At the Faculty of Medicine of Rheinische Friedrich-Wilhelms-Universität Bonn, a

W2 Professorship for "Personalized Digital Health and Telemedicine"

is to be filled at the Department of Epileptology as soon as possible. The position is limited to 5 years.

Advances in mobile health technologies, data transfer and data processing AI methods are increasingly utilized for identifying the individual digital signatures of diseases. These methods enable personalized patient treatment and help drive the development of innovative therapeutic approaches through new insights. In this growing field, we are searching for a candidate with significant expertise in time series analysis, artificial intelligence techniques and their application to appropriate technologies (e.g. wearables with various sensors, long-term derivations), and the typical data sets (e.g. EEG, ECG, accelerometry). The candidate should have also published authoritative articles on these subjects within highly regarded journals and possess a successful track record in obtaining external funding and, ultimately, securing industry collaborations. The successful candidate will be expected to model seizure disorders and further develop "Digital Health Sciences" at the University of Bonn in collaboration with resident research groups from other departments. Additionally, the further development of interdisciplinary courses on "digital health" is desired.

Prerequisites for employment include a completed university degree (e.g. in the field of physics, computer science, biology, psychology or human medicine), plus a doctorate and habilitation (or the scientific equivalent), as well as experience in teaching, according to §36 Hochschulgesetz NRW. If the candidate is suitably qualified (specialist ('Fachärztin/Facharzt') in neurology with clinical experience in the treatment of seizure disorders), integration into clinical care as a senior physician ('Oberärztin/Oberarzt') is possible.

The University of Bonn is committed to diversity and equal opportunities. It is certified as a family-friendly university and participates in a Dual Career Service program. It aims toward increasing the number of women in those areas where they are under-represented and, in particular promoting their careers. Therefore, we urge women with the relevant qualifications to apply. Applications will be handled in accordance with the State Equality Act of North Rhine-Westphalia (Landesgleichstellungsgesetz - LGG). Applications by suitable individuals with a certified severe disability and those of equal status are particularly welcome.

Qualified applicants are requested to send the application documents in accordance with our application guidelines as well as a maximum of five publications (https://www.medfak.uni-bonn.de/de/fakultaet/akademische-verfahren/berufungsverfahren) in German or English not later than 26. January 2022, exclusively by e-mail, to:

Dean of the Faculty of Medicine
Rheinische Friedrich-Wilhelms-University Bonn
Univ. Professor Dr. Bernd Weber
Venusberg-Campus 1| Haus 33, 53127 Bonn, Germany

Please apply by e-mail only to: Berufungen@ukbonn.de

Information on the application process is available at the link below:

(https://www.medfak.uni-bonn.de/de/fakultaet/akademische-verfahren/berufungsverfahren)