



CHU Sainte-Justine  
Research Center  
Mother and Child  
University Hospital Center

Université  
de Montréal

Project title	A meta-analytic review of the moderators of the association between maternal depression and children's cognitive, behavioural, and socio-emotional development		
Study level(s)	<input checked="" type="checkbox"/> MSc	<input type="checkbox"/> PhD	<input type="checkbox"/> Postdoctorate
Principal investigator(s)	<a href="#">Sylvana Côté, Ph.D.</a>		
Project duration	1 year		
Start date	As soon as possible		

### Research laboratory presentation

The Research Unit on Psychosocial Maladjustment (GRIP) is an interdisciplinary (medicine, psychology, neuroscience) and international research group directing 5 longitudinal studies on child development in Canada. Dr. Côté, the director of the GRIP, is an experienced professor-researcher with over 15 years of experience studying the etiology and prevention of mental health problems over the life course. Dr. Côté also has supervised numerous graduate students, with many former students now holding active appointments in some of the best psychology and psychiatry departments around the world (e.g. Royal King's College and McGill University). The successful candidate will have access to these longitudinal datasets to conduct further research, with the support of analysts and statisticians. The student will be supported by a team of experienced researchers and will work within the context of a large international multidisciplinary team.

### Research project description

Maternal depression is known to negatively impact children's cognitive, behavioural, and socio-emotional development. However, less is known about the numerous factors which may moderate these associations. The successful candidate will work alongside a PhD candidate to review the literature and conduct a meta-analysis identifying the moderators of this association. This project can help inform interventions by identifying modifiable factors which can be used to develop targeted and effective interventions.

### Required training and profile

- BA or BSc in a relevant field (e.g. psychology, sociology, biology, statistics, psychoeducation, etc.)
- Academic excellence as demonstrated in grades (GPA of or above 3.7/4.3 or 3.5/4; or the equivalent)
- Some previous research experience (posters, literature review, working/volunteering on data collection, coding, or analysis etc.)
- Interest in learning meta-analysis methodology
- Interest in integrating biological, psychological, and social perspectives
- Capacity to read and write in English



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### Conditions

The Master's student must apply for admission at the University of Montreal as a Master's student and will comply with all applicable eligibility conditions. All Master's students at the CHU Sainte-Justine receive a stipend from their Principal investigator research funds (according to the minimum amount required at the CHU Sainte-Justine Research Center). The candidate should apply for external scholarship awards. The candidate will also have access to the internal Master's fellowship program of the Sainte-Justine CHU Foundation.

### Submit your application

Candidates must send the required documents before **November 18<sup>th</sup> 2019** to Marilyn Ahun at [marilyn.ahun@umontreal.ca](mailto:marilyn.ahun@umontreal.ca)

Please provide:

- ✓ *Curriculum vitae*
- ✓ Most recent transcripts
- ✓ Cover letter
- ✓ Example of writing material (can be term paper or previous publication)
- ✓ The name of 2 referees

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### 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.



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**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](https://research.chusj.org)

