

**CHAZZ JORDAN**

cmj93075@uga.edu | 706-449-9106 | Athens, GA

**EDUCATION AND SKILL SET**

Bachelor's Degree	Master's Degree	Skills	Specifics
<b>Georgia State University</b>	<b>University of Georgia</b>	<b>Wet Lab</b>	DNA Isolation, DNA Library Creation, Hybridization Sequencing
<b>Major:</b> Biological Sciences	<b>Major:</b> Plant Biology	<b>Computational</b>	Microsoft software (Excel, Word, Powerpoint, Teams, Sharepoint), R software, Quantum Geographic Information System (QGIS) Software, UGA Cluster – Linux and Slurm, ilastik, Image J, Adobe software – photoshop and illustrator, Procreate
<b>Concentration:</b> Evolution, Ecology, Organismal (EEO)	<b>Concentration:</b> Phylogenetics, Conservation Genetics	<b>Statistics</b>	Principal Components Analysis, STRUCTURE analysis
<b>Distinctions:</b> Advanced and Research Honors	<b>Internships:</b> UGA Herbarium	<b>Collection Curation</b>	Specimen Collection, Drying, Mounting, Destructive Sampling
<b>Graduation Date:</b> May 2020	<b>Graduation Date:</b> May 2025	<b>Field Work</b>	Transect and Floristics Surveys, Field Safety, Specimen Collection
<b>GPA:</b> 3.80	<b>GPA:</b> 3.69	<b>Project Management</b>	Time management, adaptability, problem solving, budgeting, and critical thinking skills gained through forming and implementing research projects for my Bachelor's Thesis, Master's Thesis
		<b>Grant Writing</b>	Budgeting, Financial Planning - Master's Degree fully funded through 2 fellowships I earned during graduate school; also applied and received 4 grants while in graduate school
<b>Advisors:</b> Dr. Lauren Eserman-Campbell (Atlanta Botanical Garden), Dr. Rebekah Chapman (Georgia State University)	<b>Advisor:</b> Dr. Jim Leebens-Mack (University of Georgia) Committee Members: Jenny Cruse-Sanders (State Botanical Garden), ShuMei Chang, Anny Chung, Tanisha Williams (University of Georgia)	<b>Mentoring</b>	Mentored and helped a senior undergraduate student create a semester long research project, which she presented at the UGA Undergraduate Symposium (2023); worked with undergraduate students in Learning by Leading at UGA – State Botanical Garden (2020 – 2023)

**FELLOWSHIPS AND AWARDS****Graduate Degree**

Name	Type	Year
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UGA, Graduate Degree Accelerator Grant	Grant	Fall 2024
UGA, Plant Center Doctoral Dissertation Improvement Grants (PC-DDIG)	Grant	Spring 2023
UGA Plant Biology, Palfrey Grant	Grant	Spring 2023
National Science Foundation (NSF) Graduate Research Fellowship Program (GRFP)	Fellowship	Fall 2023 – Spring 2026
UGA, Palfrey Grant, Plant Biology Department	Grant	Spring 2022
UGA, Haines Field Work Grant, Plant Biology Department	Grant	Spring 2022
Georgia Research Education Award Traineeship (GREAT) Fellows Program	Fellowship	Fall 2020 – Summer 2023

### RESEARCH PRESENTATIONS (Graduate and Undergraduate)

Name	Participant Type	Year	Type	Subject
Botany 2024 Conference	Graduate Student Participant	2024	Talk	Progress of target capture techniques and evidence of discordance in <i>Echinacea</i> phylogeny
UGA Plant Center Conference	Graduate Student Participant	2023	Poster	Methodology and progress of phylogenetics of the <i>Echinacea</i> genus using target capture techniques
Botany 2023 Conference	Graduate Student Participant	2023	Poster	Methodology for phylogenetics of <i>Echinacea</i> genus using target capture techniques
UGA Plant Center Conference	Graduate Student Participant	2022	Poster	Pollination biology work in species rich and species poor <i>Echinacea</i> populations
Botany 2020 Conference	Undergraduate Participant	2020	Poster	Phylogenetic research of the <i>Stanhopea</i> orchid genus
Georgia State Undergraduate Research Conference (GSURC)	Undergraduate Participant	2020	Talk	<i>Stanhopea</i> genome analysis and conservation efforts
Southeastern Partners in Plant Conservation Conference (SeppCon)	Undergraduate Participant	2019	Poster	Progress of research on the orchid genus <i>Stanhopea</i> and genome analysis
Botany 2019 Conference	Undergraduate Participant, Botanical Society of America PLANTS Program Participant	2019	Poster	Evolutionary Relationships in the Euglossine Bee Pollinated Orchid Genus, <i>Stanhopea</i>
Georgia State Undergraduate Research Conference (GSURC)	Undergraduate Participant	2019	Poster	Research regarding endangered orchid genus, <i>Stanhopea</i>

### RESEARCH EXPERIENCE (Graduate and Undergraduate)

University	Position	Lab	Year(s)	Learned Experience
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University of Georgia	Graduate Research Assistant	Dr. Jim Leebens-Mack	Summer 2022 - present	Echinacea through the lens of phylogenetics, herbarium curation, and species distribution modeling Specialties: Conservation and evolutionary biology, phylogenetics, herbarium curation, distribution modeling
University of Georgia	Graduate Research Assistant	Dr. Jill Anderson	Summer 2020 – Summer 2022	<i>Echinacea</i> through lens of pollination biology, phylogenetics, and a conservation genetics Specialties: Conservation and evolutionary biology, quantitative genetics, phylogenetics
Atlanta Botanical Garden, Georgia State University	Conservation Research Intern	Lauren Eserman-Campbell (Dr.)	Fall 2018 – Summer 2020	Reconstructed the phylogeny of <i>Stanhopea</i>
Emory University	Herbarium volunteer	Cassandra Quave (Dr.) Tharanga Samarakoon (Dr.)	Fall 2018 – Spring 2018	Assisted in processes of mounting, digitization, databasing, organization of herbarium specimens

## PROFESSIONAL SERVICE

Organization	Position	Year(s)
Plant Biology Graduate Student Association (PBGSA)	Herb Sale Chair	2022
Plant Biology Graduate Student Association (PBGSA)	Secretary	2021 – 2022
Learning by Leading @ UGA	Volunteer	2021 – 2023
Athens Science Observer	Science Writer	2020 - 2022
Society for the Study of Evolution (SSSE)	Member	2021 - present
Botanical Society of America (BSA)	Member	2020 - present
Science Coding Immersion Program	Participant	2020

## PUBLICATIONS

### SCIENCE COMMUNICATION

- Jordan, C. (March 2021). *Voices in Stem: On Diversity*. Athens Science Observer. <https://athensscienceobserver.com/2021/03/19/zine-1-diversity-in-the-sciences/?swcfpc=1>
- Jordan, C. (April 2021). A bee's eye view, Athens Science Observer. <https://athensscienceobserver.com/2021/04/20/a-bees-eye-view/>
- Jordan, C. (Dec 2021). A botanical and medicinal history of Echinacea, a native plant of the Southeast, Athens Science Observer. <https://athensscienceobserver.com/2021/12/10/a-botanical-and-medicinal-history-of-echinacea-a-native-plant-of-the-southeast/>
- Jordan, C. (March 2022). An ode to herbalism, seeking help outside of disparities. <https://athensscienceobserver.com/2022/03/22/an-ode-to-herbalism-seeking-help-outside-of-disparities/>

## SCIENTIFIC JOURNALS

1. Jordan, C. (May 2025). Utilizing Target Capture Sequencing to Further Resolve the Speciation History of *Echinacea* (Asteraceae). Manuscript in preparation. University of Georgia.

## REFERENCES

**Dr. Jim Leebens-Mack (Plant Biology Professor, University of Georgia)**

Phone: +1 (706) 410-6455, Email: jleebensmack@uga.edu

**Dr. Lauren Eserman-Campbell (Research Scientist, Atlanta Botanical Garden)**

Phone: +1 (985) 860-0450, Email: leserman@atlantabg.org

**Dr. Tanisha Williams (Plant Biology Professor, University of Georgia)**

Phone: +1 (202) 294 – 8509, Email: tanisha.williams1@uga.edu