

The Medical Faculty of the Otto von Guericke University Magdeburg, Germany, Institute for Biometry and Medical Informatics (IBMI), invites applications for a

## **W2 Professor for Biostatistics**

starting at the earliest possible date.

The Medical Faculty aims to develop further the digital infrastructure to enable a better use of the medical data for research and patient care. To this purpose data from basic research, pre-clinics, patient care and clinical research will be integrated into data-warehouse solutions. This will also include use of Big Data (Biobanking, –omics-data, image data, personalized medicine). The focus of the new professorship will consist in developing and providing new statistical methods to analyze different data types (*big data to smart data*) including integrating clinical data. These include, in particular, methods for the analysis of high-dimensional multivariate data. The requirements of an interoperable exchange of data and analysis methods across site boundaries should be taken into account.

The successful candidate will be the head of the working group *Biostatistical Data Analysis* at the IBMI. The candidate will advise and support PhD projects, habilitations and publications including the analysis of biomedical data. He/she will also be responsible for the biostatistical support of clinical studies where expertise in new adaptive study designs will be of great advantage. Therefore, he/she should have excellent and extensive knowledge in method development and support of clinical trials and work closely with the local clinical study center. Experience in the non-university field is desirable.

He/she is to represent the subject of Biometry/Biostatistics in the course of studies in human medicine and also continue the existing cooperation with the Faculty for Mathematics in the master's degree course in Statistics. Furthermore, he/she will support the teaching in the master's program Immunology as well as in further training events at the faculty of Medicine.

Prerequisites for this position are a completed university degree (PhD) in a quantitatively oriented bioscientific subject (e.g. Biometry, Biostatistics, Biomathematics) and the habilitation or equivalent scientific achievements. He/she should also have expertise in third party applications.

The position is initially restricted for 5 years with the option of a permanent tenure following a positive evaluation in the fourth year.

Disabled candidates with essentially equal qualifications and professional achievements will be given preference. The Otto von Guericke University is committed to increase the number of female members working in scientific fields and strongly encourages female scientists to apply for this position.

Applications comprising a curriculum vitae, documentation of the scientific career, a structured list of publications, list of teaching experience, certified copies of essential certificates and documents, selected reprints of original publications, record of funding support and the application form (<http://www.med.uni-magdeburg.de/Berufungsverfahren.html>) should be send within 4 weeks after publication of this advertisement to the

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