Looking for new opportunities?

As one of the largest employers in the region, the University Medicine Greifswald offers interesting tasks and work experiences in an attractive professional environment for numerous professional groups.

We are looking for you!

The University Medicine Greifswald fulfills the tasks of the medical faculty in research and teaching as part of the University Greifswald and in cooperation with the other faculties. With 21 clinics/polyclinics, 19 institutes and further central facilities the University Medicine Greifswald performs its duties as maximum care hospital.

The Institute for Community Medicine at the University Medicine Greifswald runs several large-scale epidemiological studies, including the Study of Health in Pomerania (SHIP) and the German National Cohort (GNC). As part of the upcoming national and interdisciplinary research project "National Research Data Infrastructure for Personal Health Data (NFDI4Health)" the UMG will contribute to the development and implementation of standards and IT-infrastructure for clinical and epidemiological studies. We are strongly dedicated to reproducible and FAIR research. We are looking for a scientist with a strong background in medical informatics, research methods and data analysis to expand our scientific team with a

Data scientist / Computer scientist /Epidemiologist (m/f/d)

The position shall be either part-time or full-time subject to the available volume of third-party funds, for a fixed-term of up to five years (according to the German Act of Academic Fixed-Term Contract) with the option for subsequent renewal. Home office options are possible.

Your tasks:

- Development of metadata standards for epidemiological cohort studies and clinical studies
- Development of tools and standards for data quality analysis (e.g. R, JAVA web application)
- Creation of guidelines and standards for study management and data quality management
- Development of guidelines for FAIR data
- Development of tools and standards for data publications and reproducible research
- Integration of data and tools for data quality analysis with other study management tools

Our requirements:

- University degree (MSc or equivalent, PhD) in medical informatics, bioinformatics, computer science, mathematics
- or University degree (Diploma, MSc., PhD) in adjacent fields with extensive methodological expertise in data and quality management of epidemiological or clinical studies,
- Excellent programming skills in at least one programming language (R, Stata, Python, JAVA)
- Publication as first author in international journals
- Very good spoken and written English skills
- Experience in dealing with biomedical standards and data models such as FHIR (HL7), LOINC, CDISC are an advantage.
- Knowledge in database systems and data management
- Experience in developing community-based standards is desirable.
- You can work very well in interdisciplinary team
- A structured and conscientious way of working using version management (Git, SVN)
- A highly structured workflow and the ability to work with methodological rigour
- Very good communication and presentation skills as

**What we offer:**
- An interdisciplinary and creative team, and a family-friendly atmosphere
- Participation in a large national consortium dedicated to building sustainable and FAIR data infrastructures
- Direct access to a worldwide unique data collection with high impact publication options
- The salary scale is according to the TV-L up to E14
- Possibilities of further training and academic qualifications
- Occupational pension provision
- Greifswald is an innovative university city on the Baltic coast with high recreational value
- To support compatibility of family and career the UMG offers support in the search for child care or apartments through the service office “PFIFF”

Please submit your application with the usual documents, quoting the reference number 20/M/41, by E-Mail until 7th August 2020 to:

[jobs.unimedizin@med.uni-greifswald.de](mailto:jobs.unimedizin@med.uni-greifswald.de)

For questions regarding the position and the application please contact Prof. Dr. Carsten Oliver Schmidt (carsten.schmidt@uni-greifswald.de, +49 3834 867713).

At the University Medicine Greifswald, we wish to promote careers of women in areas in which they are underrepresented. Therefore, we would like to encourage female candidates to send us their applications. In the case of equal qualifications, female applicants will be given preferential consideration.

Our jobs are also suitable for part-time employment. If according applications are received it will be examined whether the extent of part-time wishes is applicable in the context of the required profile. Severely disabled applicants with equal aptitude will be given preferential consideration.

Application costs and expenses occurred as a result of the interview cannot be compensated.