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, Institute of Plant Science and Microbiology invites applications for a

**RESEARCH ASSOCIATE**

- **SALARY LEVEL 13 TV-L** -

The position in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) commence on 1st of July 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 2 years. The position calls for 39 hours per week. This position is also suitable for part time employment.

**RESPONSIBILITIES:**

Duties primarily include teaching and research. Research associates may also pursue independent research and further academic qualifications.

**SPECIFIC DUTIES:**

The Department of Aquatic Ecophysiology/Phycology is currently working in the following areas:
- Climate change, ocean acidification and light stress of photosynthesis
- Industrial production of biomass/biotechnological use of algal biomass
- Ecophysiological adaptation of Desmideaceae

Independent research in the above mentioned fields of the department and molecular biological or ecophysiological research on aquatic plants/algae is expected. Possible research areas are:
- Impact of climate change on algae
- Biotechnological use of algae
- Taxonomical support of the algae collection MZCH
- Evolutionary development of algae

The jobholder is expected to use the potential of the department's own microalgae culture collection (MZCH).
This can be done by molecular biological studies to elucidate the evolution within the class Zygnematophyceae (Conjugatophyceae) as well as eco-physiological/molecular biological studies to study adaptations of these organisms to their environment or the influence of climate change.

Furthermore, the position includes the supervision of master students and doctoral candidates, the acquisition of research funds as well as the preparation of scientific publications and presentations.

The teaching responsibilities currently include a teaching commitment of 4 teaching hours.

**REQUIREMENTS:**

A university degree in a relevant subject plus doctorate (doctorate preferably in biology/botany).

The ability to think analytically, initiative and the ability to work in a team are required as well as knowledge of the English language, both written and spoken. Knowledge of German language for teaching duties will be helpful.

The application should be accompanied by a short research concept, showing the contribution to the research topics of the working group.

In addition to the working group-specific courses in the Master of Biology, teaching is expected to include basic courses, in the field of plant biodiversity and basic biology. The holder of the position should be able to represent the teaching conducted in the Department of Aquatic Ecophysiology/Phycology.

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

For further information, please contact Prof. Dr. Dieter Hanelt or consult our website at https://www.biologie.uni-hamburg.de/en/forschung/oekologie-biologischeressourcen/aqoekphys/mitarbeiter/m-hanelt/dhanelt.html.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by 30th of April 2020 to: franziska.holland@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.