



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

Research Associate / Postdoc (f/m/d)

full time, 38,5 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

- Development of novel statistical methods
- Implementation of new methods in statistical software (preferably R)
- Publication of results and their presentation at scientific conferences
- Contribution to reports for the funding organisation
- Co-supervision of PhD student
- Independent preparation and acquisition of research grants

Your qualifications

- Doctoral degree (PhD or equivalent) in Statistics, Mathematics, Biometry, Bioinformatics, or a related field
- Strong background and research interest in statistical methodology for causal inference
- Profound knowledge in AI systems
- Proven research track record in the development or application of statistical methodology for evidence synthesis, causal inference, and/or AI systems
- Excellent programming skills, preferably in R and/or Python
- High proficiency in English (written and spoken); proficiency in German is an advantage
- High level of motivation, ability to work in a team, proactive personality, scientific curiosity, and willingness to learn
- Experiences in grant writing are welcome

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

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Institut für Medizinische Statistik
 Dr. Judith Heinz

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