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

🔖 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

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

8^{gl} GoogleScholar

📞 +49 0176-363-20273

SKILLS

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)

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

🔖 INVITED PRESENTATIONS (SELECTED)

2022: **Floral resource structure and the conservation of urban pollinators.**
Protecting Pollinators in Urban Landscapes Conference (to be given 11 Oct 2022)   📍 Athens, GA (virtual)
Sponsler DB

2022: **Flowers, insects, and people: stewarding an ancient mutualism through greenspace design**
New Directions in the American Landscape (NDAL) annual symposium (27 Jan 2022)   📍 Philadelphia, PA (virtual)
Sponsler DB

2022: **Pollinator competition and the structure of floral resources**
Lund University (28 Oct 2021)   📍 Lund, Sweden (virtual)
Sponsler DB

2019: **Floral resource topography of a North American metropolis revealed by honey bee foraging assay**
International Conference for Pollinator Biology (20 Jul 2019)   📍 Davis, CA
Sponsler DB, Shump D, Richardson RT, Grozinger CM.

2018: **Plants, pollinators, and people in the City of Neighborhoods**
Drexel University (27 Sep 2018)   📍 Philadelphia, PA
Sponsler DB

🔖 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