

As Germany's first "New Type of University", Hochschule Geisenheim University (HGU) sees itself as an institution focusing thematically on the production of special crops, their processed products and the integration of their products into culture and landscape. HGU offers both application-oriented bachelor programs and research-based master programs and has the right to award doctorates. As part of its strategic alignment HGU invites applications for a

**Professorship in “Breeding and Ecological Genomics of Grapevine”
(Bes.Gr. W3 HBesG)
Chiffre: P2/2018**

to be filled in as soon as possible.

Main working areas will be on germplasm improvement, clonal selection and breeding of new rootstocks by using classical and molecular breeding technologies. Scientific focus should in particular encompass:

- Using the full potential of grapevine genetic resources by collecting and preservation of wild material as well as breeding, testing and evaluation of new grapevine rootstocks, cultivars and clones
- Adaptation processes of grapevine cultivars and clones to local characteristics and changing environments in particular in the context of climate change
- Genetic and physiological characterization of adaptation processes with a focus on wild genotypes, which are selected as putative new rootstocks
- Development and application of molecular markers in grapevine breeding programs
- Genetic improvement and physiological characterization of grapevine fruit composition
- Phenotyping of grapevine traits with relevance for breeding processes including digital phenotyping

Tasks and responsibilities:

- Leadership for a research and technical support team of currently approx. 30 people.
- Acquisition of grants and external funds as well as project management and coordination in the research areas described above.
- Teaching in the Bachelor and Master courses in the fields of Viticulture and Enology. The language of instruction is mostly German, in some courses English. A good command of the German language is therefore required but not mandatory at the beginning of employment. The teaching load is 9 hours a week per semester.
- Guidance and supervision of theses on the Bachelor, Master and Doctoral degree level.
- Further development of the relevant disciplines in teaching and research in cooperation with other faculty and active participation in the self-administration of the university are expected.
- Participation in national and international organizations relevant for viticulture and the grapevine breeding industry.

Requirements and competencies:

- Applicants should hold a doctorate degree or equivalent in natural sciences with a focus on agriculture, viticulture, horticulture, plant biology, plant breeding or other relevant disciplines.

- Candidates should have demonstrated pedagogical and personal aptitude with a demonstrated record of excellence in research and an excellent publication record of international level.
- Applicants should have excellent interpersonal, verbal and written communication skills and have the ability to work within an interdisciplinary team environment.
- Expertise in the breeding of *Vitaceae* would be helpful but is not a pre-requisite.

The position is permanent. The payment will be according to W3 scale. Additional requirements and prerequisites can be found in Arts. 61-63, 68 and 69 Hessisches Hochschulgesetz.

Geisenheim University pays particular attention on social competence and experience in guiding personnel and strives to increase the diversity of its faculty. As an equal opportunity and affirmative action employer, we explicitly encourage nominations and applications from women as well as others who would bring additional diversity dimensions to the university's research and teaching strategies. Preference will be given to disabled candidates with essentially the same qualifications (§ 2 Para. 2 and 3 SGB IX).

Applications accompanied by supporting documentation in German or English (CV, list of publications, list of courses taught (when applicable), short presentation of research and teaching strategy, obtained third-party funding, certificates, as well as the names and addresses of three referees) should be submitted by June 11, 2018 to: Geisenheim University, Personalabteilung, Von-Lade-Str. 1, D-65366 Geisenheim/Germany, E-mail: personal@hs-gm.de. For inquiries regarding research focus please contact Prof. Dr. Annette Reineke (Tel. 06722 502-411 or 413, E-Mail: vizepraesidentin-forschung@hs-gm.de

More information about HGU is available through the web link at www.hs-geisenheim.de.