

PhD student in Epidemiology

The Population Health Laboratory [#PopHealthLab](#) is dedicated to train the next generation of population health scientists, and to conduct research activities for informing public health stakeholders and citizens. The [#PopHealthLab](#) offers a lively and interdisciplinary – life course epidemiology, social and behavioral sciences, data science, health equity, population health monitoring, public health policy – environment at the University of Fribourg, within the networks of the Swiss School of Public Health [SSPH+](#) and of international scholars.

We are seeking a PhD student in Epidemiology to join the [#PopHealthLab](#) and work on research funded by the Swiss National Science Foundation ([grant 10002347](#)). The principal investigators are [Dr. Cristian Carmeli](#), [#PopHealthLab](#), and [Prof. Philippe Wanner](#), Institute of Demography and Socioeconomics of the University of Geneva. The research aims to measure trends of health inequalities before and during the COVID-19 pandemic in Switzerland, using population-based administrative registers, and contemporary methods for descriptive and causal inference from observational data. The student will quantify trends of socioeconomic inequalities in infant mortality and other adverse birth outcomes under the supervision of Dr. Cristian Carmeli, and collaborate with Prof. Wanner and other scholars from CH and UK.

Duties and responsibilities

- Prepare and analyze population-based register data
- Conduct reproducible research and manage the database
- Write manuscripts for peer-reviewed journals
- Disseminate research findings at national and international conferences
- Support the [#PopHealthLab](#) in teaching and research activities

Qualifications and skills

- Master degree in epidemiology, demography, economics, or other related training in quantitative population and social sciences
- Earnest interest in health inequalities, epidemiology, and public health
- Experience with R statistical software
- Collaborative, self-motivated, and meticulous
- Excellent oral and written communication in English (German or French is a plus)

The position is available from 1st April 2025, with flexible starting date. Duration of contract is for 3 years, with a possibility of extension over a 4th year.

Additional information – The salary is according to the full-time standards of the Swiss National Science Foundation. The student will have access to the training courses of the SSPH+. For any questions about the research and the position, please contact Dr. Cristian Carmeli.

How to apply – Send a letter of motivation and curriculum vitae in one PDF file to Dr. Cristian Carmeli by email (cristian.carmeli@unifr.ch). Deadline: November 30, 2024.