

Laura Taylor

Ph.D. Student, Department of Applied Ecology, North Carolina State University
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Education

North Carolina State University, Raleigh, North Carolina August 2023 – May 2028
Ph.D. in Fisheries, Wildlife, and Conservation Biology
Advisor: Elsa Youngsteadt

Trinity University, San Antonio, Texas August 2016 – May 2020
Bachelor of Science in Biology: Ecology and Evolution
Secondary Major in Environmental Studies: Environmental Science – Biology
Departmental Honors in Biology
Honors Thesis: Artificial light at night (ALAN): An anthropogenic challenge for urban lizard behavior and physiology (Advisor: Michele Johnson)
Summa Cum Laude Cumulative GPA: 3.940

Honors and Awards

North Carolina State University Global Change Graduate August 2023 – August 2024
Fellowship (\$26,500)
North Carolina State University Graduate Fellowship (\$4,000) August 2023 – May 2024
Phi Beta Kappa, Trinity University February 2020
Trinity University Murchison Summer Undergraduate Research May 2019 – July 2019
Fellowship (\$4,000)
Trinity University Dean's List May 2017 – May 2019
Trinity University Murchison Scholarship (\$23,000/year for 4 years) August 2016 – May 2020

Publications

Taylor, L. A., C. J. Thawley, O. R. Pertuit, A. J. Dennis, I. R. Carson, C. Tang, and M. A. Johnson. 2022. Artificial light at night alters green anole behavior and physiology. *Physiology & Behavior* 257:113992.

Presentations

March 2021

Bistline-East, A. J., **L. A. Taylor,** and I. Kaplan. Revery alone won't do: Evaluating the effectiveness of constructed prairie grasslands for pollinator conservation in Indiana agroecosystems. Indiana Small Farm Conference, West Lafayette, IN (poster)

April 2020

Taylor, L. A. Impacts of artificial light at night (ALAN) on urban lizard behavior and physiology. 2020 Senior Thesis Presentations, San Antonio (oral presentation)

January 2020

Taylor, L. A., O. R. Pertuit, I. R. Carson, C. Tang, A. J. Dennis, C. J. Thawley, and M. A. Johnson. Artificial light at night (ALAN): An anthropogenic challenge for urban lizard behavior and physiology. Society of Integrative and Comparative Biology, Austin, Texas (poster)

Dennis, A. J., **L. A. Taylor**, O. R. Pertuit, I. R. Carson, T. J. Sanger, and M. A. Johnson. Oviposition site choice in the brown anole lizard, *Anolis sagrei*. Society of Integrative and Comparative Biology, Austin, Texas (poster)

November 2019

Taylor, L. A., O. R. Pertuit, I. R. Carson, C. Tang, A. J. Dennis, C. J. Thawley, and M. A. Johnson. Artificial light at night (ALAN): Impacts on urban lizard behavior and physiology. Texas Herpetological Society, Alpine, Texas (poster)

Dennis, A. J., **L. A. Taylor**, O. R. Pertuit, I. R. Carson, T. J. Sanger, and M. A. Johnson. Female nesting site choice and implications for development in the brown anole lizard, *Anolis sagrei*. Texas Herpetological Society, Alpine, Texas (poster)

July 2019

Taylor, L. A., C. Tang, O. R. Pertuit, A. J. Dennis, I. R. Carson, C. J. Thawley, and M. A. Johnson. Artificial light at night (ALAN): An anthropogenic challenge for urban lizard behavior and physiology. Trinity Summer Undergraduate Research Conference, San Antonio, Texas (poster)

Dennis, A. J., **L. A. Taylor**, O. R. Pertuit, I. R. Carson, T. J. Sanger, and M. A. Johnson. Where do brown anole lizards lay their eggs? Trinity Summer Undergraduate Research Conference, San Antonio, Texas (oral presentation)

Research Experience

Lab Manager, Dr. Elinor Lichtenberg September 2021 – August 2023
Biological Sciences Department, University of North Texas, Denton, Texas

- Oversaw the management, operations, safety, and maintenance of lab and field research on how plant-pollinator interactions are altered due to global change impacts

Research Technician, Dr. Mark Genung April 2021 – August 2021
Biology Department, University of Louisiana at Lafayette, Lafayette, Louisiana

- Evaluated impact of native pollinator predator density on native bee behavior and plant fitness in a common garden experiment

Research Technician, Dr. Ian Kaplan & Dr. Allison Bistline-East May 2020 – March 2021
Entomology Department, Purdue University, West Lafayette, Indiana

- Conducted surveys of pollinator and flowering plant species for lands enrolled in the Conservation Reserve Program to assess effectiveness of management strategies, and processed pollinator species for later analysis

Undergraduate Researcher, Dr. Michele Johnson May 2019 – May 2020
Biology Department, Trinity University, San Antonio, Texas

- Evaluated impact of artificial light at night (ALAN) on green anole behavior and physiology through a series of behavioral trials and dissections

Research Intern, Dr. Kira McEntire January 2019 – May 2019
Biology Department, Trinity University, San Antonio, Texas

- Participated in lab meetings to gain experience in ecological research

Field Researcher, Dr. David Ribble May 2018 – June 2018
Costa Rican Ecology, Monteverde Institute, Costa Rica

- Collected and presented geographical and morphological data on Costa Rican small mammals

Teaching Experience

Private Tutor, Individual Clients, San Antonio, Texas August 2016 – May 2017

Service Activities

Contributor, Anole Annals: research blog for the community of anole biologists January 2020
Contributor, Life in the City: research blog of urban ecology January 2020

Professional Affiliations

Texas Herpetological Society
Society of Integrative and Comparative Biology
North Carolina Entomological Society

Leadership and Involvement

Member, Trinity University Track and Cross Country Teams August 2016 – May 2020

- Mentored teammates as a captain for the cross country team for the 2019-2020 season
- Participated in athletic competitions year-round
- Part of the Women's Track & Field and Cross Country Southern Collegiate Athletic Conference Academic Honor Roll and the United States Track & Field and Cross Country Coaches Association National Collegiate Athletic Association Division 3 All-Academic Team from fall 2016 to spring 2019