

# 1 PhD position in Plant-Insect Chemical Ecology

Bielefeld University

Faculty of Biology, Department of Chemical Ecology, Bielefeld, Germany

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**Application Deadline:** February 28<sup>th</sup> 2020

**Start date:** May 1<sup>st</sup> 2020

**Website:** [http://www.uni-bielefeld.de/\(en\)/biologie/ChemOekologie/](http://www.uni-bielefeld.de/(en)/biologie/ChemOekologie/)

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## Qualifications

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We seek a bright and highly motivated PhD student with a keen interest in chemical ecology. A master or diploma in biology, environmental sciences or a related topic is a prerequisite. Knowledge in ecological experiments with plants and other organisms as well as experience in statistics are required. Ideally, the candidate should also be experienced with multivariate statistics (preferably with R!) and chemical analytical techniques (LC-MS and/or GC-MS). We expect the candidate to be able to work both independently and as member of a team. Fluent verbal and written English communication skills are required.

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## Description

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A PhD position to study the role of intraspecific plant chemodiversity in interactions with aphids is available in the group of **Chemical Ecology (Biology) at Bielefeld University**, starting in spring 2020. The candidate will investigate this topic in the laboratory and in the field using bioassays, chemical ecological, behavioural and analytical approaches. The position will be available for three years and is funded by the German Research Foundation (DFG) within the research unit FOR 3000. In this research unit, ten groups across Germany work together on the *Ecology and Evolution of Intraspecific Plant Chemodiversity*.

The preferred start date is May 1st 2020.

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## Application Materials

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To apply, please provide (i) a letter of motivation including a statement of your research interest and research experience, (ii) a CV including publication list, (iii) copies of your degrees and (iv) names and contact details of two referees willing to write confidential letters of recommendation. All materials should be emailed as a single PDF file to [caroline.mueller@uni-bielefeld.de](mailto:caroline.mueller@uni-bielefeld.de).

Submit applications and further questions to:

For further information on the Chemical Ecology Group, please see [http://www.uni-bielefeld.de/\(en\)/biologie/ChemOekologie/](http://www.uni-bielefeld.de/(en)/biologie/ChemOekologie/) or contact Caroline Müller ([caroline.mueller@uni-bielefeld.de](mailto:caroline.mueller@uni-bielefeld.de)) with any informal inquiries.