

The Department of Applied Ecology of Geisenheim University, Germany, invites applications for a

PhD position (salary level TV-H E13, 65%)
Chiffre 67/2018

in the research group of Biodiversity and Ecosystem Functions. The 3-years position, starting in February 2019, is located at the interface between ecological genetics, chemical ecology and species distribution modelling in the scope of the joint project *Signatures of local adaptation in secondary metabolite profiles and candidate genes of Arnica montana along environmental gradients*. Objectives are the determination of genotype and chemotype variation among *Arnica* populations reflecting local adaptation to major environmental forces as a key prerequisite for identifying evolutionary significant units within the species' range. Aim is to determine suitable donor populations for restoration purposes and to assess potential future threats due to climate change. The projection of the species range shifts serves to develop management concepts for species restoration in the long run.

The project is jointly organised by Geisenheim and Marburg University (Conservation Biology group) in collaboration with the German Federal Institute for Risk Assessment. The successful candidate will work in an exciting research environment for ecological, evolutionary and environmental topics and will strongly benefit by the PhD program of the Geisenheim graduate school as well as by a current joint project (www.arnika-hessen.de) related to the outlined objectives.

Your profile

- Excellent MSc degree or equivalent in ecology, evolutionary biology, bioinformatics or a related discipline
- Knowledge or experience in ecological genetics, bioinformatics or species distribution modelling
- Good knowledge of ecological statistics (using R)
- Interest in analysing large data sets and work across disciplines
- Proficiency in English (spoken and written)
- Willingness to travel to conduct sampling across Europe
- Driving licence (Class B)

Applications

Applicants should send their CV, a short motivation letter with a summary of research experience and interests, certificates, the master's thesis abstract and the names of 2 professional referees as a single pdf-file (max. 5 MB) before 10.12.2018 to Geisenheim University, Personalabteilung, Von-Lade-Str. 1, D-65366 Geisenheim/Germany or email: personal@hs-gm.de. For thematically focused inquiries please contact Prof. Dr. Ilona Leyer, email to ilona.leyer@hs-gm.de or Dr. Sascha Liepelt, email to liepelt@uni-marburg.de.

Geisenheim University is an equal opportunity employer. As such, we explicitly encourage applications from women. Applications from disabled persons with essentially the same qualifications will be given preference.

Please note: By sending the application, you agree that your personal data will be stored for purposes of the appointment process.

Information about GU is available on www.hs-geisenheim.de.

2. Gleichstellungsbeauftragte z. K. und Mitzeichnung

3. Schwerbehindertenvertretung z. K. und Mitzeichnung

4. Ausfertigungen:

	OrgEinheit: Wg
4a	an: ▪ SiS Arbeitsamt (nur SBV)
4b	Bekanntgabe an: - SiS Arbeitsamt - MAP (hier besteht ein Link auf unsere Homepage) - verschiedene Institute; wird von Wg + Gb erledigt
	Veröffentlichung in: - Intranet (4a) - Internet (4b)
	Personalrat zur Kenntnis
	Abteilung Personal
	Abteilung Finanzen - Frau Korn/Herr Findeis Bitte in SAP erfassen - Kosten = .FACE

5. Abteilung Infrastruktur zum zentralen Aushang und Weiterleitung (Kopie) an alle Forschungs- und Entwicklungszentren (bitte auch LLH).

Aushangschluss 03.01.2014

6. z. d. A bei Verwaltung/Kanzler