

Technische Hochschule Lübeck receives a high level of external funding and, with around 4,800 students across four departments and over 30 study programmes, is the largest university of applied sciences in Lübeck. Around 130 professors teach and conduct research in four departments and a total of seven centres of excellence, supported by approximately 300 members of staff. Its technology and knowledge transfer, e-learning area and international programmes are extremely successful and nationally recognised. High quality, practically-oriented teaching supplies the foundations for preparing our students as well as possible for the labour market. Our employees are the key to our success. We are looking for you!

Technische Hochschule Lübeck is seeking to appoint, by 01.04.2019, in the Department of Architecture, Civil Engineering and Urban Design, a

**Research Associate (m/f/d)
-Reference 8.209-**

on a temporary contract until 30.06.2020. Should the pay scale terms and conditions be met, the post will be categorised up to remuneration group 13 as per the remuneration structure under the collective public sector wage agreement for the federal states (TV-L). The hours of work will amount to 50% of the hours of work set under the collective agreement (currently 19.35 hours / week).

The position is part of the laboratory of urban water and waste management of Technische Hochschule Lübeck. The objective is the successful operation of the research and development project „**Micropollutants in urban waste water and their removal in waste water treatment plants in Schleswig-Holstein**“, financed by the responsible ministry of Schleswig-Holstein.

Your duties on the above mentioned project will comprise the following activities:

- Planning and execution of experiments to determine the sorption and biodegradation of individual micropollutants in a conventional activated sludge system (CAS) on the pilot plant scale
- Independent data evaluation of the measured values. In particular, this consists of compiling the scientific (chemical and biological) principles that lead to a retention of individual micropollutants
- Deriving a deterministic model to facilitate forecasting of the micropollutants retention subject to the method of operation of the CAS.

Your qualifications and experience will be as follows:

- A university degree in the field of chemistry / chemical engineering (Master's)
- Practical experience in the field of scientific experiments and developments in the specialist area of water / wastewater treatment (e.g. demonstrated by publications)
- Pronounced innovative and improvisational abilities
- You will be a flexible team player who is also able to work completely independently

We offer:

- Highly interesting and varied activities with plenty of autonomy in a committed team, in a city with an extremely high quality of life
- Independent work with a degree of freedom in your own area of responsibility
- A variety of opportunities to manage your own hours of work to achieve a better work-life balance
- A family-friendly atmosphere and programmes to support combining your career with family commitments
- This appointment is governed by the collective agreement for public sector workers in the federal states (TV-L).
- Encouragement of your professional and personal development and extensive in-house programmes
- Possibility of a pension (VBL = Federal & State Public Sector Pension Agency)

Should you have any queries regarding the content of this role, please contact Mr. Grottker by phone +49 451 300 5155. He will be pleased to assist.

In November 2016 the Total E-Quality award was conferred upon Technische Hochschule Lübeck for the third time. The award is granted to organisations that successfully implement equal opportunities in their human resources and organisational policies, as well as offering a range of opportunities in support of combining employment with family commitments.

Flexible working time models are available by agreement. We expressly welcome applications from candidates with a migrant background. We promote the employment of people with disabilities. For this reason, applications from suitably qualified disabled candidates will be given priority.

The university strives to achieve equal numbers of female and male employees in the workforce. If they possess equal qualifications, aptitude and professional expertise, female candidates will be given priority in areas where they are underrepresented.

Please send your comprehensive application quoting the reference number and combined in a single PDF file by **15.02.2019** to:

bewerbungen@th-luebeck.de

Technische Hochschule Lübeck
Abteilung I Personal
Reference 8.209
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