

CURRICULUM VITAE

Anja Weidenmüller

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RESEARCH INTERESTS

Animal Behavior, Collective Behavior, Social Insects, Individual Decision Making in the Social Context, Self-Organization, Inter-Individual Variability, Behavioral Flexibility,

CAREER

- | | |
|-------------|--|
| 2011 – now | Postdoctoral Researcher
University of Konstanz / Germany |
| 2003 - 2010 | Postdoctoral Researcher
Julius-Maximilian-University Würzburg / Germany |
| 2001 - 2002 | Postdoctoral Researcher
Arizona State University / USA |
| 1997 - 2001 | PhD student
Julius-Maximilian-University Würzburg / Germany

Ph.D. (<i>summa cum laude</i>)
Thesis: ' <i>From individual behavior to collective structure. Pollen collection and nest climate regulation in social bees</i> '. With Prof. J. Tautz & Prof. B. Hölldobler |
| 1996 | Dipl. Biol. Biology,
Friedrich-Alexander-University, Erlangen, Germany
/ Cornell University, Ithaca, USA

Thesis : ' <i>Imprecision in the waggle dances of the honey bee (<i>Apis mellifera</i>) for nearby food sources: error or adaptation?</i> ' With Prof. T.D. Seeley |

PARENTAL LEAVE

03/2003 – 01/2004 and 01/2005 – 11/2005

FUNDING & FELLOWSHIPS

- German Science Foundation (DFG) Sachbeihilfe / Eigene Stelle (231 000 Euro)
- Young scholar Fund (Exzellenzinitiative DFG; 15 000 Euro)
- Brigitte-Schlieben-Lange Stipend (24 months)
- DFG Reisestipendium (1300 Euro)
- DAAD Stipendium postdoc USA (6 months)
- HWP Ph.D. Stipendium (36 months)

TEACHING

Undergraduate and graduate laboratory courses in animal physiology, psychophysics & sociobiology.

Seminars on social insects, collective behavior, individual and collective decision making.

Lectures on evolutionary organismal biology, behavioral biology for psychologists, animal behavior, collective behavior.

Advisor of Diploma- /Bachelor-/ Staatsexamens-Theses:

- A. Schwarz (2019) The influence of glyphosate on the brood incubation behavior of bumblebees (Co-Advisor: C. Kleineidam, Univ. Konstanz)
- E. Rolsing (2017) Behavioral Plasticity in Bumble Bees (Co-Advisor: C. Kleineidam, Univ. Konstanz)
- A. Melzer (2016) Control of brood temperature in bumblebee colonies – do workers assess their own cooling efficiency? (Co-Advisor: C. Kleineidam, Univ. Konstanz)
- L. Kreuzer (2015) The role of efficiency and experience in thermoregulating bumble bees (Co-Advisor: C. Kleineidam, Univ. Konstanz)
- M. Smolla (2011) Brood temperature regulation in bumblebee colonies (Co-Advisor: C. Kleineidam; Univ. Konstanz)
- C. Mayr (2009) Preimaginal and adult experience modulates the thermal response behavior of *Camponotus* ants. (Co-Advisor: F. Roces, Univ. Würzburg)
- C. Westhus (2009) Behavioural plasticity in the fanning response of bumblebee workers: impact of experience and rate of temperature change. (Co-Advisor: F. Roces, Univ. Würzburg)

OTHER

9/18 - 12/18	Trainee 'Science Management'; TU9 Berlin
2017 - 2018	Certificate 'Führung, Management & Transfer'; University Konstanz
since 2018	Scientific board member; Aurelia Foundation, Berlin
2018	Equal opportunities representative; University Konstanz