As a University of Excellence, Universität Hamburg is one of the strongest research universities in Germany. As a flagship university in the greater Hamburg region, it nurtures innovative, cooperative contacts to partners within and outside academia. It also provides and promotes sustainable education, knowledge, and knowledge exchange locally, nationally, and internationally.

The Faculty of Mathematics, Informatics and Natural Sciences, Department of Biology invites applications for a

**RESEARCH ASSOCIATE FOR THE PROJECT**

**“PHD-PROJECT: ECOLOGICAL PLASTICITY OF AQUATIC PRIMARY PRODUCERS”**

- SALARY LEVEL 13 TV-L -

The position in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) commences on October 1, 2020.

This is a fixed-term contract in accordance with Section 2 of the academic fixed-term labor contract act (Wissenschaftszeitvertragsgesetz, WissZeitVG). The term is fixed for a period of three years. The position calls for 65% of standard work hours per week*.

**RESPONSIBILITIES:**

Duties include academic services in the project named above. Research associates may also pursue independent research and further academic qualifications.

**SPECIFIC DUTIES:**

The PhD student will be a member of the DFG funded Research Training Group BiCEst (Biota-mediated effects on Carbon cycling in Estuaries) and the lab of Plankton Ecology and Evolution. The PhD student will investigate the ecological plasticity of aquatic primary producer communities along an estuarine gradient. There will be a focus on the implications of abiotic and biological complexity for carbon cycling. The study will combine field work (suspended microcosms), molecular approaches (mainly for identification), and phenotyping (metabolic rates – photosynthesis and respiration, growth rates, C:N:P stoichiometry). The aim is to characterize phenotypic plasticity and adaptive potential in aquatic primary producers in each of the freshwater, brackish and marine stretches of the Elbe estuary.

* Full-time positions currently comprise 39 hours per week.
REQUIREMENTS:

A university degree in a relevant field, i.e., Biology, Geosciences, or Environmental Sciences. The successful candidate should have knowledge and experience in aquatic ecology, microbiology and evolutionary biology. Further, team spirit, experience with sterile working techniques, basic molecular skills and scientific writing are required. Good oral and written English skills as well as good biostatistic skills are necessary.

The Free and Hanseatic City of Hamburg promotes equal opportunity. As men are currently underrepresented in this job category at Universität Hamburg according to the evaluation conducted under the Hamburg act on gender equality (Hamburgisches Gleichstellungsgesetz, HambGleiG), we encourage men to apply for this position. Equally qualified and suitable male applicants will receive preference.

Qualified disabled candidates or applicants with equivalent status receive preference in the application process.

For further information, please contact elisa.schaum@uni-hamburg.de or consult our website at www.grk2530-bicest.uni-hamburg.de.

Applications should include a motivation letter, a tabular curriculum vitae, copies and transcripts of degree certificate(s) and a summary of the MA thesis. Please send the applications as one pdf-document by August 1, 2020 to: grk-bicest.biologie@uni-hamburg.de.

Please do not submit original documents as we are not able to return them. Any documents submitted will be destroyed after the application process has concluded.