

Job Announcement No. 38/2020

The Department of Epidemiology (Head: Professor Dr. med. Gérard Krause) at the Helmholtz Centre for Infection Research (HZI) in Braunschweig is looking, at the earliest opportunity, for a

Business Analyst and Co-Product Owner (100%) (all genders)

The position is to be filled for the further development of the **Surveillance, Outbreak Response Management and Analysis System** (www.SORMAS.org). **SORMAS** uses modern mobile information technologies for the early exposure and efficient containment of epidemics, especially in Africa, and is supported by the Federal Ministry of Education and Research and the Gesellschaft für Internationale Zusammenarbeit (GIZ). Currently SORMAS is continuously used in 370 districts in Ghana and Nigeria and covers a population of over a 75 million inhabitants. It was successfully used in the control of several parallel infectious disease outbreaks of. For the functional and geographic expansion of SORMAS we are looking for reinforcement of our team.

The Department of Epidemiology at the HZI consists of about 40 employees. We investigate the fundamental relationships between the occurrence, spread and prevention of infectious diseases in the human population - in Germany and internationally. We work in the field of immunology and infection within the framework of the German National Cohort (www.nako.de) and operate a NAKO study Centre in Hannover. Within the German Center for Infection Research, we are active as „Translational Infrastructure Epidemiology“ (www.dzif.de). Together with the Hannover Medical School we run the structured PhD Programme „Epidemiology“ (www.helmholtz-hzi.de/phdepi).

Your tasks:

- To act as a business analyst in the SORMAS Software project:
 - By collecting the functional requirements the software should fulfill.
 - By being the interface between stakeholders and users of the software project and the development team.
 - By translating the requirements into stories that will be implemented by the development team.
- To act as a Co-Product Owner in the SORMAS Software project:
 - By contributing to national scientific pilots in Africa and Europe
 - By representing the HZI in mHealth related conferences and workshops.

Recruitment prerequisites:

- Completed scientific studies in information management or medical computer sciences
- Very good English language skills
- Practical experience in collecting and describing functional requirements by stakeholders and users
 - Ability to coordinate with data managers on the project
 - Ability to translate functional requirements into development stories
- Intermediate knowledge of software development
 - At least some practical experience with one programming language
- Experiences in research, statistics and development of mHealth applications
- Ability and willingness to contribute to national scientific pilots in Africa and Europe for eHealth strategies

The following achievements/knowledge/experience would be of advantage:

- Broad understanding of agile software development processes (e.g. Scrum)
 - Practical experience in participating in agile software projects
 - Experiences in software project tracking and task management (Scrum, Slack, GitHub)
 - Experiences to coordinate and liaise with software firms to develop mobile applications

- Intermediate Knowledge of computer science
 - Operating Systems (Linux)
 - Data structures and databases (e.g. PostgreSQL, MySQL)
 - Web applications
 - Open Source philosophy
 - Operating applications according to industry standards (e.g. ITIL)
- Ability to attend and represent HZI in mHealth related conferences and workshops
- Knowledge of infectious diseases

We offer you:

- Personal contribution to the digital control of epidemics in the global context
- Diverse training opportunities (on site participation at seminars of the PhD degree programme „Epidemiology“)
- Participation in a highly motivated and very well-functioning team (currently consisting of three researchers, two graduating, two technical and one administrative colleague in Braunschweig and overseas) which is part of a department with equally highly motivated experts in diverse disciplines
- Possibility for interesting business trips
- Flexible working hours

Qualified applicants with a severe disability will be given preference. Equal opportunities are part of our personnel policy – qualified women are especially invited to apply. With equal professional qualification, severely disabled persons will be prioritized. Part-time work might be feasible.

Starting date:	At the earliest opportunity, depending on successful grant application, initially limited to two years with the possibility of an extension
Probation period:	6 Months
Remuneration:	E 13 TVöD
Published:	03.03.2020
Closing date:	05.04.2020

Please address informal inquiries concerning the job to:

Prof. Dr. Gérard Krause: Tel. +49 (0) 531 6181-3100, email: Gerard.Krause@helmholtz-hzi.de.

Further information on the institute and the department are found on our website

(<https://www.helmholtz-hzi.de/en/research/research-topics/bacterial-and-viral-pathogens/epidemiology/our-research/> and www.sormas.org).

The application documents should include a complete curriculum vitae with list of publications, a cover letter explaining the motivation to apply for the position, a short summary of research activities and the contact details of at least two referees.

We are looking forward to your complete application documents, which you please send **until the 05.04.2020** stating the **reference number 38/2020 in a single pdf document** by email to JobsHZI@helmholtz-hzi.de or to Helmholtz-Center for Infection Research GmbH, HR-Department, Inhoffenstraße 7, 38124 Braunschweig, Germany.

Please confirm that you have read and understood our [privacy policy](#) and that you agree to the processing of your personal data (text module, see privacy policy) when you send us your application documents.

Without these declarations, we cannot consider your application or process it further and will immediately delete any application documents already received.