

Daniel B. Turner

Department of Entomology
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Education

anticipated 2023 **Ph.D.** Entomology and Ecology, Evolutionary Biology, and Behavior,
 Michigan State University
Committee: William Wetzel (chair), Lars Brudvig, Sarah Fitzpatrick, and Marianna Szűcs

2018 **B.S.** Environmental Science and Spanish Language, Literature, and
 Linguistics with Honors and Distinction in Majors, Temple University
 Minor: Biology
Advisors: Jocelyn Behm, S. Blair Hedges

Research Experience

2018-present Wetzel Lab at Michigan State University, PhD Student
 Kellogg Biological Station, MSU, Visiting PhD Student

2015-2018 Hedges Lab at Temple University, Undergraduate Research Scholar

2017-2018 Integrative Ecology Lab at Temple University, Diamond Research Scholar

Publications

Turner, D.B., Behm, J.E, and Helmus, M.R. Leveraging field biologists' programming skills for effective public communication: Coding biodiversity reports for landowners. *Manuscript available upon request.*

Landestoy, M.A., **Turner, D.B.**, Marion, A.B., and Hedges, S.B. 2018. A new species of Caribbean toad (Bufonidae, *Peltophryne*) from southern Hispaniola. *Zootaxa*.

Turner, D.B. 2016. Mapping the way to carbon neutrality: addressing carbon emissions from transportation at the Monteverde Friends School. *CIEE Sustainability and the Environment, Spring 2016*. (not peer-reviewed)

Teaching Experience

2019-2020 Instructor, Insects, Globalization, and Sustainability Laboratory, Michigan State University (79 students)

2018 Teaching Assistant, Principles of Ecology, Temple University (~200 students)

2015 Subject Tutor, Pre-Calculus and Spanish, Resnick Academic Support Center for Student-Athletes, Temple University (5 students)

Research and Travel Funding (total = \$18,870)

2019 MSU Entomology Hutson Travel Fellowship (\$500)

2019 MSU Kellogg Biological Station Research Fellowship (\$2,250)

2019 MSU Kellogg Biological Station Undergraduate Mentorship Grant (\$1,000)

2017 Temple University Diamond Research Scholars Program (\$4,000)

2017 Temple University Creative Arts, Research, and Academic Scholarship (\$3,120)

2016 Temple University Undergraduate Research Program Grant (\$4,000)

- 2016 Temple University Educational Enhancement Merit Stipend (\$4,000) for “Sustainability and the Environment” Semester in Monteverde, Costa Rica

Honors and Awards

- 2018 Michigan State University Department of Entomology Graduate Recruitment Fellowship
- 2018-2019 Michigan State University Plant Sciences Graduate Recruitment Fellowship (\$41,729)
- 2018 Phi Beta Kappa, Temple University
- 2018 Temple University Natan Luehrmann-Cowen Memorial Award (\$700)
- 2018 Ecological Society of America Mid-Atlantic Annual Meeting, Honorable Mention for Undergraduate Oral Presentation. (\$100)
- 2014-2018 Temple University Dean’s Scholarship (\$28,000)
- 2014-2018 Union League of Philadelphia Scholarship (\$32,000)
- 2014-2018 Temple University Honors Program
- 2017 Sigma Delta Pi, Spanish Language National Honor Society
- 2017 Sigma Gamma Epsilon, Earth Science National Honor Society

Presentations

- 2020 **Turner, D.B.** and Wetzel, W.C. Comparing insect herbivore community structure across plants' native and novel ranges: A meta-analysis. American Naturalist National Meeting. Asilomar, CA. (*scheduled*)
- 2018 **Turner, D.B.** and Behm, J.E. Arthropod predator community assemblage across a land cover gradient. Ecological Society of America Annual Meeting. New Orleans, LA.
- 2018 **Turner, D.B.** and Behm, J.E. Arthropod predator community assemblage across a land cover gradient. Temple Undergraduate Research Forum and Creative Works Symposium. Temple University. Philadelphia, PA.
- 2018 **Turner, D.B.** and Behm, J.E. Arthropod predator community assemblage across a land cover gradient. Ecological Society of America Mid-Atlantic Annual Meeting. Rutgers University. Newark, NJ.
- 2016 **Turner, D.B.** 2016. Mapping the way to carbon neutrality: addressing carbon emissions from transportation at the Monteverde Friends School. Global Temple Conference. Temple University. Philadelphia, PA.
- 2016 **Turner, D.B.** 2016. Mapping the way to carbon neutrality: addressing carbon emissions from transportation at the Monteverde Friends School. CIEE Sustainability and the Environment Symposium. Monteverde, Costa Rica.

Professional Training

- 2019 Undergraduate Research Mentorship Training at MSU
- 2018 Teaching Preparation for Entomology Course at MSU
- 2017 Xerces Society: Conservation Biocontrol Short Course in Annapolis, MD

Research Mentorship

Undergraduate mentees with independent research:

- Kelsey Doud. 2019. URA Program at Michigan State Kellogg Biological Station. Poster presentation at the Undergraduate Research Symposium at KBS in July 2019.

Outreach and Service

- 2019-2020 Executive Committee. Ecology, Evolutionary Biology, and Behavior Program. Michigan State University.
- 2019-2020 Curriculum Committee. Department of Entomology. Michigan State University.
- 2019 Research Symposium Planning Committee. Ecology, Evolutionary Biology, and Behavior Program. Michigan State University.
- 2018-2019 Temple University Honors Alumni Mentor. Mentored two undergraduate students at TU in scientific professional development and navigating the first year of college.
- 2018 FaRm and GaRden Reports. Designed and communicated an international data science initiative to communicate biodiversity research with organic farms in the Philadelphia, PA metro area and garden owners on the Caribbean island of Curaçao.
- 2017 Temple Honors Appalachia. Site leader. Led 36 students on service immersion trip to Cranks Creek, Kentucky.

Manuscripts reviewed: *Ecology* (1)

Language Skills

English (native speaker), Spanish (fluent), Portuguese (conversational)

Professional Memberships

Ecological Society of America (2018-present), American Society of Naturalists (2019-present)