

EDUCATION AND RESEARCH EXPERIENCE

- 2020- Smithsonian Institution Postdoctoral Fellow**, Smithsonian Tropical Research Institute (STRI)
- 2019 PhD in Organismic and Evolutionary Biology**, Harvard University
Dissertation: Gastropod phylogeny, biogeography and shell shape evolution
Faculty Advisor: Gonzalo Giribet
Summary of activities and interests: DNA/RNA extraction and library preparation; Nanopore MinION, Illumina and Sanger sequencing; transcriptomics; ddRAD; bioinformatics of phylogenomic datasets; programming in bash, R and python; computer cluster environment; transcriptome assembly; orthology assignment; phylogenetic methods; model-based biogeography; stack-imaging of fossil and extant shells; morphospace analyses; fieldwork.
- 2012 Research assistant**, University of Sao Paulo
Project: Identification of Sabellidae (Annelida) from Rio de Janeiro, Brazil
Faculty Advisor: João Nogueira
Summary of activities and interests: polychaete morphology, diversity; fieldwork.
- 2011 BSc in Biological Sciences**, University of Sao Paulo, Brazil
Thesis: Diversity and temporal and spatial distribution of macrofaunal communities associated with seaweeds in Abrolhos, Brazil
Faculty Advisor: Paulo Yukio Gomes Sumida
Summary of activities and interests: ecology; statistical analyses in R; identification of crustaceans, annelids, mollusks; fieldwork.

PUBLICATIONS

- Cunha TJ**, Giribet G. 2019 A congruent topology for deep gastropod relationships. *Proceedings of the Royal Society B*: 20182776 (<http://dx.doi.org/10.1098/rspb.2018.2776>)
- Cunha TJ**, Lemer S, Bouchet P, Kano Y, Giribet G. 2019 Putting keyhole limpets on the map: phylogeny and biogeography of the globally distributed marine family Fissurellidae (Vetigastropoda, Mollusca). *Molecular Phylogenetics and Evolution* 135: 249-269 (<https://doi.org/10.1016/j.ympev.2019.02.008>)
- Cunha TJ**, Güth AZ, Bromberg S, Sumida PYG. 2013 Macrofauna associated with the brown algae *Dictyota* spp. (Phaeophyceae, Dictyotaceae) in the Sebastião Gomes Reef and Abrolhos Archipelago, Bahia, Brazil. *Continental Shelf Research* 70:140-149 (<http://dx.doi.org/10.1016/j.csr.2013.09.001>)

Datasets

- Cunha TJ**, Lemer S, Bouchet P, Kano Y, Giribet G. 2019 Supplementary Material for Cunha et al. 2019 Fissurellidae. Harvard Dataverse: <https://doi.org/10.7910/DVN/CJSSLM>

2. **Cunha TJ**, Giribet G. 2019 Supplementary Material for Cunha and Giribet 2019 Gastropoda. Harvard Dataverse: <https://doi.org/10.7910/DVN/O85KLQ>

FELLOWSHIPS AND AWARDS

Fellowships

2020 Smithsonian Institution Postdoctoral Fellowship, STRI
2018 Faculty for the Future Fellowship, Schlumberger Foundation
2017 Merit Fellowship, Graduate Society Research Fellowships, Harvard GSAS
2013 Science without Borders Fellowship (full doctorate), CAPES/CNPq, Brazil (declined)
2012 Undergraduate Scholarship, FAPESP, Brazil
2010 Undergraduate Scholarship, FAPESP, Brazil

Research Grants

2017 Doctoral Dissertation Improvement Grant, National Science Foundation (\$ 21,970)
2016 Putnam Expedition Grant, Museum of Comparative Zoology (\$ 8,475)
2015 Graduate Student Research Award, Society of Systematic Biologists (\$ 1,500)

Awards

2018 Certificate of Distinction in Teaching from the Derek Bok Center, Harvard University
2016 Certificate of Distinction in Teaching from the Derek Bok Center, Harvard University
2015 Certificate of Distinction in Teaching from the Derek Bok Center, Harvard University
2015 Travel Award for the Symposium and Software School on Phylogenomics and Metagenomics (SSB 2015 Standalone Meeting), National Science Foundation
2012 Best R function and help page developed in the course 'R Language in the Analysis of Ecological Data', University of Sao Paulo (<http://tinyurl.com/RGeoBrazil>)
2012 Travel Award for the Sao Paulo School of Advanced Science – evolution, University of Sao Paulo

PRESENTATIONS

Upcoming Conferences

2019 A congruent topology for deep gastropod relationships
Conference: World Congress of Malacology, Pacific Grove, CA, USA

Conference Talks

2018 Resolving deep nodes in the gastropod phylogeny
Conference: GIGA III (Global Invertebrate Genomics Alliance), Curaçao
2016 Systematics of the diverse and global gastropod family Fissurellidae (Vetigastropoda) in a time-calibrated phylogeny
Conference: World Congress of Malacology, Penang, Malaysia
2016 The top diversity in the oceans: Evolution of marine snails
Event: PUB-Boston, US

Posters

- 2019 Evolution of vetigastropod shell shape in the Mesozoic and early Cenozoic eras
Conference: Evolution meeting, Providence RI, USA
- 2015 Systematics of a diverse and global clade of vetigastropods, the keyhole and slit limpets (Fissurellidae, Gastropoda, Mollusca)
Conference: Evolution meeting, Guarujá, Brazil
- 2012 Macrofauna associated with the brown algae *Dictyota* spp. (Phaeophyceae, Dictyotaceae) in the Sebastião Gomes Reef and Abrolhos Archipelago, Bahia, Brazil
Workshop: Sao Paulo School of Advanced Science – evolution, Ilhabela, Brazil
- 2010 Diversity and temporal and spatial distribution of the phytal community associated with the brown algae *Dictyota* spp. in the Sebastião Gomes Reef and Abrolhos Archipelago, Bahia, with emphasis in the Crustacea
Conference: VI Brazilian Congress of Crustaceans, Ilhéus, Brazil

TEACHING AND MENTORING EXPERIENCE

Teaching Assistant for Term-Time Courses

- 2018 Invertebrate Zoology, Harvard Extension School
- 2017 Phylogenetics and Phylogeography in the Era of Genomics, Harvard University
- 2016 Biology and Evolution of Invertebrate Animals, Harvard University
- 2015 Biology and Evolution of Invertebrate Animals, Harvard University
- 2013 R Software in the Analysis of Ecological Data, University of Sao Paulo
- 2010 Invertebrates, University of Sao Paulo
- 2008 Biological Diversity and Phylogeny, University of Sao Paulo

Pedagogical Training

- 2016 Mentoring Workshop, Life Sciences Education Office, Harvard University
- 2014 Derek Bok Center Fall Teaching Conference, Harvard University
- 2012 Teacher Licensure in Biological Sciences, University of Sao Paulo

Mentoring Experience

- 2017 High school student from the Cambridge Rindge and Latin School in the Marine Science Internship Program at Harvard, Spring term
- 2017 High school student from the St. John's Prep School in science project, Spring term

OUTREACH

Popular Media

- 2016 **Cunha TJ.** Were the first animals sponge-like? Complexity in the animal tree of life. Science in the News (<http://tinyurl.com/AnimalTree>)
- 2014 **Cunha TJ.** Untangling the spider's web. EvoBites (<http://tinyurl.com/EvoSpiderWeb>)
- 2014 **Cunha TJ.** Origins of Eukaryotes: Who are our closest relatives? Science in the News (<http://tinyurl.com/EvoEukaryotes>)

Professional memberships

- 2015- Society of Systematic Biologists
- 2016- Unitas Malacologica
- 2019- Society for the Study of Evolution

Outreach Activities

- 2016- Boston Malacological Club member; Social Media committee (2017-19)
- 2012 Biology guide to elementary school groups visiting natural environments e.g. caves and mangroves, Brazil
- 2009 Snorkeling guide at rocky shores to the public visiting the Ilha Anchieta State Park, NGO Ecosteiros, Environmental Education in Coastal Ecosystems, Brazil

MAJOR COURSES/WORKSHOPS ATTENDED

- 2018 Bioinformatic tools for population genomics data, University of Gothenburg, Sven Lovén Centre for Marine Sciences / Tjärnö Marine Laboratory
- 2012 Sao Paulo School of Advanced Science – evolution, Brazil
- 2012 Field course: ecology of the Atlantic Forest, University of São Paulo
- 2012 R language in the analysis of ecological data, University of São Paulo

FIELD EXPERIENCE**Fieldwork**

- 2019 Maldives
- 2016 Okinawa, Japan
- 2015 Bocas del Toro, Panama
- 2014 Dominican Republic
- 2011 Paraíba, Brazil

Diving Training (PADI)

- Advanced Open Water Diver
- Enriched Air Diver