Universitätsmedizin Göttingen, 37099 Göttingen
Zentrum Informatik, Statistik und Epidemiologie, Institut für Genetische
Epidemiologie, Prof. Dr. H. Bickebőller, Humboldtallee 32, 37073 Göttingen

Zentrum Informatik, Statistik und Epidemiologie
Institut für Genetische Epidemiologie
Direktor/in: Prof. Dr. Heike Bickebőller

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Aktenzeichen
August 2024 **Datum**

The Department of Genetic Epidemiology has an opening for the position of

Scientific researcher (statistician – f/m/d)

in the development of statistical methods and the supervision of genetic epidemiological studies, DFG-Project Understanding Hippocampal Neuroplasticity in Schizophrenia by Targeting Molecular Pathways Through Physical Exercise Training (PsychTrain) with Prof. Falkai, LMU Munich. The position is to be filled *1 January 2025*, full-time (part-time negociable) and is initially temporary for 2 years (remuneration according to the German TV-L tariff contract).

The development of statistical methods is envisaged above all in the field of genome-wide association or longitudinal studies as well as in the field of integrating various omics data. A focus lies on kernel procedures or other procedures in the combined analysis of genes, biological pathways including network structures, as well as gene-gene and gene-environment interactions. Within the framework of co-operations in the Campus Institute of Data Science (CIDAS), additional techniques such as Bayes methods, mixed models, and machine learning approaches are considered. We conduct genetic epidemiological studies for example on lung cancer within the framework of the International Lung Cancer Consortium, on the longitudinal course of psychoses in the PsyCourse Network (like PsychTrain, as well as on haematopoietic stem cell therapy in co-operation with international partners.

We teach in the degree courses of human medicine, molecular medicine, and applied statistics. Candidates will be expected to be able to participate in **teaching in German**.

Where applicable, the successful candidate will be provided the opportunity to complete a doctorate or the German postdoctoral qualification of "habilitation" with structured tuition in statistics. The conditions of acceptance onto the doctorate degree programme "human sciences in medicine" are to be adhered to where applicable.

Candidates are required to have completed a university degree in statistics at Master´s level, mathematics, informatics, physics, chemistry, or medicine with a sound education in statistics at Master´s level equivalent to the teaching of statistics offered to degree students in mathematics, as well as the volition to work in an interdisciplinary environment. Proficiency in genetic epidemiology will be advantageous though not specifically required. You will be expected to have the necessary advanced skills in relevant statistical analysis software packages (SAS, R). A sound knowledge of informatics is particularly helpful. A degree of written and spoken fluency in both German and English is essential.

University Medical Centre Göttingen aims to increase the proportion of women in areas in which they are under-represented. Applications from qualified women are therefore particularly encouraged. Preference will be given to applications from disabled persons in the case of equal aptitude.

Questions to Prof. Heike Bickebőller (0551-39-65021, email below) or Dr. Albert Rosenberger (0551-39-65024, email arosenb@gwdg.de).

Application deadline: 23 September 2024

Please send your application to:
University Medical Centre Göttingen
Institute for Genetic Epidemiology
Prof. Dr. Heike Bickebőller
Director of the Institute for Genetic Epidemiology
Humboldtallee 32, 37073 Göttingen
Email: hbickeb@gwdg.de

Please submit all your application documents in PDF format exclusively by email.