

Alivia G Nytko

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Education

Ph.D. Ecology and Evolutionary Biology August 2022 – Present
The University of Tennessee, Knoxville, TN
Advisor: Joe Bailey

B.S. Biology – Ecology & Evolutionary Biology Concentration May 2022
The University of Tennessee, Knoxville, TN GPA 3.91/4.00
Thesis Advisor: Jen Schweitzer

Research Grants and Fellowships

Active funding

- 2022-2027 \$111,000 NSF Graduation Research Fellowship Program (GRFP)

Completed Funding

- 2021-2022 \$1,500 Faculty Research Assistant Funding (FRAF)

Awards

- Graduate Researchers in Ecology, Behavior, and Evolution (GREBE) Travel Award (2023)
- Best Science Communication at the 6th Annual EEB Undergraduate Research Symposium (2022)
- Hochman Research Award – Funds Declined (2022)
- Volunteer of Distinction – Extraordinary Academic Achievement (2022)
- Volunteer of Distinction – Extraordinary Professional Promise (2022)
- Best Student Presentation Award in the FEWSUS International Symposium (2021)
- Dean's List at the University of Tennessee – Summa Cum Laude (2019 – 2022)
- Volunteer Scholarship Recipient (2019 – 2022)
- Distinguished Tennessean Award (2019 – 2022)

Publications

Manuscripts in review

- **A.G. Nytko.** AM fungal colonization of Sorghum in differing Black and Honey Locust alley cropping systems. *The Journal of Undergraduate Research at The University of Tennessee.*

- S.J. Love, J.D. Edwards, C.N. Barnes, T.W. d'Entremont, A.M. Hord, **A.G. Nytko**, N.B. Sero, S.N. Kivlin, J.K. Bailey. Identifying research targets and risks in climate change studies to break barriers to broad inference. *PLOS Climate*.

Presentations

- The 6th Annual EEB Undergraduate Research Symposium (2022)
- NSF FEWSUS international Student Workshop – Co Chair position (2022)
- The 26th Annual Exhibition of Undergraduate Research and Creative Achievement (EUREKA) (2022)
- 12th Annual Undergraduate Research Symposium at The University of Tennessee – Knoxville (2021)
- The 25th Annual Exhibition of Undergraduate Research and Creative Achievement (EUREKA) (2021)
- NSF Student FEWSUS International Symposium (2021)
- University of Tennessee Summer Research Scholars Symposium (2021)

Teaching Experience

The University of Tennessee, Knoxville, TN Graduate Teaching Assistant Organismal & Ecological Biology – BioLit Ecology	2022 – 2023
The University of Tennessee, Knoxville, TN Undergraduate Teaching Assistant Skills of Biological Investigation Lab	2020 – 2021

Professional Society Service

President, Delta Alpha Pi Honors Society, University of Tennessee	2021 – 2023
<ul style="list-style-type: none"> • Facilitated 3rd Annual DAPI Disability Awareness Seminar 	

Professional Society Membership

- Ecological Society of America
- Delta Alpha Pi Honors Society