

Biological Anthropology at Albert-Ludwigs-University Freiburg is looking for a highly motivated

Researcher (f/m/d)

within a DFG-funded project developing scientific software for research in biological anthropology.

Project

Our research project "*Establishing Semantic Research Data Modelling in Biological Anthropology*" aims to improve research data management and curation in biological anthropology by providing appropriate infrastructure. This involves creating a web-based information system for acquisition and tracking of osteological data and subsequent research using the curated data base.

Responsibilities

The main task will be adaptation of an existing software framework for a domain-specific RDF ontology. This work will mainly concern the front end but might entail framework adjustments. The primary sub-tasks will be

- Designing the software concept with us
- Autonomous implementation of said software concept
- Testing and optimising the software
- Tight collaboration with international project partners

We offer

- advanced training to improve individual skills in semantic information systems
- opportunities for active participation in international conferences

Qualifications and Requirements

We expect a very high level of self-organisation as well as a creative and solution-oriented mindset. Applicants will be responsible to keep to the production schedule and should be capable of excellent time management, of working in a team and of actively com-

- communicating both in-house and with partners abroad. Compliance with predefined workflows is mandatory.

The project is experimental in nature and specific to modelling osteological research data in biological anthropology. As a consequence, we are looking for a creative and open-minded collaborator instead of targeting applicants with specific qualifications.

Required skills

- Master or equivalent degree
- Experience with semantic web technologies (RDF, SPARQL) **OR** experience in software development
- Excellent oral and written knowledge of English

Desired qualifications

- Background in biological or related sciences
- Adequate knowledge of the code versioning system *git*
- Knowledge of the programming language *TypeScript*

The position is limited to two years. Payment and benefits will be according to the German TV-L pay scale (E 13). A first evaluation of applications is scheduled for 31 August 2019. The search will be continued until the position is filled.

Freiburg University seeks to increase the number of women in areas in which they are under-represented and therefore explicitly encourages women to apply. The University Freiburg is also committed to increasing the number of individuals with disabilities in its workforce and therefore encourages applications from such qualified individuals.

We look forward to receiving your application. Please upload your documents as a compressed archive file – including a letter of motivation, CV, research statement (max. 1 page), a list of publications and contact information of two references – to our portal:

<https://ckan.anthropologie.uni-freiburg.de/owncloud/index.php/s/U5Dbib2uDBjYBeL>

For further inquiries, please contact Dr. Stefan Schlager (phone +49 / 761 / 203 – 5522; stefan.schlager@anthro.uni-freiburg.de)