

Post-doctoral Fellowship in environmental and biological determinants of mental health at the CHU de Québec-Université Laval Research Centre (Québec, Canada)

Thanks to the contribution of the Sentinel North research program (www.sentinellenord.ulaval.ca) and the Canada First Research Excellence Fund, research funding have become available for a 2-year postdoctoral fellowship at the CHU de Québec-Université Laval Research Centre to apply expertise on the interplay between environmental adversities and gut microbiome in relation to mental health in Inuit youth from Nunavik. This fellowship will provide the candidate a unique opportunity to conduct innovative interdisciplinary research projects, enabling them to extend and contribute to knowledge in the area of biological and environmental determinants of health in the northern context. Anticipated start date is September 1, 2018, negotiable.

The successful candidate will work under the shared leadership of Dr. **Gina Muckle**, professor at the School of Psychology, renowned for her expertise in child development, indigenous and environmental health, and Dr. **Richard E. Bélanger**, professor at the Department of Pediatrics and clinical scientist in pediatrics and adolescent medicine, expert in adolescent and young adults' health determinants, in conjunction with other research team members, including Dr. **Michel G. Bergeron**, professor at the Department of Microbiology, Infectious Disease, and Immunology, founder of the Infectious Diseases Research Center, expert in human gut microbiome. The fellowship will be carried out in a collaborative and stimulating environment of the Research Centre of CHU de Québec-Université Laval (<http://www.crchudequebec.ulaval.ca/en>) and, more specifically, in the Population Health and Optimal Health Practices research unit, which brings together researchers from various disciplines, such as, medicine, nutrition, epidemiology, public health, toxicology and psychology, who targets a better comprehension of health problems and well-being, its determining factors and effective interventions, mainly in disadvantaged populations.

We are seeking highly motivated candidate with a Ph.D. in Clinical Epidemiology, Preventive and Community Medicine, Clinical and Biomedical Sciences/Biostatistics or a related field. Expertise in human microbiology/microbiota, as well as experience in cohort studies, research in the northern context and big data analysis would be considered assets. Excellent communication skills, advanced statistical training and knowledge of statistical software packages, as well as demonstrated ability to writing and publication of high-calibre scientific articles (at least two first author publications) are required. Also, candidate ability to work as part of a multidisciplinary team is an important skill.

Key accountabilities of this fellowship involve developing and carrying out research projects, analyzing data, co-authoring and submitting manuscripts and potentially future research grants, gaining experience with the supervision of students, participating in training/scientific communication/knowledge transfer activities.

Interested candidates should submit: 1) cover letter detailing why the applicant is interested in this opportunity and how specified qualifications are met; 2) CV/resume with a complete list of publications; 3) copies of doctoral transcripts; 4) copy of the PhD Diploma or evidence of the thesis deposit; 5) copies of all publications on which the candidate has been an author (first or co-author); 6) letter of support from the thesis supervisor.

Inquiries regarding this position and submission of application should be sent to:

Dr. Richard E. Bélanger

CMES du CHU de Québec

2705, boul. Laurier, R-1742, Québec (QC)

Canada, G1V 4G2

richard.belanger@mail.chudequebec.ca

+1-418-654-2282.

Please note: This position will remain open until filled. We thank all applicants for their interest, however only those selected for an interview will be contacted.