

**POSITION: MASTER, PHD, POST-DOCTORATE /  
FELLOWSHIP**

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**Under the direction of :** Dr Laurent Legault  
Director, pediatric endocrinology department  
Montreal Children's Hospital  
McGill University Health Centre

Dr Rémi Rabasa-Lhoret  
Director, Metabolic Diseases Research Unit, IRCM  
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Université de Montréal  
Physician, Endocrinology, Centre hospitalier de l'Université de Montréal

Dr Anne-Sophie Brazeau  
Assistant Professor, School of Human Nutrition, McGill University  
Program Director of Dietetic Education and Practice

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<b>Duration</b>	1 year (extension possible)
<b>Start date</b>	February 2022

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**Presentation of the laboratory**

In collaboration with the pediatric endocrinology department of the McGill University Health Centre, the metabolic diseases research unit located at the IRCM is carrying out research on type 1 diabetes.

**Research Project**

The BETTER research project aims to assess the frequency, risk factors and consequences as well as to reduce the burden of hypoglycemia in people living with type 1 diabetes. The project combines a registry, an online training program and randomized trials. This project involves a collection of data in pediatric people living with type 1 diabetes with data currently available for nearly 600 children and adolescents.

As part of this research project, a position for a master or PhD degree or a post-doctorate/fellowship training is open to study the problem of hypoglycemia in people of pediatric age living with type 1 diabetes. More specifically, the main objectives are:

1. To describe the prevalence of hypoglycemia in the BETTER registry in terms of frequency, risk factors, circumstances, consequences and treatment.
  - The role of physical activity as a risk factor for hypoglycemia and approaches to reduce this risk will be the subject of a specific analysis.
2. To contribute to the development of an online training program to reduce the risk of hypoglycemia.

We are aiming for the publication of 2 or 3 manuscripts in the first year of this internship.

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**Required profile**

- Training in health sciences (bachelor's, master's or doctorate); a doctorate in medicine will be considered as an asset.
- Knowledge in diabetes and/or experience in clinical research or clinical epidemiology will be considered as an asset.
- Publication experience will be considered as an asset.
- Oral and written communication skills in French (an important asset) and in English (essential)
- Academic excellence

A scholarship is provided but the successful candidate will be strongly encouraged to apply to external scholarship competitions.

The start of the contract is set for February 2022, but given the contingencies related to the COVID 19 pandemic and for the immigration procedures for non-Canadian applicants, it will be possible to start working remotely. However, being available to do the work on site from February 2022 will be considered an asset.

**How to apply**

Submit your application before January 10, 2022

Applications must be submitted to Virginie Messier: [virginie.messier@ircm.qc.ca](mailto:virginie.messier@ircm.qc.ca).

The following supporting documents are required:

- Curriculum vitae
  - Letter of motivation
  - Reference letters (at least 2)
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