

As German Research Center for Environmental Health, Helmholtz Zentrum München pursues the goal of developing personalized medical approaches for the prevention and therapy of major common diseases such as diabetes mellitus, allergies and lung diseases. To achieve this, it investigates the interaction of genetics, environmental factors and lifestyle.

The Institute of Epidemiology (EPI) assesses genetic, environmental and lifestyle risk factors which jointly determine the occurrence of major chronic diseases. We focus on the development and progression of metabolic, respiratory and allergic diseases, as well as heart diseases and mental health. Our goal is to better understand the molecular underpinning of disease and to translate this knowledge into personalized approaches of prevention as well as policies to improve health. Our research builds on the unique resources of the KORA cohort and the birth cohorts GINI and LISA. We also play a central role in planning and setting up of the German National Cohort (GNC) and build the GNC biorepository.

At the next possible time the EPI is looking for a

PhD Student (f/m/d) - Epidemiology^{2018/0577}

Job Description

- You will join a highly motivated research team in epidemiologic research, exploiting, among other resources, the large data bases of the German National Cohort and the KORA cohort
- You will be supervised by experienced, and advanced scientists of the Institute of Epidemiology
- You will have the chance to initiate or join collaborations with partners inside or outside the Helmholtz-Centre
- You will participate in the Helena PhD Program of the Helmholtz Zentrum München and graduate from the LMU at the Chair of Epidemiology held by Prof. Peters
- You will be able to participate in individual courses and / or PhD Programs at the LMU and TUM.
- You will have the opportunity to join German Centres for Health Research, and benefit from

Our Offer

At the Helmholtz Zentrum München, you can contribute together with leading researchers to the investigation of the development, prevention and treatment of environmental diseases such as diabetes, chronic lung diseases and allergies. In order to further promote your professional development, we offer extensive and targeted research training and career programmes. We support the reconciliation between work and private life with flexible working time models, occupational health management, day care facility for children, a childcare subsidy, Elder Care, as well as other counseling and support services.

Remuneration and benefits are in accordance with the collective agreement for the public service (EG 13 50% TV EntgO Bund). In addition, there is also the possibility of granting an allowance amounting to 15% if the necessary conditions are fulfilled.

their respective resources and networks -
Epidemiological research using German National Cohort and KORA Cohort data

- You will supervise master students and work in close interaction with data managers

Your Qualifications

- Excellent Masters or Diploma degree in Epidemiology, Public Health or related subject or equivalent experience and qualification
- Excellent letter reference by former supervisor
- Statistical expertise including state-of-the-art and innovative methods (such as causal inference or machine learning, or others)
- First experience with meta-analysis and / or large complex data-sets
- Passion for epidemiological research in multidisciplinary teams

The position is (initially) limited to three years.

The activity involves special knowledge and experience specific to own scientific skills.

As a holder of the Total E-Quality Award, we promote equality of opportunity. Applications from women are welcome. Qualified applicants with physical disabilities will be given preference.

We are looking forward to receiving your comprehensive online application in one pdf file until Feb 17th 2019.

[Apply now](#)

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Institute of Epidemiology
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The award highlights
our commitment of
gender equality.

www.helmholtz-muenchen.de/en

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