National Webinar Information Session
Discovery Grants Program
2019

Conference number: 1-877-413-4790
Conference ID: 7462843

How to prepare a Discovery Grant (DG) Application

- DG overview, review process and tips
- Live demo: NSERC research portal and CCV
- Questions: ask by chat on AdobeConnect
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
Discovery Grant Application
Overview

- **Deadline:** November 1st  - Check internal deadlines
- **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

Step 1: Merit assessment

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<th></th>
<th>Exceptional</th>
<th>Outstanding</th>
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<th>Strong</th>
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Outstanding – Very Strong – Very Strong

Step 2: Funding Recommendation

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Discovery Grant Updates
Early Career Researchers (ECR)

- Early career researchers:
  - Applicants who have an independent academic position for 5 years or less at the time of submitting the NOI.
  - ECRs need to self-identify on the Research Portal at the Full Application stage by completing the Applicant Category module.
### Selecting Applicant category

**Applicant Category**

<table>
<thead>
<tr>
<th>Suggested Applicant Category (required)</th>
<th>Early Career Researcher (ECR)</th>
<th>Clear Selection</th>
</tr>
</thead>
</table>

**Explanation**

In addition to explaining how you meet the ECR definition, you must list all positions, found in your CCV, that meet NSERC’s requirements for an independent academic position.

(3000 characters maximum)

3000

If NSERC offers you a Discovery Grant as an Early Career Researcher, would you accept a Discovery Launch Supplement and would you be able to use all of the supplement funds on your Discovery Grant research program?

- Yes
- No
Discovery Grant Updates
DND and NRS Supplements

Application Process: as part of the DG application process

➢ DND/NSERC DG supplement
  – Must be applying to current DG competition
  – Proposed Research must fit within DND defence and security target areas.
  
  Contact: dndsuppmdn@nserc-crsng.gc.ca
  
  Program: DND*/NSERC DG supplement

➢ Northern Research Supplement (NRS)
  – Updates for CY2020:
    • Boundary Change: moved to the southern limit of “isolated patches of permafrost” from British Columbia to Labrador, including all of the three territories – Wider area of inclusion
    • Selection Criteria Updated: weighted scoring applied to each criterion; more detailed feedback provided to applicants

  Contact: EnviroSciences-SciencesEnviro@nserc-crsng.gc.ca
Discovery Grant Updates
DND and NRS Supplements

Supplements/Joint Initiatives

- Consult the details on the DND/NSERC Discovery Grant Supplement and the description of the Defence and Security Target Areas.
- Consult the Discovery Grant - Northern Research Supplement (NRS) program description.

The Terms and Conditions of applying for a Discovery Grant also apply to the Northern Research Supplement and the DND/NSERC Discovery Grant Supplement.

To be considered for one or more Supplements or Joint Initiatives, select all that apply

*DND: Department of National Defence
Collection of Self-Identification Data

Profile

In this section, you will find links to your user profile and profile functionality.

- User Profile
- Change Password
- Change Email
- Change Security Question

Application received by reviewers
Discovery Grant Application
Evaluation Criteria

- Excellence of Researcher
- Merit of Proposal
- Training of Highly Qualified Personnel (HQP)
## Merit Indicators Grid

The Merit indicators should be used in conjunction with the Peer Review Manual, which outlines how reviewers arrive at a rating.

### Exceptional
- Research excellence, accomplishments, and service are far superior to others.
- Contributions presented in the application are of high quality.
- Impact and importance of the work is clearly evident and groundbreaking.

### Outstanding
- Research excellence, accomplishments, and service are superior to others.
- Contributions presented in the application are of high quality.
- Impact and importance of the work is clearly evident.

### Very Strong
- Research excellence, accomplishments, and service are significant.
- Contributions presented in the application are above average in quality.
- Impact and importance of the work is evident.

### Strong
- Research excellence, accomplishments, and service are reasonable.
- Contributions presented in the application are of reasonable quality.
- Impact and importance of the work is somewhat evident.

### Moderate
- Research excellence, accomplishments, and service are below an acceptable level.
- Contributions presented in the application are limited in quality.
- Impact and importance of the work is not clearly evident.

### Insufficient
- Research excellence, accomplishments, and service are lacking clarity, and/or is of limited originality and innovation.

### Merit Indicators

<table>
<thead>
<tr>
<th>Indicator</th>
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<th>Insufficient</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Existence of the Researcher</strong></td>
<td>Acknowledged as a leader in terms of research excellence, accomplishments, and service.</td>
<td>Research excellence, accomplishments, and service are superior to others.</td>
<td>Research excellence, accomplishments, and service are significant.</td>
<td>Research excellence, accomplishments, and service are reasonable.</td>
<td>Research excellence, accomplishments, and service are below an acceptable level.</td>
<td>Research excellence, accomplishments, and service are lacking clarity, and/or is of limited originality and innovation.</td>
</tr>
<tr>
<td><strong>Proposed research program</strong></td>
<td>Proposed research program is clearly presented, is 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.</td>
<td>Proposed research program is clearly presented, is 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.</td>
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<tr>
<td><strong>Long-term and short-term objectives</strong></td>
<td>Long-term goals and short-term objectives are clearly defined.</td>
<td>Long-term goals and short-term objectives are well planned.</td>
<td>Long-term goals are clearly defined and short-term objectives are planned.</td>
<td>The methodology is clearly described and appropriate.</td>
<td>The methodology is partially described and/or appropriate.</td>
<td>The methodology is not clearly described and/or likely not attainable.</td>
</tr>
<tr>
<td><strong>Past training</strong></td>
<td>Past training is at the highest level in terms of the research training environment provided and HOF contributions to research.</td>
<td>Past training is superior to other applicants in terms of the research training environment provided and HOF contributions to research.</td>
<td>Past training is superior to other applicants in terms of the research training environment provided and HOF contributions to research.</td>
<td>Past training is moderate relative to other applicants in terms of the research training environment provided and HOF contributions to research.</td>
<td>Past training is below an acceptable level in terms of the research training environment provided and HOF contributions to research.</td>
<td>Past training is not appropriate and not clearly defined in terms of the research training environment provided and HOF contributions to research.</td>
</tr>
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<td><strong>Training of Highly Qualified Personnel</strong></td>
<td>Most HQP move on to highly impactful positions that require skills gained through the training received.</td>
<td>Most HQP move on to impactful positions that require skills gained through the training received.</td>
<td>HOF generally move on to positions that require skills gained through the training received.</td>
<td>HOF generally move on to positions that require skills gained through the training received.</td>
<td>HOF rarely move on to positions that require skills gained through the training received.</td>
<td>HOF are not appropriate and not clearly defined in terms of the research training environment provided and HOF contributions to research.</td>
</tr>
</tbody>
</table>

### Merit Indicators

- The methodology is clearly described and appropriate.
- The application is self-contained and clearly detailed.
- The application is consistent with the research training environment.
- The application is complete and accurate.
- The application is concise and accessible.

### Merit Indicators

- The application is well-organized and easy to follow.
- The application is well-written and free of errors.
- The application is well-structured and easy to read.
- The application is well-justified and supported.
- The application is well-supported and documented.
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 in their future approaches to recruitment, training and mentoring
  - Applicants are asked to describe specific actions implemented in support of EDI in their past training of HQP (*if applicable*)
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

Excellence of the Researcher

- Describe up to five most significant research contributions and highlight quality & impact
- List all types of research contributions (from 2013-2019)
- Explain your role in collaborative research activities
- List all sources of support
- Give other evidence of impact
- Explain delays in research activity (See Peer Review Manual)
Discovery Grant Application
Excellence of the Researcher

- In **CCV**
  - Recognitions (honors, prizes and awards, etc.)
  - Activities (international collaborations, event administration, editorial activities, organizational review, knowledge and technology transfers, etc.)
  - Memberships (service on committees)
  - Contributions (publications, books, patents, etc.)

- In **Application**
  - Most Significant Contributions (discusses most significant contributions)
  - Additional Information on Contributions (discusses choice of venues, order of authors, etc.)
Assessment based on the following elements:

- Originality and innovation
- Significance and expected contributions to research
- Clarity, scope of objectives, and appropriateness of methodology
- Feasibility
- Consideration of sex, gender and diversity in the research design (*if applicable*)
- Appropriateness and justification for the budget
- **Relationship to other research support**
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**
  - Portal section (12000 characters)
  - CIHR and/or SSHRC summary and budget pages
  - CCV research funding history (applied & held)
Discovery Grant Application
Merit of the Proposal

CIHR and SSHRC research support

- Distinct
  - Ideas & Objectives
  - Expenses
  - Anticipated contributions resulting from the proposed DG

CIHR Foundation:

- *New in CY2018* Convincing evidence that support from DG is essential to carry out the work supported by a Foundation Grant
Relationship to research support other than CIHR and SSHRC

– Budget requested in DG is for different expenses than the ones supported (or to be supported)
– *NEW in CY2020*  No summary and budget page is required
Select the module

Clear explanation
Common mistakes in addressing funds from other sources

- CCV amounts and application information do not match or are missing
- Role in joint funding is not explained
- Funding under review not listed or not explained
- Planned expenses are not explained or overlap
- Scanned pages from CIHR and/or SSHRC are missing
- CIHR Foundation application not addressed in CCV or application for applicant holding or receiving funds
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

Merit of the Proposal

- Keep in mind that two audiences read your application: expert and non-expert
- Provide a progress report on related research
- Position the research within the field and state-of-the-art
- Clearly articulate short- and long-term objectives
- Provide a detailed methodology and realistic budget
- Consider comments/recommendations you may have received for previous applications
- Integrate HQP into the proposal
- Follow research portal presentation and attachment standards
Discovery Grant Application

Merit of the Proposal

- In **Application**
  - Proposal
  - List of References
  - Budget Justification
  - Relationship to Other Sources of Support
    Explanation
  - Other Support Sources – Supporting Documents (if applicable)

- In **CCV**
  - Research Funding History (to assess possible conceptual or budgetary overlaps)
**New Instructions for CY2020**

Why is NSERC asking for information about existing challenges or barriers to inclusion?

“Sound equity, diversity and inclusion practices increase access to the largest pool of qualified potential participants, enhance the integrity of a program’s application and selection processes, strengthen the research outputs, and increase the overall excellence of research.” NSERC EDI Framework
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; and
- Other trainees from non-academic sectors, i.e. government or industry.
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 – **Updated Instructions CY2020 **
2. HQP awards and research contributions
3. Outcomes and skills gained by HQP

Focus on quality and impact of training
Past contributions to the training of HQP

- Describe the nature of HQP studies and their level of involvement in your research
- Explain your role in any co-supervision
- Explain any delays in training (e.g., leaves taken by applicant or HQP)
- Include present position in CCV (career, further studies)
- Use asterisk (*) to identify HQP co-authors in CCV
- Do not select “academic advisor” in CCV
- Early Career Researchers should not be rated Insufficient solely due to the lack of training record.
Discovery Grant Application
Contributions to the training of HQP

Future plans for training

**New Instructions in CY2018**

Include two components:

1. Training Philosophy – **Updated Instructions CY2020**
2. Research Training Plan

- Focus on quality, suitability and clarity of plan.
- Define your role in any planned co-supervision.
- EDI considerations
**New Instructions for CY2020**

EDI considerations within Training Philosophy

Describe qualitatively any challenges or barriers encountered in ensuring an inclusive research and training environment.

Describe the planned approach to promoting participation from a diverse group of HQP, taking into account equity and inclusion in recruitment practices, mentorship approaches, and initiatives aimed at ensuring an inclusive research and training environment and trainee growth.

DG applicants are expected to increase the inclusion and advancement of under-represented and disadvantaged groups in the natural sciences and engineering as one way to enhance excellence in research and training.
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
  - Contributions
EDI Resources:

- [NSERC’s EDI webpage](#)
- [Guide for Applicants: Considering equity, diversity and inclusion in your application](#)
  - Diversity and equity in the research environment, questions 1-4
  - Sex, gender and diversity in research design, questions 5-7
- [Equity, Diversity and Inclusion: A Best Practices Guide for Recruitment, Hiring and Retention](#)
- [Discovery Grant Peer Review Manual](#)
  - New guidance within Merit of Proposal and Training of HQP Criteria
- [Merit Indicators Grid](#)
  - New text within Excellence of Researcher and Training of HQP Criteria
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)
More 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
Live Demonstration

NSERC Research Portal
Live Demo-Overview

- Creating an application
- Navigating the research portal
- Identification
- Summary of the proposal
- Proposed expenditures
- Relationship to other research support

- HQP training plan
- Past contribution to HQP training
- Most significant Contribution
- Activity details
- Attachments
- CCV confirmation number
- Uploading CCV
- Submitting an application
Live Demo-Creating an Application
### Creating an Application

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### Stage: NOI

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### Applications

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</table>
Creating an Application

Create Application: Discovery Grants Program - Individual

Select the NOI that will form the basis for your application.

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<thead>
<tr>
<th>Title</th>
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Creating an Application

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Records displayed per page: 10
Live Demo-Navigating the research portal

- Navigating the table of contents and editing specific modules
- Exporting the application and attachment to PDF
- Deleting an attachment
- Deleting an application
Navigating the research portal

### Application Overview

106 days 10 hours 21 minutes until the funding agency deadline date; please consult your institution regarding internal deadlines, if applicable.

**Deadline Date:** November 01, 2019 20:00 (eastern)

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#### Module Status

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<td>HOP Training Plan</td>
<td></td>
<td>Past Contributions to HOP Training</td>
</tr>
<tr>
<td>☢️</td>
<td>Most Significant Contributions</td>
<td></td>
<td>Additional Information on Contributions</td>
</tr>
<tr>
<td>☢️</td>
<td>Activity Details</td>
<td></td>
<td>Eligibility Profile</td>
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#### Attachments

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<tr>
<td>☢️</td>
<td>Proposal</td>
<td>Proposal</td>
<td>2019-07-18 09:36:28</td>
<td>Attach</td>
</tr>
<tr>
<td>☢️</td>
<td>Budget Justification</td>
<td>Budget Justification</td>
<td>2019-07-18 09:36:28</td>
<td>Attach</td>
</tr>
</tbody>
</table>
Navigating the research portal

- Budget Justification
- Other Support Sources (abstracts, budgets)
- List of References
- Samples of Research Contributions
- Samples of Research Contributions
- Samples of Research Contributions
- Samples of Research Contributions
- Attestation (Confidential Contributions)

Canadian Common CVs Attached

<table>
<thead>
<tr>
<th>Status</th>
<th>Title</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Applicant</td>
<td>2019-07-18</td>
<td></td>
</tr>
</tbody>
</table>
Live Demo - Identification

- Identification
- Eligibility profile (accessible also from Application Overview)
- Collection of Self-Identification data
- Selecting Applicant category
Identification

Applicant - Discovery Grants Program - Individual

Identification

Applicant

To modify this information, update the User Profile page. To modify the Current Position, update the Eligibility Profile.

Family Name: Franklin
Middle Names: MID
First Name: Rpsalind
Current Position: Assistant professor

Applicant Category

Suggested Applicant Category (required) [Select]

Administering Organization

Organization (required) [Carleton University]
Department/Division (required) [Biochemistry, Institute of]

Application

Application Title (required) [The crystal structure of DNA]
Language of the Application (required) [English, French]
Suggested Evaluation Group (required) [1501 Genes, Cells and Molecules]
Identification

Suggested Applicant Category (required) Early Career Researcher (ECR)

Explanation (required)

In addition to explaining how you meet the ECR definition, you must list all positions, found in your CCV, that meet NSERC’s requirements for an independent academic position.

(3000 characters maximum)

If NSERC offers you a Discovery Grant as an Early Career Researcher, would you accept a Discovery Launch Supplement and would you be able to use all of the supplement funds on your Discovery Grant research program?

○ Yes  ○ No
Identification

Self-identification Statements

Please note: Answers to the self-identification statements are not seen or used by NSERC’s Evaluation Group members or by external reviewers.

I self-identify as Indigenous. I consent to this information being used by NSERC to potentially improve equity and diversity among qualified candidates for a Discovery Accelerator Supplement (DAS) by giving priority to those who self-identify as indigenous, amongst similarly ranked candidates. (required)

- I agree
- This does not apply to me / I do not agree

I self-identify as a woman. I consent to this information being used by NSERC to potentially improve equity and diversity among qualified candidates for a Discovery Accelerator Supplement (DAS) by giving priority to those who self-identify as women, amongst similarly ranked candidates. (required)

- I agree
- This does not apply to me / I do not agree

Supplements/Joint Initiatives

- Consult the details on the DND/NSERC Discovery Grant Supplement and the description of the Defence and Security Target Areas.
- Consult the Discovery Grant - Northern Research Supplement (NRS) program description.

The Terms and Conditions of applying for a Discovery Grant also apply to the Northern Research Supplement and the DND/NSERC Discovery Grant Supplement.

To be considered for one or more Supplements or Joint Initiatives, select all that apply
Eligibility Profile

The information you provide must be for the position at the institution that will administer your application. It must correspond to the information contained in your contract with the institution, and also to the information in your CCV. Consult the Eligibility Criteria - For Faculty, and/or contact your Research Grants Office for more information. This information will be used by NSERC staff to determine your eligibility to hold an NSERC grant and will not be seen or used in the adjudication process.

**Academic Appointment**
- I hold an academic appointment at an eligible Canadian postsecondary institution. (Yes / No)
- I will hold an academic appointment at an eligible Canadian postsecondary institution. (Yes / No)

**Academic Position**
- Official Title of Position: [Select or enter value]
- Postsecondary Institution: [Select]
- Department/Division: [Select or enter value]

- The position I currently hold or will hold is a tenured, tenure-track or lifetime professor emeritus at an eligible Canadian university. (Yes / No)
- The position I currently hold or will hold is an indeterminate (i.e., with no end date) academic position with an eligible Canadian university, other than tenured, tenure-track or lifetime professor emeritus. (Yes / No)
- The position I currently hold or will hold is a term or contract academic position of no less than three years at an eligible Canadian university. (Yes / No)

- Expected Start Date: [Enter date]

From: [Enter date]
To: [Enter date]
Eligibility Profile

In addition to the academic position named above, I hold a remunerated position at an eligible Canadian institution.

In addition to the academic position named above, I hold a position outside the university sector.

I hold a position outside of Canada.

I am enrolled in a graduate program in the natural sciences or engineering, or I hold a postdoctoral position.
Collection of Self-Identification Data

Profile

In this section, you will find links to your user profile and profile functionality.

- User Profile
- Change Password
- Change Email
- Change Security Question

Application received by reviewers

Research Portal

Application - Discovery Grants Program - Individual Identification

Applicant

Family Name: ____________________________
Middle Names: __________________________
Current Position: ________________________

Administering Organization

Organization

Department/Division
## Collection of Self-Identification Data

Please note: Answers to the self-identification statements are not seen or used by NSERC’s Evaluation Group members or by external reviewers.

<table>
<thead>
<tr>
<th>Self-Identification Statements</th>
<th>I agree</th>
<th>This does not apply to me / I do not agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>I self-identify as Indigenous. I consent to this information being used by NSERC to potentially improve equity and diversity among qualified candidates for a Discovery Accelerator Supplement (DAS) by giving priority to those who self-identify as indigenous, amongst similarly ranked candidates. (required)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I self-identify as a woman. I consent to this information being used by NSERC to potentially improve equity and diversity among qualified candidates for a Discovery Accelerator Supplement (DAS) by giving priority to those who self-identify as women, amongst similarly ranked candidates. (required)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Selecting Applicant category

Select Applicant Category

Required for ECRs
Live Demo- Summary of the proposal
### Summary of the proposal

**Application - Discovery Grants Program - Individual**

#### Summary of Proposal

<table>
<thead>
<tr>
<th>Summary (required)</th>
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<tr>
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**Second Official Language Translation**

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<td>Characters remaining: 3000</td>
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</table>
Summary of the proposal

Second Official Language Translation

3000 characters maximum
Characters remaining: 3000
Live Demo- Proposal Expenditures
### Proposal Expenditures

#### Application - Discovery Grants Program - Individual

#### Proposed Expenditures

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<th>Year 1 Qty</th>
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<th>Year 2 Qty</th>
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**Show Table of Contents**
### Proposal Expenditures

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**Save and previous**  **Save and validate**  **Save and next**
Live Demo - Relationship to Other Research Support
Select the module

Clear explanation

Relationship to Other Research Support
Live Demo - HQP training plan
Live Demo - Past contribution to HQP training
Past contribution to HQP training
Live Demo - Most significant Contribution
Most significant Contribution
Live Demo - Activity details
**Application - Discovery Grants Program - Individual**

### Activity Details

**Application Title**

Your application title entered in the "Identification" screen is:

**The crystal structure of DNA**

### 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

### Environmental Impact

A. Will any phase of the proposed research take place on federal lands in Canada, other than lands under the administration and control of the Commissioner of Yukon, the Northwest Territories or Nunavut, as interpreted in section 2(1) of the [Canadian Environmental Assessment Act, 2012](https://www.canada.ca/en/environmental-protection/canas/index.html) (CEAA 2012)? (required)
  - [ ] Yes
  - [ ] No

B. Will any phase of the proposed research take place outdoors and outside of Canada? (required)
  - [ ] Yes
  - [ ] No

C. (i) Will the grant permit a designated project, as listed in the CEAA 2012 [Regulations Designating Physical Activities](https://www.canada.ca/en/environmental-protection/canas/index.html) (RDPA), to be carried out in whole or in part? (required)
  - [ ] Yes
  - [ ] No

OR

(ii) Will any phase of the proposed research depend on a designated project, as listed in the RDPA, being carried out by a third party? [Regulations Designating Physical Activities](https://www.canada.ca/en/environmental-protection/canas/index.html) (required)
  - [ ] Yes
  - [ ] No

### Research Subject Codes

Please select at least one research subject code (required)

1. Select
2. Select

### Area of Application Codes

Select one area of application code (required)

1. Select
2. Select
### Activity details

#### Research Subject Codes
Please select at least one research subject code (required)

1. Select
2. Select

#### Area of Application Codes
Please select at least one area of application codes (required)

1. Select
2. Select

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

1. x-ray crystallography
2.
3.
4.
5.
6.
7.
8.
9.
10.
Attachments

Attachment Upload

Proposal

General Presentation:
- Body text in a minimum 12 pt Times New Roman font
- Single-spaced, with no more than 6 lines of type per inch
- All margins set at a minimum of 3/4" (1.87 cm)

Your file must meet the following specifications:
- PDF format (.pdf extension); unprotected
- Maximum file size of 10 mb
- 8 ½” x 11” (216 mm x 279 mm) or A4 (210 mm x 297 mm)
- Maximum 5 pages

Add Attachment

Title (required)

File

Upload

Back to Application Overview

Report this page
Attachments

Attachment Upload

Budget Justification

General Presentation:
- Body text in a minimum 12 pt Times New Roman font
- Single-spaced, with no more than 6 lines of type per inch
- All margins set at a minimum of 3/4" (1.87 cm)

Your file must meet the following specifications:
- PDF format (.pdf extension): unprotected
- Maximum file size of 10 mb
- 8 1/2" x 11" (216 mm x 279 mm) or A4 (210 mm x 297 mm)
- Maximum 2 pages

Add Attachment

Title (required)

File

Browse

Upload

Back to Application Overview

Report this page
Attachments

Attachment Upload

Other Support Sources (abstracts, budgets)

General Presentation:
- Body text in a minimum 12 pt Times New Roman font
- Single-spaced, with no more than 6 lines of type per inch
- All margins set at a minimum of 3/4" (1.87 cm)

Your file must meet the following specifications:
- PDF format (.pdf extension); unprotected
- Maximum file size of 10 mb
- 8 1/2" x 11" (216 mm x 279 mm) or A4 (210 mm x 297 mm)

Add Attachment

Title (required)

File

Upload

Back to Application Overview

Report this page
Attachment Upload

List of References

General Presentation:
- Body text in a minimum 12 pt Times New Roman font
- Single-spaced, with no more than 6 lines of type per inch
- All margins set at a minimum of 3/4'' (1.87 cm)

Your file must meet the following specifications:
- PDF format (.pdf extension); unprotected
- Maximum file size of 10 mb
- 8 1/2'' x 11'' (216 mm x 279 mm) or A4 (210 mm x 297 mm)
- Maximum 2 pages

Add Attachment

Title (required)

File

[Browse]

[Upload]

[Back to Application Overview]

[Report this page]
Attachments

Attachment Upload

Samples of Research Contributions

Your file must meet the following specifications:

- PDF format (.pdf extension); unprotected
- Maximum file size of 10 mb

Add Attachment

Title (required)

File

Browse

Upload

Back to Application Overview

Report this page
Attachment Upload

Attestation (Confidential Contributions)

Your file must meet the following specifications:

- PDF format (.pdf extension); unprotected
- Maximum file size of 10 mb

Add Attachment

Title (required)

File

[Browse] [Upload]

Back to Application Overview

Report this page
Live Demo-CCV confirmation number
CCV confirmation number
CCV confirmation number
You are about to submit and share your electronic Curriculum Vitae with other institutions. Once such information is successfully forwarded, the designated institution will be responsible for the management and protection of the personal information shared. Please note: for privacy inquiries, you must contact each institution directly. You agree to share your CV and personal information with the institutions you have chosen here. For additional details please see the Privacy Notice Statement.
CCV confirmation number
Live Demo-Uploading CCV
Canadian Common CV Upload

See the instructions on how to use the Canadian Common CV (CCV) for information on completing and attaching your CCV.

**Note:** To successfully upload your CCV, the first name and family name used to create your CCV site account must be identical to those used to create your Research Portal account. As well, the email address used to create your Research Portal account must be identical to at least one of the emails you listed on the CCV site (i.e., the email used to create your CCV account, or any of the emails you included in the Email section of your CCV).

**Research Portal:** To change your family name, first name and/or email address, go to User Profile.

**CCV:** To change your family name, first name and/or email address, log into the CCV and click “Account” in the top menu bar. To change any other email addresses included in your CCV, go to the Email section of the relevant CCV template.

Add New Canadian Common CV

Confirmation Number:

Uploaded Canadian Common CV

<table>
<thead>
<tr>
<th>File Title</th>
<th>Date Uploaded</th>
<th>Action</th>
</tr>
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</table>

[Back to Application Overview]
Live Demo-Submitting an application
Submitting an application
Discovery Grant Application

Available Resources – NSERC WEBSITE

- Discovery Grants Information Centre
- Discovery Grants Program Description
- Discovery Grants Resource Video
- Peer Review Manual
  - Includes information on each of the three criteria and the merit indicators
- HQP FAQ Document
- Webinars on how to apply
# Discovery Grant

## Application Content

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<thead>
<tr>
<th>Section</th>
<th>Text Box (characters)</th>
<th>Attachment</th>
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<tbody>
<tr>
<td>Summary of proposal</td>
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## Discovery Grant
### Application Content (cont’d)

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<td>Proposal</td>
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<tr>
<td>Budget Justification</td>
<td></td>
<td>2 pages</td>
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<td>Other Support Sources (Supporting documents)</td>
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<td>1 attachment of scanned pages from other applications and grants (file size limit 10 Mb)</td>
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## Discovery Grant

### Application Content (cont’d)

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<td></td>
<td>2 pages</td>
</tr>
<tr>
<td>Samples of Research Contributions</td>
<td></td>
<td>4 attachments - file size limit of 10Mb each</td>
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<tr>
<td>Attestation on Confidential Research Contributions (if applicable)</td>
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<tr>
<td>Letters of Support</td>
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# NSERC Contacts

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<tr>
<td>Discovery Grants Program (including eligibility)</td>
<td><a href="mailto:resgrant@nserc-crsng.gc.ca">resgrant@nserc-crsng.gc.ca</a></td>
</tr>
<tr>
<td>On-line Services Helpdesk (IT support)</td>
<td><a href="mailto:webapp@nserc-crsng.gc.ca">webapp@nserc-crsng.gc.ca</a></td>
</tr>
<tr>
<td>Use of Grant Funds</td>
<td><a href="mailto:usegrantfunds@nserc-crsng.gc.ca">usegrantfunds@nserc-crsng.gc.ca</a></td>
</tr>
<tr>
<td>Deadlines, acknowledgement of applications and results</td>
<td>Your university Research Grants Office</td>
</tr>
<tr>
<td>Your account, Grants in Aid of Research Statement of Account (Form 300)</td>
<td>Your university Business Officer (BO)</td>
</tr>
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