

2 Research Scientists (m/f/d) Biomathematical Modeling (7578) - IMISE

Full-time, limited to 36 months (flexible, family-friendly working hours - part-time possible, third-party funding) - TV-L EG 13

Entry date: as soon as possible

The Institute of Medical Informatics, Statistics and Epidemiology (IMISE) is an institution of the Faculty of Medicine at the University of Leipzig and has expertise in biometrics, epidemiology, clinical trials, medical informatics, hospital information systems, genetic statistics and modeling, and ontology.

Challenges

- Independent data analysis, processing and model building
- Application of machine learning or artificial intelligence (AI) methods
- Scientific publication of the results
- Interdisciplinary working environment for mathematical modeling of biological and epidemiological processes in combination with the use of modern AI methods
- Possibility to work on a PhD
- Very good opportunities to build up your own research profile

Your Profile

- Completed academic degree (M.Sc./Diploma/Magister) University degree (M.Sc./Diplom/Magister) in the fields of (bio)computer science, (bio)mathematics, (bio)physics or comparable fields of study
- Good knowledge of statistics
- knowledge in the field of mathematical modeling (differential equations, stochastic processes)
- Basic knowledge in the field of infectiology is advantageous
- Knowledge of the statistical program R or other programming languages (Unix, Python, C++ or similar)
- Ability to work independently and in a team
- Good command of written and spoken English

With its more than 600-year tradition, the Medical Faculty of the University of Leipzig is one of the largest research institutions in the Leipzig region. With more than 1,200 employees, it is the largest of 14 faculties at the University of Leipzig and serves as a training center for approximately 3,200 students of human medicine, dentistry, pharmacy and midwifery.

All applications must be submitted in writing by April 20th 2022. Applications received later may be considered for similar positions in the near future. Please quote the advertisement number 7578 and address your application to the Personnel Department of the Medical Faculty of the University of Leipzig, Liebigstraße 27, Haus E, 04103 Leipzig. Applications can also be submitted by E-Mail to Markus.Scholz@medizin.uni-leipzig.de

We ask that you do not use application folders, but submit copies only, as your documents will be destroyed in accordance with data protection regulations after the application process has been completed.

By submitting your application, you consent to the processing of your personal data provided as part of the application for the purpose of the application. The information on the collection and processing of personal data for applicants can be found [here](#).

For information on the application process, please contact **Professor Dr. Markus Scholz** at +49-341-97-16190 or Markus.Scholz@medizin.uni-leipzig.de.

Severely disabled applicants will be given preferential consideration if they are equally qualified. Please enclose appropriate proof of disability with your application.