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The University of Freiburg's human resources policy is oriented toward the principles of equal opportunity and diversity. The university is committed to the goal of creating a family-friendly university.

The Faculty of Environment and Natural Resources of the University of Freiburg invites applications for a

Full Professorship (W3) for Forest Genetics

in the Institute of Forest Sciences to be filled by October 2020. This professorship is also particularly suitable for highly qualified early career researchers.

This professorship represents the field of "Forest Genetics" in research and teaching. The main task of the professorship will be genetic and epigenetic analysis of DNA and RNA from trees using bioinformatic tools and methods from different research fields as well as the development of new bioinformatic tools. This includes genome research using molecular-biological, biotechnological and bioinformatic methods to identify relationships between the information stored in the genomes and plant attributes. Other possible research areas are ecological forest genetics including analyses of the effects of environmental factors and anthropogenic influences such as forest fragmentation and forest management on the genetic composition (and diversity) of tree populations and the assessment of plant diversity through genetic analyses such as bar-coding and metagenomics.

A special commitment to teaching in forestry and environmental science programs is expected. The emphasis in teaching is on forest botany, genetic principles and ecological genetics, breeding and multiplication of trees, epigenetics.

The ideal candidate has:

- competence in genetics, forest botany, bioinformatics
- experience in the identification of adaptation-related gene structures and or mechanisms of epigenetics on a molecular basis
- an interdisciplinary and international research profile

Prerequisites for the employment of Professors are a university degree, an outstanding dissertation and an excellent publication record. Substantial achievements and experience in academic research and teaching, at the level of a Habilitation according to the German academic system, are expected.

The Chair of Forest Genetics is endowed by the Stihl foundation.

The following application documents are to be submitted:

- Curriculum vitae
- Certificates of degrees and academic qualifications
- Complete list of papers and invited lectures specifying the 5 most important publications (and provision of ORCID-ID, Google Scholar Citation index, etc.)
- List of current and completed research projects including their financial volume
- Short statement (1-2 pages) describing intended future research and teaching activities

We are particularly pleased to receive applications from women for the position advertised here.

Please send your application including supporting documents mentioned above and the application form (http://www.zuv.uni-freiburg.de/formulare/bewerbungsbogen_englisch.pdf) citing the reference number 00001038, by 30.06.2020 at the latest. Please send your application to the following address in written or electronic form:

Dekanat der Fakultät für Umwelt und Natürliche Ressourcen
Tennenbacherstr. 4
79106 Freiburg / Germany
e-mail: dekanat@unr.uni-freiburg.de

For further information, please contact Dean Prof. Dr. Heiner Schanz at **Tel. 0761-203 3601** or e-mail dekanat@unr.uni-freiburg.de.

Further information on the appointment procedure can be found in the Code for Practice for professorial appointments, available under <http://www.zuv.uni-freiburg.de/formulare/berufungsleitfaden-en.pdf>.

For important legal information, see <http://www.uni-freiburg.de/stellen>