

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 <i>Committee: William Wetzzel (chair), Lars Brudvig, Sarah Fitzpatrick, and Marianna Szűcs</i>
2018	B.S. Environmental Science and Spanish Language, Literature, and Linguistics with Honors and Distinction in Majors, Temple University Minor: Biology <i>Advisors: Jocelyn Behm, S. Blair Hedges</i>

Publications

Behm, J.E. and **Turner, D.B.**, Effects of landscape urbanization and local plant diversity on predatory arthropod community assembly. *Manuscript in prep.*

Turner, D.B., Behm, J.E., and Helmus, M.R. Coding for broader impact: Leveraging field biologists' programming skills for effective public communication. *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 (not peer-reviewed)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

2020	Co-coordinator, Graduate Seminar in Statistical Methods for Temporal Ecology, Michigan State University (9 students)
2019-2020	Instructor, Insects, Globalization, and Sustainability Laboratory, Michigan State University (160 students across two semesters)
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 = \$21,670)

2020	MSU Hutson Research Grant (\$2,500)
2020	MSU Kellogg Biological Station Research Fellowship (\$2,500)
2020	Fulbright Open Research Grant, Brazil
2020	Council for Graduate Students Conference Award (\$300)
2020	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

2020 National Science Foundation – Graduate Research Fellowship Program
Honorable Mention

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.

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

2020-2021	Diversity, Equity, and Inclusion Committee. Department of Entomology. Michigan State University.
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* (2019)

Language Skills

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

Professional Memberships

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