



The Institut für Medizinische Statistik of the University Medical Center Göttingen is looking for a new position for the earliest start date

## Research Associate / PhD candidate

part time, 25,025 hours per week, 31.10.2028

Within the Faculty of Medicine and at the 'Göttingen campus', the Department of Medical Statistics (Chair: Professor Tim Friede) offers a statistical advisory service and teaching in the fields of biostatistics as well as bioinformatic analysis of clinical and genomic data. Members of the Department also conduct research in the fields of adaptive designs of clinical trials, meta-analysis/evidence synthesis, survival analysis, clinical epidemiology, and computational statistics.

Our department participates in CAIMed - the Lower Saxony research center for artificial intelligence (AI) and causal methods in medicine, which is funded by the Ministry of Science and Culture of Lower Saxony with funds from the program *zukunft.niedersachsen* of the VolkswagenStiftung. CAIMed develops innovative methods for improved, personalized healthcare and contributes to the management of widespread diseases such as cancer, cardiovascular diseases, and

UNIVERSITÄTSMEDIZIN  
GÖTTINGEN **UMG**

The University Medical Center Göttingen (UMG) unites the Medical Faculty of the Georg-August University and the University Hospital in an integration model. With around 9,700 employees, the UMG and its subsidiaries are one of the largest employers in the region. Our clinics and institutes stand for high-quality patient care, excellent research, modern teaching and transfer of innovative technology.

Göttingen as a city of science is located in the center of Germany and the University Medical Center Göttingen is integrated into an attractive network of university and non-university scientific institutions.

Our goal as University Medical Center Göttingen is professional equality for all genders. We strive to equalize the gender ratio in areas where there is underrepresentation. The University Medical Center Göttingen is particularly committed to the professional participation of severely disabled people and therefore welcomes applications from severely disabled people. In the case of equal suitability, applications from severely disabled persons will be given preferential consideration in accordance with the relevant regulations. We kindly ask you to indicate a disability/equal status in your letter of application in order to safeguard your interests.

infections. We are looking for a research associate to support the group “Statistical Evidence in AI Systems” working on the development of evidence synthesis procedures based on causal inference, counterfactual methods, explainability, uncertainty quantification, and/or federated learning.

## Your tasks

- Contribution to the development of statistical methods
- Implementation of new methods in statistical software (preferably in R)
- Publication of results and their presentation at scientific conferences
- Support in writing reports to the funding organisation

## Your qualifications

- Master's degree (or equivalent) in Statistics, Mathematics, Biometry, Bioinformatics, or a related field
- Strong interest in the development and application of statistical and AI methods in medical research
- Solid background in statistical modeling and data analysis
- Basic knowledge in causal inference, explainable AI, or uncertainty quantification
- Good programming skills, preferably in R; experience with Python or other languages is an asset
- High motivation, creativity, and ability to work both independently and in a multidisciplinary team
- Good written and spoken English; knowledge of German is an advantage but not required

## We offer

- A challenging job in a multidisciplinary, co-operative team within the CAIMed consortium
- Diverse possibilities of internal and external professional training

**We look forward to receiving your application!**

**Apply Now**

**Universitätsmedizin Göttingen**  
**Institut für Medizinische Statistik**  
 Dr. Judith Heinz

Humboldtallee 32  
 37073 Göttingen

<https://medstat.umg.eu/>

