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









# NSERC Information Session Scholarships and Fellowships 2016 Competition

The University of British Columbia Manon Hotte and Daniel Mayer September 10, 2015



Natural Sciences and Engineering Research Council of Canada

Conseil de recherches en sciences

naturelles et en génie du Canada



## **Agenda**

- Doctoral Programs
- Postdoctoral Programs
- How to complete Form 201
- How to get help
- Supplements and Other Funding Opportunities

# **NSERC Graduate Programs for doctoral students**

- Alexander Graham Bell Canada Graduate Scholarships-Doctoral (CGS D) / NSERC Postgraduate Scholarships-Doctoral (PGS D)
- Vanier Canada Graduate Scholarships (Vanier CGS)
- Canada Graduate Scholarships Michael Smith Foreign Study Supplement (CGS-MSFSS)
- Summer Programs in Taiwan

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

	CGS D	PGS D
Value	\$35,000 per year for 2 or 3 years	\$21,000 per year for 2 or 3 years
Tenure	Canadian university	<ul> <li>Canadian university</li> <li>Foreign university ONLY if you already have at least one Canadian NSE degree</li> </ul>
Open to:	Canadian citizen Permanent resident of Can	ada















	CGS/PDS D				
	Master's to PhD	Bachelor's to PhD (direct- entry)			
Eligibility*	0-24 months in Doctorate	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				

# \*As of December 31 of the year of application; full-time equivalent















# **Selection Criteria and Weightings**

	Weight %
Academic Excellence	30
Research Ability or Potential	50
Communication, Interpersonal and Leadership Abilities	20
Total	100















# Scholarships and Fellowships Selection Committees

 Our 12 Selection Committees review applications for the CGS D/PGS D and PDF programs:

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

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















## 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!** 













#### 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 8:00 p.m. (ET) on October 15









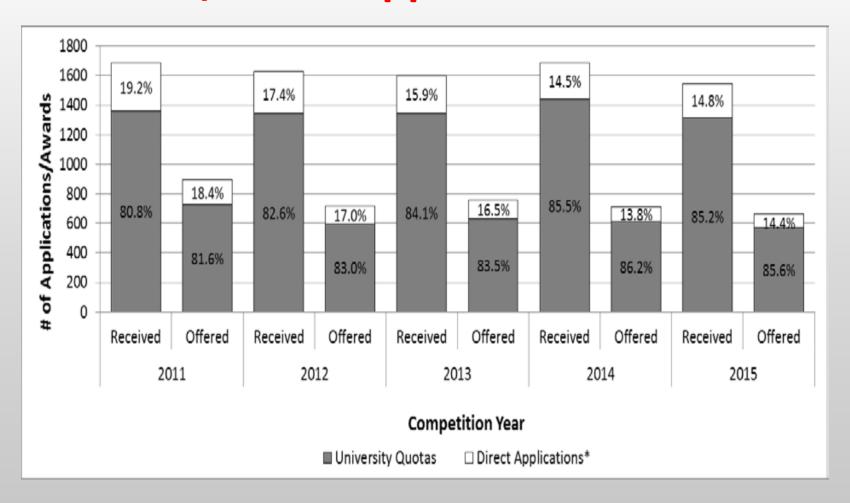




# What happens to the CGS/PGS D application at the university?

- Student submits electronically to university
- University gives read access to the applications to departments / internal selection committees for their recommendations
- University committees select applicants to fill NSERC quota
- Quota of applications sent electronically to NSERC

#### **PGS D/CGS D Application Statistics**

















# 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 quota; Institutional nomination by November 4 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

















#### In addition, you must:

- be pursuing your first doctoral degree (or combined MA/PhD or MD/PhD)
- not have completed more than 20 months of doctoral studies as of May 1, 2016
- not have received previous doctoral level funding from CIHR, NSERC or SSHRC

#### **Evaluation Criteria (weighted equally):**

**Academic Excellence** 

Research Potential

Leadership (potential and demonstrated ability)















- Candidates may <u>only</u> apply to the same federal granting agency's doctoral scholarship/fellowship program and the Vanier CGS program simultaneously within the same academic year.
- Justification required to complete doctoral degree at the same university where you earned a previous degree.
- The application form and more information are found at the Vanier CGS website (www.vanier.gc.ca).













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

#### Candidates:

- Canadian Citizens or Permanent Residents of Canada
- registered at an eligible Canadian institution
- have accepted or hold a CGS (Master's or Doctoral) or Vanier CGS (if eligible)
- must not have accepted a previous CGS-MSFSS

#### Applications:

submitted through the University, within their assigned quota

#### Awards:

- recipients must hold an active CGS at start of award
- maximum value of \$6,000 (covers travel, living and other non-research related costs)
- duration of 3 to 6 months
- start date must be after the application deadline and within one year of receiving notice of award

#### **CGS-MSFSS** (continued)

CIHR

Research Capacity

Development

Web site: <a href="http://www.cihr-irsc.gc.ca/">http://www.cihr-irsc.gc.ca/</a>

Email: CGSMSFSS@cihr-irsc.gc.ca

Phone: 613-952-0763

**SSHRC** 

Research Training
Portfolio

Web site: <a href="http://www.sshrc-crsh.gc.ca/">http://www.sshrc-crsh.gc.ca/</a>

Email: fellowships@sshrc-crsh.gc.ca

Phone: 613-943-7777

**NSERC** 

Scholarships and Fellowships Division

Web site: <a href="http://www.nserc-crsng.gc.ca/">http://www.nserc-crsng.gc.ca/</a>

Email: schol@nserc-crsng.gc.ca

Phone: 613-995-5521

# **Summer Program in Taiwan**

Value	\$2,500 + living expenses
Eligibility Must hold an active MSFSS	
Duration	8 weeks (June to August)
Deadline	Email schol@nserc-crsng.gc.ca















## **NSERC Postdoctoral Programs**

- Postdoctoral Fellowships (PDF)
- Banting Postdoctoral Fellowships (BPDF)
- Japan Society for the Promotion of Science Fellowship (JSPS)

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

	PDF			
Value	\$45,000 per year for two years			
When and how to apply?	By 8:00 p.m. (ET) on October 15. Applications submitted through the NSERC Online System			
When are awards announced?	Mid-January 2016			
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>			















	PDF
All requirements of first PhD completed	<ul> <li>After October 15, 2013 (some exceptions) or by September 1, 2016</li> </ul>
Open to	<ul> <li>Canadian citizens</li> <li>Permanent residents of Canada</li> </ul>
Selection Criteria	Research Ability or Potential: 70%  Communication, interpersonal, and leadership abilities: 30%

#### You can only apply once to the PDF program









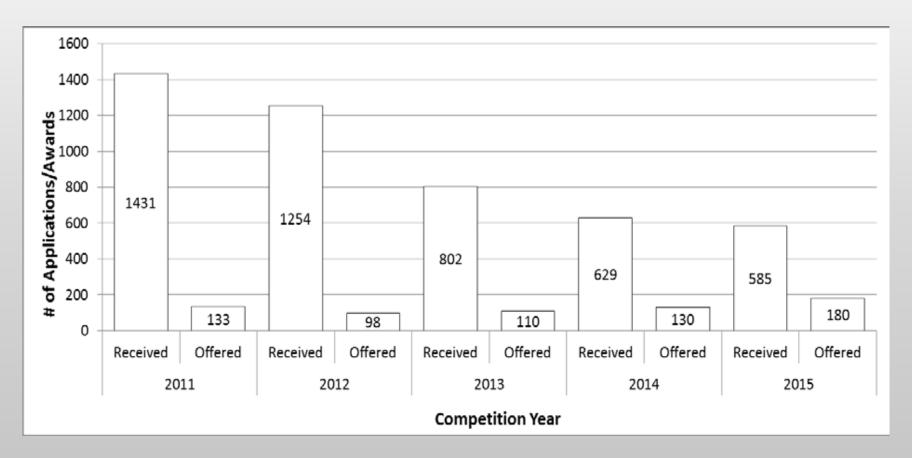








## **PDF Application Statistics**



















# Banting Postdoctoral Fellowships (Banting PDF)

	PDF			
Value	\$70,000 per year for two years			
When and how to apply?	By 8:00 p.m. (ET) on September 23, 2015. Applications submitted through ResearchNet			
When are awards announced?	End January 2016			
Where can you hold the award?	<ul> <li>Canadian universities</li> <li>Foreign universities (capped at 25% overall)</li> <li>Affiliated research hospitals, colleges and not-for-profit organizations with a strong research mandate and capacity</li> </ul>			















# **Banting PDF**

	Banting PDF
All requirements of PhD completed	<ul> <li>Between September 23, 2012 and August 15, 2016 (inclusively), and before the start date of the award.</li> </ul>
Open to	<ul> <li>Canadian citizens</li> <li>Permanent residents of Canada</li> <li>Foreign citizens (must hold fellowship at a Canadian university)</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>















# Japan Society for the Promotion of Science Postdoctoral Fellowships (JSPS)

- Conduct research in Japan
- Application deadline: January 25, 2016
- PhD completed within past six years
- How to apply:
  - Find a host organization
  - Contact NSERC for application form





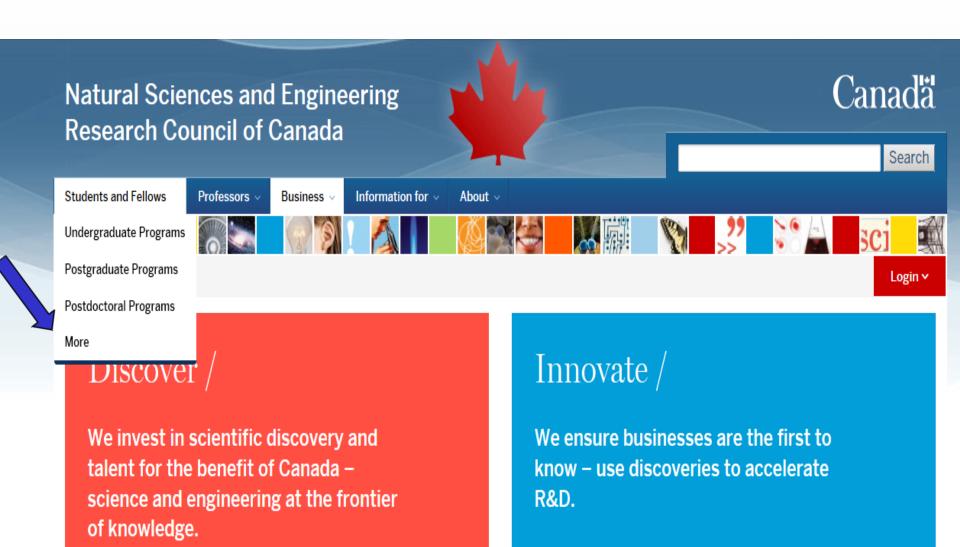








# Completing Form 201 – Application for a Postgraduate Scholarship or a Postdoctoral Fellowship



#### **Featured News**

Postgraduate Programs

Postdoctoral Programs

Summary of Changes

Eligibility

How to Apply

Direct Deposit

Resource Videos

Contact Newsletts

Tri-Agency
Harmonization of
the Canada
Graduate
Scholarships

Application Deadlines and Notification of Decision

Policies and Guidelines

Award Holder's Guide

#### and Fellows

NSERC offers scholarships and fellowships for every stage of study, from undergraduate to postdoctoral.

The Program Guide for Students and Fellows and the Award Holder's Guide contain information that will be needed by applicants for and holders of NSERC awards. These guides supersede all previous versions and take effect on September 1, 2014. NSERC may, without notice, alter the programs or the terms and conditions of the awards. Any major changes will be announced immediately on this Web site and the effective date will be the date indicated at the bottom of the relevant Web page.

#### Program Guid

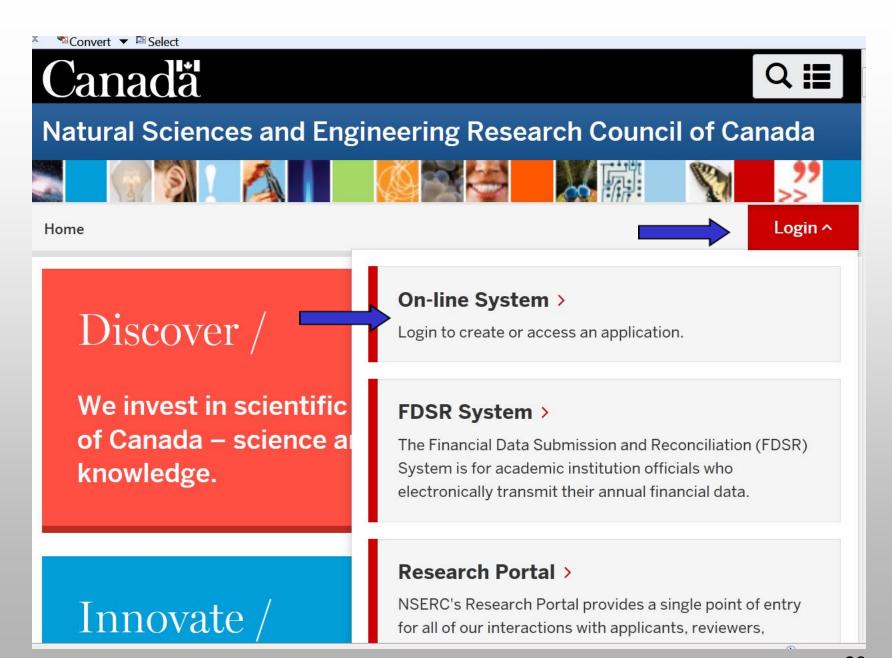
- ▶ Undergraduate Programs
- ▶ Postgraduate Programs
- ▶ Postdoctoral Programs
- Summary of Changes

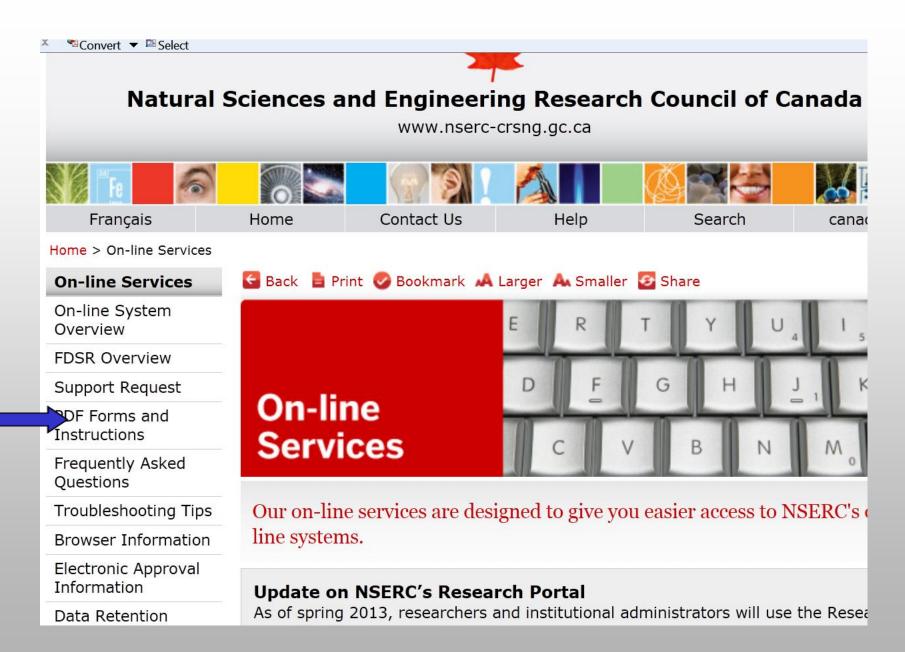
- ▶ Eligibility Criteria
- ▶ How to Apply
- Application Deadlines and Notification of Decision
- ▶ Policies and Guidelines

#### Other

- Tri-Agency Harmonization of the Canada Graduate Scholarships
- ▶ Award Holder's Guide
- ▶ Resource Videos
- ▶ Contact Newsletter
- ▶ 2015 Competition Statistics
- ▶ Family and Medical Leave
- ▶ 2015 Tri-Council Regional

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**For Authorized Institutional Representatives**: Before you register to access the Online System or the Financial Data Submission and Reconciliation (FDSR) System, ensure that you have completed, signed and emailed the pertinent registration form to NSERC and read the instructions and the frequently asked questions provided. You will find the forms, instructions and frequently asked questions, for one or the other system, at the On-line System Overview and FDSR Overview pages.

#### On-line System Users

Select **On-line System Login** to create or access an application.

On-line System Login

- ▶ First-Time User? Please Register
- ▶ Frequently Asked Questions
- ▶ Forms in PDF Format and Instructions

#### Financial Data Submission and Reconciliation

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

**FDSR System Login** 

## 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 Key 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

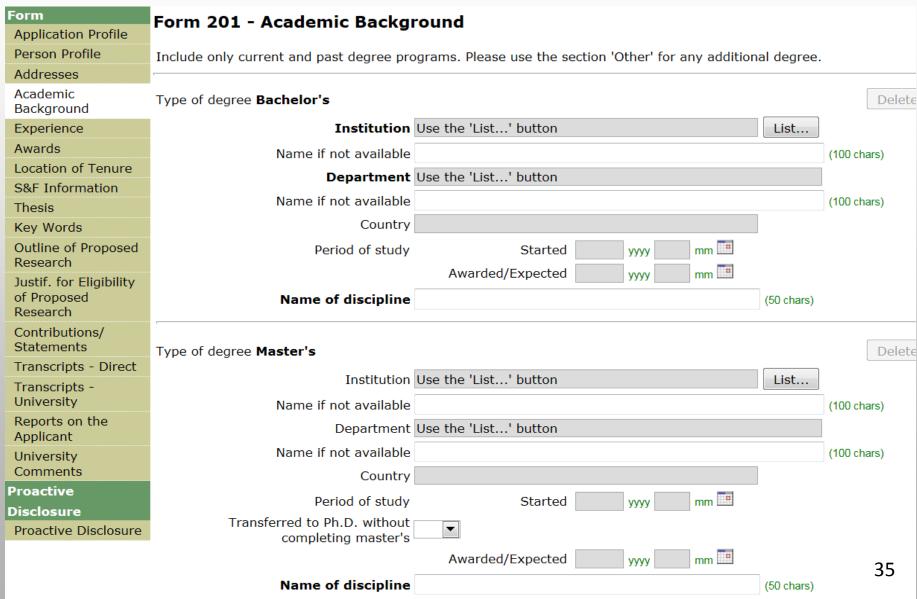
## Form 201 – Person Profile

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Save	Preview	Portfolio			Instructions	Logout
Person Profile >						
Form	orm 201 - Persor	. Profile				
Application Profile	oiiii 201 - Peisoi	i Piolile				
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Academic		Family name				
Background		Given name				
Experience	* ''' 1/ \					
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		▼		
Outline of Proposed	Indicate date of land	ing as stated on official				
Research		immigration document	уууу	mm	dd 😬	
Justif. for Eligibility of Proposed	Country of citiz	enship (if not Canada)		(20 d	chars)	
Research	Gende	r (completion optional)	▼			
Contributions/						
Statements	Designated groups	(completion optional)	Aboriginal $\square$	Visible Minor	ity 🗆 Disabled 🗆	
Transcripts - Direct		Preferred language				
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University	V	/hat languages do you:				
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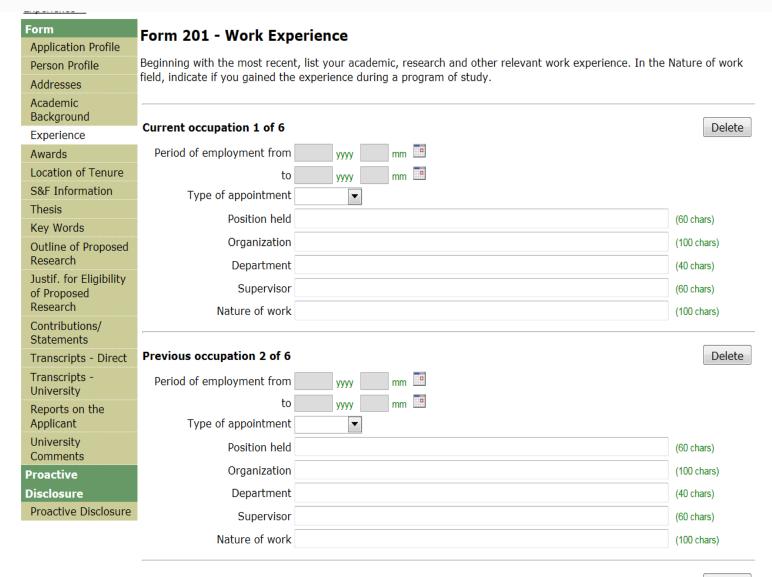
#### Form 201 – Addresses

Form	Form 201 - Addresses							
Application Profile	Torm 201 Addresses							
Person Profile	Please enter your current mailing	address	below	•				
Addresses	Type of address		•	Ī				Delete
Academic			<u> </u>					Delete
Background	Street address line							
Experience	1						(40 chars)	
Awards	2						(40 chars)	
Location of Tenure	3						(40 chars)	
S&F Information	_							
Thesis	4						(40 chars)	
Key Words	City					(30 cha	rs)	
Outline of Proposed Research	Province/State						ited States only	
Justif. for Eligibility of Proposed	Postal/Zip code					United States o 6G4 or 443250	only. No spaces or dashes, 010.	
Research	Country						List	
Contributions/ Statements	If temporary, indicate leaving date	уу	уу	mm		dd 🍱		
Transcripts - Direct		Country	Area	I	Number		Extension	
Transcripts - University	Telephone number							
Reports on the Applicant	Facsimile number							
University								
Comments	Please enter your permanent add	ess if it	is diffe	rent f	rom v	our curren	t mailing address.	
Proactive	, .				•		-	
Disclosure	Type of address		▼	]				Delete
Proactive Disclosure	Street address line			-				
	1						(40 chars)	
	2						(40 chars)	

# Form 201 – Academic Background

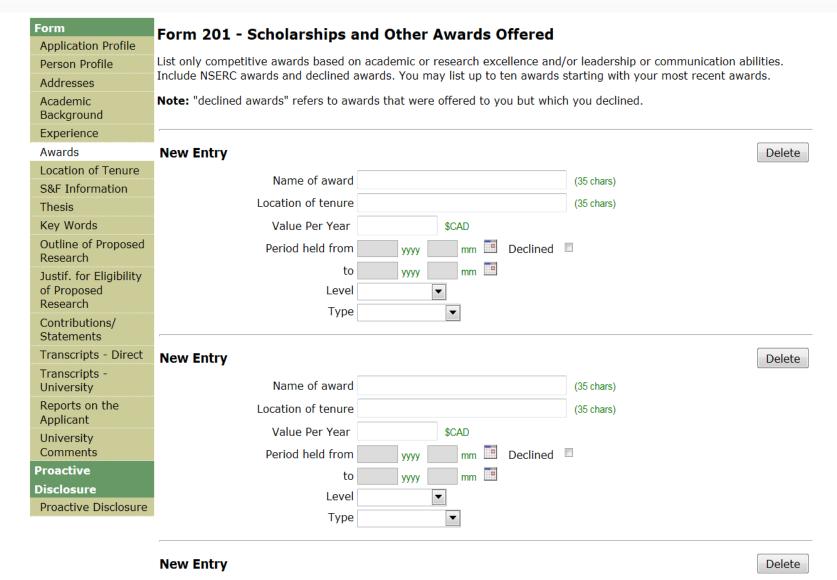


#### Form 201 – Work Experience



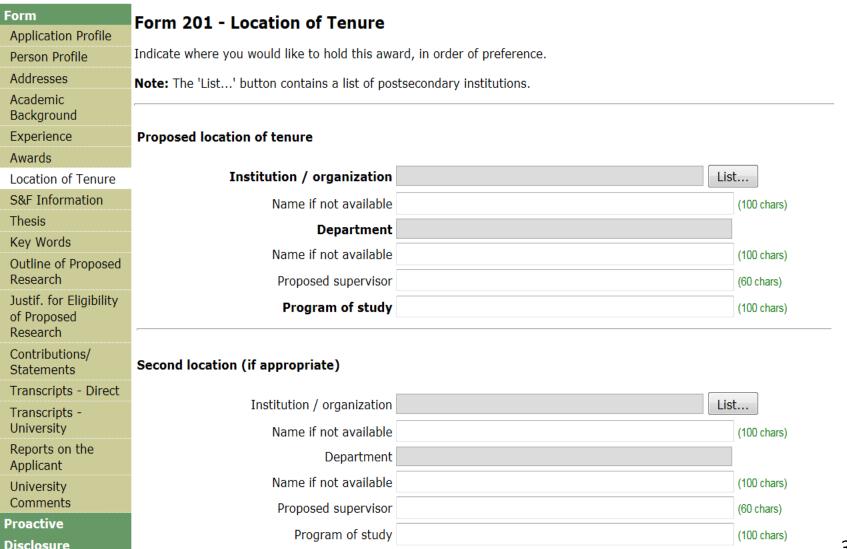
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### Form 201 – Scholarships and Other Awards Offered



### Form 201 – Location of Tenure

Location of Tenure >



**(** 

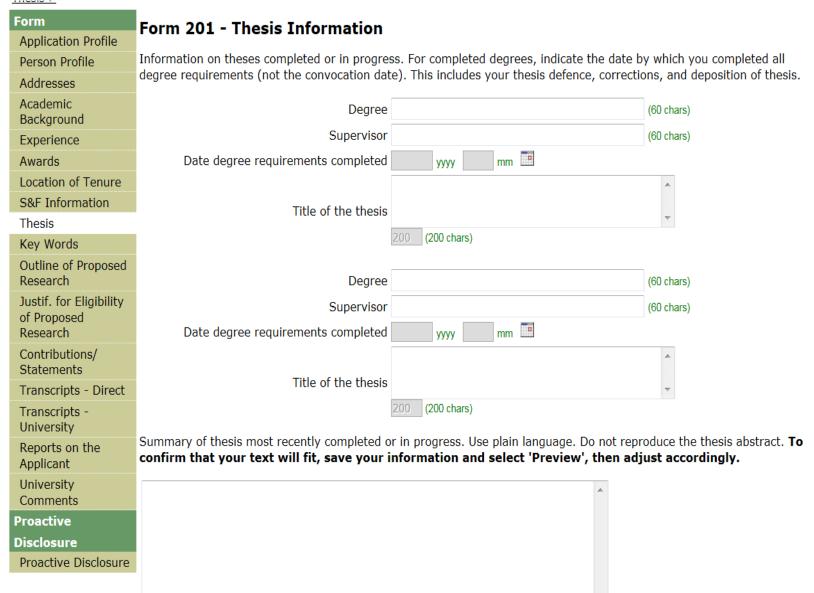
## Form 201 – Justification for location of tenure (PDF Only)

Justification Loc. tenure	<u>:&gt;</u>
Form	Form 201 - Justification for location of tenure
Application Profile	1 orm 201 - Justinication for location of tenure
Person Profile	Provide a rationale for your choice(s) for location of tenure.To confirm that your text will fit, save your info
Addresses	and select 'Preview', then adjust accordingly.
Academic Background	See instructions for further details.
Experience	
Awards	
Location of Tenure	
Justification Loc. tenure	
Thesis	
Key Words	
Outline of Proposed Research	
Justif. for Eligibility of Proposed Research	
Contributions/ Statements	
Transcripts - Direct	
Reports on the Applicant	
Proactive	
Disclosure	
Proactive Disclosure	
	39

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

Save	Preview	Portfolio		Instructions	Logout					
S&F Information >										
Form	Form 201 - Schola	rshin/Fellowshin	Information							
Application Profile	Form 201 - Scholarship/Fellowship Information									
Person Profile	At the time of application, are you attending university?									
Addresses										
Academic	Proposed degree program 🔻									
Background	If you are offered an award, do you plan to take it up at a foreign university?									
Experience										
Awards	If you answered yes to the previous question, do you still want to be considered for an Alexander Graham Bell Canada Graduate ▼									
Location of Tenure		olarship which is tenable								
S&F Information										
Thesis	_	•	es (master's and doctoral) you have completed as of December 31 of the year of							
Key Words	application in the natural s	ciences and engineering	(if none, enter "0"):							
Outline of Proposed		• Months	of full-time studies							
Research		· Months	is of full-time studies							
Justif. for Eligibility										
of Proposed Research		• Months of	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 progra									
Transcripts - Direct	for which you are requesting funding (if none, enter « 0 »):									
Transcripts -			66 11 11							
University		• Months	of full-time studies							
Reports on the										
Applicant		• Months of	part-time studies							
University Comments										
Proactive										
Disclosure					40					
H 97 K 101 (1) K 111 (2)	1				41/					

### Form 201 – Thesis Information



## Form 201 – Keywords / Research Subject Code

		Contact OS	пеір						
Save	Preview	Portfolio		Instructions	Logout				
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Form	Form 201 - Key W	ords / Research	Subject Code						
Application Profile									
Person Profile				e selection committee in which	• • •				
Addresses	be evaluated. Consult the	e <u>List of Research Subjec</u>	t Codes for Scholarship	os and Fellowships before maki	ng your selection.				
Academic Background	Research subject code								
Experience	<b>Primary</b> Use the 'l	List' button		List					
Awards									
Location of Tenure	Key words								
S&F Information	List up to ten (10) key w	ords that describe your p	roposed research (for	example, nuclear physics, geod	hemistry, etc.)				
Thesis	, ,		•		•				
Key Words			(36 chars)						
Outline of Proposed Research			(36 chars)						
Justif. for Eligibility of Proposed Research			(36 chars)						
Contributions/			(36 chars)						
Statements			(36 chars)						
Transcripts - Direct			(36 chars)						
Transcripts - University			(36 chars)						
Reports on the Applicant			(36 chars)						
University Comments			(36 chars)						
Proactive									
Disclosure					•				

# Form 201 – Outline of Proposed Research (max 1 page)

- Detailed description of proposed research during tenure of the award
- Plain language
- Be as specific as possible
  - State objectives and hypothesis, and outline theoretical or experimental approach, and methods and procedures to be used;
  - State significance of research to NSE.
- Do not repeat info from Theses section
  - Refer to it!

Document to be converted to Portable Document Format (PDF) and attached to the application

# Eligibility of Proposed Research / Program of Study (max 1 page)

- NSERC supports research whose major challenges lie in the natural sciences and engineering (NSE), other than the health sciences
- NSERC does not support programs that include a professional component (i.e., MD/PhD)
- Consult NSERC's Eligibility Criteria for Students and Fellows
- NSERC makes the final decision with respect to mandate
- Justification for the eligibility of proposed research should be completed for any research that may overlap with CIHR/SSHRC. If in doubt, fill it out!
- May only apply to one agency per academic year

## Form 201: 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 research proposal / contributions

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

### **Transcripts**

- Must be up-to-date and official
- A transcript must be provided for each program listed under Academic Background (doctoral studies only for PDF)
- Scanned and uploaded into one PDF file, including a copy of university legend for each set of transcripts
- Formatted as a black-and-white printed document, and, where possible, in portrait style
- Hardcopies may be requested, should you be successful in the competition

# Report on the Applicant: two reports required

- Person most familiar with applicant's research and other abilities – often thesis supervisor
- Another person familiar with your research and other abilities
- Able to provide meaningful commentary and specific examples
- If thesis supervisor not providing a report, reasons should be indicated under special circumstances
- Names and email addresses of your referees will be required for the On-line System to generate an email inviting the referees to complete their report and the deadline by which it should be submitted

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### Form 201: Finishing up

- Proofread and ask your supervisor and/or a friend to read for appropriate language, grammar, etc.
- Verify application on "My Portfolio" screen"
- When "<u>Verification Report</u>" is "<u>Successful</u>" SEND APPLICATION ELECTRONICALLY

#### Remember...

- Follow instructions:
  - Font size, margins, page limits, etc.
- Clear, concise writing
- Proofread for spelling and grammar
- Review with a faculty member (potential supervisor / expert in the area)
- Provide required documentation
- Choose referees with care
- Be aware of deadlines

### Where to get additional information?

- Consult the NSERC Scholarships and Fellowships Resource Videos page for helpful videos
- Tips on applying for an NSERC scholarship or fellowship
- Demystifying the review process for NSERC scholarships and fellowships
- Postgraduate programs summary and application tutorials
- Postdoctoral programs summary and application tutorials

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

# Supplements and Other Funding Opportunities

- Indirect support through research grants
- Collaborative Research and Training Experience Program (CREATE)
- Aboriginal Ambassadors in the Natural Sciences or Engineering Supplements (AANSE)
- L'Oréal-UNESCO For Women in Science NSERC Postdoctoral Fellowship Supplement
- Canada-China Postdoctoral Fellowships Supplement
- Alice Wilson Award
- Other supplement opportunities

### **Contact Information**

Website: www.nserc-crsng.gc.ca

Online Services Helpdesk: webapp@nserc-crsng.gc.ca

(613) 995-4273

Scholarships & Fellowships: schol@nserc-crsng.gc.ca

Finance Division: scholarshipsadministration@nserc-crsng.gc.ca

SLO enquiries: schol-SLO@nserc-crsng.gc.ca











