Faculties:
Social and Educational Sciences, Stadt | Bau | Kultur, Civil Engineering, Design, Information Science

The University of Applied Sciences Potsdam (Fachhochschule Potsdam) is an innovative and future-oriented university. Since its foundation in 1991, it has developed into a firm pillar in the scientific landscape of the Berlin-Brandenburg area. At present, we offer 32 Bachelor, Master and Diploma programs. With 100 faculty, we currently supervise around 3,800 students. The professors are supported by about 250 staff. We offer manageable structures, small lecture groups, interdisciplinarity, and a close partnership between faculty and students.

Within the framework of the directive issued by the Ministry of Science, Research and Culture for the “Strengthening of technological and application-oriented research at scientific institutions in the state of Brandenburg” (StaF), the University of Applied Sciences Potsdam is seeking:

Two Research Associates
Salary group EG 13 TV-L
Requisition No. 14/2020

for a fixed term of 2 years at 30 week hours (75%) starting on 1 May 2020.

The Urban Futures Institute investigates the transformation of urban systems, including social, physical and digital aspects and their manifold interactions. The Urban Complexity Lab (UCLAB), an interdisciplinary working group situated between the Institute and the Department of Design, develops novel visualization techniques for urban, cultural, and scientific data. In particular in the cultural sector, methods of interactive data visualization promise innovative and insightful perspectives into the complexity and dynamics of cultural heritage. For a research project in this field we are now looking for two academic staff members with expertise in data visualization, interface design, human-computer interaction, software engineering and/or web development.

The project “KOLLISIONEN: Media collisions as drivers of innovation for new approaches to cultural heritage” conceives and studies novel interaction and visualization techniques for cultural collections. A particular goal is to investigate the potential of immersion and narration for the visualization of collections. The project is based on a prominent use case: the so-called Eisenstein Cabinet and the world of thought of the Russian film director and polymath Sergei Eisenstein, who in his theoretical work has anticipated the thesis of the innovative power of media collisions. In cooperation with the Film University Babelsberg, approaches to dynamic information processing are being investigated, developed in the form of functional prototypes and evaluated by means of user-centered design.

Your responsibilities
• Preparation and execution of concept and design work
• Independent research of scientific and technical literature
• Communication with project partners and users
• Implementation and evaluation of web-based prototypes
• Publication of results in the form of academic articles and lectures at conferences
• Conception of new research projects in the field of information visualization
• Active participation in interdisciplinary research at the research institute and UCLAB

Required qualifications:
• University degree (MA/MSc/Diplom) in Computer Science, Interaction Design, Information Science, Computational Visualistics or related fields
• Experience with the creation and design of web-based data visualizations
• Knowledge of transdisciplinary work e.g. in digital humanities and digital cultural heritage
• Interest in the exploration of cultural and historic connections via visualization
• Experience in writing academic publications in English

Prof. Dr. Marian Dörk (doerk@fh-potsdam.de) is happy to answer any academic questions.

We offer you:
• A collegial atmosphere in an inter- and transdisciplinary project team with expertise in data visualization, digital humanities, UI/UX design, 3D modeling, VR/AR, animation and sound
• An active, interdisciplinary academic life in the institute and UCLAB, where the research positions are located, as well as in other departments and working groups of the FHP and Film University
• A family-friendly university with a range of offers for a sustainable balance of work, teaching, research, study and family
• Services within the framework of health management
• Additional pension provision via VBL (Versorgungsanstalt des Bundes und der Länder)
• Offers of professional training and further education
• Table tennis table, espresso coffee and lots of green on and around the FHP campus
• The preparation and/or pursuit of a doctorate in the context of the project priorities

More information about the UCLAB can be found at uclab.fh-potsdam.de and University of Applied Sciences Potsdam at www.fh-potsdam.de. The university sees itself as a family-friendly university. If required, childcare can be set up for possible job interviews.

The University of Applied Sciences Potsdam advocates for a diversity of perspectives and equal opportunities, and strives for a balanced gender ratio in all areas. To increase the proportion of women in areas in which they are underrepresented, we expressly call on qualified women to apply.

Applications from people with disabilities will be given preference if they are equally suitable and qualified. Please indicate a disability in your letter of application.

The interviews are expected to take place between April 6th, 2020 and April 7th, 2020.

We look forward to receiving your application, which you should send with the usual documents (cover letter, CV, portfolio, certificates and proofs of employment) and quoting the Requisition No. 14/2020 by March 31st, 2020 exclusively by e-mail in a PDF document to bewerbung@fh-potsdam.de.

The personal data provided as part of your application will be processed on the basis of § 26 of the Brandenburg Data Protection Act. If you do not agree with the processing of the data or revoke your consent, your application cannot be considered.