



## WHO ARE WE ?

The Centre for Public Health Research (CRReSP) is the result of a partnership between the Université de Montréal (UdeM) and the CIUSSS du Centre-Sud-de-l'Île-de-Montréal (CCSMTL), an integrated university health and social services centre. CRReSP is funded by the Fonds de recherche du Québec - Santé (FRQS).

The researchers at CRReSP come from seven faculties of the Université de Montréal : École de santé publique de l'Université de Montréal (ESPUM), the Faculté des arts et des sciences (FAS), the Faculté de médecine vétérinaire (FMV), the Faculté de médecine (FM), the Faculté des sciences infirmières (FSI), the Faculté de pharmacie (FP), and Polytechnique Montréal.

## MISSION

The mission of CRReSP is to generate relevant, cutting-edge knowledge to inform population health issues and support evidence-based public health initiatives that promote health and reduce the burden of illness. CRReSP leads innovative research meeting the highest standard of scientific rigor, ethics and equity. In doing so, it contributes to the improvement of public health practices and to the transformation of research methods while training the next generation of public health researchers and experts.

## VISION

The vision of CRReSP is to provide Québec society with a research center which develops knowledge on the factors that influence and impact the burden of disease and their solutions, in close collaboration with an organization that implements these solutions, the CCSMTL, and with its partners.

## SCIENTIFIC DIRECTION

The scientific director of the CRReSP is Louise Potvin, Ph.D. Dr Potvin is a full professor in the Department of social and preventive medicine at ESPUM, and the holder of the Canada Research Chair in Community Approaches and Health Inequalities (CACIS).

More information

[cresp.ca](http://cresp.ca)



## RESEARCH AXES

### Axis 1 : Environment, settings and health

Focuses on the environmental, psychological and socioeconomic conditions that shape health, and in the interactions between these determinants. This area of research highly contributes to public health in Québec by supporting the elaboration of public policies and programs. It allows the translation of research into action to improve the health of local populations while providing knowledge on contributing factors and interventions, applicable to a broader context.

### Axis 2 : Health care systems and public health

Addresses the full continuum of health system delivery, from determinants of health to health policies and services. With the Triple Aim goals at its core, this field of study identifies population health, patient experience and health system efficiency as its main research results. As part of a learning system in Québec, research is carried out in collaboration with the main partners responsible for these systems in order to translate results back into the organization to support innovation.

### Axis 3 : One World, One Health

Implements collaborative approaches to address health issues and to understand their historical context, the multiplicity of determinants and all of the institutions involved in finding solutions. It is with the help of advanced technologies and the expertise of public health actors and of CReSP researchers that it will be possible to gain a better understanding of food systems in constant evolution and their consequences on every public health aspect in order to propose better interventions. An approach that respects both the One Health concept and the importance of the social, political and cultural context leads to the implementation of methods adapted to complex systems.

## RESEARCH - PRACTICE NETWORKING

The strategic objective of this approach is to support frequent and regular exchanges between researchers from all relevant disciplines and public health experts, as well as their partners, in order to develop shared visions that inform research, knowledge co-creation, practice and public policy.

## THE “ONE HEALTH” APPROACH

The innovative and multisectoral vision of public health, based on the “One Health” approach, provides the means to assess the influence of behavioural, sociodemographic, environmental, agricultural, economic and political determinants on human, animal and environmental health, well beyond national borders.

## PARTNERSHIPS

The CReSP promotes collaboration between research and practice through its close ties to Montréal's regional public health department (DRSP) and the CCSMTL, its partnerships with the Institut national de santé publique du Québec (INSPQ), the Institut national d'excellence en santé et en services sociaux (INESSS) and the Public Health Agency of Canada (PHAC).

## STUDENT COMMUNITY

The CReSP offers its student community the opportunity to evolve in an interdisciplinary environment based on collaboration with researchers from many different areas and research specializations but also with experts from public health organizations. Between April 1st, 2021 and March 31st, 2023, 595 graduate students and postdoctoral fellows were supervised by members of the CReSP.





## KNOWLEDGE TRANSFER AND VALORIZATION

Between April 1st of 2021 and March 31st of 2023, CReSP has organized 36 scientific events aimed at specialized audiences or the general public. These events are mostly co-organized with research chairs and laboratories affiliated to CReSP, partners as well as institutions and research groups with whom our members collaborate or are affiliated with. It is through conferences, scientific events and master classes that CReSP supports continuous exchanges between research, practice and citizens. Their main goal is to convey common visions that inspire research, the co-creation of knowledge, practice, public policies and citizen life.

CReSP organized the first and second editions of its Scientific Conference. This annual event spotlights different profiles and expertise fields, offering a plurality of point of views. Organized by and for the student community, it proposes sessions that align with their research interests while also allowing them to participate through oral presentations, posters, debates and even symposiums alongside researchers and experts engaged in public health practice.

Our researchers presented a series of conferences as part of the Midis des Savoirs de la DRSP. This joint initiative between CReSP and the DRSP aims to bring research and practice together by showcasing research developed at CReSP while facilitating networking between the two organizations. The choice of themes addressed follows the priority issues identified by the DRSP.

During the first edition of the Summer Institute on Sustainable Health Systems organized by CASCADES, ELESH (Emerging Leaders for Environmental Sustainability in Healthcare) and the CIHR (Canadian Institutes of Health Research) held from June 20

to 23, 2022, CReSP was the partner for the organization of the Montréal hub. This institute allows participants to acquire skills and leadership capacities while building a network of people interested in sustainable health systems.

The connection between research and practice was at the heart of the Centre's activities, namely through an ENGAGEMENT program led by Claude Amiot and Annie Pullen Sansfaçon, researcher at CReSP, and the general public dissemination project Faut qu'on se parle du langage, developed by Mélissa Di Sante, postdoctoral fellow, as part of the DIALOGUE program. These two projects funded by the Fonds de recherche du Québec represent well the added-value of initiatives taking place outside university walls.

In order to support decision and policy-making, CReSP presented a memoir as part of the public consultation Stratégie québécoise de la recherche et de l'innovation (SQRI) 2022. This project was able to identify best practices, innovative solutions and research areas that favor wealth creation from research activities in Québec

# CRESP IN NUMBERS

# 3 research axes



### CReSP logo



**Human**  
The oval on the top drop represents the human head. Red symbolizes blood.



**Plants and environment**  
The line on the inside of the green drop and its color represent foliage.



**Animals**  
The two lines on the inside of the drop can symbolize both a wing or a paw. Orange evokes the fur of mammals or the feathers of birds.



**CReSP**  
The blue color emphasizes the importance of water to the health of three elements that make up the logo.

## FLAGSHIP PROJECTS

### Axis 1 : Levelling the playing fields

Katherine Frohlich



The result of a collaboration between CReSP, the Centre d'écologie urbaine de Montréal (CEUM) and ESPUM, the project "Levelling the playing fields" aims to create safe and friendly spaces to stimulate free play in an urban environment.

The scientific team of the project is coordinated by Katherine Frohlich and funded by the Canadian Institutes of Health Research (CIHR). "Levelling the playing fields" also benefits from the support of the City of Montréal (Diversity and Social Inclusion Fund for Vulnerable Children and Families).

### Axis 3 : Development and validation of a measuring tool for the consumption of ultra transformed foods in Canada

Jean-Claude Moubarac



The main goal of this project deployed by Jean-Claude Moubarac is to elaborate and validate a measuring tool for the consumption of ultra transformed foods and drinks that can be integrated in current monitoring and cohort studies, as well as in clinical practice and public health action. The project is funded by the CIHR and ongoing since February 2021. The research team includes one of our expert members, Éric Robitaille, researcher at the INSPQ, and several members of our student community.

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### Axis 2 : Clinic Mauve : Scaling-up and evaluating integrated services to 2S/LGBTQI+ Indigenous, racialized and migrant communities in Montréal

Edward Ou Jin Lee



The University of Montréal and CReSP launched in April of 2022 a research project to evaluate an innovative health clinic designed to answer the needs of migrant and racialized communities identifying as part of the LGBTQI+ communities : "Clinique Mauve". Edward Ou Jin Lee leads this project funded by MAP Centre for Urban Health Solutions and Staples Canada as part of their

joint initiative Even the Odds. First of its kind, the Clinique Mauve was launched in Montréal in 2020, through an initial grant from the Foundation for Advancing Family Medicine of the College of Family Physicians of Canada.

### Interaxial : What is the resilience of public health systems, hospitals and their staff to the COVID-19 pandemic?

Kate Zinszer



This project led by Kate Zinszer, was funded in 2020 by the CIHR and aims to understand the resilience of hospitals and their staff linked to public health institutions in Canada, China, Brazil, France and Mali faced by the COVID-19 pandemic. Resilience refers to their ability of adaptation and transformation to maintain access to quality health care for everyone during such a crisis. Lara Gautier and Patrick Cloos, both researchers at CReSP, are part of the project's international and interdisciplinary team.

## FUNDING

The regular research members from CReSP conducted more than 447 research projects between April 1st, 2021 and March 31, 2023. These projects rely on a strong multi-faculty, interaxis collaboration, and often benefited from the participation of experts from provincial, national and international public health organizations.

The following grants are linked to regular research members from CReSP as principal investigator or co-investigator. The student scholarships are included in the "Others" section.

	Number of projects	Amount of funding
<b>Axis 1</b>	223	108 964 164 \$
<b>Axis 2</b>	109	53 855 562 \$
<b>Axis 3</b>	115	89 549 281 \$
<b>Total</b>	<b>447</b>	<b>256 189 770 \$</b>

Type of grants	Amount
Research grants	
FRQS	15 063 621 \$
FRQSC	13 950 203 \$
FRQNT	10 028 442 \$
IRSC	128 039 088 \$
CRSH	8 577 855 \$
CRSNG	11 350 639 \$
Total	187 009 848 \$
Research contracts	992 261 \$
Research chairs	600 000 \$
Salary scholarships	717 551 \$
Others	699 672 \$

## SCIENTIFIC PUBLICATIONS

These numbers cover the period from January 1st, 2021 to March 31, 2023.

Type of publications	Number of publications
Journal Articles	638
Conference papers	68
Book chapters	47
Books	25
<b>Total</b>	<b>778</b>



## OUTREACH

CReSP researchers are leaders in a wide variety of public health fields. They have received numerous awards, honors and distinctions, and have continued to contribute to scientific committees, expert groups, scientific events, peer-review committees, and journal editorial committees, at the provincial, national and international levels. Between January 1st, 2021 and March 31, 2023, we can count a total of 837 participations in conferences of which 428 as a guest speaker. In addition, CReSP members hold 13 research chairs, including seven Canada Research Chairs, two Observatories and one World Health Organization Collaborating centre.

### **At a glance : CRI-JaDE**

*In November 2022, the University of Montréal announced the creation of a new interdisciplinary research center on intersectional justice, decolonization and equity (CRI-JaDE). This research center is a notable and groundbreaking initiative that promotes support and knowledge sharing in terms of methodology and conductive practices for equity, diversity and inclusion (EDI) and decolonization. Our member Annie Pullen Sansfaçon is involved as co-director (with Isabelle Archambault) while Edward Ou Jin Lee, Malek Batal and Sarah Fraser are part of the scientific committee. The CRI-JaDE has the specificity of being the result of a collaborative construction including a diversity of people with various life backgrounds, positions and research interests. This center strives to be a space where ideas, practices and knowledge can be shared, in order to contribute to the production and mobilization of knowledge as well as to social, political, structural and institutional change.*

