

Project title	ELAN Project & PREMASUCRE Study		
Study level(s)	<input type="checkbox"/> MSc	<input type="checkbox"/> PhD	<input checked="" type="checkbox"/> Postdoctorate
Principal investigator(s)	Anne Gallagher, Ph.D.		
Project duration	1 year, renewable		
Start date	January 2024 (flexible)		

Date of posting: 2023-10-13

Research laboratory presentation

As part of two longitudinal research projects, funded by the Natural Sciences and Engineering Research Council of Canada (NSERC) and the Canadian Institutes of Health Research (CIHR), the LION Laboratory, led by Dr. Anne Gallagher, is looking for a postdoctoral fellow for a period of at least one year, renewable.

Our research team conducts studies to better understand cognitive and language development in neurotypical children and children presenting various clinical problems (epilepsy, congenital heart disease, premature birth). The projects are led by Dr. Anne Gallagher, Canada Research Chair in Child Neuropsychology and Brain Imaging. For more information : www.lionlab.umontreal.ca.

Research project description

The laboratory's research projects aim to characterize the brain development of healthy children and children with various clinical conditions. The postdoctoral fellow will actively participate in participant recruitment, neurodevelopmental assessments, NIRS and/or EEG data acquisition and processing, as well as in the writing of scientific articles and communications. The postdoctoral start date is flexible.

The postdoctoral fellow will be actively involved in:

- data acquisition coordination;
- behavioral and neuroimaging/electrophysiological data acquisition and analysis;
- preparing files for legal and ethical compliance;
- undergraduate and graduate students' supervision;
- knowledge transfer and dissemination;
- writing of scientific manuscripts.

Required training and profile

- Graduate (PhD) training in biomedical sciences, psychology, neuroscience, or related discipline;
- Experience in neurodevelopmental assessment (an asset)
- Experience in pediatric neuroimaging /electrophysiology (a major asset)
- Strong scientific writing skills in English;
- Knowledge of good clinical practices;



- Strong proficiency in French and / or English, spoken and written (fluency in both languages is a major asset).

Desired skills:

- Strong leadership;
- Ability to work under pressure and meet deadlines;
- Strong communication and interpersonal skills;
- Sense of responsibility, thoroughness and autonomy;
- Proactivity and ability to work with minimal supervision;
- Strong organizational, time and priority management skills.

Conditions

Salary will be determined based on experience and qualification level. The salary will come from the researcher's research fund or an external nominative scholarship if applicable. Currently, research funds for this project have been awarded for a period of five years. The appointment is for a period of one year and can be renewed contingent performance, the availability of research funds and the project's advancement.

The candidate must register at the Université de Montréal as a postdoctoral fellow and must meet the eligibility requirements of the program. Postdoctoral fellows at the CHUSJ are Scholarship recipient postdoctoral fellows (stagiaires postdoctoraux boursiers "SPB"). They are considered as researchers in training and are not employees of the CHUSJ. They are paid in the form of a scholarship (stipend), not a salary. For this reason, CR-CHUSJ postdoctoral fellows are not eligible for employment insurance, parental insurance, pension plans and other benefits exclusive to employees. Taxes will be deducted at the source.

The CHU Sainte-Justine has a minimum remuneration policy for all its students and postdoctoral fellows. Remuneration may come from the researcher's funds or from an external nominal award. The candidate will be invited to apply for external scholarships to obtain a nominative award.

Submit your application

Applicants must send by email their curriculum vitae, a recent transcript, motivation letter, and 2 references as soon as possible or by **December 1st, 2023** to the attention of Dr. Anne Gallagher at anne.gallagher@umontreal.ca.

Please provide:

- ✓ Curriculum vitae
- ✓ Most recent transcripts
- ✓ Cover letter
- ✓ References



Anne Gallagher, Ph.D., neuropsychologist
Canada Research Chair in Child Neuropsychology and Brain Imaging
Full Professor
Department of Psychology
University of Montreal
Director, LION Lab
CHU Sainte-Justine Research Center
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Equity, diversity and inclusion

The CHU Sainte-Justine subscribes to the principle of equal access to opportunities and invites women, members of visible and ethnic minorities, persons with disabilities and Indigenous people to apply. We would appreciate it if you could inform us of any disabilities that would require technical and physical accommodation adapted to your situation during the selection process. Please be assured that we will treat this information as confidential.

Studies at the CHU Sainte-Justine Research Center

Pursue your [graduate or postdoctoral studies](#) at the **CHU Sainte-Justine Research Center**, and be one of the 500 students, fellows and interns involved in accelerating the development of knowledge in the field of maternal, child and adolescent health, whether in basic or clinical research. Under the supervision of prominent scientists, especially in leukemia, rare pediatric diseases, genetics, perinatology, obesity, neuropsychology and cognition, scoliosis and rehabilitation, you will have the opportunity to work with multidisciplinary scientific teams and collaborators from all over the world.

About the CHU Sainte-Justine Research Center

CHU Sainte-Justine Research Center is a leading mother-child research institution affiliated with Université de Montréal. It brings together more than 200 research investigators, including over 90 clinician-scientists, as well as 500 graduate and postgraduate students focused on finding innovative prevention means, faster and less invasive treatments, as well as personalized approaches to medicine. The Center is part of CHU Sainte-Justine, which is the largest mother-child center in Canada and the second most important pediatric center in North America. More on research.chusj.org

