Research project offer

CHU Sainte-Justine Research Center

Project title
The individual and environmental developmental pathways to substance use disorders and comorbid mental health problems

Study level(s)
☐ MSc ☑ PhD ☒ Postdoctorate

Principal investigator(s)
Natalie Castellanos Ryan, PhD

Project duration
1 year, renewable for up to 3 years.

Start date
Flexible

Research project description
A post-doctoral research fellowship based at University of Montreal (Canada), is available within a multidisciplinary research group: The Research Group on Children’s Psychosocial Development (GRIP: http://www.gripinfo.ca/Grip/Public/www/). The aims are to study the individual and environmental factors associated with substance use disorders and comorbid psychopathology in early adulthood using 25 years of longitudinal data.

The successful candidate will produce scientific papers in the area of developmental psychopathology/psychiatry/psychology/education/public health. To conduct his/her research, the fellow will have access to large longitudinal data sets. The fellow will be supervised by a team of experienced developmental psychologists (Natalie Castellanos Ryan, Jean Séguin and Sophie Parent) and will work within the context of a large international multidisciplinary team.

Required training and profile
- Ph.D. in relevant discipline such as psychology, psychiatry, criminology, psychoeducation, public health, sociology, statistics;
- Academic excellence as demonstrated in grades (GPA above 3.7/4.3 or 3.5/4; or the equivalent);
- Publications, communications, and research experience;
- Methodological skills and experience in using large data sets and/or longitudinal data sets;
- Capacity to estimate statistical models using repeated assessments over multiple years;
- Previous experience analyzing data with software such as SPSS, SAS, R, Mplus, Stata, HLM, etc. (experience with SPSS, R and Mplus will be particularly favoured);
- Capacity to read and write in English;
- Knowledge of French is an asset.

Conditions
Stipend in accordance with FRQ-S and CIHR guidelines. The fellowship is for 1 year renewable for up to 3 years.
The candidate must register at the Université de Montréal as a postdoctoral fellow and must meet the eligibility requirements of the program. Postdoctoral fellows receive a stipend at the CHU Sainte-Justine, and not a salary. They are therefore not eligible to receive marginal benefits, employment insurance or retirement pension benefits. Taxes will be deducted at the source when the stipend is paid from the director's research funds.

The duration of the research refinement is conditional on:

- The availability of research funds;
- The progress of the project;
- The candidate's eligibility to maintain a postdoctoral fellowship status at the university.

Submit your application
Candidates must send the required documents before January 5th, 2020 to Natalie Castellanos Ryan at natalie.castellanos.ryan@umontreal.ca

Please provide:

☑ Curriculum vitae
☑ Most recent transcripts
☑ Cover letter
☑ References (3)

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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.
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