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, co-operative 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 EVOLUTIONARY GENETICS IN INFECTION**

commencing as soon as possible, ref. no. 2343/W3.

**RESPONSIBILITIES:**

The professorship for Evolutionary Genetics in Infection has its seat in the Department of Biology at the Institute of Zoology. It combines laboratory and field experiments for the analysis of evolutionary trade-offs in the adaptive immune response of vertebrates. Methodologies should include computer-based simulations, high throughput sequencing, and bioinformatic analyses. The successful candidate should use a model system involving laboratory animals that are readily available outdoors and easy to keep to determine the genomic basis for immune genetic variability and to compare this with human immune genetic variability. We welcome research on new approaches to identify antigens in infectious diseases.

We further expect the successful candidate to take part in the University’s core research area Infection Research and explicitly request that they participate in the Department of Biology’s research on hybrids.

Additionally, we expect the successful candidate to teach and contribute to the further development of the curricula in the Bachelor of Science and Master of Science in Biology and in the Master of Science in Molecular Life Sciences degree programs.

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

Non-German-speaking post holders are 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 they do 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.

Suitable disabled candidates or applicants with equivalent status with comparable qualifications, abilities, and experience receive preference in the application process.

For further information, please contact Prof. Dr. Susanne Dobler at +49 40 42838-4288 or susanne.dobler@uni-hamburg.de.

The application deadline is 23 July 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. where available, and the reference number 2343/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

Due to the coronavirus pandemic, the academic search procedure is set to proceed digitally. More information is available from the chair of the search committee.