

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

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

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**Aktenzeichen**  
January 2023 **Datum**

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

**Scientific researcher (statistician)**

in the development of statistical methods and the supervision of genetic epidemiological studies, to be filled **at the earliest date possible**. The position is part-time (75 % full-time) 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 and the OncoArray Network, on the longitudinal course of psychoses in the PsyCourse Network, 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 postdoctoral "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, mathematics, informatics, physics, chemistry, or medicine with a sound education in statistics on a 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 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.

**Application deadline: January 25<sup>th</sup> 2023**

**Please send your application to:**

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Prof. Dr. Heike Bickeböllner  
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**Please submit all your application documents in PDF format exclusively by email.**