Name: File number: 315221

Registration

THIS IS A DEFAULT ENGLISH VERSION OF THE FORM which has not been fully validated. Please refer to the program rules and the French version of the form to make sure you provide the right information. To access the French version of the form, get back to the "My forms" tab and change the display language in the upper right corner of the screen.

The form and all required documents must be submitted to the Fonds before 4 november 2021 at 16:00.

Read the program rules, and the Common General Rules (CGR) to verify the eligibility requirements and to ensure that the form is filled out correctly. Make sure you are completing the form for the right program.

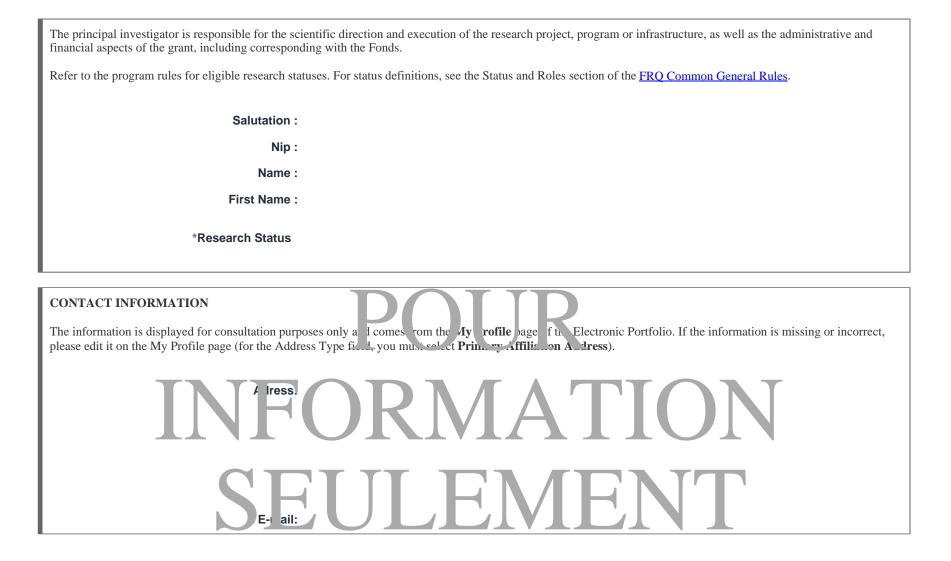
Refer to the <u>Presentation standards for PDF attachments to FRQnet forms</u> available in the Documents section of the FRQnet E-portfolio for complete presentation instructions.

It is recommended that you validate the contents of your form well in advance of the deadline to allow you to make any necessary corrections. The « Validate Form» button is located at the bottom of the « Signature and Submission » section.

In all sections of the form with a « Save » button, it is important to save the information on the page before clicking the « Validate Page » button.

*File number Pre-application

Principal investigator



Managing institution

The managing institution is the employing institution of the principal investigator, unless otherwise indicated in the program rules. Note that the *Employing and managing institution* drop-down menu contains only Institutions recognized to manage funding.

Once the information has been saved, the managing institution will be able to see this form in the Institutions portal.

Managing institutions may set an internal deadline for the approval of applications that is earlier than the competition deadline. This date will be posted on the "My forms" page under « Institutional deadline ».

It is essential that this form be submitted before the institutional deadline. The institution must then approve it before the competition deadline.

For applicants employed by a college centre for technology transfer (CCTT), the associated college must be identified as the employing and managing institution.

Employing and managing institution

Principal university affiliation

Department / Administrative Unit / School / POUR INFORMATION SEULEMENT

Pre-eligibility

I confirm that I am employed by an institution recognized by the FRQ to manage funding (see the list of recognized institutions on the FRQ website).

I confirm that I meet the definition of a status 1 or 2 academic researcher in the CGR

I confirm that I hold a career position at a university as defined in the program rules

I confirm that I have attached a canadian commun CV and the detailed contributions file recently uptaded in my electronic Portfolio at the Canadian common CV section. The Canadian common CV must be uptaded as indicated in the Canadian common CV section of the Portfolio.

I confirm that the C3P's entire research program must fall within one of the sectors covered by the Fonds de recherche du Québec.

I confirm that, at the time of application, the Chair program is not already funded by other granting agencies and that the amounts from the industrial contributions are not already committed to a research project or program.

I confirm that I am in compliance with the conflict of interest requirement that I do not own or co-own any of the industrial partners, including by being a voting shareholder.

I confirm that I am in compliance with the conflict of interest requirement that I have not earned more than \$15,000 per year from employment or consulting contracts with the industrial partner(s) in the past 5 years.

I confirm that I am in compliance with the conflict of interest requirement that I am not a board member of any of the industrial partners.

I confirm that I am in compliance with the conflict of interest requirement that I am not a family member of a person who is an officer of the industrial partner (s) or a member of the Board of Directors of the industrial partner(s) (such family relationship may be by blood, marriage, common-law or adoption).

Title and research fields

Title Indicate the title of your funding application. ***Title** Must be in French **Title in English** Classification A complete list of permitted values for the different drop-down lists used in the Fonds research classification system is available in the Documents section. List, in order of priority, the research sector(s) to which your research activities belong. *Sector 1. 2. 3. 4. Indicate the research discipline(s) that best describe the resear n. *Discipline 1. **Discipline 2.** ATION Indicate the main field f res 2. Th to whice your are lication belongs. *I ield f rese rch Indicate the research topics that apply to your application. *Research topic 1. IENT Rese rch lopi 2. Indicate the field and sub-field of application in which your research ctivities t *Field of application Sub-field of application Indicate six keywords, from the most general to the most specific, that best describe your research project or program. *Keywords

File number: 315221

Chair's name

Name	
*Name	
*Acronym	

Ethics

Indicate if your research Program involves:	
*Check your choice	□ Participation of human beings.
	The use of human biological material (parts, products, tissue, cells, genetic materials, derived from a living or dead individual).
	Assisted procreation activities or the use of human embryos derived therefrom, within the meaning of the Act respecting clinical and research activities relating to assisted procreation (CQLR c. A-5.01).
	□ The use of administrative, scientific or descriptive data from human participants.
	□ Use of experimental animals, or animal parts, products or tissue.
	\Box None of the above.
*Indicate whether the research involves gender or sex-based analysis (see article 5.5 of the Comr on Coneral Rules for more information)	 Yes, the notion of gender (sociocultural aspects) is taken into account. Yes, the notion of s >. (biological aspects) is taken into account. Notine use, which is not take into account the norm of g index or sex.
Describe how the research takes into account the notion of gender or sex. If it does not, explain v y.	HEMENT
account the notion of gender or sex. If it does not, explain v iy. Environmental risk	A WITH A CONTROL OF THE SECTION OF T

○ A) Minimal risk : the environmental day-to-day human activity.

OB) Greater than minimal risk : the environmental impact exceeds the impact of day-to-day human impact does not exceed the impact of activity. In the event of funding, you will need to specify the mitigation measures being considered or the measures that must be taken to comply with legal requirements.

Abstract

Should I receive funding in connection with this application, I agree to allow the FRQ to publicly release the abstract on this page and the title of the project, in whole or in part and by any means (websites, social media, etc.).

Accordingly, I am not including any personal information or confidential or protected information whose release may compromise a patent filing or publication request.

The FRQ will comply with all applicable copyright laws and reserve the right to edit the text without notice before releasing it.

○Yes ○No

Abstract for a general audience

Provide an abstract in language that can be understood by the public.

*Abstract in French

Only if your application is written in English, complete the field hereunder.

Abstract in English

SEULEMENT

Collaborators

List key collaborators.

A collaborator is an individual who brings specific expertise to the project or research program, as appropriate. He or she does not provide a CV and cannot be delegated to manage a portion of the funds.

For eligible research statuses, consult the program rules. For definitions of statuses, refer to the FRQ Common General Rules in the Statuses and Roles section.

If the institution is not listed, consult the help bubble to request an addition. If the collaborator is not attached to any institution, select No affiliation or home institution.

Collaborators list

(The list is empty)

Interruption or slowing down of research

This section allows you to identify, if applicable, circumstances related to the COVID-19 pandemic that may have slowed or delayed your research activities (family obligations, illness, disability, bereavement, laboratory closure, increased time spent teaching or serving the community, etc.).

The description should include the reasons and start and end dates of the interruptions or periods of slowdown and their impact on this application, if any (e.g., on publications, grant applications, mentoring of incoming students, participation in scientific events, etc.).

Circumstances specifically related to the COVID-19 pandemic

Project or program description

 Describe and explain the research chair according to scientific evaluation criteria listed at 6.2 section of the program rules.

 The document must be no more than 2 Mb, contain a maximum of 12 pages, be clearly readable and be attached in PDF format.

 File name
 Type of document

 Date
 Taille (Ko)

Expected impacts

 Describe and explain the research chair according to the benefits evaluation criteria listed at 6.3 section of the program rules.

 The document must be no more than 2 Mb, contain a maximum of 3 pages, be clearly readable and be attached in PDF format.

 File name
 Type of document

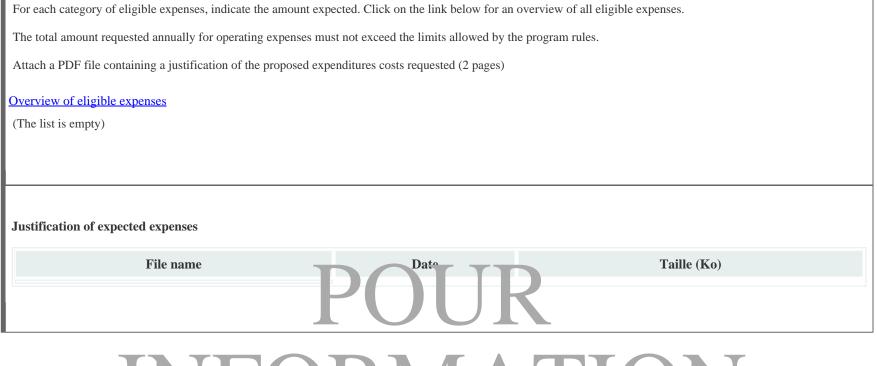
 Date
 Taille (Ko)

Research training

Identify and describe the involvement of students and postdoctoral fellows, specifying their role and responsibilities, as well as the supervision they will receive. Also specify, if applicable, their participation in an internship in a research environment outside Quebec as well as the completion of a thesis as part of the program. Also indicate the number of research professionals and research technicians involved in the program, specifying their role.

Research training

Budget



Contribution of the managing institution and/or partners

It is mandatory to add **all partners AND the managing institution here**.

Justify and explain the financial (F), material (M) and human resources (H) contributions of **the partners AND the managing institution**. Justification of contributions

Other documents

Attach the supporting documents to your funding request. They will be added at the end of the form. **Only one file per type of document is allowed.** Make sure to use all the possible options to optimize the size of your documents (black / white, image size, Acrobat optimization options, etc.) furthermore, ensure that PDF documents are not protected and that they do not contain bookmarks.

Consult the <u>Presentation standards for files (PDF) attached to FRQnet forms</u> available in the **Documents** section of the FRQnet electronic portfolio to read all presentation instructions.

Consult the program rules to find out which documents are required according to your situation and what specific information to provide in each document. Any document not required will be withdrawn from the funding request for its evaluation by the scientific committee.

File name	Type of document	Date	Taille (Ko)
	POUR		
IN	FORMA	ΓΙΟ)N
S	EULEM	EN	Τ

Signature and submission

COMMITMENTS OF THE APPLICANT

I declare and warrant the following:

1. All the **information** contained in the application and all the information I shall subsequently provide related to this form or any funding obtained (documents or further details required by the Fonds, reports, etc.) is and shall be **accurate and complete**. I shall notify without delay the FRQ of any changes to the information I have entered.

2. The co-investigators named in my application as taking part in the research project or program and other project collaborators, if applicable, have confirmed their desire to participate in the research project or program and I have obtained their authorization to provide their personal and confidential information.

3. I have read and agree to comply with the obligations set out in the *Common General Rules* of the Fonds de recherche du Québec – Nature et technologies, Fonds de recherche du Québec – Santé, Fonds de recherche du Québec – Société et culture, hereinafter the "FRQ") and the FRQ's *open access policy* for the dissemination of research, as they are updated periodically (see the « DOCUMENTS » tab), and to comply with all terms and conditions set out in the *Rules of the funding program* to which I am applying, as well as all other terms set out in the award or grant letter and at the time the payments are made.

4. I have read and agree to comply with the standards of ethics and integrity of the FRQ, including those set out in the *Politique d'éthique et d'intégrité* (see the « DOCUMENTS » tab), as updated periodically, taking into account any adaptations applicable in Québec and the ensuing obligations, and to subscribe to the best practices in my area of research.

5. I have read and agree to comply with the provisions of the *bucy fo*, the **Resp** nsi le **Con luct 1**, esearch of the FRQ (see the « DOCUMENTS » tab), as updated periodically, as well as those set out in institutional policies where agree to the **r** spon ble conduct of **r** earch, as they apply to my research activities. In the event of a substantiated case of breach of responsible conduct of research in connection with my research activities, I agree that the final report following the complaint's review, including my personal information, shall be transmitted to the FRQ so that the agencies may take appropriate measures. These measures may include sanctions related to the FRQ funding, as well as conctions pertoining to my cligibility to receive FRQ funding. Should urgent information be recurred to prevent or ond damages, the institution may communicate a 'rele ant' formation to the 'RQ with the taw to ing the attraction of the complant.

6. I am not currently in ligible to revive inding f. m a Ca adi: or pterna ion 'public fur aing a ency as he resul of a substar lated bre. In of responsible conduct of research.

7. I shall immediately advise the Fonds to which I am submitting this application should I become ineligible to apply for funding or receive funding from a Canadian or international public funding agence as the relation of a submitting this application should I become ineligible to apply for funding or receive funding from a Canadian or review by the FRQ Responsible Conduct of escarch Committee.

8. I understand that **failure to co_voly** *i*th **nv of hes complete ite i**te **i** to the **w** that wall **f** an oplice for from the review process, or to the suspension, withdrawal, termination or even reimbursement of funding, or any other type of administrative penalty related to the privileges granted by the FRQ.

AUTHORIZATION REGARDING PERSONAL AND CONFIDENTIAL INFORMATION SUBMITTED AS PART OF THE APPLICATION PROCESS

The information entered on the funding application forms, and all other forms relating to the management of any funding, shall be treated confidentially and in accordance with the Act respecting Access to Documents Held by Public Bodies and Protection of Personal Information (CQLR c A-2.1, hereinafter the Act), as well as with the *Statement regarding the protection of personal and confidential information in applicant and funding holder files* (see the « DOCUMENTS » tab, hereinafter the Statement).

• I have read the *Statement* and authorize the Fonds to keep, use and release all the personal and scientific information contained in my personal file, in accordance with the terms set out in the *Statement* and the Act, and on the condition that the individuals authorized to access my personal information undertake to treat it confidentially.

Identification		
You must agree with the commitments and authorization.	◯ Yes ◯ No	