender



* Results presented are not official

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	\$25.2M
# Appl.	468	666	657	748	1043	1004
# Funded	176	218	215	241	208	209
Success Rate	38%	33%	33%	32%	20%	21%
Funding Rate	38%	34%	33%	33%	21%	21%

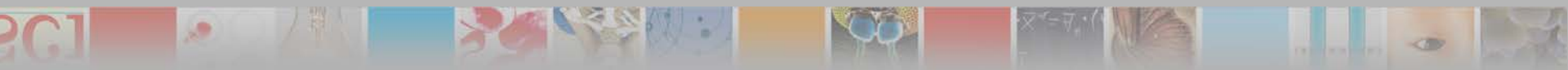
* Results presented are not official



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

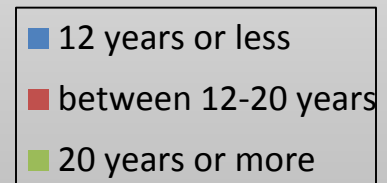
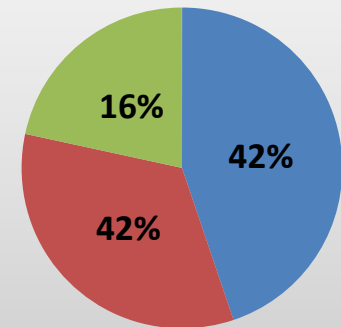


2019 Competition Results

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



* Results presented are not official

2019 Competition Results

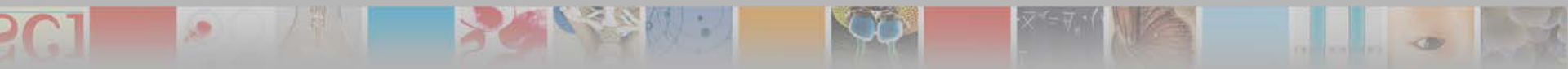
Discovery Development Grants (DDG)

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



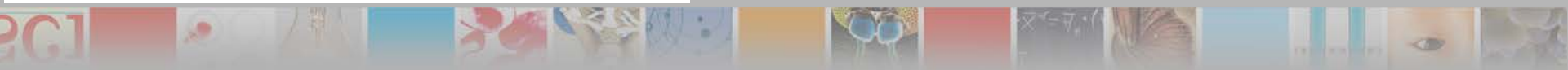
2019 Competition Results

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

* Results presented are not official



Society Meeting

Research Grants and Scholarships (RGS) Program Updates



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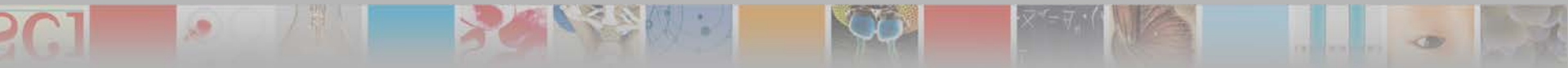
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RGS Program Updates

Support for Early Career Researchers

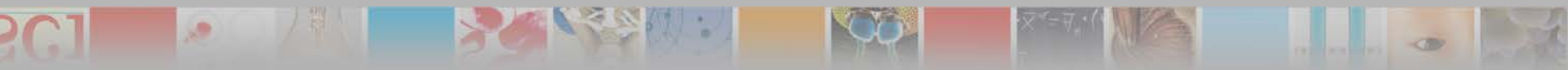
- The ECR eligibility window is now 5 years (previously 3 years) to harmonize with the other agencies (*New!*)
- NSERC devotes additional funds to support ECRs through
 - increases to Discovery Grants
 - Discovery Launch Supplement (*New!*)
- ECRs re-applying for the first time have the option of extending their DG by one year with funds



RGS Program Updates

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



RGS Program Updates

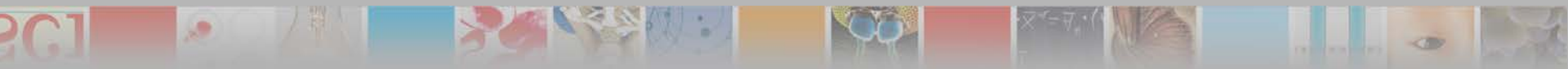
Equity, Diversity and Inclusion (EDI) Institutional Capacity-Building Grant

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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Motivation	<ul style="list-style-type: none">• Merit of Proposed Project	<ul style="list-style-type: none">• Institutional Commitment
Evaluation	Reviewed by a Committee constituted of researchers, administrators with expertise in EDI.		

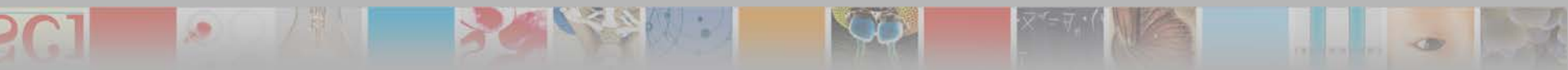


RGS Program Updates

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



RGS Program Updates

NSERC Leave Policies

Primary Caregivers (Pilot)

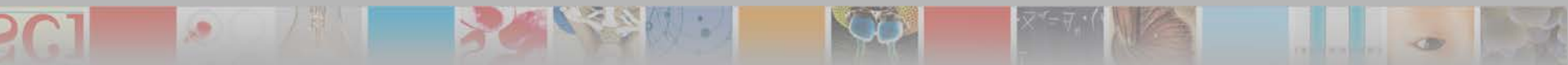
- Researchers who become primary caregivers following the birth or adoption of a child and who are eligible for maternity or parental leave but decline the leave, may be eligible to receive a one-year grant extension with funds

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.

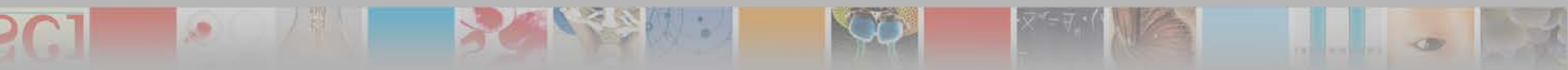


RGS Program Updates:

Upcoming Deadlines for 2019

Notification/Letter of Intent Deadlines

- Discovery Grants - (**August 1st**)
- Subatomic Physics Major Resources Support Program (**August 1st**)
- Subatomic Physics – RTI (Category 2 & 3) (**August 1st**)

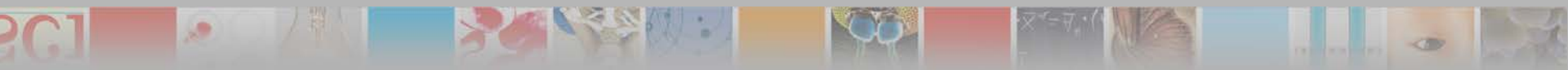


RGS Program Updates:

Upcoming Deadlines for 2019

Application Deadlines

- E.W.R. Steacie Memorial Fellowships (**June 7th**)
- Ship Time Program (**September 4th**)
- PromoScience (**September 15th**)
- Research Tools & Instruments (and Subatomic Physics Category 1) (**October 25th**)
- Discovery Grants - (**November 1st**)
- Northern Research Supplements Program (**November 1st**)
- NSERC Awards for Science Promotion (**November 25th**)



How to apply Discovery Grant Application



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Life Cycle of a Discovery Grant Application

August

Submission of notification of intent to apply
(due Aug. 1)

September

Internal assignment to EG

October

Selection of external reviewers and preliminary joint review discussions

November

Submission of application
(due Nov. 1)

December

Members receive applications and begin reviewing

January

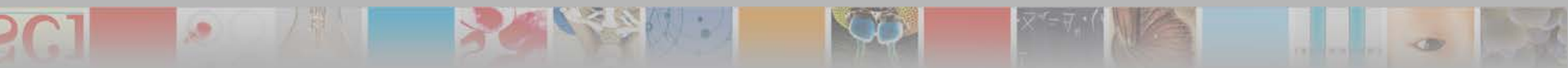
Members review applications and external reviewer reports are received

February

Grants competition

April

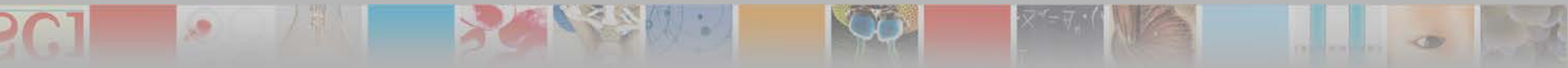
Announcement of results



Notification of Intent to Apply (NOI)

Overview

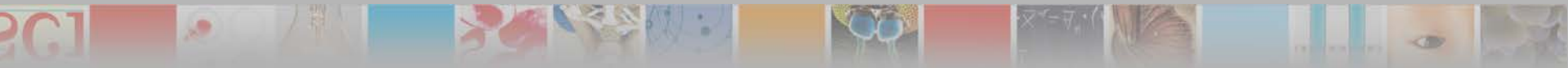
- **Deadline:** August 1st - **Mandatory**
- **Main components:**
 - Research topics, keywords, title
 - Summary of proposal
 - Suggested external reviewers
 - Canadian Common CV (CCV)
- **Submission:**
 - Research Portal



Notification of Intent to Apply

Purpose

- **Facilitates preliminary assignments:**
 - to an Evaluation Group
 - of internal reviewers
 - of external reviewers
- **First indication of joint review**
 - Informed by research topics, keywords, and proposal summary
- **First review of subject matter eligibility**



Notification of Intent to Apply

Joint Reviews - Evaluation Groups

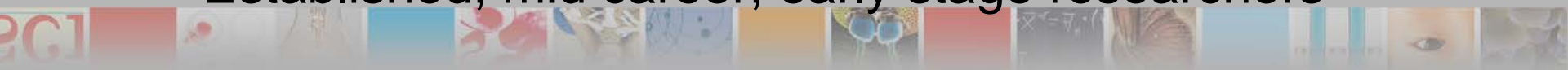
- Genes, Cells and Molecules (1501)
- Biological Systems and Functions (1502)
- Evolution and Ecology (1503)
- Chemistry (1504)
- Physics (1505)
- Geosciences (1506)
- Computer Science (1507)
- Mathematics and Statistics (1508)
- Civil, Industrial and Systems Engineering (1509)
- Electrical and Computer Engineering (1510)
- Materials and Chemical Engineering (1511)
- Mechanical Engineering (1512)



Notification of Intent to Apply

Tips for selecting external reviewers

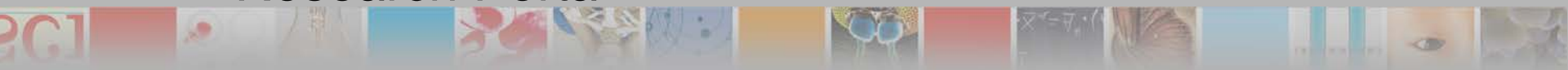
- **Be mindful of conflicts of interest**
 - Reviewers outside your institution (primary & adjunct)
 - Adhere to [NSERC guidelines](#) (e.g., six-year window)
- **Identify the best expertise**
 - Ability to comment/review with confidence
- **Consider diversity in your selection**
 - National, International
 - Private, government, public sectors
 - Gender
 - Under-represented groups
 - Established, mid career, early stage researchers



Discovery Grant Application

Overview

- **Deadline:** November 1st - **internal deadlines are earlier**
- **Main components:**
 - Application for a grant
 - Research proposal
 - Samples of research contributions
 - Budget and justification
 - Canadian Common CV (CCV)
- **Submission:**
 - Research Portal



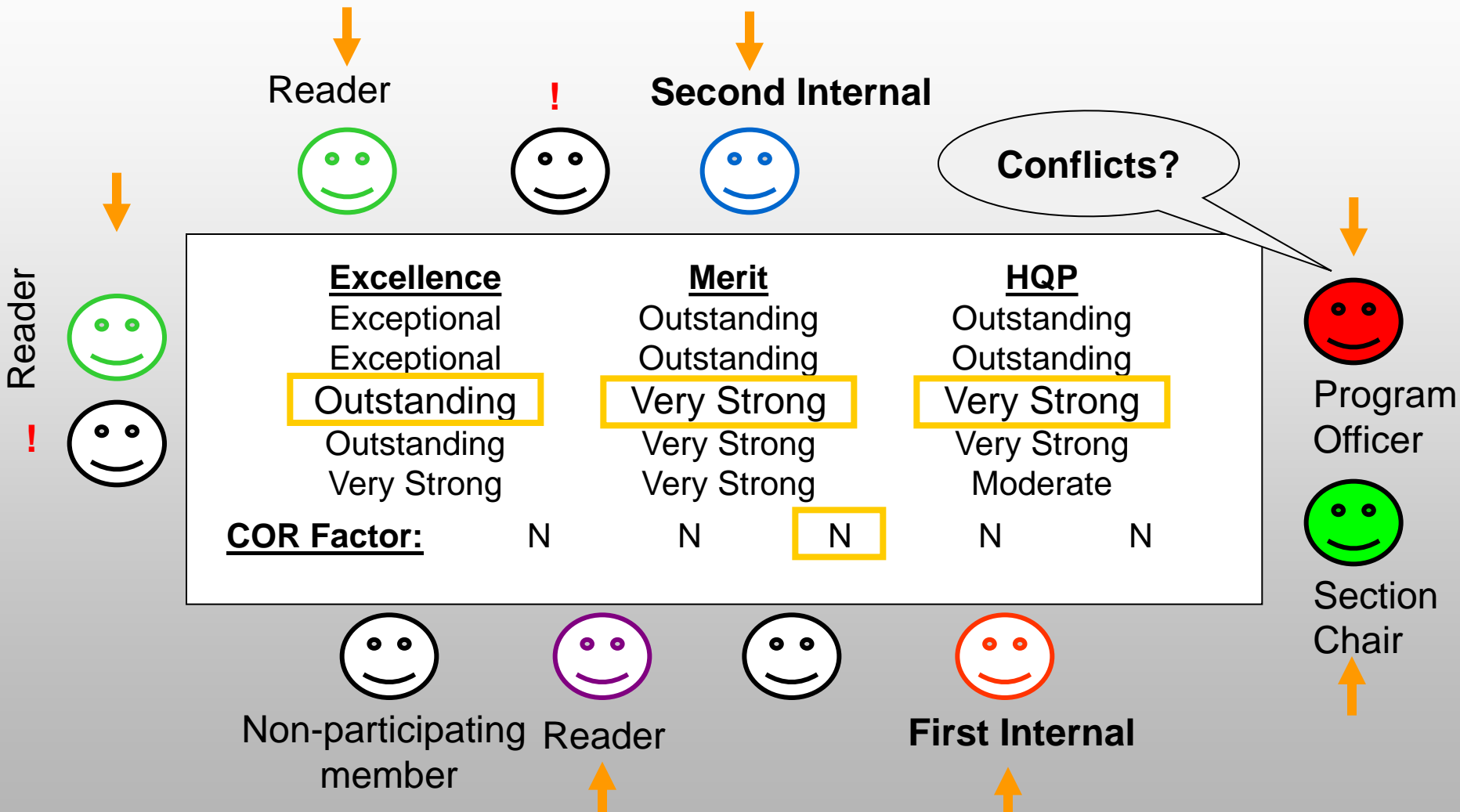
Grants Competition Review Process

DISCOVERY GRANTS MERIT INDICATORS¹

	EXCEPTIONAL	OUTSTANDING	VERY STRONG	STRONG	MODERATE	INSUFFICIENT
Excellence of the Researcher	Acknowledged as a leader who has continued to make, over the last six years, influential accomplishments at the highest level of quality, impact and/or importance to a broad community .	The accomplishments presented in the application were deemed to be far superior in quality, impact and/or importance to a broad community .	The accomplishments presented in the application were deemed to be of superior quality, impact and/or importance.	The accomplishments presented in the application were deemed to be solid in their quality, impact and/or importance.	The accomplishments presented in the application were deemed to be of reasonable quality, impact and/or importance.	The accomplishments presented in the application were deemed to be below an acceptable level of quality, impact and/or importance.
Merit of the Proposal	Proposed research program is clearly presented, is extremely original and innovative and is likely to have impact by leading to groundbreaking advances in the area and/or leading to a technology or policy that addresses socio-economic or environmental needs.	Proposed research program is clearly presented, is highly original and innovative and is likely to have impact by contributing to groundbreaking advances in the area, and/or leading to a technology or policy that addresses socio-economic or environmental needs.	Proposed research program is clearly presented, is original and innovative and is likely to have impact by leading to advancements and/or addressing socio-economic or environmental needs.	Proposed research program is clearly presented, is original and innovative and is likely to have impact and/or address socio-economic or environmental needs.	Proposed research program is clearly presented, has original and innovative aspects and may have impact and/or address socio-economic or environmental needs.	Proposed research program, as presented lacks clarity , and/or is of limited originality and innovation .
	Long-term vision and short-term objectives are clearly defined.	Long-term goals are clearly defined and short-term objectives are well planned.	Long-term goals are defined and short-term objectives are planned.	Long-term goals and short-term objectives are clearly described.	Long-term and short-term objectives are described.	Objectives are not clearly described and/or likely not attainable.
	The methodology is clearly defined and appropriate.	The methodology is clearly described and appropriate.		The methodology is described and appropriate.	The methodology is partially described and/or appropriate.	The methodology is not clearly described and/or appropriate.
	The application clearly demonstrates how the research activities to be supported are distinct from those funded (or applied for) by other sources.					The application does not clearly demonstrate how the research activities to be supported are distinct from those funded (or applied for) by other sources.
Training of Highly Qualified Personnel	Past training is at the highest level in terms of the research training environment provided and HQP contributions to research. Most HQP move on to highly impactful positions that require skills gained through the training received. Training philosophy and research training plans are of the highest quality: highly appropriate, clearly defined and expected to produce top quality results in terms of the overall approach and specific projects for HQP.	Past training is far superior to other applicants in terms of research training environment provided and HQP contributions to research. Most HQP move on to impactful positions that require skills gained through the training received. Training philosophy and research training plans are far superior: highly appropriate, clearly defined and expected to produce high quality results in terms of the overall approach and specific projects for HQP.	Past training is superior to other applicants in terms of the research training environment provided and HQP contributions to research. HQP generally move on to impactful positions that require skills gained through the training received. Training philosophy and research training plans are superior: highly appropriate, clearly defined and expected to produce quality results in terms of the overall approach and specific projects for HQP.	Past training compares favourably with other applicants in terms of the research training environment provided and HQP contributions to research. HQP generally move on to positions that require skills gained through the training received. Training philosophy and research training plans are appropriate and clearly defined in terms of the overall approach and specific projects for HQP.	Past training is modest relative to other applicants in terms of the research training environment provided and HQP contributions to research. Some HQP move on to positions that require skills gained through the training received. Training philosophy and research training plans are partially appropriate and partially defined in terms of the overall approach and specific projects for HQP.	Past training is below an acceptable level in terms of the research training environment provided and HQP contributions to research. HQP rarely move on to positions that require skills gained through the training received. Training philosophy and research training plans are not appropriate and not clearly defined in terms of the overall approach and specific projects for HQP.

¹The Discovery Grants Merit Indicators should be used in conjunction with the Peer Review Manual which outlines how reviewers arrive at a rating.

Grants Competition Conference Model



Grants Competition

Review Process

Step 1: Merit Assessment

- **Three equally weighted criteria:**
 - Excellence of the Researcher
 - Merit of the Proposal
 - Contribution to Training of Highly Qualified Personnel (HQP)
- **Uses six-point scale**
 - From exceptional to insufficient

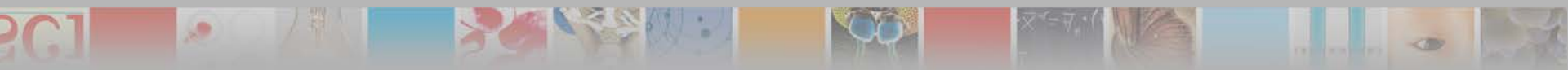


Grants Competition

Review Process

Step 2: Funding Recommendations

- Applications grouped into 'bins' of comparable merit
- Similar overall ratings within an EG receive comparable funding



Grants Competition Review Process

Step 1: Merit assessment

	Exceptional	Outstanding	Very Strong	Strong	Moderate	Insufficient
Excellence of the researcher	X X	X X	X			
Merit of the proposal		X X	X X X			
Contribution to the training of HQP		X X	X X		X	

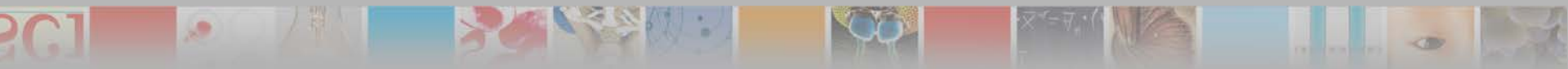


Outstanding – Very Strong – Very Strong



Step 2: Funding Recommendation

Funding Bin	A	B	C	D	E	F	G	H	I	J	K	...	P
Value	...\$...\$...\$...\$...\$...\$...\$...\$...\$...\$...\$...\$...\$

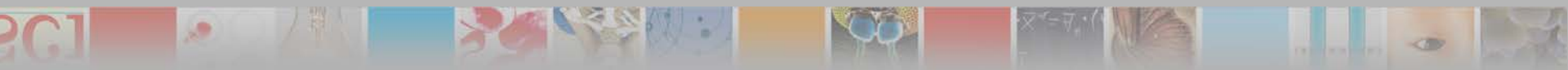


Discovery Grant Application

Excellence of the Researcher

Assessment based on achievements demonstrated over the past **six** years.

- Knowledge, expertise, and experience
- Quality and impact of contributions to Natural Sciences and Engineering (NSE) research
- Importance of contributions to researchers and end-users

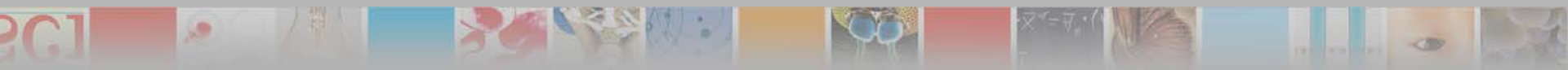


Discovery Grant Application

Excellence of the Researcher

Members will assess this using information from:

- **Most significant contributions**
 - Highlighted quality and impact
- **Samples of research contributions**
 - Up to 4 attached with application *within the last 6 years*
- **CCV contributions, recognitions, activities**
 - Additional information on contributions in application

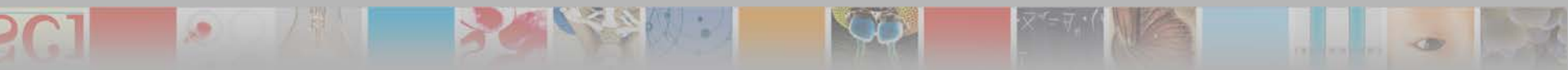


Discovery Grant Application

Merit of the Proposal

Assessment based on the following elements:

- Originality and innovation
- Significance and expected contributions to research
- Clarity, scope of objectives, and appropriateness of methodology
- Feasibility
- Appropriateness and justification for the budget
- Relationship to other research support



Discovery Grant Application

Merit of the Proposal

Relationship to other research support

- Budget requested in DG is for different expenses than the ones supported (or to be supported) by other sources.
- The DG proposal is distinct conceptually from research supported (or to be supported) by CIHR and/or SSHRC.
- ***New in CY2018*** For CIHR Foundation Grant holders or applicants only: convincing evidence that support from DG is essential to carry out the work proposed.



Discovery Grant Application: Merit of the Proposal

Relationship to other research support

CIHR and SSHRC:

- Proposed ideas, objectives and expenses are entirely distinct from support **held or applied for**
- Anticipated contributions to research resulting from the DG will be distinct from the ones resulting from CIHR or SSHRC support **held or applied for**
- For CIHR Foundation Grant **holders**: Convincing evidence that support from DG is essential to carry out the work proposed is provided



Discovery Grant Application: Merit of the Proposal

Relationship to other research support

Sources other than CIHR and SSHRC:

- Proposed ideas and objectives can be the same
- Proposed expenses must be distinct from support **held**
- Proposed expenses may be the same for support **applied for**, however applicants must demonstrate that no duplication of funds will occur if all applications are successful

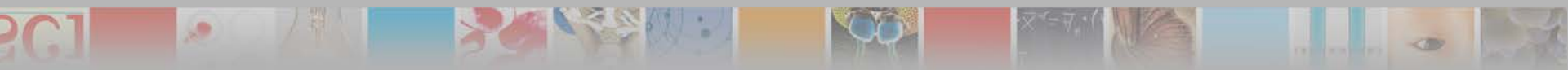


Discovery Grant Application

Merit of the Proposal – Other sources of support

	Ideas/Objectives and anticipated contribution to research	Expenses from funding	
		Applied for	held
CIHR - Foundation Grants	Entirely Distinct and justification that Discovery Grant is essential	Different	Different
CIHR and SSHRC – all Grants	Entirely Distinct	Different	Different
NSERC – all Grants	No restriction	If same, must demonstrate no duplication of funds	Different
All sources of funds other than CIHR or SSHRC	No restriction	If same, must demonstrate no duplication of funds	Different

Note: The evaluation of other sources of funds is limited to research support that will be, or may become, active within the funding period of the proposed Discovery Grant.

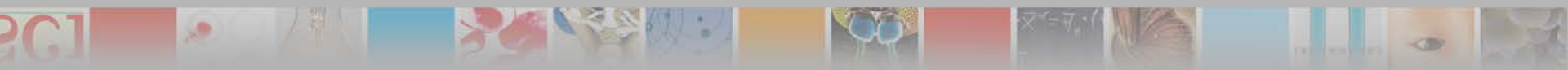


Discovery Grant Application

Merit of the Proposal

Members will assess this using information from:

- **Research proposal (5 pages)**
 - List of references (2 pages)
- **Proposed expenditures and budget justification**
- **Relationship to other research support**
 - CIHR and/or SSHRC summary and budget pages
 - CCV research funding history



Discovery Grant Application

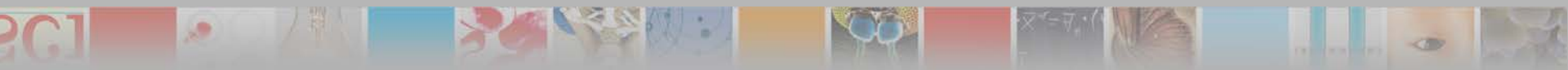
Contributions to the training of HQP

Assessment is based on both:

- the **past contributions to training**; and
- the **future plans for training**

Quality **research training at all levels** are valued, including:

- Undergraduate students involved in research
- Graduate students and postdoctoral fellows
- Technicians and research associates
- Other research personnel from non-academic sectors i.e. government, or industry



Discovery Grant Application

Contributions to the training of HQP

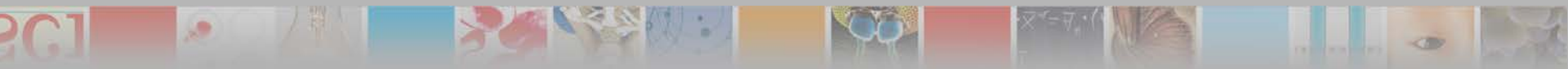
Past contributions to the training of HQP

Assessment based on training over the past **six** years

****New Instructions in CY2018 ****

Include three components:

1. Training environment
2. HQP awards and research contributions
3. Outcomes and skills gained by HQP



Discovery Grant Application

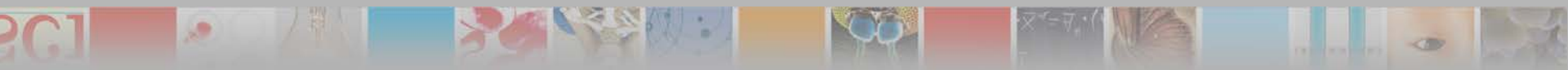
Contributions to the training of HQP

Past contributions to the training of HQP

Other items to consider:

- Explain the level, context, and role in supervision and co-supervision
- Note impact of delays in training (those taken by the applicant or HQP)
- Focus on quality and impact of training

Members are instructed not to rate Early Career Researchers (ECRs) as *Insufficient* solely due to a limited past record of contributions to the training of HQP.



Discovery Grant Application

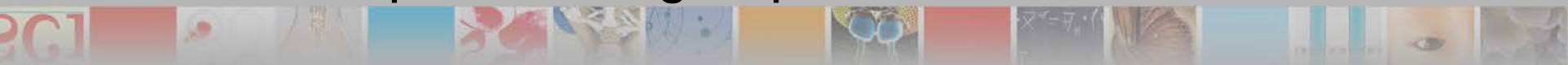
Contributions to the training of HQP

Future plans for training

****New Instructions in CY2018****

Include two components:

1. Training Philosophy
2. Research Training Plan
 - Focus on quality, suitability and clarity of plan
 - Must be planned training in the NSE
 - Define your role in any planned co-supervision
 - Encourage approaches that promote increased inclusion and advancement of women and other under-represented groups in NSE



Discovery Grant Application

Contributions to the training of HQP

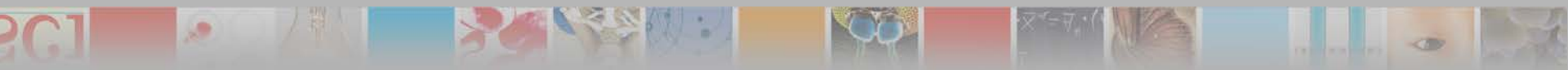
Evaluation Group will assess HQP using information from:

- **Application:**

- Past contributions to HQP training
- HQP training plan

- **CCV**

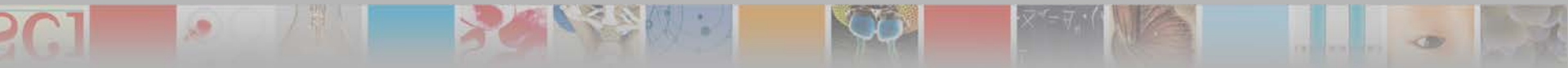
- Supervisory activities and contributions
- Trained HQP who co-authored should be identified with an asterisk “*”
- Do not use “academic advisor”



Discovery Grant Application

Tips

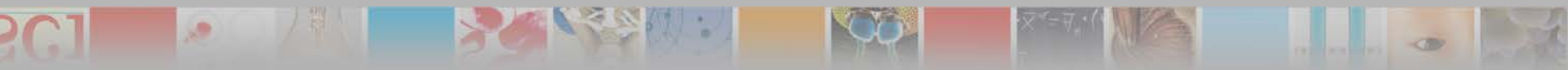
- **Read other successful applications**
- **Ask colleagues and/or your RGO for comments on your application**
 - Ask both experts in your field and non-experts to review
- **Plan ahead and check institutional deadlines**
- **Use the resources available**



Discovery Grant Application

Delays

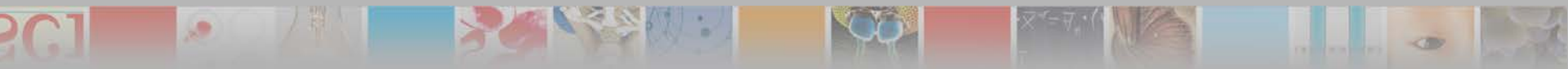
- Applicant delays are recorded in the CCV, under the Employment section
- HQP delays are recorded in the HQP section of the application
- In both cases, clearly explain
 - the **duration** (i.e., start/end dates)
 - the **impact** on your research (e.g., dissemination of results, ability to recruit HQP)



Discovery Grant Application

Subject Matter Eligibility

- NSERC supports research whose major challenges lie in the natural sciences and engineering (NSE), other than the health sciences.
- The intended objective(s) of the research must primarily be to advance knowledge in one or more of the NSE disciplines.
- Applicants should refer to:
 - [Selecting the Appropriate Federal Granting Agency](#)
 - ***Updated*** [Addendum to the Guidelines for the Eligibility of Applications Related to Health](#).
 - The Addendum provides examples that illustrate the eligibility of applications related to human health.



Discovery Grant Application

Equity, Diversity and Inclusion (EDI)

Summary - EDI with Evaluation Criteria

- **Excellence of the Researcher**

- Applicants are asked to describe (if applicable) contributions towards the promotion of equity, diversity and inclusion in the research enterprise

- **Merit of the Proposal**

- Applicants are asked to describe (if applicable) consideration of sex, gender and diversity in the research design

- **Contributions to the Training of HQP**

- Applicants are required to describe EDI considerations they commit to in their future approach to recruitment, training and mentoring
- Applicants are asked to describe EDI measures implemented in the past training of HQP (if applicable)



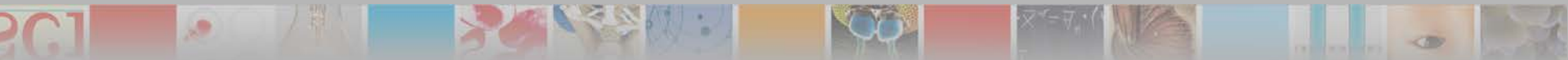
Discovery Grant Application

Equity, Diversity and Inclusion (EDI)

****Additional requirement - CY2020****

- **HQP Plan**

- Beginning CY2020, as part of the *Training Philosophy* element, **applicants are expected** to describe the active measures they commit to implementing in order to promote equity, diversity and inclusion in the training environment.
- Additional text will appear in the **Merit Indicators Grid** describing EDI considerations within the *Training Philosophy* element.



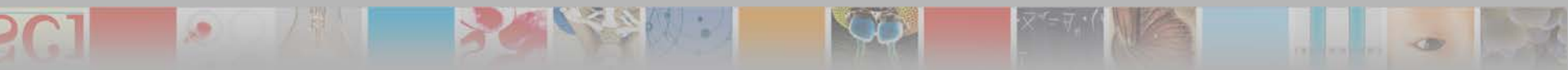
Discovery Grant Application

Equity, Diversity and Inclusion (EDI)

****Privacy Considerations****

■ **Past Contributions to HQP Training**

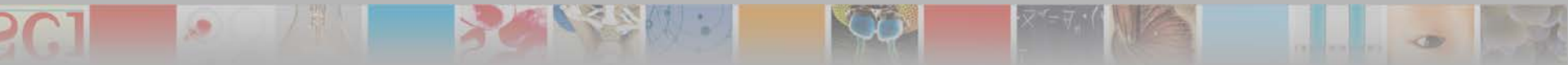
- If describing a record of training a diverse group of trainees, any HQP demographic information should be clearly linked to the practices which achieved the equity, diversity and inclusion, and should be in **aggregate format**.
- Due to privacy and confidentiality concerns, do not include personal identification data linked to individuals.



Discovery Grant Application

Available Resources

- **Discovery Grants Information Centre**
- **Resource Videos**
- **Peer Review Manual**
 - Includes information on each of the three criteria and the merit indicators
- **HQP FAQ Document**
- **Webinars on how to apply**
 - NOI and full application stages (French and English)



Over to you...

- Questions?
- Comments?
- Advice?

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

