

**POST-DOCTORAL RESEARCH FELLOWSHIP AT
UNIVERSITY OF MONTRÉAL AND STE-JUSTINE RESEARCH CENTER (MONTREAL, CANADA)**

TOPICS:

- 1) THE INDIVIDUAL AND ENVIRONMENTAL DEVELOPMENTAL PATHWAYS TO SUBSTANCE USE DISORDERS AND COMORBID MENTAL HEALTH PROBLEMS.**
- 2) BIOLOGICAL, SOCIOCULTURAL AND ENVIRONMENTAL CORRELATES OF PUBERTY AND THEIR LONGITUDINAL ASSOCIATION WITH ADOLESCENT MENTAL HEALTH.**

Two post-doctoral research fellowships based at University of Montreal (Canada), are available within the *Development, Prevention Science and Adaptation (DePSA)* lab (<http://labodepsa.umontreal.ca/en/>) and a multidisciplinary Research Group on Children's Psychosocial Development (GRIP: <https://grip-info.ca/>). The aims are to study 1) the individual and environmental factors associated with substance use disorders and comorbid psychopathology in early adulthood using 25 years of longitudinal data; and 2) how pubertal development, as well as its biological, sociocultural and environmental correlates, are associated with later mental health symptoms across adolescence in three Québec longitudinal cohorts.

The successful candidates 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.

Selection criteria:

- 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.

Stipend: in accordance with FRQ-S and CIHR guidelines.
The fellowship is for 1 year renewable for up to 3 years.

Deadlines:

The deadline for application is November 15th 2022.

The fellowship start date: Flexible

Please send the following documents to Natalie Castellanos Ryan:

natalie.castellanos.ryan@umontreal.ca

- CV;
- Copies of academic transcripts;
- Letter of motivation;
- The names of 3 referees.