

The University of Bayreuth is a research-oriented university with internationally competitive, interdisciplinary focus areas in research and teaching. The Collaborative Research Centre 1357 Microplastics "*Understanding the mechanisms and processes of biological effects, transport and formation: From model to complex systems as a basis for new solutions*" at the University of Bayreuth, funded by the German Research Foundation, intends to establish a new junior research group in Ecotoxicology to commence on **1<sup>st</sup> September 2020**. We are currently seeking to fill the position

### Junior Research Group Leader Ecotoxicology

for a fixed term of six years (initially limited to three years with an option to an extension for additional three years as a fixed-term academic civil servant A13Z). The group leader (f/m/d) will be expected to implement an innovative research programme in the field of the Collaborative Research Centre on Microplastics and to integrate and support doctoral students on their own responsibility. The research project should contribute to the strategy of the Collaborative Research Centre and should complement the topics it addresses (see [www.sfb-mikroplastik.uni-bayreuth.de/en/](http://www.sfb-mikroplastik.uni-bayreuth.de/en/)). The junior research group will be carrying out its own research project in close cooperation with Project Area A "Biological Effects" of the Collaborative Research Centre 1357 Microplastics and develop a risk assessment tailored to the corresponding physico-chemical properties of plastic types. The working language of the network is English.

The junior research group will be situated within the Bayreuth Centre of Ecology and Environmental Research (BayCEER). The junior research group includes an additional position for a doctoral student who should carry out his/her doctoral studies within the doctoral programme of Collaborative Research Centre Microplastics and the Bayreuth Graduate School of Mathematics and Natural Sciences.

Applicants must have received a grade of very good for a doctorate in a subject relevant to ecotoxicology. The doctorate must have been completed at least two and at most six years before the application deadline (date of the oral examination).

Collaborative Research Centres funded by the German Research Foundation are among the most prestigious research grants in Germany and are long-term university-based research institutions, established for up to 12 years, in which researchers work together within a multidisciplinary excellent research programme.

Collaborative Research Centre 1357 offers a unique, strongly interdisciplinary working environment in the field of microplastics research. Thanks to access to central key labs, a broad repertoire of state-of-the-art methods from a wide range of scientific fields is available. Collaborative Research Centre 1357 will integrate the junior research group leader into a national and international network covering a broad array of scientific fields. He or she will be part of a friendly team with an exciting field of activity that offers plenty of room for creativity. In the framework of the next proposal of the Collaborative Research Center and the set-up of a new subproject the junior research group has the chance to receive additional funding and an additional PhD position.

The University of Bayreuth provides university-wide health initiatives, a family-friendly working environment with flexible working hours, and opportunities for professional and personal development.

The University of Bayreuth views the diversity of its staff as an asset and is expressly committed to the goal of gender equality. Female scholars are strongly encouraged to apply. All qualifications being equal, applicants with disabilities will be given priority.

Please send your cover letter and supporting documents (CV outlining education and academic career, list of publications, list of courses taught, copies of all diplomas and certificates) and the names of two reference persons who would be willing to write a letter of recommendation upon request. The key element of the application is a research proposal in English in which an innovative research project suitable for a junior research group is presented.

The research proposal should contain the following points:

- *Summary of the proposed research (max. 300 words)*
- *State of the art and preliminary research*
- *Research objectives and methods*
- *Work programme*
- *Contribution to CRC-1357 Microplastics, incl. any collaborations planned with other researchers*

Applications should be sent to the chairman of the Collaborative Research Centre, Prof. Dr. Christian Laforsch, and should be submitted in electronic form (as a single PDF file of max. 30 MB) to [sfbmicroplastic@uni-bayreuth.de](mailto:sfbmicroplastic@uni-bayreuth.de) by **7<sup>th</sup> May 2020**. The documents will be permanently disposed of in accordance with data protection law following the conclusion of the selection process.

Please address any questions to Dr. Melanie Pöhlmann, Coordinator of the Collaborative Research Centre Microplastics: [sfbmicroplastic@uni-bayreuth.de](mailto:sfbmicroplastic@uni-bayreuth.de).

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