

The **Institute of Medical Biometry, Informatics and Epidemiology (IMBIE)** of the University of Bonn, in cooperation with the **Department of Anesthesiology**, are looking for a:

Doctoral research fellow (100% TV-L E13)

The position is initially limited to a 3 years contract, with the primary purpose of earning a methodological PhD in the area of Biostatistics in the Working Group Statistical Methods in Epidemiology in collaboration with the Clinical Study Center Anesthesiology.

Requirements

- Outstanding degree in statistics, data science, mathematics, computer science, or related field with an interest in applications in life sciences
- A strong passion for developing novel statistical or data science methodologies, coupled with experience in programming
- Genuine interest in medical research questions and clinical trials
- Very good communication and team working skills along with proficiency in both written and spoken English (German is a plus, but not compulsory)

Responsibilities

- Methodological research in the area of advanced statistical modelling of medical data
- Development and implementation of statistical machine learning algorithms
- Data analysis for clinical trials and research projects from the Anesthesiology department
- Presentation of the results at international and national conferences and publications in high-ranking statistical and biomedical scientific journals

What we offer

- A pleasant working atmosphere and a collaborative team with valuable and responsible goals
- The opportunity to attend and be part of the Bonn International Graduate School of Clinical and Population Science, an international and multidisciplinary structured Doctoral Program
- The chance to participate in international and national conferences, workshops, and training events
- A competitive salary, based on TV-L (EG 13, 100%) with all benefits of the public service (including additional pension and annual bonus)
- Flexible working time models, the possibility of a place in the company daycare center

We foster diversity and equal opportunities and are particularly interested in enhancing diversity, especially in areas where women and other groups are currently underrepresented, actively supporting their career development, and creating an inclusive and accommodating work environment. We strongly encourage highly qualified candidates to submit their applications and welcome applications from individuals with proven severe disabilities and those with equivalent status. All applicants will be handled in compliance with the State Equal Opportunities Act.

For additional information, please do not hesitate to contact Prof. Andreas Mayr.

If you are interested, please send us your detailed application, preferably as a PDF file, to amayr@uni-bonn.de.

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