The HafenCity Universität Hamburg - Universität für Baukunst und Metropolitenentwicklung (HCU) is the University of the Built Environment and Metropolitan Development. The education and research at the HCU Hamburg are aimed at contemplating and concretizing what the future of metropolitan areas could and should look like. Coping with this future implies a systematic interdisciplinary as well as a transdisciplinary approach. For this reason, the HCU follows an integrated approach that combines all study fields, as well as research and teaching.

In the Department of CityScienceLab at the HafenCity Universität Hamburg following two positions are open, starting as soon as possible

**Research Associate (w/m/d) – UNITAC Hamburg**

(Entgeltgruppe 13 TV-L)

(19.50h weekly working time, 50% E13, TV-L, for a period of four years)

The CityScienceLab is an academic unit with a research focus that is being developed in cooperation with the MIT Media Lab Cambridge / USA. It pursues an interdisciplinary and transdisciplinary perspective by combining technical issues (e.g. digital city infrastructures, data mapping and modeling, urban sensor systems, urban twin technologies) with social and cultural developments (healthy city, refugee integration, sustainable mobility, civic science, etc.). The CityScienceLab consists of an intercultural team.

UNITAC Hamburg is a new cooperation project with UN Habitat and UN Office for ICT, where the CityScienceLab (CSL) at HafenCity University (HCU) will explore the potential of digital technologies, data and innovation to contribute to sustainable urban development. The project will work with a variety of innovation, prototyping and applied research methodologies to develop innovative solutions that accelerate the achievement of Sustainable Development Goals related to cities and urbanization. The focus will be SDG 11 on sustainable cities and communities, but all urban aspects of the SDGs will be considered, including SDGs 5, 16, 17 and others.

**Tasks**

In the new cooperation project ‘UNITAC Hamburg’ your main responsibilities will be to conduct applied research and contribute to innovations at the interface of technology, data and cities. For that, you will translate urban development challenges in Hamburg and around the world into concrete technology requirements and user demands. Your focus will be the local and international innovation ecosystems, where innovative solutions will be tested and scaled, mainly in the three thematic fields: 1. Open, transparent and participatory governance of data and digital platforms, 2. Mapping, spatial analysis, data analytics and visualization, 3. People-centred smart cities. Besides project design, you will also be responsible for project management. You will work in an interdisciplinary team of urban development, innovation and technology specialists with a passion for sustainable cities, international development and digital innovation.

**Requirements**

The academic research associate/academic assistant will have

- An academic degree in spatial planning, urban development, geography, cultural studies, or related subjects. (MSc. Level)

**Application**

- Expertise and knowledge on current developments, challenges and innovations in cities around the world, as well as urban planning methods and processes.
- Practical experience working in and/or collaborating with a wide range of urban development and innovation actors at local and international level, such as public authorities, civil society organizations, international development agencies, start-ups, research institutions, city networks, etc.
• Experience with technology and innovation development processes, especially the translation of real-world challenges into user demands and technology requirements.

• Solid experience in project management, agile methods and innovation management – within interdisciplinary and intercultural teams.

• Knowledge in one or more of the three thematic fields: 1. Open, transparent and participatory governance of data and digital platforms, 2. Mapping, spatial analysis, data analytics and visualization, 3. People-centered smart cities

• Fluency (written and spoken) in English and German is required. Additional knowledge of any of the six official languages of the United Nations (Arabic, Chinese, English, French, Russian and Spanish) is an asset.

The HafenCity Universität Hamburg provides a family friendly environment and supports the compatibility of family and career.

To ensure equal opportunities, applications by gender minorities and persons with immigrant background are explicitly desired.

Qualified individuals with disabilities will be favored.

Presence in Hamburg is required for this position.

We would point out that the applicant's classification in the level of experience within the advertised TV-L pay group within the recruitment procedure is based on the individually available professional experience of the candidate by the HR department of the HCU. Legally binding statements can only be made by the HR department of HCU.

For further information regarding this position please contact Frau Gesa Ziemer +49 (040) 428 27-5621 4034.

To apply, please send digitally as one PDF-file (max.10 MB) a detailed CV and a portfolio along with a letter of application by December 10, 2020 to:

E-Mail: hcu-bewerbung@vw.hcu-hamburg.de

HafenCity Universität
Personalverwaltung
Stellen-Nr.: „2020-83 WiMi UNITAC“
Number: 83166
Henning-Voscherau-Platz 1
20457 Hamburg

Please include the number “2020-83 WiMi UNITAC” to your application.

Travel and accommodation costs for job interviews cannot be reimbursed by the HafenCity Universität Hamburg.