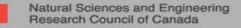
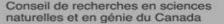
### People. Discovery. Innovation. Les gens. La découverte. L'innovation.











### NSERC Information Session Scholarships and Fellowships 2018 Competition

## McGILL UNIVERSITY Joanna Renwick and Daniel Mayer September 12, 2017















### **Agenda**

- Postgraduate Programs
- Postdoctoral Programs
- How to Apply
- Tips and Advice
- Diversity and Gender Equity Initiatives at NSERC
- Contact Information















### Postgraduate Scholarships















## Canada Graduate Scholarships-Doctoral / NSERC Postgraduate Scholarships-Doctoral (CGS/PGS D)

	CGS D	PGS D
Value and duration	\$35,000 per year for 2 or 3 years	\$21,000 per year for 2 or 3 years
Who can apply?	<ul><li>Canadian citizen</li><li>Permanent resident of Canada</li></ul>	
Where can you hold the award?	Canadian university	<ul> <li>Canadian university</li> <li>Foreign university ONLY if you already have at least one Canadian NSE degree</li> </ul>















	CGS/PDS D	
	Master's to PhD	Bachelor's to PhD (direct- entry)
Eligibility As of December 31 of the year you apply	0-24 months in PhD	4-36 months in PhD
Minimum Average	First-class in each of the last two years of completed study (full-time equivalent) as determined by your university	















### **Selection Criteria and Weightings**

Criterion	Weight (%)
Academic Excellence	30
Research Ability or Potential	50
Communication, Interpersonal, and Leadership Abilities	20
TOTAL	100















### Where do you apply and when?

### Apply through your current university if:

 You are currently registered at, or are on an approved leave of absence from, a Canadian university in a degree program

### Apply through the university where you were registered if:

 You are not currently registered at a university or are registered, but not in a degree program, and you graduated from a degree program from a Canadian university during the calendar year in which you are applying

**Deadline: verify with your university!** 















### Where do you apply and when?

### Apply directly to NSERC ONLY if:

- You are currently registered at a foreign university
- You are not currently registered at a university or are registered, but not in a degree program, and you graduated from a degree program prior to January of the year of application
- Deadline: Applications must be received electronically by 8 PM (ET) on October 16







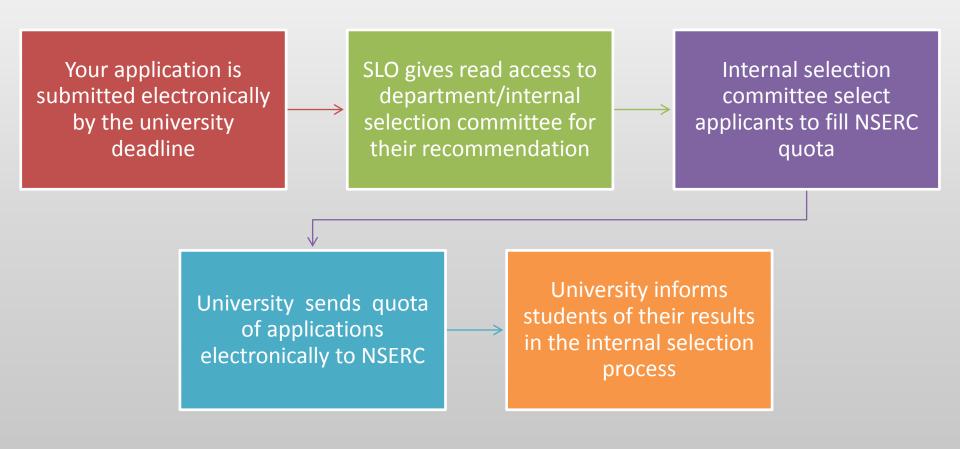








## What happens to your PGS D application at the university?









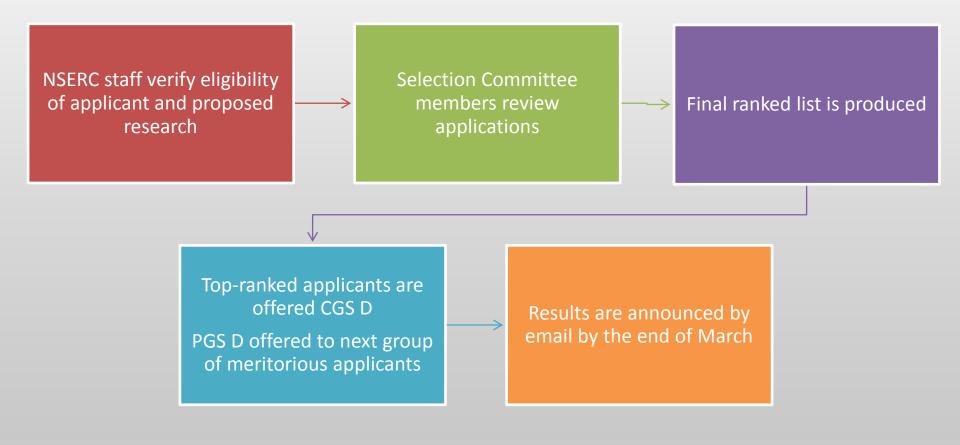








## What happens to your PGS D application at NSERC?

















### Scholarships and Fellowships **Selection Committees**

Earth Sciences	Evolution and Ecology
Mathematical Sciences	Physics and Astronomy
Chemistry	Cellular and Molecular Biology
Civil, Industrial and Systems Engineering	Chemical, Biomedical and Materials Science Engineering
Mechanical Engineering	Psychology
Plant and Animal Biology	Computing Sciences
Electrical Engineering	

IMPORTANT: The research subject code you select in your application will determine your Selection Committee







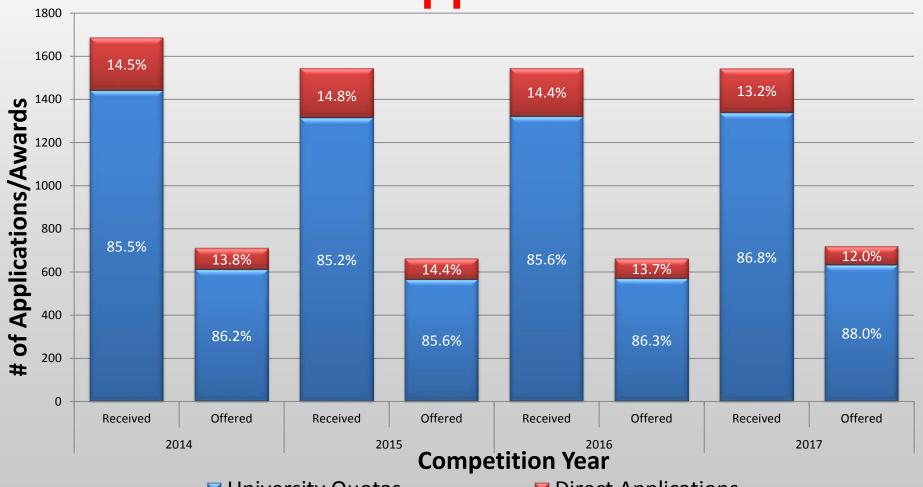








### PGS D / CGS D Application Statistics



■ University Quotas

■ Direct Applications

















### Vanier Canada Graduate Scholarships (Vanier CGS)

	Vanier CGS
Value	\$50,000 per year for three years
Open to:	<ul> <li>Canadian citizens</li> <li>Permanent residents of Canada</li> <li>Foreign citizens</li> </ul>
Minimum Average	First-class in each of the last two years of completed study (full-time equivalent) as determined by your institution
How and when do I apply?	You must be nominated by a Canadian Institution with a Vanier CGS quota; Institutional nomination by November 1, 2017 at 8:00 p.m. (ET)*
When are awards announced?	By the end of March

<sup>\*</sup> Contact your Office of Graduate Studies for the university-specific deadline















## Canada Graduate Scholarships – Michael Smith Foreign Study Supplements (CGS-MSFSS)

	CGS-MSFSS
Value	\$6,000 (covers travel, living and other non-research related costs)
Open to:	<ul> <li>Canadian Citizens or Permanent Residents of Canada</li> <li>registered at an eligible Canadian institution</li> <li>have accepted or hold a CGS (Master's or Doctoral) or Vanier CGS (if eligible)</li> <li>must not have accepted a previous CGS-MSFSS</li> </ul>
How to apply:	Applications are submitted through the University, within their assigned allocation
Duration:	3 to 6 months

<sup>\*</sup> Contact your Office of Graduate Studies for the university-specific deadline















### Foreign Study Supplements in Taiwan

	Foreign Study Supplement in Taiwan
Value	CAD \$2,500 Contribution from NSERC TWD 41,000 from Ministry of Science and Technology in Taiwan
Open to:	<ul> <li>you must hold an active NSERC postgraduate scholarship (PGS), Canada Graduate Scholarship (CGS) or Vanier CGS; or</li> <li>your academic supervisor must hold an active NSERC Discovery Grant, Collaborative Research and Training Experience (CREATE) Grant or Strategic Partnership Grant; and</li> <li>you must be pursuing studies in natural sciences or engineering or both.</li> </ul>
How to apply:	Apply directly to NSERC. Contact <a href="mailto:schol@nserc-crsng.gc.ca">schol@nserc-crsng.gc.ca</a> for application form and instructions. Applications must be received at NSERC by February 1 each year.
Duration:	8 weeks (set dates)













# Postdoctoral Fellowships















### **NSERC Postdoctoral Fellowships (PDF)**

	PDF
Value and duration?	• \$45,000 per year for two years
When and how to apply?	<ul> <li>By 8 PM (ET) on October 16, 2017</li> <li>NSERC Online System</li> </ul>
Who can apply?	<ul><li>Canadian citizens</li><li>Permanent residents of Canada</li></ul>
Where can you hold the award?	<ul> <li>Canadian universities</li> <li>Provincial research institutions in Canada</li> <li>Other appropriate research laboratory in Canada</li> <li>Universities and research centres abroad (PhD must be from Canadian university)</li> </ul>
What is the eligibility window?	<ul> <li>PhD must have been completed after October 16, 2015 (some exceptions)</li> </ul>
When are awards announced?	Mid-January 2018















### **Selection Criteria and Weightings**

Criterion	Weight (%)
Academic Excellence	n/a
Research Ability or Potential	70
Communication, Interpersonal, and Leadership Abilities	30
TOTAL	100

NOTE: You can only apply once to the PDF program







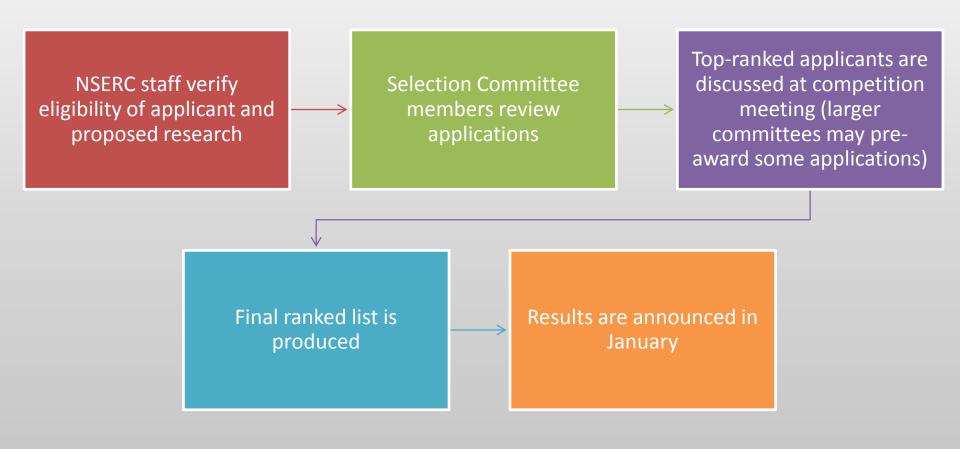








### What happens to your PDF application at NSERC?









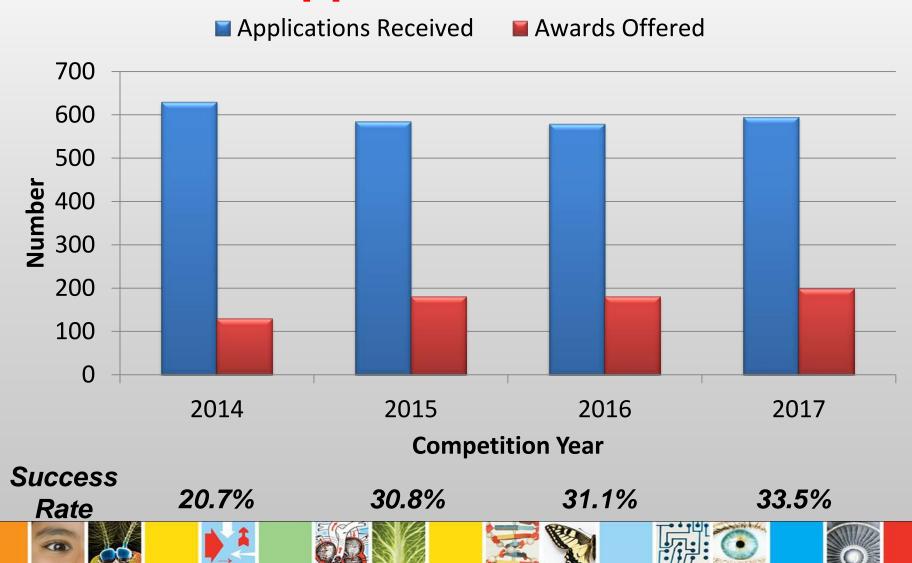




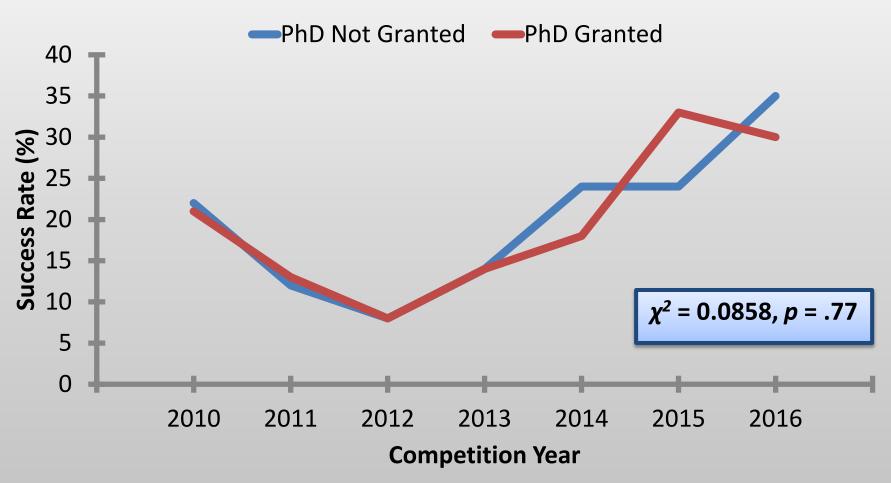




### **PDF Application Statistics**



### Should you apply during or after your PhD?

















### **Banting Postdoctoral Fellowships**

	Banting PDF
Value and duration?	• \$70,000 per year for two years
When and how to apply?	<ul><li>By 8 PM (ET) on September 20, 2017</li><li>ResearchNet</li></ul>
Who can apply?	<ul> <li>Canadian citizens</li> <li>Permanent residents of Canada</li> <li>Foreign citizens</li> </ul>
Where can you hold the award?	<ul> <li>Canadian universities</li> <li>Foreign universities</li> <li>Affiliated research hospitals, colleges and not-for-profit organizations with a strong research mandate and capacity</li> </ul>
Selection Criteria? (weighted equally)	<ul> <li>Research excellence and leadership in the research domain</li> <li>Quality of applicant's proposed research program</li> <li>Institutional commitment and demonstrated synergy between applicant and institutional strategic priorities</li> </ul>

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

	AANSE
Value	Up to \$5,000 towards travel costs
To be eligible, you must:	<ul> <li>be a Canadian Citizens or Permanent Residents of Canada</li> <li>be an Aboriginal person*</li> <li>be registered full-time in an NSE degree program at an eligible Canadian institution OR</li> <li>be employed at an eligible institution as postdoctoral fellow in the NSE</li> </ul>
How to apply:	No deadline; Apply minimum 2 months prior to your visit. Consult AANSE webpage.
Minimum average for students:	B or B- (or equivalent) over the last year (minimum 2 terms)

<sup>\*</sup> NSERC uses the Canadian Constitution Act, 1982 definition of Aboriginal peoples as including the Indian, Inuit, and Métis peoples of Canada.















### **How to Apply**

# Completing Form 201 – Application for a Postgraduate Scholarship or a Postdoctoral Fellowship

















### Canadä



### Natural Sciences and Engineering Research Council of Canada



Login ^ Home

### Discover /

We invest in scientific of Canada - science al knowledge.

### On-line System >

Login to create or access an application.

### FDSR System >

The Financial Data Submission and Reconciliation (FDSR) System is for academic institution officials who electronically transmit their annual financial data.















### Form 201 – Application Profile

### Form Form 201 - Application Profile Application Profile This information was transferred from the New Application screen. You may update the fields as needed. Person Profile Addresses Academic Program Postgraduate Scholarships - PGS D Background Experience Title of proposal Awards Location of Tenure (200 chars) S&F Information Application language | English | ▼ Thesis Proposed starting date of award Kev Words Outline of Proposed **Current status** • Research Justif. for Eligibility of Proposed Research Option A = You are currently registered at a foreign university. Contributions/ Option B = You are not currently registered at a university; or are registered, but not in a degree program; and have Statements completed all of the requirements for a degree program prior to January 1 of this year. Transcripts - Direct Transcripts -Option C = You are currently registered at (or were registered at during the year of application), or are on an approved University leave of absence from, a Canadian university in a degree program. Reports on the Option D = You are not currently registered at a university; or are registered, but not in a degree program; and have Applicant completed all of the requirements for a degree program from a Canadian university since January 1 of this year. University

















### Form 201 – Person Profile

Form	Form 201 - Person Profile	
Application Profile	remizer resemble	
Person Profile	This information was transferred from the New User Registration information screen. If you need to update these fields	
Addresses	use the Maintain User Profile function under Accou	unt Management on the eConsole screen.
Academic Background	Family name	
Experience	Given name	
Awards	Initial(s) of <u>ALL</u> given names	
<u>Location of Tenure</u>	Previous family name	
S&F Information	NSERC PIN	
Thesis	E-mail address	
Key Words	Citizenship	<b>▼</b>
Outline of Proposed Research	Indicate date of landing as stated on official immigration document	yyyy mm dd 🛅
Justif. for Eligibility	Country of citizenship (if not Canada)	(20 chars)
of Proposed Research		
	Gender (completion optional)	▼
Contributions/ Statements	Designated groups (completion optional)	Aboriginal $\square$ Visible Minority $\square$ Disabled $\square$
Transcripts - Direct	Preferred language	
Transcripts -	of correspondence	
University	What languages do you:	
Reports on the	Read	English  French





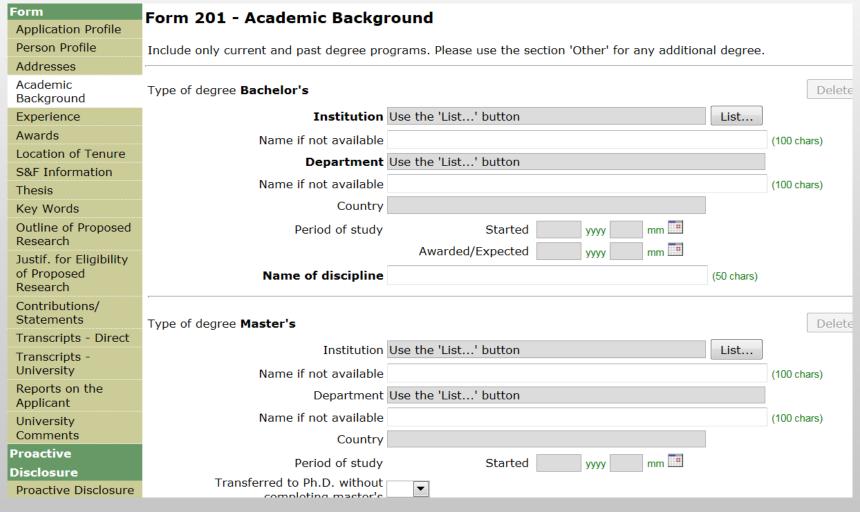








### Form 201 – Academic Background











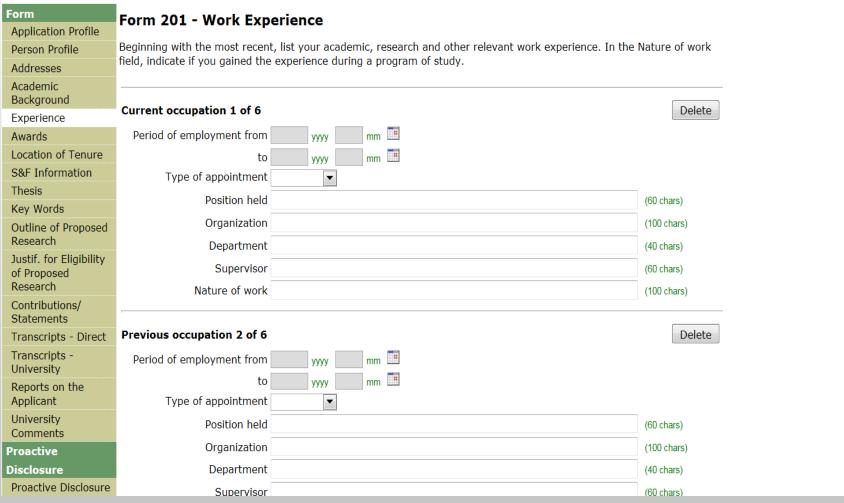








### Form 201 – Work Experience



















### Form 201 – Scholarships and Other Awards Offered

Form	Form 201 - Scholarships and	Other Awards Offered	
Application Profile	·		
Person Profile	List only competitive awards based on academic or research excellence and/or leadership or communication abilities.  Include NSERC awards and declined awards. You may list up to ten awards starting with your most recent awards.		
Addresses	Include NSERC awards and declined awar	rds. You may list up to ten awards starting with your most	recent awards.
Academic Background	Note: "declined awards" refers to awards	s that were offered to you but which you declined.	
Experience			
Awards	New Entry		Delete
Location of Tenure	Name of award	(25 abara)	
S&F Information		(35 chars)	
Thesis	Location of tenure	(35 chars)	
Key Words	Value Per Year	\$CAD	
Outline of Proposed Research	Period held from	yyyy mm Declined	
Justif. for Eligibility	to	yyyy mm ==	
of Proposed Research	Level	▼	
	Туре	▼	
Contributions/ Statements			
Transcripts - Direct	New Entry		Delete
Transcripts -	Hew Lift y		Delete
University	Name of award	(35 chars)	
Reports on the Applicant	Location of tenure	(35 chars)	
University	Value Per Year	\$CAD	
Comments	Period held from	yyyy mm Declined	
Proactive	to	yyyy mm 🖽	
Disclosure	Level		
Proactive Disclosure	20101		















### Form 201 – Location of Tenure

Form	Form 201 - Location of Tenure		
Application Profile			
Person Profile	Indicate where you would like to hold this award, in order of preference.		
Addresses	Note: The 'List' button contains a list of pos	tsecondary institutions.	
Academic Background			
Experience	Proposed location of tenure		
Awards	•		
Location of Tenure	Institution / organization		List
S&F Information	Name if not available		(100 chars)
Thesis	Department		
Key Words	·		
Outline of Proposed	Name if not available		(100 chars)
Research	Proposed supervisor		(60 chars)
Justif. for Eligibility of Proposed Research	Program of study		(100 chars)
Contributions/ Statements	Second location (if appropriate)		
Transcripts - Direct	,		
Transcripts -	Institution / organization		List
University	Name if not available		(100 chars)
Reports on the Applicant	Department		
University	Name if not available		(100 chars)
Comments	Proposed supervisor		(60 chars)
Proactive	Program of study		(100 chars)
Disclosure	og. am or otday		(100 01010)

















### Form 201 – Justification for location of tenure (PDF Only)

### Form Form 201 - Justification for location of tenure **Application Profile** Provide a rationale for your choice(s) for location of tenure. To confirm that your text will fit, save your infor Person Profile and select 'Preview', then adjust accordingly. Addresses See instructions for further details. Academic Background Experience Awards Location of Tenure Justification Loc. tenure Thesis Key Words Outline of Proposed Research Justif. for Eliaibility of Proposed Research Contributions/ Statements Transcripts - Direct Reports on the **Applicant** Proactive Disclosure Proactive Disclosure















## Form 201 – Scholarship / Fellowship Information (PGS/CGS D only)

Form	Form 201 - Scholarship/Fellowship Information				
Application Profile	remi 202 Constantinp, remember promise and remembers and r				
Person Profile	At the time of application, are you attending university?				
Addresses					
Academic	r roposed degree program				
Background	If you are offered an award, do you plan to take it up at a foreign university?  If you answered yes to the previous question, do you still want to be considered for an Alexander Graham Bell Canada Graduate				
Experience					
Awards					
Location of Tenure	Scholarship which is tenable only in Canada?				
S&F Information					
Thesis	Number of months of graduate studies (master's and doctoral) you have completed as of December 31 of the year of				
Key Words	application in the natural sciences and engineering (if none, enter "0"):				
Outline of Proposed Research	Months of full-time studies				
Justif. for Eligibility of Proposed Research	Months of part-time studies				
Contributions/ Statements	Number of months of studies you have completed, as of December 31 of the year of application, in the program				
Transcripts - Direct	for which you are requesting funding (if none, enter « 0 »):				
Transcripts - University	Months of full-time studies				
Reports on the					
Applicant	Months of part-time studies				
University					
Comments					
Proactive					
Disclosure					

















### Form 201 – Thesis Information

### Form Form 201 - Thesis Information **Application Profile** Information on theses completed or in progress. For completed degrees, indicate the date by which you completed all Person Profile degree requirements (not the convocation date). This includes your thesis defence, corrections, and deposition of thesis. Addresses Academic Degree (60 chars) Background Supervisor (60 chars) Experience mm 🛄 Date degree requirements completed Awards уууу Location of Tenure S&F Information Title of the thesis Thesis (200 chars) Key Words Outline of Proposed Research Degree (60 chars) Justif. for Eligibility Supervisor (60 chars) of Proposed mm 🎹 Date degree requirements completed Research yyyy Contributions/ Statements Title of the thesis Transcripts - Direct (200 chars) Transcripts -University Summary of thesis most recently completed or in progress. Use plain language. Do not reproduce the thesis abstract. To Reports on the confirm that your text will fit, save your information and select 'Preview', then adjust accordingly. **Applicant** University

















## Form 201 – Keywords / Research Subject Code

### Form Form 201 - Key Words / Research Subject Code **Application Profile** Person Profile The Research Subject Code entered on the application will determine the selection committee in which the application will be evaluated. Consult the List of Research Subject Codes for Scholarships and Fellowships before making your selection. Addresses Academic Research subject code Background Primary Use the 'List...' button List... Experience Awards Key words Location of Tenure S&F Information List up to ten (10) key words that describe your proposed research (for example, nuclear physics, geochemistry, etc.) Thesis (36 chars) Key Words Outline of Proposed (36 chars) Research (36 chars) Justif. for Eligibility of Proposed (36 chars) Research (36 chars) Contributions/ Statements (36 chars) Transcripts - Direct (36 chars) Transcripts -(36 chars) University Reports on the (36 chars) **Applicant** (36 chars) University Comments Proactive



Disclosure













### Advice and Tips on Completing Form 201













# Tips on applying for an NSERC scholarship or fellowship

### Selection Committee Member Presentation

#### **Video**



https://www.youtube.com/watch?v=GvUsRO9ZB8E













### **General (but important!) tips**



Read the Application Instructions

Read the Selection Committee Guide











### What makes a good research proposal?

- Write the proposal yourself
- Be as clear as possible
- Describe the objectives, hypothesis, experimental approach, methods, significance, etc.
- Clearly explain the significance to the NSE
- Make your proposal understandable for the whole committee whose members will have a broad range of expertise
- Do not repeat info from the Thesis section (you can refer to it)
- Focus on what you will be working on during the tenure of the award
- Maximum of one page in length (including references)













## Making sure your research and your program are eligible at NSERC

- NSERC supports research whose major challenges lie in the natural sciences and engineering (NSE), other than the health sciences
- Applications containing research proposals that are not eligible under these guidelines may be rejected
- Consult NSERC's Eligibility Criteria for Students and Fellows (Guidelines and Addendum)
- You can only apply to one agency per academic year
- For doctoral and postdoctoral awards, NSERC does not support programs that include a professional component (i.e., MD/PhD)













### Justifying the eligibility of your research

- Complete the Justification for Eligibility of Proposed Research section if your research has any potential overlap with health or social sciences
- This section is used by NSERC staff to determine the eligibility of your proposed research; it is not seen by the selection committees
- Use plain language to explain why you believe that your research is eligible at NSERC
- It should not be another description of your research project
- It should be a short explanation (a paragraph is fine, you do not need to use the whole page)













### Contributions and applicant's statement

- Part 1: Articles published, accepted, submitted
- Part 2: Most significant contributions to R&D
- Part 3: Applicant's statement:
  - research experience
  - relevant activities
  - special circumstances

Page limits: PGS D - 2 pages / PDF - 4 pages

No updates accepted once application is submitted













### Common mistakes when writing proposal / contributions / statement

- Lack of focus or coherence
- Repetitiveness
- Failure to cite important work in the area
- Failure to cite recent relevant work
- Citing too many irrelevant articles
- Relying too much on secondary sources (lack of understanding)
- Too much detail on minor issues; too little detail on major issues
- Research contributions not properly highlighted
- Impact / importance of research not explained













#### **Transcripts**

- Follow the transcript guidelines in the Form 201 Instructions; your application will be rejected if you have not followed these instructions
- Transcripts must be:
  - up-to-date

dated or issued in the current fall session or after the last term during which you were registered (even if there are no grades or updates)

- Official
  - issued by the Registrar's Office (not web transcripts)
- included for each program listed under your Academic Background
   For PDF, you only need your doctoral transcripts
- You are responsible for ensuring all transcripts have been uploaded according to the guidelines (even if your university does the uploading)













#### Reports on the Applicant

- Who should you ask to write your reports?
  - Your thesis supervisor
  - Another person familiar with your research and other abilities
  - Not your proposed supervisor (unless they are currently or have been your supervisor)
- How do you invite your referees to complete the reports?
  - Enter their names and email addresses in the online system; the system will send them an email with instructions
  - Invite them well in advance of the deadline; your application cannot be submitted without these reports















#### Where to get additional information?

- Resource videos on NSERC website:
  - Tips on applying for an NSERC scholarship or fellowship
  - Demystifying the review process for NSERC scholarships and fellowships
  - Program guides and application tutorials

<u>http://www.nserc-crsng.gc.ca/Students-Etudiants/Videos-Videos/Index\_eng.asp</u>

See NSERC website for other opportunities and supplements













## Diversity and Gender Equity Initiatives at NSERC













### What is gender equity?

- Fair process of allocating resources and decision making
- Measures necessary to eliminate discrimination and inequalities between women, men and gender diverse people
- Equal opportunities
- Equity is a means. Equality is the result we are striving for

#### **VIDEO:**

http://bit.ly/22gUjQY















## Diversity and gender equity as components of research excellence

- Studies have shown that research quality is improved when:
  - sex, gender, and diversity are taken into account in the experimental design
  - research teams are diverse
- "The goals of excellence and equity are both compatible and mutually supporting. Sound equity practices ensure that the largest pool of qualified candidates is accessed...." (Canada Research Chairs Peer Review Guidelines)













## **NSERC** initiatives that affect students and postdoctoral fellows

- Selection committees must have at least 20% women (30% by 2020)
- Members must complete gender equity training modules and references are encouraged to do so
- List of examples of activities demonstrating communication, interpersonal, and leadership skills expanded to include recognition for science promotion, outreach, volunteer work, coaching, clubs, civic engagement, etc.
- Parental leave policies
  - 6 month paid parental leave available (regardless of your eligibility for other paid parental leave)
  - part-time options available for parental and family responsibilities
  - extension of PDF eligibility window for parental leave
- Applicants are evaluated on their active period, excluding leaves
- Equity data of applicants will be collected to better inform policy and program decisions
- Applications from qualified Indigenous doctoral applicants may be submitted in addition to university quotas















#### **Gender Summit 11**

The Gender Summit links hundreds of delegates active in research and initiatives related to gender equity from around the globe. These action-based events aim to make gender equality the norm and to embed it as a primary dimension of quality in research and innovation.



EMBRACING PLURALISM AND THRIVING
THROUGH DIVERSITY – SHAPING SCIENCE AND
INNOVATION

November 6-8, 2017 – Montreal, Canada





















#### **Contact Information**

- NSERC Scholarships and Fellowships schol@nserc-crsng.gc.ca
- Online Services Helpdesk <u>webapp@nserc-crsng.gc.ca</u>
   (613) 995-4273
- SLO Enquiries
   schol-SLO@nserc-crsng.gc.ca











