

GRACIELLE TEIXEIRA HIGINO

Theoretical & Quantitative Ecology freak. SciComm & Open Science enthusiast.



EDUCATION

2020
|
2017

PhD. Candidate, Ecology and Evolution

Brazil / Canada

📍 Universidade Federal de Goiás / Université de Montréal

- Macroecology of ecological interactions
- CAPES and NSERC CREATE BIOS2 fellow

2016
|
2014

MSc. Tropical Biodiversity and Conservation

Maceió, Brazil

📍 Universidade Federal de Alagoas

- Macroecological and scientometric analyses of biodiversity gradients
- CAPES fellow

2012
|
2008

BSc. Biological Sciences

Maceió, Brazil

📍 Universidade Federal de Alagoas

- Androchromatism evolution in odonate genera Ischnura



RESEARCH EXPERIENCE

2016

Biologist

Maceió, Brazil

📍 Instituto do Meio Ambiente Herbarium

- Curatorship and administrative assistant



TEACHING EXPERIENCE

current
|
2018

IGNITE instructor

Brazil / Canada

📍 IGNITE

- Co-leader and instructor of the IGNITE SciComm trainings
- Basics of SciComm, written communication, open air activities, project management, inclusion and accessibility

2020

BIOS2/IGNITE SciComm training

online

📍 BIOS2/IGNITE

- Basics of SciComm, blog posts and Twitter



CONTACT

✉ Email

🐦 GracielleHiginio

🐙 GitHub

🌐 Website

📞 0000-0003-2791-8383

PROGRAMMING LANGUAGE SKILLS

R

Git

Julia

Bash

LANGUAGES

Portuguese Native
English Advanced
French Intermediate
Spanish Basic

Made with [pagedown](#).
[Source code](#).
Last updated on 2020-06-17.

- 2020 • **Data Driven Ecological Synthesis Summer School**
online • Université de Montréal
- Teacher Assistant
 - Project management, storytelling with data, mentoring
- 2020 | 2019 • **Data Trek**
Montréal, Canada • IVADO/BINUM/PoisotLab
- Project management, programming logic with Julia, data wrangling with Julia, git and version control
- 2019 • **Population Ecology**
Goiânia, Brazil • Universidade Federal de Goiás
- Teacher Assistant
 - Population dynamics models
- 2019 • **Julia CluBR**
Goiânia and Maceió, Brazil
- Julia syntax, data wrangling and visualization
- 2016 | 2014 • **Biological Evolution Study Group**
Maceió, Brazil
- Microevolution (4h course), basic concepts in Evolution (8h course)
- 2015 • **Fundamentals of Ecology and Evolution**
Maceió, Brazil • Universidade Federal de Alagoas
- Teacher Assistant
 - Niche, competition
- 2015 • **Mathematical Biology**
Maceió, Brazil • Universidade Federal de Alagoas
- Teacher Assistant
 - Science communication with data



SELECTED PUBLICATIONS, POSTERS, AND TALKS

- 2020 • **Mapping and understanding the digital biodiversity knowledge about vertebrates in the Atlantic Rainforest**
- Assessment of the inventory incompleteness for the Atlantic Rainforest biodiversity data, concerning amphibians, birds, mammals and reptiles.
 - <https://ecoevorxiv.org/c63vj/>
 - In review

- 2020 • **Data bias in the Atlantic Rainforest: uncovering the elephant in the room**
 Montréal, Canada • Québec Centre for Biodiversity Science
 .
- 2019 • **Islands of biodiversity digital knowledge on the Atlantic Rainforest and the environmental variables behind them**
 Belfast, UK • British Ecological Society Annual Meeting
 .
- 2018 • **Science Communication, empathy and everyday resistance**
 São João Del-Rei, Brazil • Universidade Federal de São João Del-Rei
 . The importance of empathy in Science Communication in difficult political contexts
- 2018 • **Women in Science: a Jurassic challenge**
 Goiânia, Brazil • Universidade Federal de Goiás
 . Challenges women face in the science career
- 2018 • **Como nossos pais**
 Goiânia, Brazil • Universidade Federal de Goiás
 . Old and new strategies in Science Communication
- 2018 • **Ecology and Evolution: a love story better than Twilight**
 Maceió, Brazil • II Encontro Alagoano de Evolução
 . History of Quantitative Ecology and its relation with Evolution
- 2017 • **How “open” is your science?**
 Viçosa, Brazil • XIII Congresso de Ecologia do Brasil / III International Symposium of Ecology and Evolution
 . The role of science communication in the open science movement