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EDUCATION

2019	Ph.D. Plant Biology, The University of Texas at Austin
2013	M.Sc. Plant Biology, University of Campinas, Brazil
2009	B.S. Biology, Federal University of Uberlândia, Brazil
2009	Teaching License in Biology, Federal University of Uberlândia, Brazil

APPOINTMENTS

2020–present	Postdoctoral Fellow, University of Michigan
2014–2017	Teaching Assistant, The University of Texas at Austin
2013, 2018–19	Research Assistant, The University of Texas at Austin
2011–2012	Volunteer Teaching Assistant, State University of Campinas, Brazil
2005–2007	Volunteer Assistant Curator, Federal University of Uberlândia, Brazil

TEACHING EXPERIENCE

2021	Frontier Field Course (Invited to teach a field problem, UMich)
2018–2019	Research Facilitator teaching bioinformatics in the Workshop on Molecular Evolution, Marine Biological Laboratories, Woods Hole, MA
2017	Evolution, BIO 370 (UT Austin)
2016	Plant Systematics, BIO 463L (UT Austin)
2016	Molecules to Organisms, BIO 301L (UT Austin)
2015	Structure, Physiology, and Reproduction of Seed Plants, BIO 322 (UT Austin)
2015	Molecules to Organisms, BIO 301L (UT Austin)
2014	Molecules to Organisms, BIO 301L (UT Austin)
2012	Systematic of Angiosperms, Unicamp (Campinas, Brazil)
2011	Systematic of Angiosperms, Unicamp (Campinas, Brazil)
2008–2009	Internship teaching science class – Middle and High School (Uberlândia, Brazil)

FELLOWSHIPS, RESEARCH GRANTS & AWARDS

2019	Graduate Dean's Prestigious Fellowship Supplement, The University of Texas at Austin, Graduate School US\$1,000
2019	Texas Ecological Laboratory US\$12,675
2018	Plant Biology Graduate Fellowship US\$2,000
2018	Society of Systematic Biology Fellowship US\$500
2018	Texas Ecological Laboratory US\$29,886
2017	Plant Biology Graduate Student Fellowship US\$3,675
2017–2018	University Graduate Continuing Fellowship US\$40,396
2017	Texas Ecological Laboratory US\$17,756
2016	Graduate Dean's Prestigious Fellowship Supplement, The University of Texas at Austin, Graduate School US\$1,000
2016	Student Travel Grant Botany 2016, American Society of Plant Taxonomists US\$435
2016	Plant Biology Graduate Fellowship US\$1,125
2016	National Science Foundation, Doctoral Dissertation Improvement Grant – DDIG US\$12,948

2015	Texas Ecological Laboratory US\$18,051
2015	Jean Andrews Internship US\$1,500
2015	Linda Escobar Fellowship US\$1,000
2015	Graduate Dean's Prestigious Fellowship Supplement, The University of Texas at Austin, Graduate School US\$1,000
2015	Plant Biology Graduate Research Support US\$1,200
2014	Linda Escobar Fellowship US\$1,700
2014	Graduate Dean's Prestigious Fellowship Supplement, The University of Texas at Austin, Graduate School US\$1,000
2014	Plant Biology Graduate Student Research Support US\$800
2013	Department of Integrative Biology Support US\$4,660
2013–2017	Science without Borders CAPES/CNPq Ph.D. Scholarship (US\$15,600/year + tuition and insurance)
2011–2013	FAPESP Research Grant, Brazil US\$29,645
2011–2013	CNPQ MSc. Fellowship, Brazil US\$12,360
2009	CNPQ Undergraduate Fellowship, Brazil US\$1,545
2007	PIBEG-UFU Undergraduate Fellowship, Brazil US\$772

PEER-REVIEWED PUBLICATIONS

<https://scholar.google.com/citations?user=l0q5YpsAAAAJ&hl=en>

Coming soon

Brazilian Flora Group. Brazilian Flora 2020: Leveraging the power of a collaborative scientific network 2. *In review in Taxon*

Shimizu GH, **Gonçalves DJP**, Simões AO, Yamamoto K. *Vochysia sobralii* (Vochysiaceae), a new species from Serra do Cachimbo, Pará, Brazil. *In submission to Phytotaxa*

Published

Maurin O, Anest A, Bellot S, Biffin E, Brewer G, Charles-Dominique, Dodsworth S, Epitawalage N, Gallego B, Giaretta A, Goldenberg R, **Gonçalves DJP**, Graham S, Hoch P, Mazine F, Low YW, McGinnie C, Michelangeli F, Morris S, Penneys D, Pérez Escobar OA, Pillon Y, Pokorny L, Shimizu G, Staggemeier V, Thornhill A, Tomlinson K, Turner I, Vasconcelos T, Wilson PG, Zuntini AR, Baker WL, Forest F, Lucas E. 2021. A nuclear phylogenomic study of the angiosperm order Myrtales, exploring the potential and limitations of the universal Angiosperms353 probe set. *American Journal of Botany* 108(7): 1087–1111

<https://doi.org/10.1002/ajb2.1699>

Gonçalves DJP, Ortiz EMV, Shimizu GH, Jansen RK, Simpson BB. 2020b. Historical biogeography of Vochysiaceae reveals an unexpected perspective of plant evolution in the Neotropics. *American Journal of Botany* 107(7): 1-17.

<https://doi.org/10.1002/ajb2.1502>

Gonçalves DJP, Jansen RK, Ruhlman TA, Mandel JR. 2020a. Under the rug: abandoning misconceptions that obfuscate organelle evolution. *Molecular Phylogenetics and Evolution*

<https://doi.org/10.1016/j.ympev.2020.106903>

Gonçalves DJP, Simpson BB, Shimizu GH, Jansen RK, Ortiz EMV. 2019c. Genome assembly and phylogenomic data analyses using plastid data: Contrasting species tree estimation methods. *Data in Brief* 25: 1-6.

<https://doi.org/10.1016/j.dib.2019.104271>

Gonçalves DJP, Shimizu GH, Ortiz EMV, Simpson BB, Jansen RK. 2019b. Incongruence between species tree and gene trees and phylogenetic signal variation in plastid genes. *Molecular Phylogenetics and Evolution* 138: 219-232. Selected as Editor's Choice Article.

<https://doi.org/10.1016/j.ympev.2019.05.022>

Gonçalves DJP, Versiane AF. 2019a. The complete plastome sequence of *Microlicia cogniauxiana* R. Romero (Melastomataceae). *Mitochondrial DNA Part B* 4(1): 1957-1958.

<https://doi.org/10.1080/23802359.2019.1617058>

Brazilian Flora Group; **Gonçalves DJP**. 2018. Brazilian Flora 2020: Innovation and collaboration to meet Target 1 of the Global Strategy for Plant Conservation (GSPC). *Rodriguésia* 64(9): 1513-1527.

<http://dx.doi.org/10.1590/2175-7860201869402>

Shimizu GH, **Gonçalves DJP**. 2017. Flora of the cangas of Serra dos Carajás, Pará, Brazil: Vochysiaceae. *Rodriguésia* 68(3): 1159-1164.

<http://dx.doi.org/10.1590/2175-7860201768351>

Gonçalves DJP, Shimizu GH, Yamamoto K, Semir J. 2017. Vochysiaceae from the Diamantina Plateau region, Minas Gerais, Brazil. *Rodriguésia* 68(1):159-193.

<http://dx.doi.org/10.1590/2175-7860201768124>

Shimizu GH, **Gonçalves DJP**, França F, Simões AO, Yamamoto K. 2016. A remarkable new species of *Qualea* (Vochysiaceae) from Piauí state, Brazil. *Phytotaxa* 273: 262-268.

<http://dx.doi.org/10.11646/phytotaxa.273.4.2>

Shimizu GH, **Gonçalves DJP**, Litt A, Simões AO, Yamamoto K. 2016. The correct assignment of *Vochysia guianensis* (Vochysiaceae) lectotype. *Phytotaxa* 260(2): 199-200.

<http://dx.doi.org/10.11646/phytotaxa.260.2.10>

Gonçalves DJP, Yamamoto K, Romero R. 2013. Vochysiaceae from Serra da Canastra National Park, Minas Gerais, Brazil. *Rodriguésia* 64(4): 863-875.

<http://dx.doi.org/10.1590/S2175-78602013000400014>

Book Chapters

Gonçalves DJP, Shimizu G, Moulton L, Negrão R, Wimmer F. 2018. Vochysiaceae. In: Livro Vermelho da Flora Endêmica do Estado do Rio de Janeiro. Orgs. Gustavo Martinelli [et al.] Rio de Janeiro: Jardim Botânico do Rio de Janeiro: SEA – Secretaria de Estado do Ambiente: Andrea Jakobsson Estúdio. 456 p.

Shimizu GH, **Gonçalves DJP**. 2015. Vochysiaceae. In: Flora do Sergipe. orgs. Prata AP, Amaral MC, Farias MC, Alves MV. ed. Criação, Aracaju, Brasil. 291-294.

Shimizu GH, **Gonçalves DJP**, Amaro, R, Kustchenko D, Novaes L. 2014. Vochysiaceae. In: Livro Vermelho da Flora do Brasil - Plantas Raras do Cerrado. Orgs. Martinelly G, Messina T, Filho LS. 1 ed. Instituto de Pesquisas Jardim Botânico do Rio de Janeiro, Brasil, CNCFlores. 220-223.

Field Guides & online resources

Gonçalves DJP, Semir J. 2013. Vochysiaceae na região do Planalto de Diamantina. Rapid Color Guides. The Field Museum.

Shimizu GH; Souza LF; **Gonçalves DJP**; França, F. 2020. *Vochysiaceae* in Flora do Brasil 2020. Jardim Botânico do Rio de Janeiro. Available at: <http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB250>

ORAL PRESENTATIONS AND POSTERS

Invited talks

2021 Invited talk for students and faculty from the University of Panama: Evolución y diversificación de Ericales

2020 Keynote lecture: Equívocos sobre a evolução do plastome e como isso pode afetar a

- inferência filogenética, Simposio Digital de Sistemática e Evolução de Plantas, online Symposium, Brazil
- 2019 Invited job talk: The use of plastome data to infer phylogenies and phylogenomics and biogeography of a Neotropical clade, Field Museum of Natural History, Chicago, USA
- 2019 Invited talk in the Myrtales Symposium: Phylogenomics of Myrtales and incongruence between gene trees and species trees. XII Congreso Latinoamericano de Botánica, Quito, Ecuador
- 2016 Plastid genome evolution and its use in phylogenetic studies of Vochysiaceae. Jardín Botánico de Medellín, Medellín, Colombia

Contributed talks

- 2019 Historical biogeography of Vochysiaceae provides a different perspective of plant evolution in the Neotropics. Botany, Tucson, Arizona, United States. *Oral presentation*

Contributed posters

- 2019 Misconceptions about plastome organization and evolution. Botany, Tucson, Arizona, United States.
- 2019 Phylogenomics of *Adesmia* (Fabaceae) and the discordance between nuclear and plastome phylogenies. Botany, Tucson, Arizona, United States.
- 2018 The family Vochysiaceae in the Flora of Brazil 2020. XII Congreso Latinoamericano de Botánica, Quito, Ecuador.
- 2018 Phylogenomics of rosids: incongruence between gene trees and species trees refutes the “single locus” hypothesis of plastid genomes. Evolution, Montpellier, France.
- 2018 Molecular phylogenetics and character evolution in Vochysiaceae. XIX International Botanical Congress, Shenzhen, China.
- 2017 Plastid genome evolution across the rosids. Annual meeting of the Society for Molecular Biology and Evolution, Austin, Texas, United States.

MENTORSHIP

- 2021 (formal co-advisor) Juan David Tovar Duran, Ph.D. student at National Institute of Amazonian Research, co-advisor on the project Systematics and biogeography studies in the clade Geminata of *Solanum*
- 2021 (formal co-advisor) Matheus Bento Medeiros, Masters student at Federal University of Western Pará, co-advisor on the project Biogeography and evolutionary history behind floristic relationships of ferns and lycophytes between Neo and Afrotropical regions
- 2021 Janae White, University of Michigan Frontier Master Student (DNA extractions, masters project sampling, project development)
- 2021 Jorge Valdes, Universidad de Panama undergraduate student trained in research collections (herbarium specimens, DNA and RNA sampling in the field) and mentored about graduate school and career choices; advising for the development of the Flora of Vochysiaceae for Panama
- 2020-21 Raquel Pizzardo, prospective University of Michigan Masters student trained in research collections (RNA sampling in the field)
- 2020 Daniela Martins Alves, PhD student (grant writing)
- 2017–2018 Brooke Bowman, undergraduate Honor’s dissertation co-advisor

OUTREACH, DIVERSITY AND INCLUSION

- 2021 DNA Day Ambassador, gave a talk about Forensics and led a virtual lab activity about DNA isolation for high school students of the Charyl Stockwell Preparatory School (CSPA)
- 2021 Undergraduate Research Opportunity Program (UROP) Symposium, LSA, UofM, served as a judge
- 2021 SACNAS Feria de Ciencias En Nuestra Lengua, presented (in Spanish) an activity about evolution and domestication to six graders from Detroit area.

- 2018-2019 Social media outreach on Twitter (@MBL_molevol) and Facebook (@MolEvolWorkshop) for the Workshop on Molecular Evolution at the Marine Biological Laboratories, Woods Hole
- 2015 Organized a science show at the Lady Bird Johnson Wildflower Center with interactive activities for kids of all ages about pollination, the life cycle of plants, and the importance of bees and pollination in our diet. We placed mounted bees under stereoscopes, live bees recently collected at the Center, and a variety of finger food made with ingredients that rely on pollination.

FIELD EXPERIENCE

Brazil, Colombia, Panama, Peru, USA – fieldwork and logistics to obtain permits for collections and to export/import biological samples

LANGUAGE PROFICIENCY

Portuguese, English, Spanish (conversant), French (beginner)

SERVICE

- 2021 Co-organizer of the International Postdocs subcommittee of the Rackham Postdoctoral Association, University of Michigan
- 2021 Organizer of a monthly luncheon for the EEB postdocs
- 2021 Chair of Grants and Finance of Michigan DNA Day
- 2021 Invited to join the Editorial Board as Review Editor of Biogeography and Macroecology specialty section of the journal *Frontiers in Ecology and Evolution*
- 2018–present Reviewer (journals listed in alphabetical order): *Brazilian Journal of Botany*, *Brittonia*, *Frontiers in Ecology and Evolution*, *Frontiers in Genetics*, *Frontiers in Plant Sciences*, *Journal of Biogeography*, *Molecular Biology and Evolution*, *Nature – Scientific Reports*, *PeerJ*, *Phytotaxa*, *Rodriguésia*
- 2019 PyLadies-ATX chapter co-organizer
- 2017–2019 Graduate Student Faculty Representative, Department of Integrative Biology, The University of Texas at Austin
- 2017–2019 Graduate Student Representative, Dean’s Council, College of Natural Sciences

PROFESSIONAL AFFILIATIONS

American Society of Plant Taxonomy | Botanical Society of America
Sociedade Brasileira de Botânica | Sociedade Brasileira para o Progresso da Ciência
Society of Systematic Biology