

Faculty/Departement Mathematics, Informatics, Natural Sciences/
Seminar/Institute Center for Wood Science

Universität Hamburg invites applications for a Research Associate for the project “**BioHome**” in accordance with Section 28 subsection 3 of the Hamburg Higher Education Act (Hamburgisches Hochschulgesetz, HmbHG). The position commences on 01.02.2018.

It is remunerated at the salary level TV-L 13 and calls for 50 % of standard work hours per week*.

The fixed-term nature of this contract is based upon Section 2 of the Academic Fixed-Term Labor Contract Act (Wissenschaftszeitvertragsgesetz, WissZeitVG). The term is fixed for a period of 35 months .

The University aims to increase the number of women in research and teaching and explicitly encourages qualified women to apply. Equally qualified female applicants will receive preference in accordance with the Hamburg Equality Act (Hamburgisches Gleichstellungsgesetz, HmbGleiG).

Responsibilities:

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

Specific Duties:

The BioHome project at Universität Hamburg is part of the program Partnerships for Sustainable Solutions with Sub-Saharan Africa: Measures for Research and Integrated postgraduate training and continuing training. It is funded by the BMBF (German Ministry of Education and Research) and managed by two project management agencies DAAD (German Academic Exchange Service) and DLR (German Aerospace Center). The project joins educational modules (capacity building) and research modules together with our partner universities in South Africa and Ethiopia as well as the German Thünen Institute.

BioHome aims to combine secondary resources (such as post-consumer plastics, slag, fly-ash) with lignocellulosic feed-stocks (such as invasive plants, agricultural residues, fibre plants and burned plantation wood) to produce valuable composite materials for the building sector.

The candidate will work on mass-flow-analysis and quality of secondary raw materials. Furthermore, we expect the candidate to conduct (social) life-cycle-assessments of above-mentioned composite building materials.

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

Requirements:

A university degree in a relevant field. A Master degree is necessary, preferably in Wood Science, Forestry, Process Engineering, Environmental Engineering, Waste management or adjacent fields. Additionally, candidates should be able to proof:

- Very good command of English language (written and oral)
- Readiness to travel to Sub-Saharan Africa research stays, capacity building and workshops
- Pro-active and strong personality with the ability to work in a compact team
- First experiences in (social) life cycle assessment would be an asset
- Intercultural awareness and stress resistance
- Working or studying experiences in lesser or least developed countries are an asset

We especially are looking forward to applications from candidates who are willing to pursue a doctoral degree within our project at University Hamburg.

Severely disabled applicants will receive preference over equally qualified non-disabled applicants.

For further information, please contact the project coordinator at +49 40 73962 446 or biohome.min@uni-hamburg.de or consult our website at www.biohome.uni-hamburg.de.

Applications should include a cover letter, curriculum vitae, and copies of degree certificate(s). The application deadline is 20.02.2018. Please send applications to:

Goran Schmidt
Leuschnerstr. 91
21031 Hamburg
Germany

Only send the application in a single document with the subject "BioHome - Application PhD Hamburg" to biohome.min@uni-hamburg.de.