

# Curriculum Vitae

## Fabian Schmalz

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## Academic Education

- Since 10/2017      PhD Student, University of Würzburg  
Research Focus: Processing of multimodal Information in Mushroom  
Body Output Neurons in *Apis mellifera*
- 10/2014-02/2017      Master Studies in Biology, University of Würzburg  
Thesis: Neuronal Representation of 2,3-Dihydrofarnesol at the  
Antennae and in the Antennal Lobe of *Bombus terrestris*
- 10/2011-09/2014      Bachelor Studies in Biology, University of Würzburg  
Thesis: The Influence of Light Exposure on the peripheral Visual  
System of *Camponotus rufipes*

## Publications

Ruedenauer, F. A., Leonhardt, S. D., **Schmalz, F.**, Rössler, W., and Strube-Bloss, M. F. (2017)  
Separation of different pollen types by chemotactile sensing in *Bombus terrestris*, *Journal of  
Experimental Biology*, The Company of Biologists Ltd 220, 1435--1442

## Working Experience

- 02-08/2017      Research Assistant (wissenschaftliche Hilfskraft), University of  
Würzburg, Department of Behavioral Physiology and Sociobiology
- 10/2012-2017      Tutor Activities and Supervision of Student Bachelor and Master  
Courses: Animal Kingdom, Developmental Biology, Behavioral  
Physiology, Integrative Behavioral Biology 1-3
- 2013-05/2016      Research Assistant (wissenschaftliche Hilfskraft mit Bachelor)
- 2014      Gastropoda Mapping, Municipality Langquaid
- 07-10/2011      Floral Structure Mapping in course of the Danube Upgrade, Straubing-  
Vilshofen
- 2010      Amphibian Mapping in course of the Danube Upgrade, Straubing-  
Vilshofen
- October, 2017

since 2010

Biotop Care, Eco-Compensation, Municipality Langquaid

since 2005

Biotop Care, Landesbund für Vogelschutz, District Kelheim