

Call for applications: Young Investigators Support: Intercenter Mentorship and Project

Created in April 2012 by the Fonds de Recherche du Québec - Santé (FRQS), the **Research Network on CardioMetabolic health, Diabetes and Obesity** aims to develop research excellence in these areas, to transfer knowledge and to foster the use of new knowledge so as to promote quality of life for all Quebecers.

The network is launching its contest **Young Investigators Support: Intercenter Mentorship and Project for 2022-2024** open for young Quebec researchers at the beginning of their careers. The purpose of this program is to promote the optimal integration of promising young researchers in the Quebec CMDO network and the Canadian research community. Two aspects are covered by this support: a mentoring plan and the research program (*intercenter projects will be promoted*). First, the application must have a 2-year mentorship program. This mentorship involves a young researcher (*regular CMDO member*), an internal mentor and an external mentor. The internal mentor (*regular CMDO member*) is affiliated with the same research center as the young researcher. The external mentor is affiliated with another research center in Quebec, Canada (*eg. a member of Diabetes Action Canada*) or internationally. Second, the grant can be used to start a project or fund an ongoing project to accelerate the start of a young researcher's career. Two (2) supports per year will be funded based on their excellence.

The eligibility criteria and the method of evaluation are described below. The winning researchers must have been in a researcher position for 5 years or less, have an excellent scientific research program, propose an approved mentoring plan and demonstrates a structuring effect on research within the network. The winners will receive a financial support of \$15,000 over two years to support their intercenter scientific activities.

Deadlines for submitting applications are as follows:

- 1) **June 21, 2022**, for internships beginning between **September 1, 2022** and **August 31, 2023**.
- 2) **November 10, 2022**, for internships beginning between **January 1, 2023** and **December 31, 2023**.

Women, Aboriginal people, visible minorities, ethnic minorities and people with disabilities are encouraged to apply for funding. For evaluation purposes, we strive to recruit a diverse committee that reflects the profiles of the applicants and ensure an evaluation process that takes into account the particular situations of the applicants, including atypical trajectories.

Applications submitted late, incomplete or not meeting the eligibility criteria will not be evaluated.

The young researcher and mentors affiliated to a research center in Quebec must join the network before applying to the grant. Three follow-up reports will be requested from the winner: after one year of mentorship and the end of the funding period, and at one-year post financing period to document the impact of this mentorship.

Eligibility criteria for the applicant:

- 1) The young researcher, affiliated to a research center in Quebec province, must be a regular member of CMDO Network before submitting the application;
- 2) Internal and external mentors affiliated with Québec research centers must be regular member of the CMDO Network before submitting the final application;
- 3) **A single application per submission deadline as a young researcher** may be submitted for the Young Investigators Support: Intercenter Mentorship and Project competition. There is no limit as a mentor;
- 4) The young researcher is holding a regular researcher status for 5 years or less in a research center recognized by the FRSQ. Mention the start date of the first career position as researcher in a research center in the Potential of the candidate section (in the electronic form);
- 5) The application must include a Quebec research center, represented by the young researcher (*the principal researcher of the application*) AND by at least one established researcher regular member of the network (internal mentor). The application must also include at least one external mentor from another research center in Quebec, Canada (*eg, a member of Diabetes Action Canada*) or abroad;
- 6) The applicant's research program must be linked to the areas of cardiometabolic health, diabetes and/or obesity (*the funds used directly for the research project must be presented in the budget*);
- 7) The applicant must demonstrate that his/her research program have a structuring effect on research in the network, according to its objectives (*eg. establishment of new multidisciplinary and/or intersectoral collaborations inside networks or internationally, knowledge transfer, research focused on the patient, standardization methods, or setting up a platform or common resources, etc.*);
- 8) The candidate must have the support of 1) a senior mentor (*CMDO member*) in his research center and 2) a mentor from another research center. These mentors will have to actively participate in the scientific supervision of the candidate, including the co-supervision of students, scientific collaboration, access to specialized platforms, etc.

- 9) The candidate must submit a mentorship plan which was set up in its research center, including at least one mentor member of CMDO. The activities described in paragraph 8 should be included in the scientific mentorship plan of the young researcher. A detailed description of the plan shall be submitted for evaluation.
- 10) Submit FRQS CV (with *detailed contributions* section) for candidate and mentors to evaluate scientific excellence. If mentors are outside Quebec, any CV containing information similar to the FRQS CV will be accepted.
- 11) Expenditure budget for the \$ 15,000 on two (2) years – see below for eligible expenses.
- 12) The winner must agree to provide a brief progress report every year for three (3) years in order to demonstrate the leverage effect of the program (*i.e. new collaborations, obtaining external grants and/or scholarships*).
- 13) Note that it is possible to reapply after the 2-year grant period (first grant received), and before the 5-year term as a researcher. On the other hand, young researchers who have never received this support will have priority.

Eligible expenses:

Any expenses related to project and mentorship support for the benefit of the recipient and eligible by the FRQS research grants standards. Especially:

- Transport and accommodation for mentors when visiting to the young researcher's research center;
- Transport and accommodation for young researcher when visiting external mentors' research center;
- Transport, accommodation and registration to conferences / congresses to the recipient or student co-supervised intercentre only if at least one of the mentors is present at the same event and that a meeting is on the agenda;
- Support for student(s) in intercentre co-direction (scholarship, travel expenses between centers);
- Costs related to the research project of the intercentre collaboration (supplies, technical services, etc.);
- Mentorship meeting expenses.

Non-eligible expenses:

- Salary for the recipient or mentors

Who can file an application:

The young researcher (main applicant) is responsible for his application.

Materials required when submitting the application:

- 1) CMDO Network Application Form completed online by the applicant (*see below*);
- 2) Starting date of the candidate's position as a researcher- include the date of the first position as a researcher in a research center recognized by the FRSQ in the Potential of the candidate section of the electronic form;
- 3) A letter of support from each mentor detailing the support and expertise they will provide to the candidate;
- 4) FRQS Curriculum vitae (with *Detailed Contributions* section) for the young researcher candidate and each mentor. For mentors outside Quebec, any CV containing information similar to CV FRQS will be accepted.

The application form must be completed online. All documents must be transmitted in PDF format to the network coordinator or at concours@rrcmdo.ca.

Application evaluation process:

An evaluation committee will be formed to evaluate all the applications submitted. The chair of the committee will be held by a member of the CMDO steering committee which has not sponsored or endorsed candidacy. He will attend the discussions as an observer and coordinator. Competition results will be announced in the weeks following the application deadline.

Applications will be evaluated based on compliance with the Contest eligibility criteria and the following criteria:

- 1) **Candidate Potential (25%):** Quality of training in research, scientific achievements, history of publication, funding and training of students. Include the date of the first position as a researcher in a research center recognized by the FRSQ in the Potential of the candidate section (in the electronic form);
- 2) **Research Program (20%):** Clarity of the research question and scientific justification. Potential for creating new knowledge. Originality of hypotheses and research questions. Novelty of the approach, new methodologies or new applications of existing methodologies;
- 3) **Presentation of proposed mentors (20%):** Affiliation and expertises;
- 4) **Relevance and quality of the proposed intercenter mentorship (25%):** Mentorship plan and immediate or potential impact of the proposed mentorship on research/team of the young researcher and within the network, depending on the CMDO's objectives (*ex. establishment of new multidisciplinary and/or intersectoral collaborations inside networks or internationally, knowledge transfer, research focused on the patient, standardization methods, or setting up a platform or common resources, etc.*);

5) *Realism of the budget proposal (10%):* Relevance of the proposed use of funds.

Any request for additional information may be sent to the Research Network on CardioMetabolic health, Diabetes and Obesity (CMDO), Université Laval, École de Nutrition, email: info@rrcmdo.ca.

Description of the electronic form (see next page)

Young Investigators Support: Intercenter Mentorship and Project *Instructions for the application form*

[FORM MUST BE COMPLETED ONLINE, CLICK HERE](#)

The form can be saved and complete later.

WARNING :

- To save your application to complete it later, you must click the *Resume later* icon (a username will be requested and a password), and then quit by closing the program.
- If you have saved your application and click on *Exit and Clear Survey*, all saved data will be erased.

1. GENERAL INFORMATION

Mentorship/Project title: *max. 256 characters including spaces*

Main theme (choose one):

- Cardiometabolic health
- Diabetes
- Obesity

Secondary theme(s) (if applicable):

- Cardiometabolic health
- Diabetes
- Obesity
- Not applicable

Axes (multiple choices possible):

- Basic research and pre-clinical
- Nutrition, Physical Activity and human pathophysiology (Clinical Research)
- Living habits, risk factors and population interventions through cycles of life (Population Research)
- Organization of care (Health System Research), sharing and use of knowledge

Principal Applicant name (the Young researcher, regular member of CMDO Network): *max. 100 characters*

Affiliation of principal applicant: *max. 120 characters*

Affiliation to other research networks (several possible choices):

- Another FRQS Network (which one?);
- Diabetes Network Action Canada;
- Other.

In the event that you receive funding, this information will be sought for all mentors.

Mentor name in candidate's research center (internal mentor): *max. 100 characters*

Affiliation internal mentor: *max. 120 characters*

Maximum of two internal mentors

Mentor name in another center (external mentor): *max. 100 characters*

Affiliation internal mentor (and specify if internal or external mentor): *max. 120 characters*

Maximum of two external mentors

Quebec research centers directly involved in the project:

Select the research centers from the list.

Research Center(s) Outside Quebec directly involved in the internship (optional):

If applicable, indicate the name(s) of the research center(s).

2. POTENTIAL OF THE CANDIDATE

- Date of the first position as a researcher in a research center recognized by the FRSQ. *max. 120 characters*
- Quality of research training, scientific achievements, history of publication, funding and training of students. Mention the date of entry of the first career position as a researcher in a research center in the Potential of the candidate section (in the electronic form).
max. 3000 characters including spaces

3. RESEARCH PROGRAM OF THE CANDIDATE

Provide a description of the research program including the scientific rationale, objectives and hypothesis, methodology and potential impact. Please include a paragraph presenting the originality of your project (*potential creation of new knowledge, originality in hypotheses and research questions, new approach, new methodologies or new applications of existing methodologies.*).

max. 3000 characters including spaces

4. OVERVIEW OF PROPOSED MENTORS

Affiliations and expertises.

max. 1400 characters including spaces

5. RELEVANCE AND QUALITY OF PROPOSED INTERCENTER MENTORSHIP

Description of the proposed mentorship plan and immediate or potential impact of this mentorship for young researcher's lab/research and research within the network, according to CMDO's objectives (*eg. Establishment of new multidisciplinary collaborations and/or cross to the internal network or internationally, knowledge transfer, research patient-oriented, standardization of methods, establishment of a platform or common resources, etc.*).

The objectives of the CMDO network are:

- 1) To promote, establish and strengthen, through meetings and scientific exchanges mechanisms, collaborations between teams involved in the various research themes aimed at the implementation of "translational" projects covering major multidisciplinary and interinstitutional research covering aspects of basic research, clinical research, evaluative and epidemiological research and knowledge transfer activities.
- 2) To ensure availability for its members of specialized platforms and joint research services obtained through CFI infrastructure grants, including imaging, human and animal metabolic phenotyping, genomics, transgenics, and metabolomics.
- 3) Increase Québec's ability to recruit and retain productive researchers in obesity, diabetes and metabolic health by providing installation grants and promoting the interaction of new researchers to the high level teams already in place.
- 4) Promote the training of research students, through salary support and scholarships to attend scientific conferences.
- 5) Allow the establishment of partnerships with other research or private organizations, the collaborations with other existing thematic networks, and encourage participation in national and international research projects and initiatives.
- 6) Promote the sharing and use of knowledge with health professionals and the public, and advise the FRSQ and Québec public health authorities about obesity, diabetes and cardiometabolic health.

max. 3000 characters including spaces

6. BUDGETARY CONTEXT

Budget summary:

Provide a brief description of the use of funds (\$ 15,000 over two(2) year).

max. 1400 characters including spaces

In the event that your project is funded, please provide us with the contact information of the person in finance responsible for the transfer of funds (e.g., administrative technician):

- Name; *max. 120 characters including spaces*
- Email; *max. 120 characters including spaces*
- Phone number; *max. 120 characters including spaces*

DOCUMENTS TO BE SUBMITTED IN PDF FORMAT:

1. CV, FRQS format (with detailed contributions section), for candidate and mentors to assess the scientific excellence (for mentors outside Quebec, any CV containing information similar to CV FRQS will be accepted);
2. Letter of Support from each mentor;
3. Submit documents to the network coordinator or at concours@rrcmdo.ca.