

Nadine Kraft

Behavioral Physiology and Sociobiology (Zoology II)

Biocenter, Am Hubland

97074 Würzburg

+49 931 31 84907

nadine.kraft@uni-wuerzburg.de

Education

- Since 10/2019 **Julius-Maximilians-University of Würzburg**
PhD Student
Doctoral Thesis: Structural plasticity in synaptic microcircuits in the mushroom body calyx of Hymenoptera
Supervisor: Dr. Claudia Groh-Baumann, JMU Würzburg
- 04/2015-09/2017 **Julius-Maximilians-University of Würzburg**
Master of Science – Biology (overall grade: 1.2)
Majors: Behavioral Physiology and Sociobiology
Minors: Animal Ecology
Thesis: „Age-related and light-induced synaptic plasticity in the mushroom-body calyx of bumblebee workers and queens“ (grade: 1.2)
Supervisors: Dr. Claudia Groh-Baumann, JMU Würzburg
PD Dr. Johannes Spaethe, JMU Würzburg
- 04/2011-03/2015 **Julius-Maximilians-University of Würzburg**
Bachelor of Science – Biology (overall grade: 2.3)
Majors: Behavioral Physiology and Sociobiology
Minors: Animal Ecology
Thesis: „Synaptische Plastizität im Pilzkörper von Bombus terrestris-Arbeiterinnen in Abhängigkeit von Größe, Alter und Lichteinfluss“ (grade: 1.3)
Supervisors: Dr. Claudia Groh-Baumann, JMU Würzburg
PD Dr. Johannes Spaethe, JMU Würzburg
- 09/2000-07/2009 **Gymnasium Weikersheim**
Secondary school (Abitur: 1.6)

Publications

Kraft N, Spaethe J, Rössler W, Groh C. 2019. Neuronal Plasticity in the Mushroom-Body Calyx of Bumble Bee Workers During Early Adult Development. *Dev Neurobiol* 79:287–302.

Experience

02/2019-09/2019 Research Assistant, Dr. Anna Stöckl, Behavioral Physiology and Sociobiology, JMU Würzburg

01/2018-09/2018 Research Assistant, Prof. Dr. Keram Pfeiffer & Dr. Claudia Groh-Baumann, Behavioral Physiology and Sociobiology, JMU Würzburg

10/2016 & 10/2017 Mentoring, Practical student course „Integrative behavioral physiology II“, JMU Würzburg

04/2013-04/2014 Research Assistant, PD Dr. Andreas Floren, Animal Ecology, JMU Würzburg

Conference contributions

03/2017 **Kraft N**, Spaethe J, Rössler W, Groh C.

*Poster: Age-related and light-induced synaptic plasticity in the mushroom-body calyx of the buff-tailed bumblebee *Bombus terrestris**

12. Göttingen Meeting of the German Neuroscience Society