

If you are experiencing **technical difficulties with the audio**, please connect with a **landline or cell phone**.

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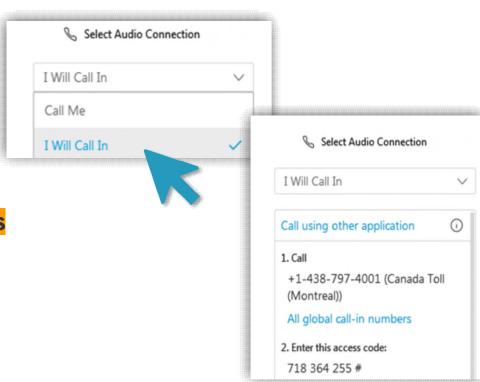
**1. "Call Me"** or;

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Follow the instructions

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## **2021 Exploration Competition** Information Webinar

**July 2021** 















## **Overview**

- 1. Important notes for the 2021 competition
- 2. Program description
- 3. Eligibility and roles
- 4. Review process
- 5. NOI requirements
- 6. Information for RGOs
- 7. Questions and resources



Important Notes for the 2021 Competition

## **2021 Exploration Competition**

## Two-stage competition

- 1. Notice of Intent to Apply (NOI)
- 2. Full Application





## Program Description 2021 Exploration Competition













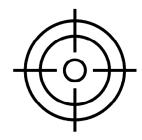


## **Exploration Stream Objective**

Goal: Inspire research that is **high risk**, **high reward**, and **interdisciplinary**.

## Support projects that:

- bring disciplines together beyond traditional disciplinary or common interdisciplinary approaches;
- propose to explore something new, which might fail; and
- have the potential for significant impact.



## Range of impacts:

Social, cultural, economic, health-related, technological, etc.

## Proposals led from any discipline:

Social sciences and humanities, health, natural sciences and engineering.



## **Value and Duration**

**Value** → Up to \$125,000 per year (including indirect costs of up to 25% of direct costs)

Funds should be used primarily to support research activities, **not to acquire** or maintain infrastructure\*

\*Tri-Agency Guide on Financial Administration

**Duration**  $\rightarrow$  Up to 2 years

**Number of grants** → Minimum of 100 grants

A proportion of awards will be reserved for Early Career Researchers (ECR)\*

<sup>\*</sup>Research interruptions caused by the COVID-19 pandemic are recognized as an eligible delay → №w2021



## **Competition Timeline**

**August 10, 2021** 8:00 p.m. (eastern)

NOI deadline

October 19, 2021 8:00 p.m. (eastern)

Full Application deadline

March 7-11th, 2022

Multidisciplinary review panel meeting

March 31, 2022

Start date of awards



## **High Risk**



High risk can be defined by elements such as, but not limited to:

- proposing unique directions;
- challenging current research paradigms;
- enhancing understanding of complex and challenging issues;
- bringing new disciplines together with different perspectives, to use novel approaches for solving existing problems; and/or
- developing or adapting frameworks, methods and techniques.



## **High Reward**



High reward can be defined by elements such as, but not limited to:

- having an economic, scientific, artistic, cultural, technological or health impact;
- impacting and/or affecting large communities, or unique communities or subpopulations with the potential to provide lessons for other contexts;
- transforming and/or disrupting conventional thinking;
- resolving a longstanding issue or debate; and/or
- significantly advancing current knowledge, methods and/or technologies.



## **Feasibility**

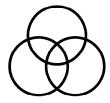


- research problem being addressed;
- knowledge, expertise and capacity of the research team;
- current research in the field;
- workplan and timeline;
- proposed approach, including GBA+/SGBA where appropriate;
- project's engagement and reciprocity with First Nations, Inuit and/or Metis peoples (for Indigenous research), where appropriate; and
- suitability of the research environment.





## Interdisciplinarity / Fit to Program

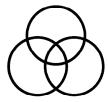


## Interdisciplinarity requirements:

- at least two different disciplines (group-level classification of the Canada Research and Development Classification codes <u>CRDC</u>); and
- the onus is on the applicant to explain the novelty of the interdisciplinary approach to justify the fit to program.



## Interdisciplinarity / Fit to Program



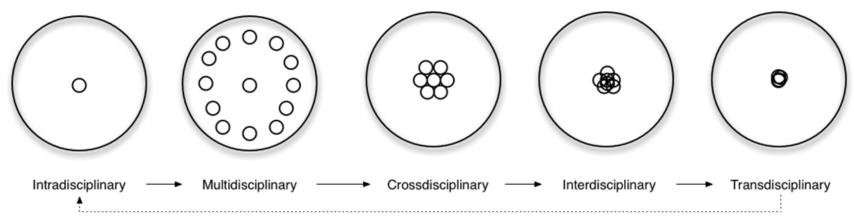
Interdisciplinarity can be defined by elements such as, but not limited to:

- Novelty of the Perspective → integrating two or more disciplines not commonly combined.
- Novelty of the Approach → application or adaptation of frameworks/ tools/ methods/ techniques from one discipline to solve a problem in another discipline.
- Project Design → designed from an interdisciplinary perspective.
- Fit to Program → pushes the boundaries of what can be funded through the agencies.



## Disciplinarities: multi, inter and trans

- <u>Multidisciplinary</u>: people from different disciplines working together, each drawing on their disciplinary knowledge.
- <u>Interdisciplinary</u>: integrating knowledge and methods from different disciplines, using a real synthesis of approaches.
- <u>Transdisciplinary</u>: creating a unity of intellectual frameworks beyond the disciplinary perspectives.





## **Multidisciplinary versus Interdisciplinary Teams**

## **Multidisciplinary Teams** Each member operates as a part of a chain of responsibility Members working in silo, by disciplines

## **Interdisciplinary Teams** Individuals from different fields are expected to contribute ideas to the entire project stack Members listen and learn from others



## **Equity, Diversity and Inclusion (EDI)**

EDI is a core element of the NFRF program

## 3 key areas:

- 1. team composition and recruitment processes;
- 2. training and development opportunities; and
- 3. inclusion.

For each of the three key areas below, applicants must explain:

- what actions they will take;
- ☐ the outcomes expected; and
- □ the assessment planned.



## **Equity, Diversity and Inclusion (EDI)**

Actions proposed are expected to:

- remove barriers; and
- provide opportunities for the meaningful integration of individuals from all groups, including the four designated groups (women, Indigenous peoples, members of visible minorities and persons with disabilities).

Refer to the

NFRF Best Practices in Equity, Diversity and Inclusion in Research



# Eligibility and Roles 2021 Exploration Competition















## **Project Team Eligibility**

## At least 2 participants:

 a nominated principal investigator (NPI) who is an <u>independent researcher</u> at an eligible institution

**AND** 

 a co-principal investigator (co-PI), who must also be an <u>independent</u> <u>researcher</u>

#### OR

 a co-applicant (co-App), who may be an independent researcher or not



## **Team Roles**

## **Nominated Principal Investigator (NPI)**

- Responsible for the direction of the project and the coordination of proposed research activities.
- Completes the NOI and full application on <u>Convergence portal</u> and submits to their research administrator.
- Assumes administrative and financial responsibility for the grant.

## **Co-Principal Investigator (co-PI)**

- Shares responsibility with the NPI for the direction of the proposed activities
- May access grant funds

## **Co-Applicants (co-App)**

- Contribute to the execution of the project
- Various backgrounds and affiliations
- May access grant funds

#### Collaborators

- Can be any individual who contributes to the project
- Cannot be supervised by the team
- Do not have access to grant funds



## **Project Team Eligibility**

## NPIs, co-PIs and co-Apps:

- must not be affiliated with a government or for-profit company; and
- can participate in only one Exploration stream application or grant at one time.

For a proposal to be considered led by early career researchers (ECRs), **both the NPI and co-PI** (if applicable) must be ECRs.

Refer to the Eligibility section of the Competition Overview

<sup>\*</sup>Exploration grantees must submit their final report before the full application deadline of a subsequent competition to be eligible to apply.



## **Exceptions**

- Federal government employee and adjunct professor whose students are participating in the research project may be a co-applicant, with the use of funds limited to salaries or stipends and travel costs for the students.
- Adjunct professor whose contributions to the project do not fall within the mandate of their federal organization and will not be performed within the employer's facilities or with the employer's resources.
- Individuals whose primary affiliation is with an Indigenous government are eligible to be co-principal investigators (if they are considered to be an independent researcher), coapplicants or collaborators, with eligible expenses limited to those related to the execution of the project that are not within the mandate of the Indigenous government.



# Review Process 2021 Exploration Competition















## **Notice of Intent and Full Application**

## Notice of Intent (NOI) (Not adjudicated)

## Purpose:

Used by staff to:

- 1. identify external reviewers; and
- 2. compose the multidisciplinary review panel.

## **Full Application**

## Purpose:

Used in the merit review process to identify the most meritorious applications to be recommended for funding by the multidisciplinary review panel.

Merit review process steps:

- Evaluation by external reviewers
- Adjudication by the Multidisciplinary Review panel



## **External Review**

External reviewers will evaluate the proposed project according to <u>only 3</u> <u>criteria</u> → New 2021

- High risk
- High reward
- Feasibility

This process is **double-blinded** (i.e. the external reviewers are not provided information that identifies the research team, and vice versa).

The external reviewers will be provided with the following sections:

- NOI Stage: Summary of the Proposal
- Full Application stage:
  - gender-based analysis plus (GBA+) section;
  - 2. research proposal;
  - 3. budget justification; and
  - 4. literature references.



## **External Review**

## To ensure anonymity:

- Do not include any identifying information about the team members (e.g., names, previous work, research groups, departments, institutions or organizations) in these sections.
- When referring to prior research, use non-identifying statements (e.g., "article was published," "research was conducted on," etc.)





## **Multidisciplinary Review Panel**

Adjudication involves scoring according to the evaluation <u>matrices</u> for the selection criteria:

- equity, diversity and inclusion (EDI) (pass/fail);
- interdisciplinarity / fit to program (pass/fail);
- high risk: 40% of overall score;
- high reward: 40% of overall score; et
- feasibility: 20% of overall score.

## This is not a double-blind review process





## **NOI** Requirements 2021 Exploration Competition















## **NOI** Requirements and Content

## **NOI** Requirement

- The NPI must submit a NOI to be eligible to create and submit a full application.
- Completed profiles of at least two members.
- Additional members can be added at the full application stage.

#### **NOI** content

A completed NOI must include:

- application title;
- fields of research (CRDC codes);
- keywords; and
- summary of the proposal.

\*Once submitted by the RGO, these fields are locked in for the rest of the competition



## **Summary of the Proposal**

Maximum 2,500 characters

#### Should:

- 1. include the objectives and summary of the research approach; and
- 2. highlight the novelty and expected significance of the work.

To ensure anonymity, do not include any identifying information that would identify the team members

Once submitted by the RGO, it cannot be modified





## **Suggesting External Reviewers**

## Be mindful of **conflicts of interest**Identify appropriate **expertise**:

- Minimum of 3 experts from each primary research field. → № 2021
- Ability to review with confidence (incl. language).
- Experts familiar with the various disciplinary approaches in the interdisciplinary project.

## Consider diversity in your selection

- Canadian, international
- Private, government, public sectors
- Gender
- Under-represented groups
- Established, mid career, early career researchers



## **Collection of Personal Information**

Collected for the purpose of program performance management

Self-ID data collected as part of the user profile is NOT shared with reviewers (or agency staff) and is not accessible by RGOs or any other users of the Convergence Portal

Please consult

**Data Collection policy** 

for more information



# **Information for RGOs**2021 Exploration Competition















#### Information for RGOs

## **RGO Role**

#### RGOs can:

- view NOIs from NPIs at their institution (expired, in progress and submitted);
- return submitted NOIs to the NPI; and
- forward submitted NOIs to the agency.

Before forwarding an application to the agency, you will be asked to confirm:

- that the participants meet the eligibility requirements; and
- that the proposed research project meets the eligibility requirements.



#### Information for RGOs

## **RGO Role**

By forwarding the application, you will also be certifying, on behalf of the institution, that the NPI:

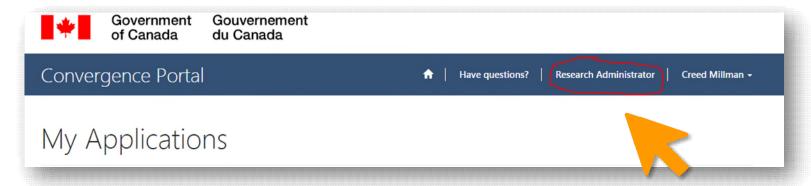
- is affiliated with the institution or organization;
- has the necessary time and resources to carry out the activity; and
- will email NFRF-FNFR@chairs-chaires.gc.ca of any changes during the tenure of the grant, including changes in the composition of the partnership, such as the addition of new co-principal investigators, co-applicants or collaborators.



#### Information for RGOs

## **RGO Role**

Use the "Research Administrator" button to access your institution's applications



If you do not have this option, please contact websupport@chairs-chaires.gc.ca

NFRFE 2020 NOI Convergence Walkthrough (18:45)



## **Questions and Resources**

2021 Exploration Competition















## Questions and resources

## **Questions?**





#### Questions and resources

## Resources

#### **Contact Information**

NFRF-FNFR@chairs-chaires.gc.ca

## **On-line Services Helpdesk**

websupport@convergence.gc.ca 613-995-4273

## **Program Links**

NFRF Website
Competition Overview
Reviewer Manual
Evaluation Matrices



#### Questions and resources

## **Video Capsule**

NFRFE 2020 NOI Convergence Walkthrough

