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 invites applications for a

**HEISENBERG PROFESSORSHIP (W3) FOR FUNCTIONAL FOREST ECOLOGY**

commencing as soon as possible, ref. no. 2325/W3

**RESPONSIBILITIES:**

The successful candidate is expected to teach and conduct research in the field of forest ecology and forest systems. The post holder should conduct research on the interactions between trees and microorganisms as well as on changing environmental conditions. A focus on the functional aspects of the rhizosphere in forest ecosystems is desirable. The applicant should have outstanding scientific qualifications in the field of functional forest ecology and an international research reputation in this area. We especially welcome applications from candidates who use eco-physiological (e.g., stable isotope analysis), visualization (e.g., 3-D laser ablation tomography), and biochemical procedures (e.g., metabolomics) to analyze the interactions between tree species and microorganisms in the rhizosphere. Research of the post holder should contribute to the core research area Climate, Earth and Environment. Participation in the Department of Biology's research area, Biota in the Climate System is expressly welcomed. Suitable candidates meet one or more of the criteria above and are in a position to integrate their research into the existing field of research as well as to develop new areas.

In their application, applicants are expected to indicate to which of the University's core research areas, emerging fields, or profile initiatives (https://www.uni-hamburg.de/en/forschung/forschungsprofil/forschungsschwerpunkte.html) their research can best be assigned. Duties include participation in one or more of the core research areas, emerging fields, or profile initiatives.

The successful candidate is further expected to participate actively in curricular development and the instruction of students in the Bachelor of Science in Bio-Resource Management and the Master of Science in Wood Science.

Section 12 subsection 7 sentence 2 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) applies.
REQUIREMENTS:
Academic qualifications and additional requirements as specified in Section 15 HmbHG.

ADDITIONAL CRITERIA:
Applicants are expected to have international research experience as well as a successful track record in acquiring external funding and carrying out externally funded projects. The University places particular emphasis on the quality of teaching and therefore requests that applicants provide details of their teaching experience and objectives. The professorship is situated in the Department of Biology at the Institute of Wood Science.

The position can be filled only if the German Research Foundation funds the applicant through its Heisenberg Programme. An official appointment may only be made after the Heisenberg Professorship is authorized by the German Research Foundation. Initially, the applicant will be appointed temporarily as a civil servant or salaried employee on a contractual basis. A positive evaluation is required for a further two years of funding by the German Research Foundation as well as for subsequent employment as a tenured professor.

Following hearings to evaluate knowledge and expertise, selected candidates will be further assessed to ascertain their skills in the areas of management and human resources.

The post holder is expected to acquire the language skills necessary to teach in German (Level C1 of the Common European Framework of Reference for Languages) within two years of commencing employment providing he or she does not have the requisite skills when starting.

In accordance with Section 14 subsection 3 sentence 3 HmbHG, Universität Hamburg seeks to increase the proportion of women in teaching and research and encourages female academics to apply.

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

For further information, please contact Prof. Dr. Kai Jensen at +49 40 4281-6576 or kai.jensen@uni-hamburg.de.

The application deadline is 21 February 2020. Please submit your application with your CV, list of publications, teaching experience, successful external funding record, copies of certification and documents, three representative publications, teaching and research plans, additional evidence of skills and experience, such as presentations, posters, significant roles held in organizations, etc., and the reference number 2325/W3, preferably by email in a single PDF file, to: Bewerbungen@uni-hamburg.de or per post to:

An den
Präsidenten der Universität Hamburg
Stellenausschreibungen
Mittelweg 177
20148 Hamburg