

SHORT CURRICULUM VITAE



**Fernanda Carolina da
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1. EDUCATION

- 2019 – present** PhD student in Ecology, UFSC, Brazil.
2016 – 2018 Master in Evolutionary Biology, UEPG, Brazil.
2012 – 2015 Bachelor in Biological Sciences, UEPG, Brazil.

2. PROFILE

I currently work with Dr. Sergio Floeter in the Marine Macroecology and Biogeography Lab, at the Federal University of Santa Catarina, Brazil. My main interest is understanding how global changes impact functional diversity in coral reef fish. As a Master in Evolutionary Biology, I have experience in reef environment ecology, including work such as the diet analysis of fish from northeastern Brazil (Maracajaú and Rio do Fogo shallow reefs in Protected Reef Area – APARC), sampling methods of fish from South Brazil (Verde River Basin in Environmental Protection Area of the Devonian Escarpment – EPADE), photo quadrat sampling of benthic communities and bycatch assessments (Tamandaré reef complex in Pernambuco, Brazil). I also gained practical knowledge with laboratory experiments, worked with molecular biology and microbiological techniques, besides doing animal behavior research.



SHORT CURRICULUM VITAE



3. PUBLICATIONS

Research paper

Silva FC, Ferreira JrA, Artoni R, Bessa E. Impact of feeding fish as tourist attraction on a coral reef carnivorous fish's diet and growth. (*Submitted to Aquatic Conservation*)

Silva FC, Moleta M, Anjos CA, Shade GM, Staichak G, Tozetto L, Farion I, Costa DA, Castilho L, Bessa E. Modeling prey-capture in orb-webs: testing traditional hypothesis about web efficiency? (*Submitted to Ethology*)

Zanoni E, **Silva FC**, Moreira N. Human-dog relationship: the quality of life in the domestic environment. (*Submitted to Animal Behavior Science*)

Albuquerque SAF, Etto RM, Furmam RW, Santos ARS, Souza AM, **Silva FC**, Hirooka LS, Cruz L, Oliveira ALM, Pileggi M, Ayub RA, Pedrosa FO, Galvão CW. *Burkholderia* sp. and the production of indole compounds are prevalent in the cultivable diazotrophic community of the maize rhizosphere from Southern Brazil. (*In preparation*)

Book chapter

Bessa E, **Silva F**, & Sabino J. (2017). Impacts of fish tourism. In *Ecotourism's Promise and Peril* (pp. 59-72). Springer, Cham.

4. OUTREACH

2019 – Author of the section: “Women in Science: From knowledge to recognition. In *Ellas* (pp. 65-71). Texto e Contexto Publishing Company.

2017 – Text on the website *Mulheres na Ciência*: “A dive with fish”. Home page: <http://mulheresnaciencia.com.br/um-mergulho-com-os-peixes/>

2017 – Text on the website *Ciência Hoje das Crianças online*: “A snack for the fish. Is it right to feed these animals in nature?” Home page: <http://chc.org.br/rex-dina-e-ziper-em/>

5. CO-ADVISOR IN SCIENTIFIC INITIATION

- I. Erick Parize. Biochemistry characterization and molecular identification of Plant Growth-Promoting Bacteria. 2017. Universidade Estadual de Ponta Grossa. Advisor: Dra. Carolina Weigert Galvão.
- II. Nathaly Cristine Telles. Isolation and biochemistry analysis of Plant Growth-Promoting Bacteria. 2017. Advisor: Dra. Carolina Weigert Galvão.

6. TEACHING EXPERIENCE

Mini-courses

- Ecology and Evolution of Neotropical Fishes: theoretical and practical aspects - I Winter Course in Evolutionary Biology by PPG BioEvol/UEPG.
- Neotropical Fishes – XXIX SAEB by UEPG.
- Ecology and Evolution of Fish – CESB by UNESPAR.

SHORT CURRICULUM VITAE



Lectures

Undergraduate Classes:

- Anthropogenic influence on richness and extinction patterns of species – General Ecology in Biological Sciences Undergraduate Degree at UEPG.
- Threats to Biodiversity – General Ecology in Biological Sciences Undergraduate Degree at UEPG.

7. OTHER RELEVANT INFORMATION

Languages

- Portuguese (native language)
- English (intermediate reading, basic speaking and writing)
- Spanish (basic reading)

Diving qualification

- PADI Open water diver

Scientific experience

- Fieldwork in marine systems with SCUBA and snorkeling/free diving
- Volunteer at the Brazilian Center for Research and Conservation of Northeastern Sea Marine Biodiversity – CEPENE, Brazil.
- Volunteer in the project research “Assessment of ichthyofauna and environmental quality of Verde River Basin, an impacted Neotropical basin” in UEPG, Brazil.

Certified by the author on June 01st 2019