

**Isabel Wargowsky**  
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**EDUCATION**

<b>The University of Georgia</b> , Odum School of Ecology, Athens, GA <i>M.S. Ecology</i>	May 2022
<b>The University of Georgia</b> , Honors Program, Athens, GA <i>B.S. Ecology</i> <i>Certificate in Sustainability</i>	May 2021

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**RESEARCH AND PROFESSIONAL EXPERIENCE**

<b>University of Georgia Odum School of Ecology</b> <i>Lab and Greenhouse Technician in lab of Dr. Ricardo Holdo</i>	June 2022 - Present
<ul style="list-style-type: none"><li>• Responsible for the propagation and maintenance of &gt;200 specimens of different species of savanna plants</li><li>• Collecting and analyzing morphological and physiological data from plant specimens to synthesize research for publication</li><li>• Analyzing large geospatial datasets using Google Earth Engine, and GIS in R</li><li>• Managing laboratory projects &amp; supplies and organizing lab meetings</li></ul>	
<b>University of Georgia Odum School of Ecology</b> <i>Graduate Teaching Assistant in Ecology</i>	Aug 2021- Dec 2021
<ul style="list-style-type: none"><li>• Instructed the Ecological Basis of Environmental Issues Laboratory course</li><li>• Prepared lecture materials and guided students through completion of weekly assignments</li><li>• Graded student work and provided written critiques</li></ul>	
<b>University of Georgia Odum School of Ecology</b> <i>Undergraduate Research Assistant in the lab of Dr. Ricardo Holdo</i>	Aug 2017- May 2021
<ul style="list-style-type: none"><li>• Planned, implemented, and maintained plant experiments in greenhouse setting</li><li>• Standardized procedures for harvesting and collecting data on specimens for both architecture and anatomy of plant roots</li><li>• Collected data and analyzed datasets using multiple computer programs including R, ImageJ, and SmartRoot</li></ul>	

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**PAPERS AND PRESENTATIONS**

<b>Ecological Society of America Annual Meeting</b> "Root vascular anatomy explains plant performance in savanna trees and grasses"	August 2022
<b>Wargowsky IK, NeSmith JE, and Holdo RM.</b> 2021 Root vascular traits differ systematically between African savanna tree and grass species, with implications for water use. <i>American Journal of Botany</i>	(2021)
<b>Savanna Science Network Meeting</b> "Root Conductivity of Savanna Trees and Grasses"	March 2022
<b>OSE Graduate Student Symposium</b> "Phylogenetic Signal of Root Histology in Savanna Trees and Grasses"	January 2020
<b>CURO Summer Fellowship Presentation</b> "Characterizing the Histology of Roots in Savanna Trees and Grasses"	July 2019
<b>OSE Graduate Student Symposium</b> "Characterizing Root Architecture and Anatomy in Savanna Trees and Grasses"	January 2019
<b>CURO Symposium Presentation</b> "Characterizing Root Architecture and Anatomy in Savanna Trees and Grasses"	April 2018

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**HONORS AND AWARDS**

Honors International Scholars Program (HISP)	January 2020
Center for Undergraduate Research Opportunities (CURO) Summer Fellowship	July 2019
Art of STEM Competition- Special Merit Award	April 2019
Center for Undergraduate Research Opportunities (CURO) Assistantship	April 2018