

## Postdoctoral fellowship in epidemiology and public health

*Joint offer with 2 research projects : EXIST (France) and INTERACT (Canada)*

### Context

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This postdoctoral fellowship is a joint proposal to work on the **EXIST (France, University of Lorraine)** and **INTERACT (Canada, University of Montreal)** projects. We are looking for a post-doctoral fellow with a good understanding of health determinants, good writing and data analysis skills. The workload will be distributed 50% on each project.

**EXIST** is a research project aimed at producing an in-depth understanding of the origin of social inequalities associated with tobacco in adolescent populations, by taking into account the multiple determinants of smoking, in particular the interaction of environmental characteristics (social, physical and structural ) and individual ones (socioeconomic, psychological, behavioral, etc.), and their evolution over time. More specifically, the objectives of the project are (i) to better understand the mechanisms underlying the increase in inequalities linked to smoking during adolescence; and (ii) assess the effectiveness of tobacco prevention interventions implemented within the framework of public health policies, on adolescent smoking behavior while exploring their role in increasing these inequalities.

**INTERACT** ([www.equipeinteract.ca](http://www.equipeinteract.ca)) is an intervention research project investigating the impact of urban interventions on health and social inequalities in health. In particular, this postdoctoral fellowship is part of the **gentrification component of the project**, which seeks to better understand the links between urban investments, gentrification, and population health in Montreal. The fellow will contribute to more theoretical work on the mechanisms linking revitalization, gentrification and health, and to empirical analyzes with cohort data and environmental data in Montreal.

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### Primary Responsibilities

**For EXIST**, the postdoctoral fellow will be responsible for carrying out a literature review to identify all the determinants of smoking behaviors in adolescence.

This work will be carried out under the scientific direction of Laetitia Minary, researcher in epidemiology and principal investigator of the EXIST project. The postdoctoral fellow will also work in close collaboration with the researchers of the project, from different disciplines (epidemiology, psychology, sociology, geography, etc.) and approaches.

In collaboration with the interdisciplinary team of the project, the recruited person will :

- Carry out a review of scientific articles in various scientific documentation databases;
  - Carry out the selection of articles;
  - Analyze the content of the articles using a grid that he or she will have developed;
  - Organize scientific exchanges with researchers to interpret the data;
  - Participate in the writing of scientific articles.
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**For INTERACT**, the post-doctoral fellow will be responsible for producing analyzes and drafting articles on INTERACT data, particularly on the Gentrification component.

This work will be carried out under the scientific direction of Yan Kestens, researcher and principal investigator of the INTERACT project. The fellow will work with a multidisciplinary team, bringing together researchers, postdoctoral fellows, students and knowledge users working on urban transformations and their impacts on health and equity.

In collaboration with the interdisciplinary team, the recruited person will:

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- Contribute to writing an article on the links between urban investments, gentrification and health
  - Carry out empirical analyzes and scientific articles on the links between the implementation of interventions on the built environment (bike paths, greening, place making, etc.) and physical activity, social connections and well-being, while considering the phenomenon of gentrification
  - Work to consolidate links with local partners (City of Montreal, Tables de Quartiers, Public Health, etc.) on these issues
  - Help supervise students and interns
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## Profile

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- Doctoral degree in epidemiology, public health or equivalent.

## Qualifications

- Experience in conducting systematic reviews
- Experience in writing scientific articles
- Research work experience in the field of public health
- Analytical and critical skills
- Excellent writing skills in English and French
- Experience in epidemiological analysis
- Interest and experience in spatial analysis an asset

### **Know-how**

- Autonomy
- Rigor / Reliability
- Sense of teamwork
- Ability to adapt and take initiative
- Responsiveness
- Sense of confidentiality

### **Contract**

- 1 year full-time, renewable (3 month trial period)
- Based in Nancy or Montreal
- Laboratoire EA 4360 APEMAC, Faculté de Médecine, Vandoeuvre-Lès-Nancy  
SphereLab, Centre de Recherche du CHUM & École de Santé Publique de l'Université de Montréal

### **How to apply**

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A motivation letter and CV must be sent to Dr. Laetitia Minary (EA 4360 APEMAC- Faculté de médecine - 9 avenue de la Forêt de Haye - 54500 Vandœuvre-Lès-Nancy) and Dr. Yan Kestens  
Emails: [laetitia.minary@univ-lorraine.fr](mailto:laetitia.minary@univ-lorraine.fr)  
[yan.kestens@umontreal.ca](mailto:yan.kestens@umontreal.ca)

Deadline for submission: **March 28th 2021**

Interviews will be conducted with chosen candidates mid-April.