UNIVERSITY MEDICAL CENTER GÖTTINGEN : UMG

The University Medical Center Göttingen (UMG) is pursuing the consistent further development of its profile-building research foci in neurosciences, cardiovascular medicine, and oncology with translational approaches, among others, as a partner location of the health research centers German Center for Cardiovascular Research (DZHK), German Center for Neurodegenerative Diseases (DZNE), and German Center for Child and Adolescent Health (DZKJ). The UMG is closely networked with the natural and life sciences faculties of the university and non-university institutions at the Göttingen campus. In the field of data science and informatics, the UMG cooperates closely with the Campus Institute Data Science (CIDAS) of the university and is part of the Lower Saxony Research Center for Artificial Intelligence and Causal Methods in Medicine (CAIMed). CAIMed links Lower Saxony's locations in methodological AI research, data-intensive medicine, biomedical informatics, and medical basic research into a unique research association for AI and personalized medicine.

The Institute of Medical Statistics at the UMG is seeking to fill a

University Professorship
(m/f/d)

in Statistics with a focus on causal methods in medicine
(Salary group W1 on a temporary basis, tenure track W2)

starting June 1, 2025. The appointment will initially be for three years. Upon positive interim evaluation, the employment relationship will be extended by another three years. A transfer to a permanent professorship (W2) without a call for applications will take place after a positive evaluation of the junior professorship in the fifth year.

CAIMed is creating 13 interdisciplinary junior research groups in the clusters "AI and Semantics," "AI and Decisions," "AI and Active Substances," and "AI and Signals" to address current research and application questions.

The professorship includes the establishment and leadership of a working group in the CAIMed cluster "AI and Semantics" with a focus on "Statistical Evidence in AI Systems" at the Institute of Medical Statistics.

Your tasks:
- Establish and lead the junior research group "Statistical Evidence in AI Systems"
- Develop, investigate, and apply methods for causal inference and the evaluation of artificial intelligence
- Close and structured networking with other working groups at the UMG, especially in the field of cardiovascular medicine, as well as with other CAIMed locations
- Involvement in university teaching and supervision of students

Requirements:

- Outstanding doctorate in statistics, mathematics, or a related field with strong quantitative components
- At least a limited phase of independent scientific work in the field of statistics or data science after the doctorate
- Experience in the development and application of methods for causal inference and the evaluation of artificial intelligence
- Above-average publication profile
- Willingness to engage in interdisciplinary scientific collaboration
- Willingness and ability to competitively acquire third-party funded research projects

This announcement is aimed at candidates in an early phase of their scientific career who, after an outstanding doctorate, are in the process of developing an independent scientific profile.

The employment requirements for junior professors are derived from § 30 of the Lower Saxony Higher Education Act in its current version. The UMG has the right to appoint.

Applications from scientists from abroad are expressly welcome.

UMG aims to increase the proportion of women and therefore explicitly encourages qualified women to apply. Severely disabled persons are given preferential consideration if they are equally qualified.

Please submit your application documents online by November 28, 2024, via the following link: https://www.umg.eu/ueber-uns/medizinische-fakultaet/geschaeftsfuehrung-zustaendigkeiten/berufungen/

If you have any questions, please feel free to contact us at: Berufungen(at)med.uni-goettingen.de