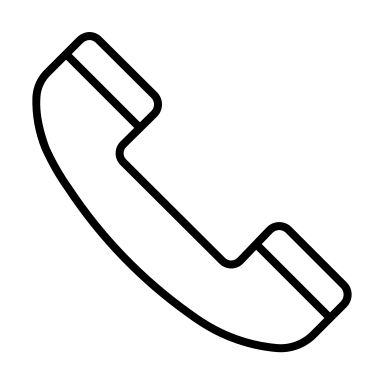
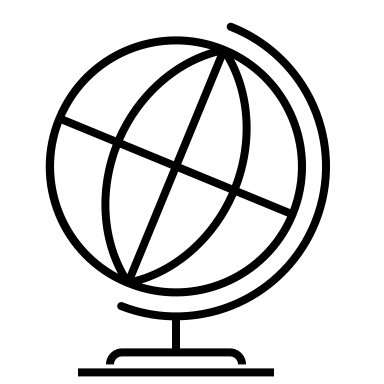
**DEISE JP GONÇALVES**

EVOLUTIONARY GENOMICS | BIOINFORMATICS

**CONTACT**

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LinkedIn Icon – Free Download, PNG and Vector Ann Arbor, MI

Free Github Logo Icon of Glyph style - Available in SVG, PNG, EPS, AI &  Icon fonts [linkedin.com/in/deisegoncalves](https://www.linkedin.com/in/deisegoncalves/)

[github.com/deisejpg](https://github.com/deisejpg)

**PROFILE**

Postdoctoral Researcher at the University of Michigan. Lead scientist and project manager (logistics, wet lab, dry lab, scientific writing, mentorship).

**EDUCATION**

2019

The University Of Texas At Austin [Austin, TX]

**Ph.D. in Plant Biology**

2013

State University Of Campinas [Brazil]

**Masters in Plant Biology**

2009

Federal University Of Uberlandia [Brazil]

**Bachelor of Science and Teaching License**

**MANAGEMENT SKILLS**

* Project and Team Management
* Slack, Git, Excel, PowerPoint
* Talent Acquisition

**TECHNICAL SKILLS**

* Bash, Python, R, cloud computing
* Data visualization
* Data exploration and interpretation
* High-throughput genomic data analyses (HPC, parallel computing)
* Project documentation, organization
* Statistics and Probability
* Scientific writing
* Teaching and public speaking

**EXPERIENCE**

2020 – PRESENT

**Postdoctoral Researcher**, University of Michigan

Leadership

* Genomic data analyses from cleaning and filtering to detecting variants and using statistical models to infer relatedness.
* Leading scientific projects, grant writing ($300,000 awarded from multiple agencies during grad school), and training personnel in the field and wet and dry lab.
* Interfacing with sequencing facilities to obtain high-quality genomic data (RNA and DNA) and with scientists in closely related areas to explore data and to look for further insights in research.
* Scientific communication in English, Portuguese, and Spanish to the scientific community and to audiences ranging from high school students to faculty members.
* Led the Student Body in the Department of Integrative Biology and in the Dean’s Council of the College of Natural Sciences at UT Austin.

Current Projects

* Leading scientist of the UofM team in an interinstitutional [NSF-funded project](https://www.nsf.gov/awardsearch/showAward?AWD_ID=1917146&HistoricalAwards=false).
* Analyzing data of hundreds (transcriptome) to thousands (nuclear target capture, genome skimming) of species of an ecologically and economically important plant group.

Past Projects

* Analyzed phylogenetic uncertainty in chloroplast genomes and how it impacts phylogenetic inference. Developed a user-friendly [pipeline](https://github.com/deisejpg/rosids) for data analyses that test the phylogenetic signal of sites or genes.
* Collaborated on the development of a new [analytical tool](https://github.com/edgardomortiz/sam2consensus) for evolutionary genomics which optimizes data processing time.
* [Published](http://www.deisegoncalves.com/pubs.html) scientific papers, gave oral and poster presentations at national and international meetings. Experience teaching and communicating with all ages.
* Co-organized the Austin Chapter of PyLadies.