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 Berchtesgadener 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

Authored 16 peer-reviewed scientific articles

Wrote 8 successful grant applications (total of $235,000)

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
R^G ResearchGate
G^I GoogleScholar
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SKILLS

Project management

Data analytics (R)

GIS (R, Arc GIS, QGIS)

Graphic design (Inkscape, GIMP)

Field botany and entomology

Beekeeping

Public speaking

Scientific writing

Grant writing

LANGUAGES

English (native)

German (B1 / early intermediate)

- **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***

- **Received 19 professional speaking invitations**

- **Delivered more than 30 public outreach presentations and/or workshops**

🔖 PEER-REVIEWED PUBLICATIONS (SELECTED)

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

2017:
Spatial and taxonomic patterns of honey bee foraging: a choice test between urban and agricultural landscapes
Journal of Urban Ecology 2017;3:1-7
Sponsler DB, Matcham EG, Lin C-H, Lanterman JL, Johnson RM

🔖 PROFESSIONAL TRAINING (SELECTED)

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