



RESEARCH ASSOCIATE FOR THE PROJECT “MYCORRHIZAL FUNCTIONS IN THE FOREST FLOOR” (PHD STUDENT) § 28 SUBSECTION 3 HMBHG

Institution: Faculty of Mathematics, Informatics and Natural Sciences, Department of Biology, Institute of Wood Science

Salary level: EGR. 13 TV-L

Start date: 01.07.2022, the initial fixed term is four years. (This is a fixed-term contract in accordance with Section 2 of the academic fixed-term labor contract act [Wissenschaftszeitvertragsgesetz, WissZeitVG]).

Application deadline: 2022-05-22

Scope of work: part-time

Weekly hours: 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. They may also pursue doctoral studies outside of working hours.

Specific Duties

- investigate the forest floor in mixed beech forests across a gradient of temperature and P availability
- study the mycorrhizal community structure by Sanger and next generation sequencing
- estimate the C allocation to mycorrhizal fungi by isotopic fractionation analysis
- explore how changes in mycorrhizal communities affect litter decomposition
- write and publish scientific papers in peer-reviewed journals
- present results at national and international conferences

Requirements

A university degree in a relevant field.

Strong skills in mycorrhizal or root ecology and/or biogeochemistry are a plus. This PhD position is part of the recently established DFG research unit ‘Forest Floor: Functioning, Dynamics and Vulnerability in a Changing World’ and is co-supervised by Prof. Martin Bidartondo (Imperial College London) and by Dr. Laura Suz (Royal Botanic Gardens, Kew). Therefore, team-orientation and interest in conducting interdisciplinary research as well as being proactive are a must. Willingness for field work

in forests in the surrounding of Freiburg, Baden-Württemberg, as well as for stays at Imperial College London/Royal Botanic Gardens, Kew, UK. Excellent German and English communication skills (spoken and written).

We offer



Reliable remuneration based on wage agreements



Continuing education opportunities



University pensions



Attractive location



Flexible working hours



Work-life balance opportunities



Reduced rates available for a HVV-Proficard (transit pass) and much more



Health management



Educational leave



30 days of vacation per annum

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.

Severely disabled and disabled applicants with the same status will receive preference over equally qualified non-disabled applicants.

Tips on applying

Contact

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Location

Haidkrugsweg 1
22885 Barsbüttel-Willinghusen
[Zu Google Maps](#)

Reference number

184

Application deadline

2022-05-22

Send us your complete application documents (cover letter, curriculum vitae, copies of degree certificate(s) and if necessary ID attesting to your disability or proof of equivalent status) via the online application form only.

If you experience technical problems, send an email to bewerbungen@uni-hamburg.de.

More information on [data protection](#) in selection procedures.

