

PhD Student in Clinical Epidemiology and Biostatistics

100 %

The Institute of Primary Health Care of the University of Bern (BIHAM) is dedicated to train and foster the next generation of primary care physicians and to carry out research in primary health care, epidemiology, and public health. The BIHAM offers a lively, interdisciplinary environment with excellent methodological support and access to a large network of practicing primary care physicians.

We are looking for a PhD Student in Clinical Epidemiology to join the research team of the BIHAM (www.biham.unibe.ch) and work on the research project “Preventive care in type 2 diabetes: improving risk prediction among older and multimorbid adults and assessing the effects of novel anti-diabetic drugs” under the guidance of Dr. Cinzia Del Giovane PhD (Head of Statistics and Research Methodology at the BIHAM) and Dr. Baris Gencer, MD, MPH (Deputy Director of the BIHAM). The overarching goals of this project are a) to improve risk prediction of cardiovascular disease (CVD) and mortality among multimorbid older adults with type 2 diabetes (T2D) by using data from multiple cohort studies and b) to compare the benefits and harms of novel anti-diabetic drugs in reducing the risk of CVD and chronic kidney disease in adults with T2D by using the network meta-analysis methodology and clarify the controversial impact on retinopathy. The results from this project will help physicians to personalize management of T2D and guideline developers to better tailor recommendations. The project is funded for around 3 years by the Swiss National Science Foundation (SNSF) (PI: Dr Cinzia Del Giovane). The project is built on a broad scientific collaboration among a multidisciplinary team of national and international researchers, including epidemiologists, clinicians, biostatisticians, public health experts, pharmacoepidemiologists, all with expertise and relevant experience in the field of this project.

Duties and responsibilities

- Analyses data from large dataset
- Write papers for peer-reviewed journals
- Contribute to protocol writing and submission to peer-reviewed journals
- Assist your supervisors in various scientific and administrative activities

Qualifications and skills

- Highly motivated student with a strong interest for epidemiology
- Holding a master degree in epidemiology, biostatistics, life science, medicine or any degree considered as equivalent
- Highly comfortable with statistical analyses (use of Stata or R is a plus)
- High level of English proficiency, German would be a strength

After the PhD training the student will have learned skills in clinical epidemiology, will be able to continue an academic carrier as post-doc and conduct epidemiological studies.

The post is available from January 2022, with negotiable starting date, and offered for 3 years. The PhD stipend is according to SNSF standards (current scale:www.snf.ch/SiteCollectionDocuments/allg_doktorierende_e.pdf).

The BIHAM offers an international and interdisciplinary environment, closely related to the Institute of Social and Preventive Medicine (ISPM; www.ispm.unibe.ch) and Clinical Trial Unit (www.ctu.unibe.ch) in Bern. PhD students have access to the courses proposed by the Swiss School of Public Health+ (SSPH+; www.sspplus.ch).

It encourages independence and flexible working models. For further information on the position, contact Dr. Cinzia Del Giovane, cinzia.delgiovane@biham.unibe.ch. Please send your application including a letter of motivation and curriculum vitae to Human Resources administration: hr@biham.unibe.ch. Applications are considered until November 17th, 2021.