NSERC Information Sessions Scholarships and Fellowships 2019-2020

University of Ottawa

Annemarie Fraser, Program Officer

September 10, 2019

- EDI initiatives at NSERC
- New this year
- Postgraduate programs
- Postdoctoral programs
- How to apply
- Tips and advice
- Contact information

Agenda

Equity, diversity, and inclusion initiatives at NSERC

- NSERC's focus on EDI

- Why is EDI important?

- EDI data collection

NSERC is committed to implementing policies and processes which identify and mitigate barriers and biases within our programs.

NSERC's focus on EDI

Research team

- Access the largest pool of qualified applicants
- Expand collective intelligence, discovery, and innovation

Research design

- Enhance the scientific quality and usefulness of NSE research
- Increase the overall excellence of the research

Why is EDI important?

Considerations

- Who are the research subjects and end-users?
- What are the consequences of not including diversity?

Additional resources

- [NSERC's Framework on EDI](#)
- [Guide for Applicants: Considering EDI in your application](#)
- *Gendered Innovations* employs methods of diversity analysis to create new knowledge
  - Examples and case studies at: http://genderedinnovations.stanford.edu/

EDI resources

Collection of self-identification data → Monitor equity performance of programs → Inform future measures to increase EDI in research enterprise

EDI data collection

Visible Minorities

Do you identify as a member of a visible minority in Canada?

| Yes | ∨ |

Note: Visible minority refers to whether a person belongs to a visible minority group as defined by the *Employment Equity Act* and, if so, the visible minority group to which the person belongs. The *Employment Equity Act* defines visible minorities as "persons, other than Aboriginal peoples, who are non-Caucasian in race or non-white in colour".

If "Yes", select the options that you identify with.

I prefer not to answer ☐

To select or deselect one or more options, hold down the "Control" key while clicking on all the relevant options.

Arab
Black
Chinese
Filipino
Japanese
Korean
Latin-American
South Asian (e.g., East Indian, Pakistani, Sri Lankan, etc.)
Southeast Asian (including Vietnamese, Cambodian, Laotian, Thai; etc.)
West Asian (e.g., Iranian, Afghan, etc.)
Another visible minority group - specify

Self-identification questions

New this year

- Paid parental leave extension
- Increased number of CGS awards
- CGS D harmonization

Extended to 12 months of funding

For agency-funded research trainees

Form available online

Paid parental leave

+500 CGS M **+** **+167** CGS D **=** **$114M** over five years

Annual increase in CGS awards
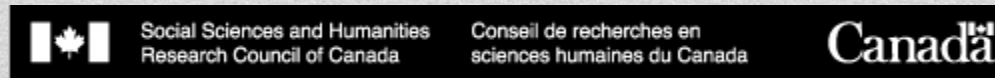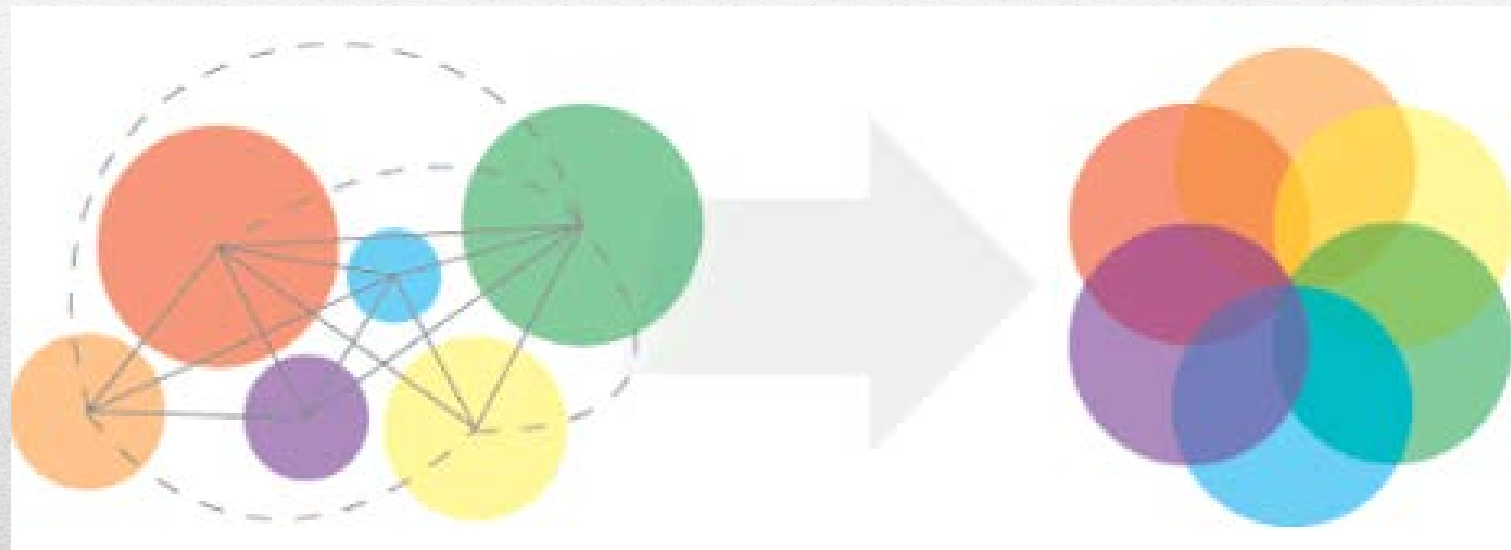
CGS D harmonization

Canada Graduate Scholarships – Master's

- Objectives and overview

- Eligibility criteria

- Selection criteria

- How to apply using Research Portal

Value and duration

- $17,500 for one year

Important dates

- Application deadline: December 1 at 8:00 p.m. (ET)
- Announcement of awards: April 1

Where to apply

- Up to three Canadian institutions where you would like to hold the award (institution must have an award allocation)

Research Portal

- Application and award announcement platform

Objectives and overview

First-class average in each of the past 2 years

Canadian citizen or permanent resident of Canada

Not have already held a CGS M award

Plan to hold the award in a master's or doctoral program with a significant research component

By December 31 have completed no more than 12 months of studies towards degree award will support

Eligibility to apply

January 1:
Earliest allowed start date of **degree** to be funded

September:
Research Portal opens for new applications

December 1:
Deadline for applications

2019

April 1:
Competition results released

May 1:
First allowed award start date

September 1:
Second allowed award start date

2020

January 1:
Last allowed award start date

2021

CGS M timeline

50% Academic excellence

30% Research potential

20% Personal characteristics and interpersonal skills
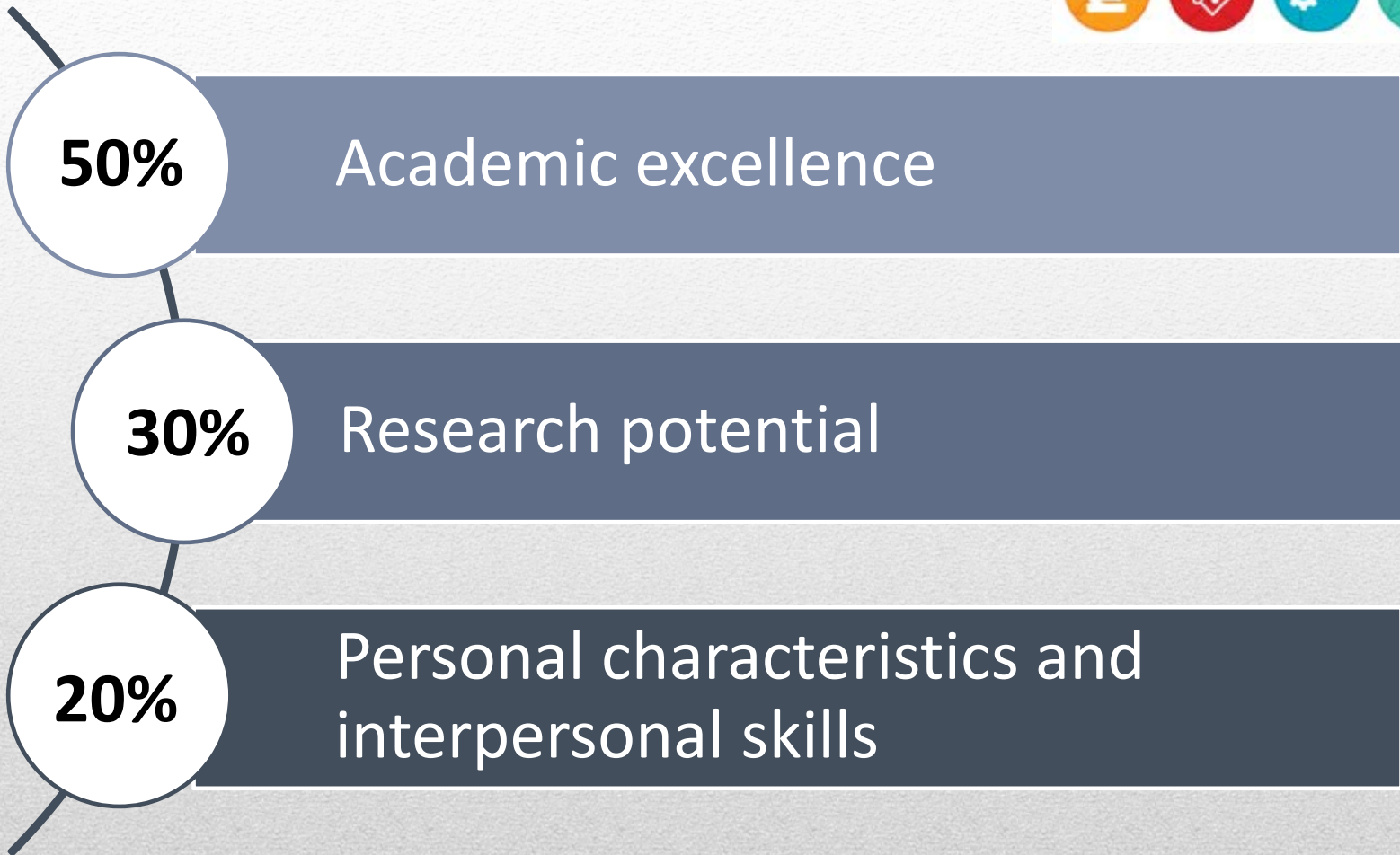
Selection criteria

CGS M –
How to apply using Research Portal

What you need:

- Research Portal account
- Canadian Common CV (CCV) account
- Instructions for completing application
- Instructions for completing CCV

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https://portal-portail.nserc-crsng.gc.ca/s/login.aspx

Create an account

Create an application

Access an application

Complete the modules

Module: identification

Activity Details

Certification Requirements

Does the proposed research involve humans as research participants? (required)   ○Yes ○No

Does the proposed research involve animals? (required)   ○Yes ○No

Does the proposed research involve human pluripotent stem cells? (required)   ○Yes ○No

Does the proposed research involve controlled drugs and/or substances? (required)   ○Yes ○No

For statistical purposes only

Does this application propose research involving aboriginal people? (required)   ○Yes ○No

Sex- and Gender-Based Analysis

Are sex (biological) considerations taken into account in this proposal? (required)   ○Yes ○No

Are gender (socio-cultural) considerations taken into account in this proposal? (required)   ○Yes ○No

Keywords

List up to 10 keywords that best describe the proposal. (required)

1. [   ]
2. [   ]

Field of Study

Indicate and rank up to three primary fields of study relevant to your proposal, with #1 the most relevant and #3 the least relevant. (required)

1. Select ▼   ⟳ Clear Selection
2. Select ▼   ⟳ Clear Selection
3. Select ▼   ⟳ Clear Selection

💾 Save and previous   ☑ Save and validate

Show Table of Contents

Module: activity details

Module: proposed organizations

Page 1:
Outline of proposed research

Page 2:
Bibliography/ citations

Upload 2-page PDF file to Research Portal

Detail objectives, hypothesis, method

Position proposed research within context of current knowledge in the field

Describe significance of proposed project to field of research

Use clear, plain language, and avoid jargon: write for researchers outside your field

Outline of proposed research

Module: summary of proposal

Upload attachments

Link CCV

Enter CCV confirmation number

Invite references

Important reminders!

Application deadline: December 1 at 8:00 p.m. (ET)

PLAN AHEAD

Allow enough time for your references to complete their assessments

Read the program documentation

First point of contact should be the Faculty of Graduate Studies at the institution

CIHR CGSMA-BESCBM@cihr-irsc.gc.ca

NSERC schol@nserc-crsng.gc.ca

SSHRC fellowships@sshrc-crsh.gc.ca

CGS M contact information

Postgraduate scholarships

- Objectives and overview

- Eligibility criteria

- Selection criteria

- How to apply using NSERC's online system

NEW THIS YEAR
All awards are three years

Value

- PGS D: $21,000 and CGS D: $35,000

Important dates

- ***Verify internal application deadline with institution***
- Application deadline: October 17 (direct applicants)
- Announcement of awards: April

Location of tenure

- PGS D: Canadian institution or abroad (if previous degree completed in Canada)
- CGS D: must be at a Canadian institution

How to apply

- NSERC Online System

Objectives and overview

Canadian citizen or permanent resident of Canada

Not have already held a doctoral award

Intend to pursue full-time graduate studies and research at the doctoral level in an eligible program

By December 31 have completed no more than 24 months of doctoral studies (36 months if direct-entry students and must currently be registered in doctoral program)

Eligibility to apply

NEW THIS YEAR!

50% Research ability and potential

50% Relevant experiences and achievements obtained within and beyond academia

Selection criteria

Verify the internal deadline!

Through a Canadian institution
(quota system in place)

Directly to NSERC

MOST CASES

Currently registered (including if on leave)

Have been registered anytime in 2019

Currently registered at a foreign institution

Not registered at a Canadian university at any time in 2019

How to apply

Submit application electronically by institution deadline → Internal selection committees review and select applications

Institution forwards quota of applications electronically to NSERC → Institution informs students of results for the internal selection process

What happens at your institution?

NSERC staff verify eligibility → Members review and score applications → Final ranked list produced

Top-ranked applicants offered CGS D, next tier offered PGS D → Results announced in April
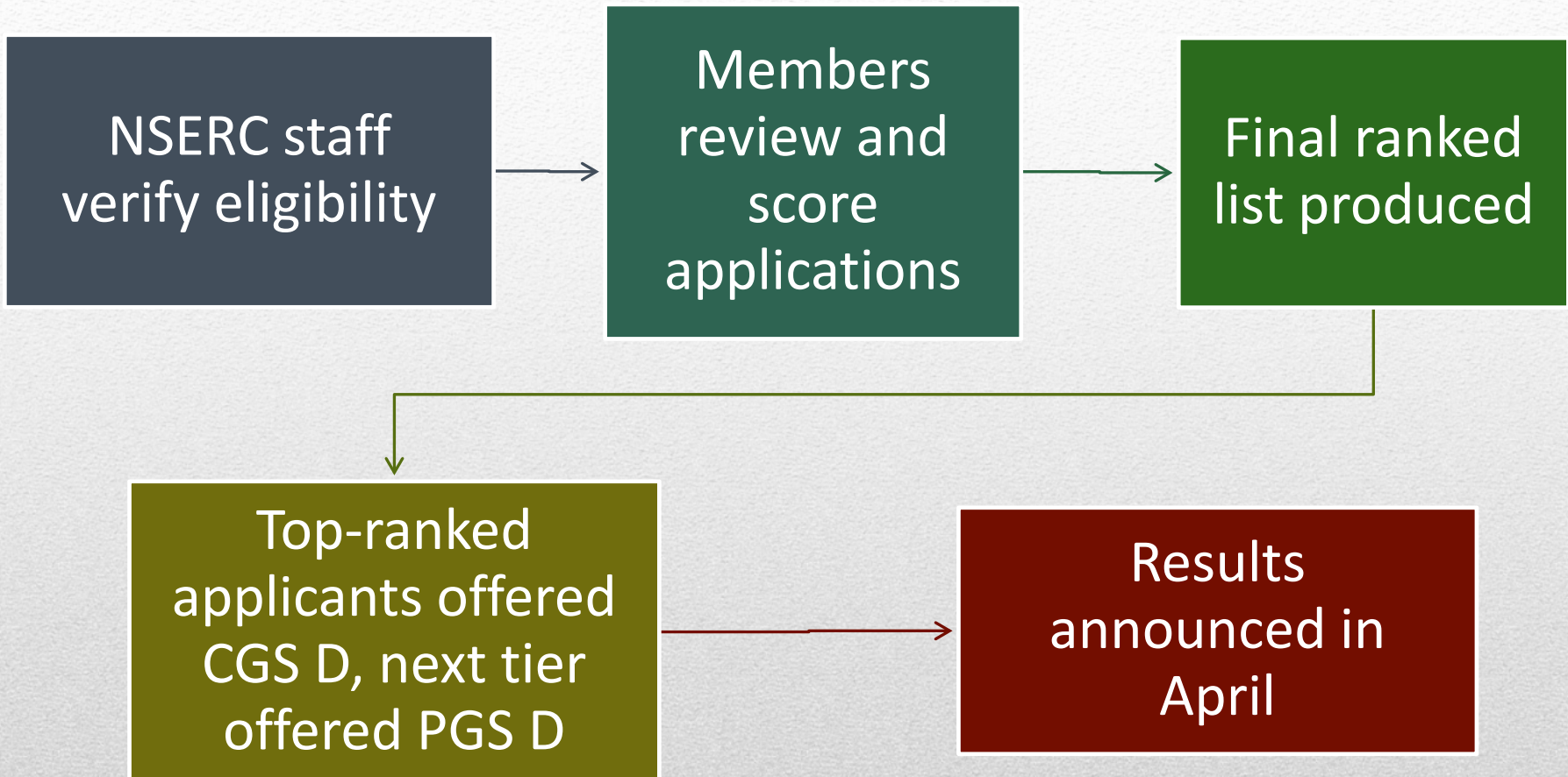
What happens at NSERC?

Cellular and molecular biology	Evolution and ecology
Chemical, biomedical, and materials science engineering	Mathematical sciences
Chemistry	Mechanical engineering
Civil and industrial engineering	Physics and astronomy
Computing sciences	Plant and animal biology
Earth sciences	Psychology
Electrical engineering	

IMPORTANT: The research subject code you select in your application determines the selection committee.

Selection committees

Competition Year

☐ Applications submitted through a Canadian institution   ☐ Direct Applications*

Application statistics

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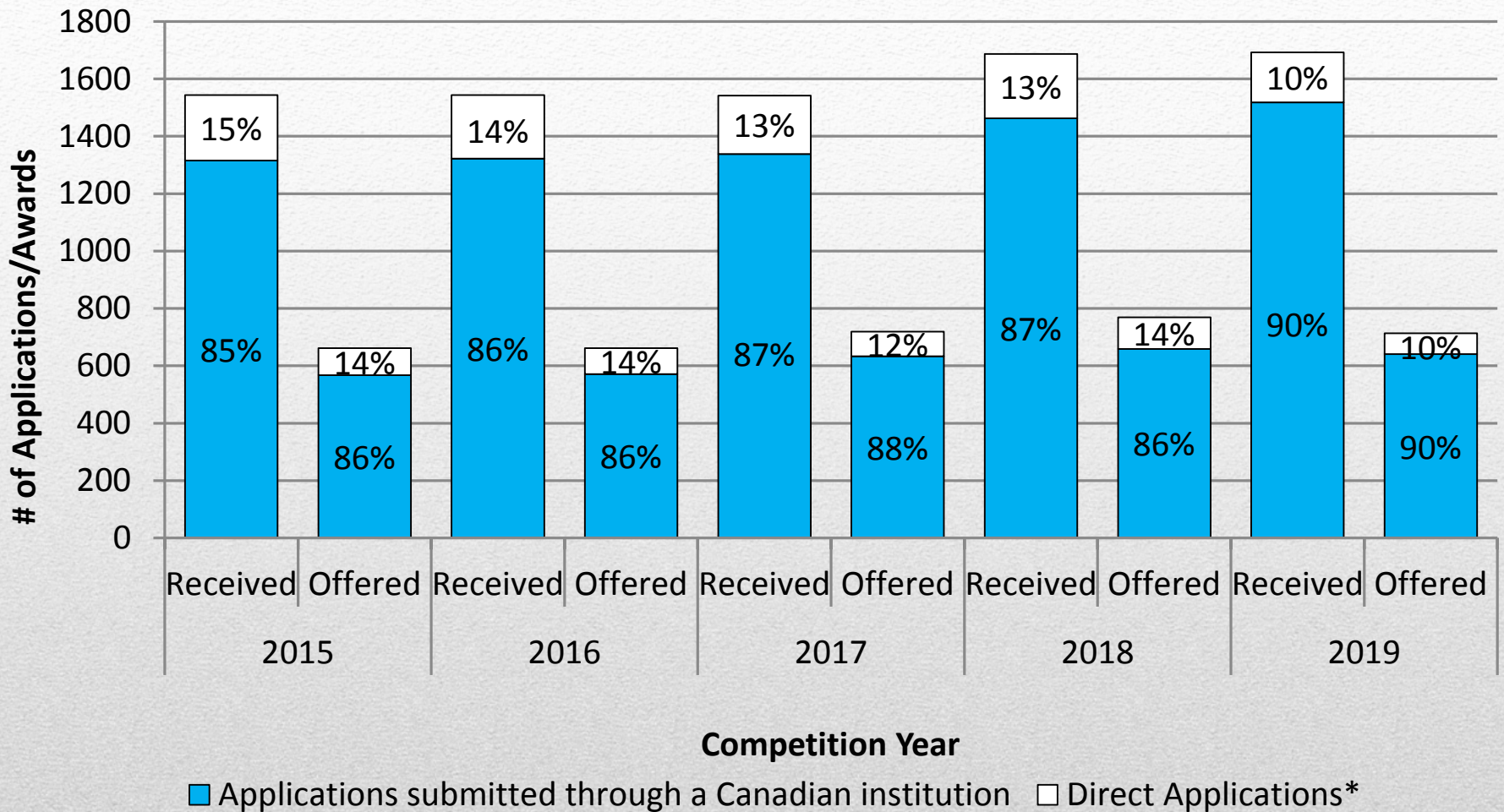
Additional funding opportunities at the postgraduate level

- Vanier CGS
- CGS-MSFSS
- Student Ambassadors
- NSERC Indigenous Student Ambassadors

Award details

- $50,000 per year for three years
- Open to Canadian citizens, permanent residents of Canada, and foreign citizens

Application details

- Institutional nomination to NSERC by November 6 at 8:00 p.m. (ET) using ResearchNet*
- Announcement of awards: April 2020

Selection criteria (weighted equally)

- Academic excellence
- Research potential
- Leadership (potential and demonstrated ability)

* Contact your faculty of graduate studies for the institution-specific deadline

Vanier Canada Graduate Scholarships

Do you hold a CGS M, CGS D, or Vanier CGS?

Deadlines: June 10*
and October 10*

Apply through your institution

Research study period abroad

- Up to $6,000
- 2 to 6 months
- Foreign university or research lab

Canada Graduate Scholarships – Michael Smith Foreign Study Supplements

Share NSE experience with youth (K-12)

STEM promotion to Canadian youth by Canadian youth

Organize an independent outreach activity

NSERC pays $1,000 in support of event costs

Contact: ambassadors@nserc-crsng.gc.ca

NSERC Student Ambassadors

Overview
- Support Indigenous students or PDFs visiting Indigenous communities/schools
- Covers travel costs up to $5,000

Purpose
- Participate in science promotion events
- Sharing NSE research & education experience

Eligibility
- Full-time student or PDF in NSE
- B or B- average
- No deadlines: apply 2 months before visit

Contact: **ambassadors@nserc-crsng.gc.ca**

NSERC Indigenous Student Ambassadors

Postdoctoral Fellowships

- Objectives and overview

- Eligibility criteria

- Selection criteria

- How to apply using NSERC's online system

Value and duration

- $45,000 per year for 2 years

Important dates

- Application deadline: October 17 at 8:00 p.m. (ET)
- Announcement of awards: end of January

Location of tenure

- Canadian universities
- Provincial research institutions in Canada
- Other appropriate research laboratory in Canada
- Universities and research centres abroad
  (PhD must be from Canadian institution)

How to apply

- NSERC Online System

Objectives and overview

Canadian citizen or permanent resident of Canada

Can only apply once to the PDF program

Hold or expect to hold a doctorate in one of the fields of research that NSERC supports

Have completed all requirements for PhD within two years of the deadline date*
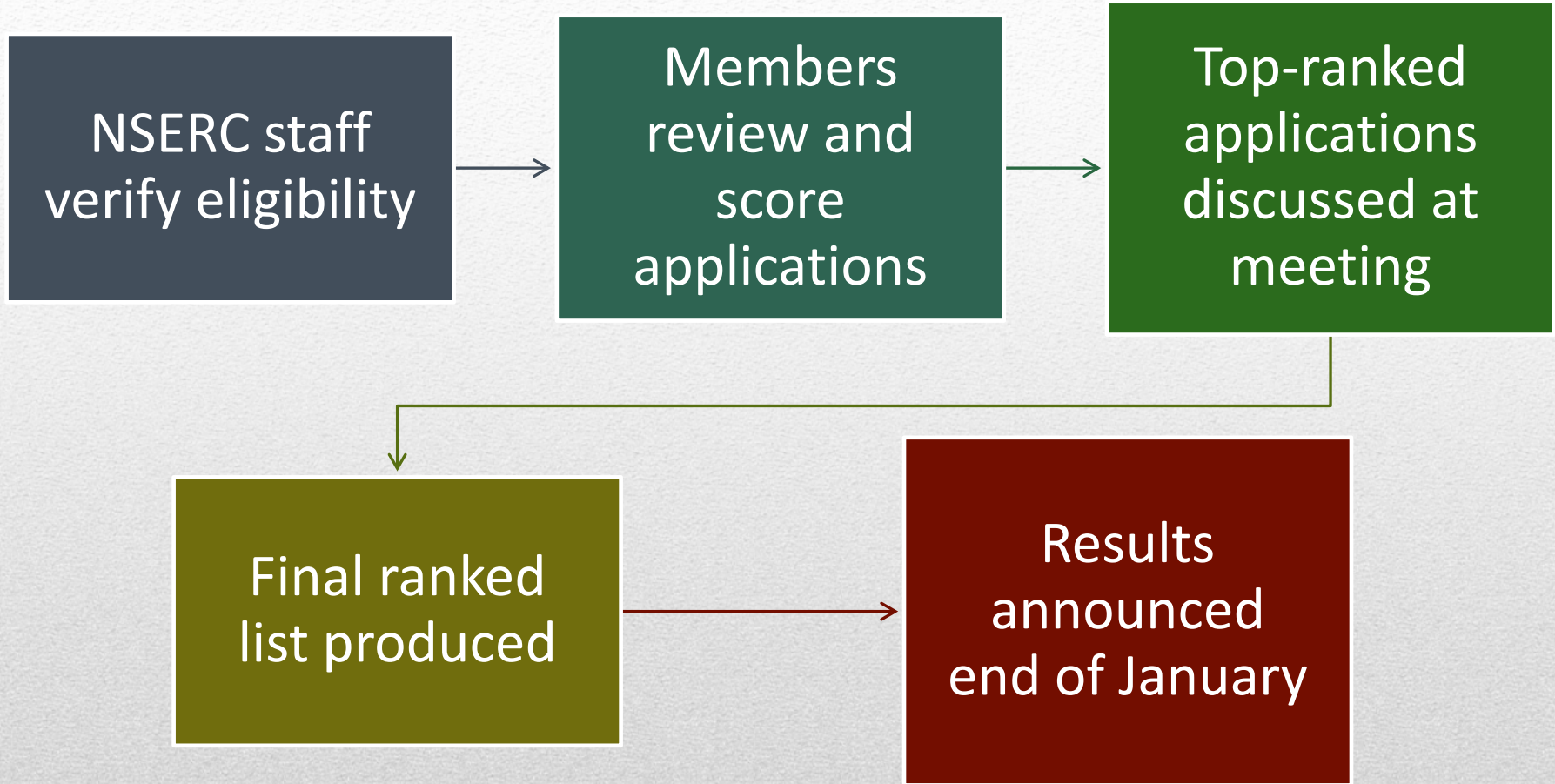
Eligibility to apply

70% Research ability and potential

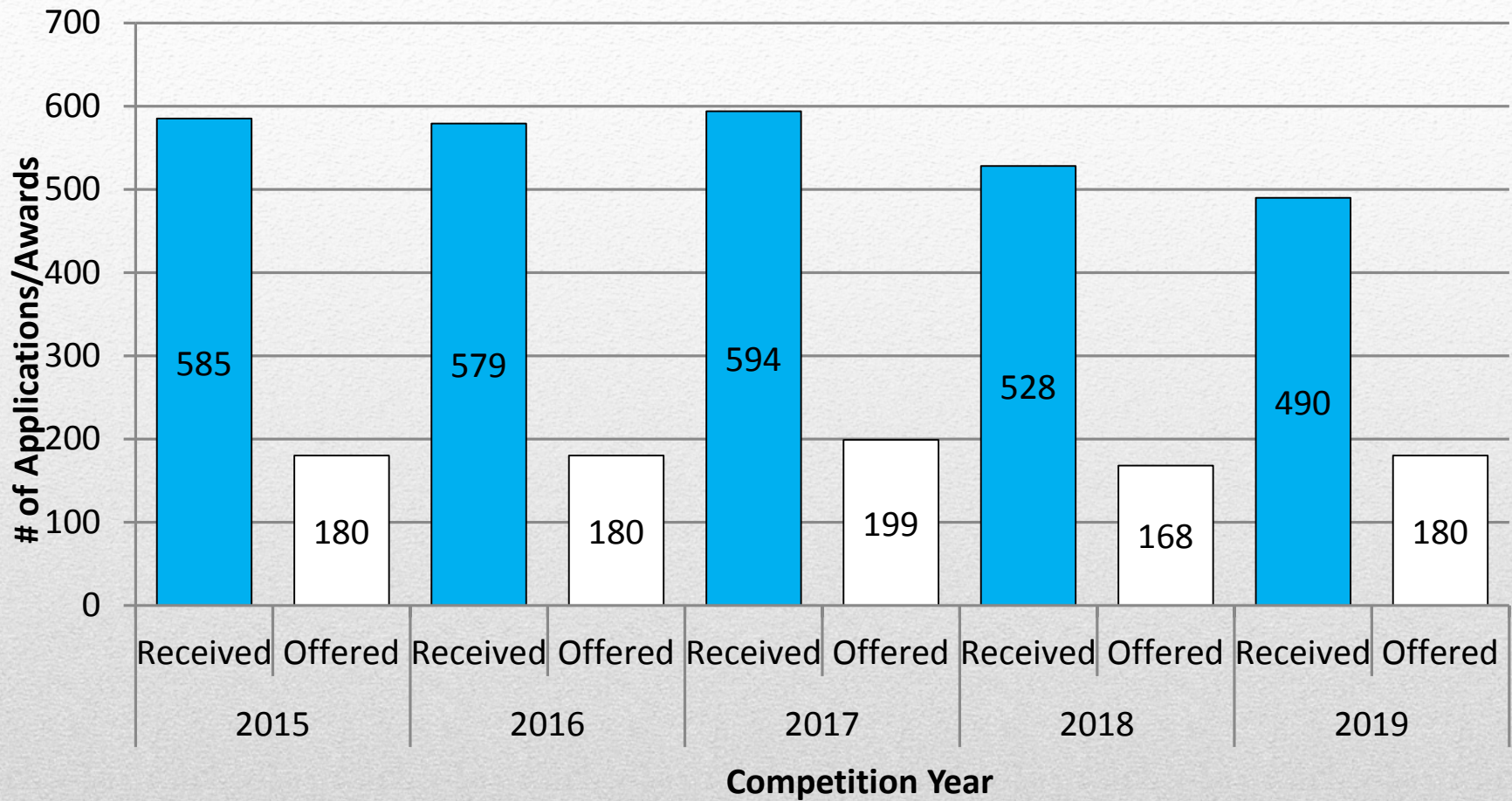**30%** Communication, interpersonal, and leadership abilities
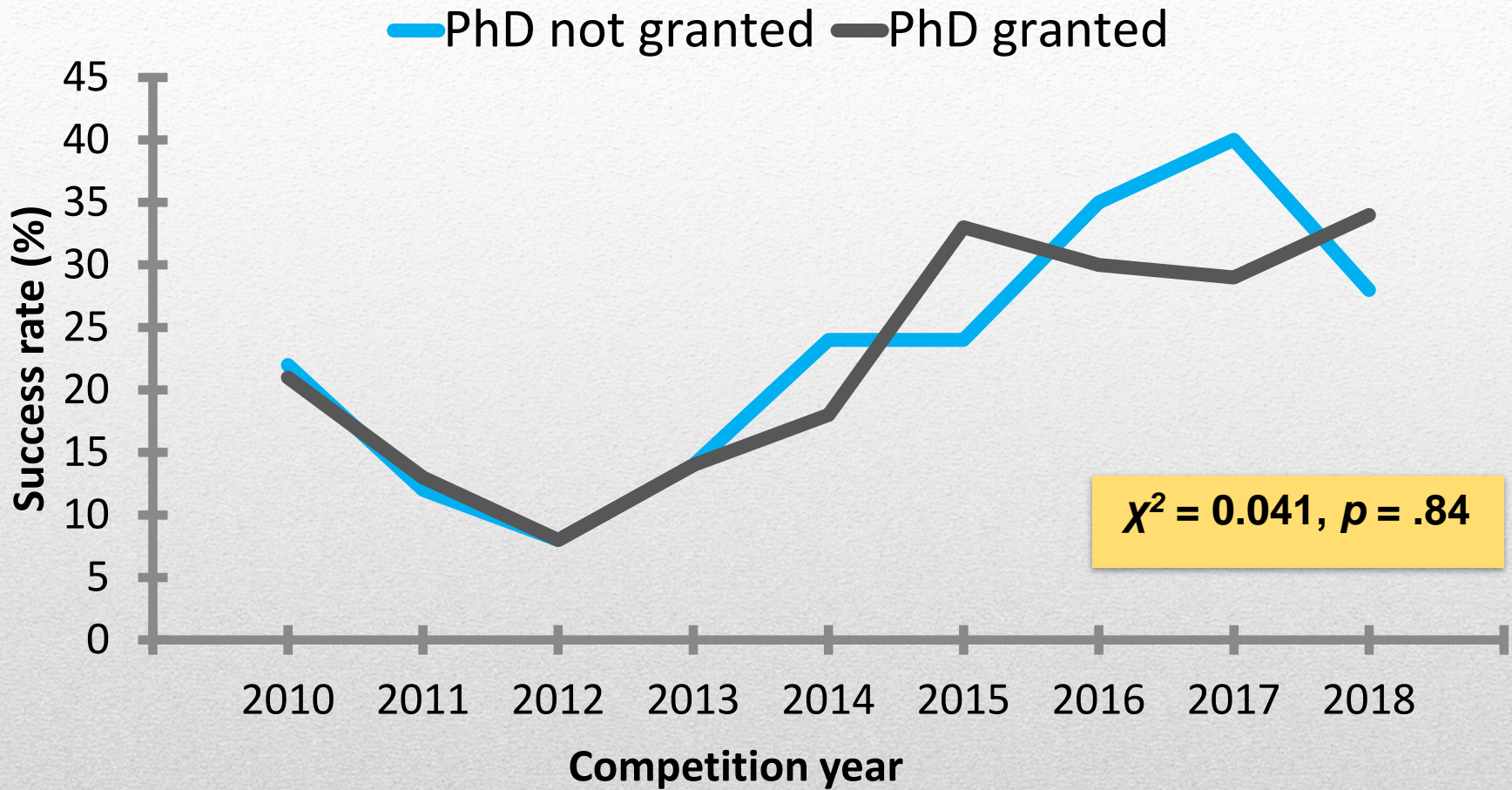
Selection criteria

What happens at NSERC?

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Application statistics

When should I apply?

Additional funding opportunities at the postdoctoral level

- Banting PDF

- JSPS PDF

- NSERC-CMHC PDF

- NISA

Program details

- $70,000 per year for two years
- Canadian citizens, permanent residents, and foreign citizens
- Deadline: September 18, 2019 at 8:00 p.m. (ET) on ResearchNet

Location of tenure

- Canadian and foreign universities
- Affiliated hospitals, colleges, and not-for-profit organizations with a strong research mandate and capacity

Selection criteria (weighted equally)

- Applicant's research excellence and leadership
- Quality of proposed research program
- Synergy of applicant and institutional strategic priorities

Banting Postdoctoral Fellowships

Deadline: February 1 at 8:00 p.m. (ET)

- JSPS provides funding for airfare, monthly maintenance allowance, settling-in allowance, and travel insurance

Eligibility criteria

- Canadian citizen or permanent resident of Canada
- First doctoral degree completed no more than six years before the application deadline

How to apply

- Contact schol@nserc-crsng.gc.ca for application form and instructions

More information: http://www.jsps.go.jp/english/e-ippan/index.html

Japan Society for the Promotion of Science PDF

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Value

- $45,000 per year for two years

Objectives

- Build Canadian expertise in housing research
- Address research and knowledge translation gaps in housing

Application requirements

- Apply to the NSERC PDF program
- Include additional justification attachment

CMHC-NSERC Postdoctoral Fellowship

PGS/CGS D and PDF – How to apply using the NSERC Online System (Form 201)

What you need:

- NSERC Online system account

- Application instructions

- Selection committee guide

www.nserc-crsng.gc.ca

NSERC Online system (form 201)

Form
Application Profile
Person Profile
Addresses
Academic Background
Experience
Awards
Location of Tenure
Justification Loc. Tenure
Thesis
Key Words
Outline of Proposed Research
Justif. for Eligibility of Proposed Research
Contributions/ Statements
Special Circumstances
Transcripts - Direct
Reports on the Applicant
Proactive Disclosure
Proactive Disclosure

Form 201 - Application Profile

This information was transferred from the New Application screen. You may update the fields as needed.

Title of proposal

200 (200 chars)

Application language [English ▾]

Proposed starting date of award [   ] yyyy [ ] mm 📅

Option A = You are currently registered at an institution (Canadian or foreign) without a quota for NSERC.

Option B = You were not registered at any time during the year of application in a degree program at any institution, with or without a quota for NSERC.

Option C = You are currently registered in a degree program at a Canadian institution with a quota for NSERC, or are on an approved leave of absence from such a degree program.

Option D = You are not currently registered in a degree program but were registered at any other time during the year of application in a degree program at a Canadian institution with a quota for NSERC.

Choose carefully!

Application profile

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Form
- Application Profile
- Person Profile
- Addresses
- Academic Background
- Experience
- Awards
- Location of Tenure
- Justification Loc. Tenure
- Thesis
- Key Words
- Outline of Proposed Research
- Justif. for Eligibility of Proposed Research
- Contributions/ Statements
- Special Circumstances
- Transcripts - Direct
- Reports on the Applicant

Proactive Disclosure
- Proactive Disclosure

Form 201 - Academic Background

Include only current and past degree programs. Please use the section 'Other' for any additional degree.

Type of degree **Bachelor's**   Delete

Institution	Use the 'List...' button	List...
Name if not available		(100 chars)
Department	Use the 'List...' button
Name if not available		(100 chars)
Country	
Period of study	Started ___ yyyy ___ mm
	Awarded/Expected ___ yyyy ___ mm
Name of discipline		(50 chars)

Type of degree **Master's**   Delete

Institution	Use the 'List...' button	List...
Name if not available		(100 chars)
Department	Use the 'List...' button
Name if not available		(100 chars)
Country	
Period of study	Started ___ yyyy ___ mm
Transferred to Ph.D. without completing master's	⌄
	Awarded/Expected ___ yyyy ___ mm
Name of discipline		(50 chars)

Academic background

Form
- Application Profile
- Person Profile
- Addresses
- Academic Background
- Experience
- Awards
- Location of Tenure
- Justification Loc. Tenure
- Thesis
- Key Words
- Outline of Proposed Research
- Justif. for Eligibility of Proposed Research
- Contributions/ Statements
- Special Circumstances
- Transcripts - Direct
- Reports on the Applicant

Proactive Disclosure
- Proactive Disclosure

Form 201 - Work Experience

Beginning with the most recent, list your academic, research and other relevant work experience. In the Nature of work field, indicate if you gained the experience during a program of study.

Current occupation 1 of 6   [Delete]

Period of employment from	yyyy	mm
to	yyyy	mm
Type of appointment		
Position held		(60 chars)
Organization		(100 chars)
Department		(40 chars)
Supervisor		(60 chars)
Nature of work		(100 chars)

Previous occupation 2 of 6   [Delete]

Period of employment from	yyyy	mm
to	yyyy	mm
Type of appointment		
Position held		(60 chars)
Organization		(100 chars)
Department		(40 chars)
Supervisor		(60 chars)

Work experience

Scholarships & other awards

Location of tenure

Form
- Application Profile
- Person Profile
- Addresses
- Academic Background
- Experience
- Awards
- Location of Tenure
- Justification Loc. Tenure
- Thesis
- Key Words
- Outline of Proposed Research
- Justif. for Eligibility of Proposed Research
- Contributions/ Statements
- Special Circumstances
- Transcripts - Direct
- Reports on the Applicant

Proactive Disclosure
- Proactive Disclosure

Form 201 - Justification for location of tenure

Provide a rationale for your choice(s) for location of tenure. **To confirm that your text will fit, save your information and select 'Preview', then adjust accordingly.**

See instructions for further details.

Only applicable to PDF applicants

Justification for location of tenure

Scholarship/fellowship information

Bibliography

Thesis information

Research subject code/keywords

Explain & provide context

- Delays:
  - Productivity
  - Performance
- Family responsibilities
- Parental leave
- Health problems
- Disabilities
- Any other applicable circumstances

NEW THIS YEAR!

Special circumstances

Advice and tips

Make your application stand out!

Selection committee member resource video

✓ Read the program description

✓ Read the application instructions

✓ Read the selection committee guide

✓ Watch the resource videos

Important tips

"It's a foolproof formula for writing grant applications."

Research proposal

Describe EDI considerations in your research plan, if applicable

Write the proposal yourself

Explain significance of your project

Make your proposal clear for reviewers

Convey your passion

Be clear and specific

What makes a good research proposal? 77

Science & **ENGINEERING**

- Applications containing research proposals that are not eligible under these guidelines may be rejected
- You can only apply to one agency per academic year

Guidelines → Addendum → Program literature

Justification of research (optional one page attachment)
- Complete if any overlap with social sciences or health
- Used only by NSERC staff to determine eligibility
- Short explanation why your research fits within NSERC's mandate

Subject eligibility

Part 1: Articles published	• Articles published, accepted, and submitted only
Part 2: Most significant contributions	• Describe your role in three contributions from Part 1
Part 3: Applicant's statement	• Skills, experiences, and qualities demonstrating your excellence

PGS/CGS D – 2 pages
PDF – 4 pages

Contributions and applicant's statement

Follow instructions carefully

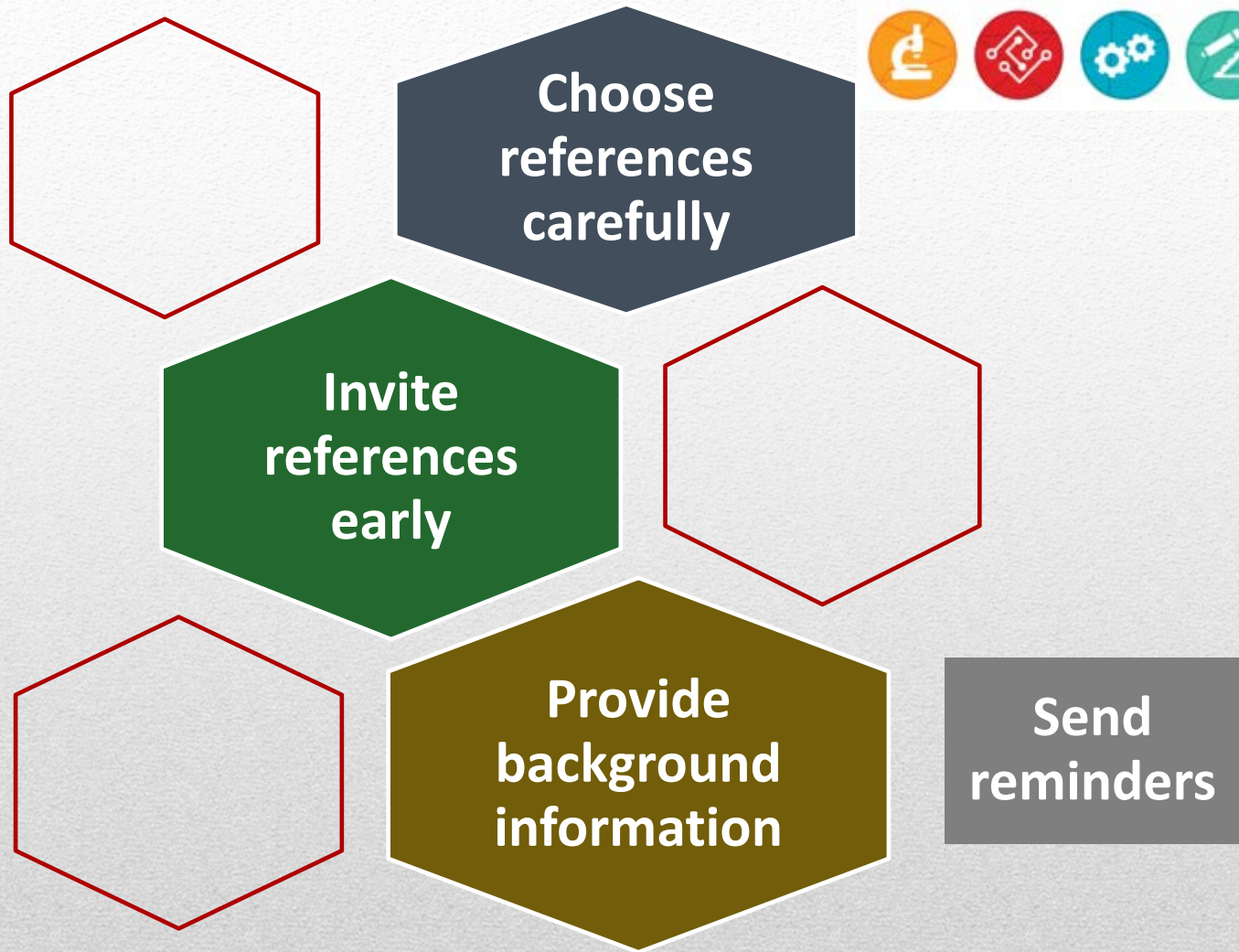**Provide official, up-to-date versions**

Review before submitting application

Transcripts

Choose references carefully

Invite references early

Provide background information

Send reminders

Reports on the applicant

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Impact not explained

Repetitiveness

Missing citations

Lack of focus

Spelling or grammatical mistakes

Too modest

Common errors/mistakes

NSERC program staff	• schol@nserc-crsng.gc.ca
Online services helpdesk	• webapp@nserc-crsng.gc.ca • (613) 995-4273

Contact information