






DOUGLAS SPONSLER

EDUCATION

- 2016 • **The Ohio State University**
Ph.D. in Entomology  Columbus, Ohio, USA
- 2010 • **Cedarville University**
B.S. in Biology  Cedarville, Ohio, USA

PROFESSIONAL EXPERIENCE

- 2020
|
present • **Postdoctoral Researcher**
Department of Animal Ecology and Tropical Biology, University of Würzburg  Würzburg, Germany
- Lead pollinator competition module of EU Project Safeguard
 - Lead study of bumble- bee-wildflower interactions in the Alps
 - Mentor Ph.D. and MS students
 - Provide statistical support to students and colleagues
 - Organize department seminar program
 - Contribute to classroom- and field-based teaching
- 2018
|
2021 • **Research Associate**
The Academy of Natural Sciences of Drexel University  Philadelphia, PA, USA
- Lead study of urban plant-pollinator ecology in Philadelphia
 - Communicate research to museum visitors
- 2017
|
2020 • **Postdoctoral Fellow**
Pennsylvania State University  University Park, PA, USA
- Design, conduct, and analyze USDA-NIFA-funded field studies of honey bee colony health
 - Lead an NSF-funded multi-institutional working group in the development of a framework for understanding pesticide effects on pollinators
 - Extend research to beekeeper and master gardener organizations
 - Contribute to classroom- and field-based teaching

ACCOMPLISHMENTS

- **Led 6 research projects**
- **Provided statistical support for 15 research projects**
- **Authored 20 peer-reviewed scientific articles**

CONTACT INFO

Department of Animal Ecology and Tropical Biology

University of Würzburg


Biozentrum C-018

Am Hubland


Würzburg, Germany

 sponslerdb@gmail.com

 github.com/sponslerdb

 [ResearchGate](#)

 [Google Scholar](#)

 +49 0176-363-20273

SKILLS

Project management (10 years)

Data analytics in R (10 years)

Bayesian modeling (3 years)

Causal inference (2 years)

GIS (10 years)

Data visualization (10 years)

Public speaking (10 years)

Scientific writing (10 years)

LANGUAGES

English (native)

German (intermediate)

- **Wrote 8 successful grant applications (total of \$235,000)**
- **Mentored 2 Ph.D students, 2 MS students, and 1 undergraduate student**
- **Won the 2017 *Paper of the Year* award in *Environmental Toxicology and Chemistry***
- **Delivered more than 20 invited presentations to professional audiences**
- **Delivered more than 30 public outreach presentations and/or workshops**



PEER-REVIEWED PUBLICATIONS (SELECTED)

- 2023 ● **Pollinator competition and the structure of floral resources**
Ecography 2023;e06651
 Sponsler DB, Iverson AL, Steffan-Dewenter I
- 2021: ● **Beekeeping in, of, or for the city? A socioecological analysis of urban apiculture in the United States.**
People and Nature 2021;3:550-559
 Sponsler DB, Bratman EZ
- 2020: ● **Characterizing the floral resources of a North American metropolis using a honey bee foraging assay**
Ecosphere 2020;e03102
 Sponsler DB, Shump D, Richardson RT, Grozinger CM
- 2019: ● **Pesticides and pollinators: a socioecological synthesis.**
Science of the Total Environment 2019;662:1012-1027
 Sponsler DB, Grozinger CM, Hitaj C, Rundlöf M, Botías C, Code A, Lonsdorf EV, Melathopoulos AP, Smith DJ, Suryanaryanan S, Thogmartin WE, Williams NM, Zhang M, Douglas MR



PROFESSIONAL TRAINING (SELECTED)

- 2022: ● **Data management**
 5-day short course on research data management 📍 German Ecological Society (GfÖ), virtual meeting
- 2018: ● **Open Source Geospatial Data Analysis**
 3-day short course on geospatial data analysis with R and Python
 📍 Socioecological Synthesis Center (SESYNC), Annapolis, MD
- 2016: ● **Introduction to individual-based/agent-based modelling**
 Two-day workshop taught by Volker Grimm, Nika Galic, and Michael Crawford 📍 Towson, MD
- 2016: ● **Diversity and implicit bias awareness training**
 Three-day workshop on mitigating implicit bias, promoting diversity, and aiding distressed individuals
 📍 The Ohio State University, Columbus, OH