LMU LUDWIG-MAXIMILIANS-UNIVERSITÄT MÜNCHEN
MEDIZINISCHE FAKULTÄT
INSTITUT FÜR MEDIZINISCHE INFORMATIONSVERARBEITUNG, BIOMETRIE UND EPIDEMIOLOGIE - IBE
LEHRSTUHL FÜR EPIDEMIOLOGIE

Ludwig-Maximilians-Universität (LMU) München is a leading research university in Europe. Since its founding in 1472 it has been committed to the highest international standards of excellence in research and teaching.

The Faculty of Medicine, Institute for Medical Information Processing, Biometry, and Epidemiology, Department of Epidemiology of the LMU München is looking for a

Phd candidate (f/m/x)
Epidemiology of Cardiometabolic Disease
65% of the regular weekly working time

The position is initially limited to 3 years.

About us
The Chair of Epidemiology at the Faculty of Medicine of the LMU München is led by Prof. Dr. Annette Peters, who is also Director of the Institute of Epidemiology at Helmholtz Munich (https://www.helmholtz-munich.de/en/epi). We work with data from large population-based cohorts to investigate prevalence and risk factors of common diseases to improve personalized risk prediction, prevention and treatment. In this context, we are currently evaluating the performance of medical imaging data within the NAKO cohort (https://pubmed.ncbi.nlm.nih.gov/36260190/).

Your tasks and responsibilities

- You conduct statistical analyses of population-based data, including imaging-derived data
- You identify relevant hypotheses and research questions
- You write scientific manuscripts for publication in international, peer-reviewed journals
- You collaborate and communicate with an inter-disciplinary team (physicians/clinicians, epidemiologists, computer scientists, statisticians)
- You support the supervision of Master's theses and research internships

Your qualifications

Required
- Excellent Master's degree or comparable qualification in epidemiology,
- (bio-)statistics, data science, medicine/public health with strong quantitative focus, or comparable discipline.
- Excellent knowledge of basic statistical methods (e.g. descriptive statistics, hypothesis testing, regression modeling)

- Very good command of at least one statistical computing software, preferably R.
- Very good command of English language (written and spoken)
- First experience with the analysis of an epidemiological data set

Beneficial

- Experience with population-based data and/or large data sets
- Experience with advanced statistical methods, e.g. regularization, clustering, mediation
- Experience with scientific writing and publishing

We offer

Our institute is highly recognized internationally in the field of population-based epidemiology. We offer you the opportunity to be part of a multidisciplinary, motivated team seeking to promote cardiometabolic health in the population. The NAKO cohort is the largest population-based study in Germany, providing a unique and valuable data resource for your research. Our working environment is characterized by collaboration, support, and personal development.

We offer highly flexible work hours and the option for hybrid work. Besides your affiliation with LMU, you will be able to enroll in Helmholtz Munich's Graduate School Environmental Health for further scientific training (https://www.helmholtz-helena.de/).

Your workplace is located on the Helmholtz Munich Campus in Neuherberg. Compensation is according to tariff TV-L 13.

Candidates with disabilities who are essentially equally as qualified as other applicants will receive preferential treatment. There is the possibility of part-time employment.

Contact

Please send your application documents to Dr. Susanne Rospleszcz, Susanne.rospleszcz@ibe.med.uni-muenchen.de until February 28, 2023. Documents should include

- A cover letter describing your motivation to apply for this position
- A CV (with publication list, if available)
- A transcript of records from your Master's degree
- Names and contact details of two references (can be included in the cover letter)

In the course of your application for an open position at Ludwig-Maximilians-Universität (LMU) München, you will be required to submit personal information. Please be sure to refer to our LMU Privacy Policy (https://www.lmu.de/en/footer/privacy-disclaimer/index.html). By submitting your application, you confirm that you have read and understood our data protection guidelines and privacy policy and that you agree to your data being processed in accordance with the selection process.