



Thiago Quintão Araújo

SCIENTIFIC RESEARCHER & ADJUNCT PROFESSOR

Lowell, MA - United States of America

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Scientific IDs

SCOPUS - 36609786800

Research Gate - Thiago Q. Araújo

Web of Science - G-2888-2017

Google Scholar - Thiago Q. Araújo

Education

Ph.D. in Zoology (Systematics and Phylogenetics) · Federal University of Minas Gerais, Brazil May 2017

Dissertation: Morphological Phylogeny of the Family Xenotrichulidae (GASTROTRICHA)

Advisor: Dr. Alfredo H. Wieloch, *Co-advisor:* Dr. André Garraffoni

- **Sandwich Doctorate period at University of Massachusetts Lowell March 2015 - February 2016** *Advisor:* Dr. Rick Hochberg

MSc. in Forest Science · Federal University of Jequitinhonha and Mucuri Valleys December 2012

Thesis: The Effect of Environmental Degradation and water current flow on Meiofaunal Communities in a Lotic Ecosystem in the Brazilian Cerrado

Advisor: Dr. André Garraffoni

BSc. in Biological Sciences · Federal University of Jequitinhonha and Mucuri Valleys December 2010

Thesis: Gastrotricha survey in three hydrographic basins of State of Minas Gerais

Advisor: Dr. André Garraffoni

Professional experiences

UNIVERSITY OF MASSACHUSETTS LOWELL

Adjunct Professor. Lowell · MA · United States of America Jul 2025 - Current - Invertebrate Zoology

Postdoctoral Research Associate · Hochberg Lab Lowell · MA · United States of America Jun 2022 - Current

- Research focus on Rotifer (monogononts) reproduction
- Investigations muscular architectures of meiofaunal animals using CSLM and TEM techniques
- Mentoring graduate/undergraduate students
- Writing manuscripts/grants
- Committee member of graduate students
- Extension talks and activities

Graduate Research Assistant, Hochberg Lab University of Massachusetts Lowell, Lowell · MA · USA March, 2015 to May 2016

- International scholar program funding by Brazilian government
- Doctoral research
- Research on a systematic revision and new classification of Xenotrichulidae species under phylogeny
- Writing manuscripts

STATE UNIVERSITY OF CAMPINAS (UNICAMP)

Postdoctoral Research Associate, Evolution of Meiofaunal Organisms Lab

Aug 2018 - Jul 2021

- Writing manuscripts/grants
- Investigate the evolution of marine gastrotrichs of the family Thaumastodermatidae
- Teaching class about meiofauna biodiversity
- Teaching class about Systematics and Phylogenetics

FEDERAL UNIVERSITY OF MINAS GERAIS (UFMG)

Graduate Research Assistant, Federal University of Minas Gerais, Belo Horizonte · MG · Brazil April, 2013 to May 2017

- Doctoral research in Zoology
- Research on a systematic revision and new classification of Xenotrichulidae species under phylogenetic hypothesis
- Extension talks and activities

FEDERAL UNIVERSITY OF JEQUITINHONHA AND MUCURI VALLEYS (UFVJM)

Graduate Research Assistant, Diamantina · MG · Brazil

March 2011 to Dec 2012

- Masters research in Forestry
- Research on investigation of the effects of different levels of environmental degradation and precipitation on community composition and meiofaunal abundance
- Writing manuscripts

Undergraduate Research Assistant, Diamantina · MG · Brazil

July 2008 to Dec 2010

- Research on freshwater Gastrotricha diversity on Minas Gerais State
- Writing manuscripts

Peer-reviewed publications

- Sørensen, M. V., **Araújo, T. Q.**, Macheriotou, L., Braeckman, U., Smith, C. R. & Ingels, J. (2025) A new gastrotrich, *Musellifer leasiae* sp. nov. (Paucitubulatina, Muselliferidae), from Antarctica—the first Muselliferidae species description from the Southern Hemisphere. *Zootaxa*. doi: 10.11646/zootaxa.5647.4.3
- Campos, A., **Araújo, T. Q.**, M. Antonio Todaro, M. A. & Garraffoni, A. R. S. (2025). Description of a new species of *Paraturbanella*, new record of *Paraturbanella tricaudata* and new insights on reproductive traits in Turbanellidae (Gastrotricha: Macrotrichida). *Zoologischer Anzeiger*. doi: 10.1016/j.jcz.2025.05.010
- **Araújo, T. Q.**, Wallace, R. L., Walsh, E. J. & Hochberg, R. (2025). The curious case of stomach diverticula in *Epiphanes clavulata* (Rotifera: Monogononta). *Current Zoology*. doi: 10.1093/cz/zoaf032
- Minowa, A. K., Kieneke, A., Balsamo, M., Plewka, M., Guidi, L., **Araújo, T. Q.** & Garraffoni, A. R. S. (2025) New branch on the tree of life of Gastrotricha: establishment of a new genus for limno-terrestrial species. *Zoological Journal of the Linnean Society*. doi: 10.1093/zoolinnean/zlae166
- **Araújo, T. Q.** & Hochberg, R. (2024). Ultrastructure and Function of the Stalk Gland Complex of *Pompholyx faciemplarva* (Rotifera: Monogononta). *Journal of Morphology*. doi: 10.1002/jmor.70005
- Hochberg, R., Walsh, E. J., Wallace, R. L. & **Araújo, T. Q.** (2024). Ultrastructure of the extraordinary pedal gland in *Asplanchna* aff. *herricki* (Rotifera: Monogononta). *Journal of Morphology*. doi: 10.1002/jmor.21765
- **Araújo, T. Q.**, Walsh, E. J., Wallace, R. L. & Hochberg, R. (2024). A new species of *Pompholyx* (Rotifera: Monogononta) from the United States. *Journal of Natural History*. doi: 10.1080/00222933.2024.2345927
- Garraffoni, A. R. S., Campos, A., Minowa, A. K., Santos, E., Moura, M., Barros, R. C. & **Araújo, T. Q.** (2024) Expanding the taxonomic catalog of Brazilian meiofauna: diversity and distribution of the neglected phyla Tardigrada, Gastrotricha, and Kinorhyncha. *Zoologia*. doi: 10.1590/s1984-4689.v41.e23060

- **Araújo, T. Q.** (2024). A description of a new species of *Cephalodasys* (Macrodasyida: Gastrotricha) from Florida, USA using an integrative morphological approach. *Zootaxa*. doi: 10.11646/zootaxa.5463.4.8
- **Araújo, T. Q.**, Minowa, A. K. & Garraffoni, A. R. S. (2024) Trends on Gastrotricha research: a bibliometric analysis. *Biologia*. doi: 10.1007/s11756-024-01686-6
- Majdi, N., **Araújo, T. Q.**, Bekkouche, N., Fontaneto, D., Garrigue, J., Larrieu, L., et al. (2024). Freshwater and limno-terrestrial meiofauna of the Massane Forest Reserve in the Eastern French Pyrenees. *Biogeographia – The Journal of Integrative Biogeography*. doi: 10.21426/B639162226
- Meyer, S., **Araújo, T. Q.**, Walsh, E. J., Wallace, R. L. & Hochberg, R. (2024) Integrative microscopy to explore physical and nanomechanical properties of eggshells of diapausing embryos in Rotifera: a proof-of-concept study. *Journal of Natural History*. doi: 10.1080/00222933.2023.2279255
- **Araújo, T. Q.**, King-Trudeau, S., VanDyke, J. & Hochberg, R. (2023). First ultrastructural description of an apomictic opsiblastic egg in freshwater Gastrotricha. *Journal of Morphology*. doi: 10.1002/jmor.21659
- Hochberg, R., **Araújo, T. Q.**, Walsh, E. J., Mohl, J. E. & Wallace, R. L. (2023). Fine structure of the retrocerebral organ in the rotifer *Trichocerca similis* (Monogononta). *Zoologischer Anzeiger*. doi: 10.1111/ivb.12396
- Wallace, R. L., Dash, K. M., **Araújo, T. Q.**, Walsh, E. J., Das, S. & Hochberg, R. (2023). Ultrastructural characterization of the putative defensive glands (warts) in the sessile, colonial rotifer *Sinantherina socialis* (Gnesiotrocha; Flosculariidae). *Invertebrate Biology*. doi: 10.1016/j.jcz.2023.03.001
- **Araújo, T. Q.** & Hochberg, R. (2023). A new species of *Crasiella* (Gastrotricha: Planodasyidae) from Capron Shoal, Florida, USA. *Zootaxa*. doi: 10.11646/ZOOTAXA.5311.3.4
- **Araújo, T. Q.**, Wieloch, A. H., Hochberg, R., & Garraffoni, A. R. S. (2022). Description of *Xenotrichula tropicalis* sp. Nov. (Gastrotricha: Chaetonotida) and new records of Xenotrichulidae species from Brazil and USA. *Annales Zoologici*. doi: 10.3161/00034541anz2022.72.2.001
- **Araújo, T. Q.**, & Garraffoni, A. R. S. (2021). Description of a new scaled species of *Ptychostomella* (Gastrotricha: Macrodasyida) from the brazilian coast and a cladistics analysis of the genus. *Taxonomy*, 1(4), 278–289. doi: 10.3161/00034541anz2022.72.2.001
- Magpali, L., Machado, D. R. P., **Araújo, T. Q.** & Garraffoni, A. R. S. (2021). Long distance dispersal and pseudo-cryptic species in Gastrotricha: First description of a new species (Chaetonotida, Chaetonotidae, *Polymerurus*) from an oceanic island with volcanic rocks. *European Journal of Taxonomy*, 746. doi: 10.5852/ejt.2021.746.1319
- Guidetti, E. B., Campos, A., Batistão, A. R., Silva, A. T. da, Bilatto, C. G., Salgado, K. A., **Araújo, T. Q.**, & Garraffoni, A. R. S. (2021). Gastrotrichs and Tardigrades in a remnant of Atlantic forest (Serra do Japi, SP, Brazil). *Biota Neotropica*. doi: 10.1590/1676-0611-bn-2020-1165
- Pardo, J. C. F., **Araújo, T. Q.**, Capucho, A. T., Yap-Chiongco, M. K., Buckenmeyer, A., Jondelius, Y., Aramayo, V., Bergmeier, F. S., Andrade, L. F., Cherneva, I., Savchenko, A., Peixoto, A. J. M., Mikhlin, A., Davidson, A. M., Engelhardt, J., Frade, D., Ellison, C., Roberts, N. G., Costa, A. C. & Jörger, K. M. (2021). Tiny animals do live in the sand: A report of meiofaunal focused active-learning activities to increase ocean literacy in primary-school children. *Açoreana*, 177–186.
- Jörger, K. M., Álvaro, N. V., Andrade, L. F., **Araújo, T. Q.**, Aramayo, V., Artois, T., Ballentine, W., Bergmeier, F. S., Botelho, A. Z., Buckenmeyer, A., Capucho, A. T., Cherneva, I., Curini-Galletti, M., Davidson, A. M., Deng, W., Di Domenico, M., Ellison, C., Engelhardt, J., Fais, M., ... Costa, A. C. (2021). MEIOZORES 2019 - EXPLORING THE MARINE MEIOFAUNA OF THE AZORES. *Açoreana*, 17–41.
- **Araújo, T. Q.** & Hochberg, R. (2021). Marine gastrotricha of the azores: Updated checklist from são miguel island. *Açoreana*, 57–77.
- Garraffoni, A. R. S. & **Araújo, T. Q.** (2020). Phylum Gastrotricha. In D. C. Rogers, C. Damborenea, & J. James Thorp (Eds.), *Thorp and Covich's freshwater invertebrates* (pp. 125–144). Academic Press. doi: 10.1016/b978-0-12-804225-0.00007-1
- Garraffoni, A. R. S., **Araújo, T. Q.**, Lourenco, A. P., Guidi, L., & Balsamo, M. (2019). Integrative taxonomy of a new *Redudasys* species (Gastrotricha: Macrodasyida) sheds light on the invasion of fresh water habitats by macrodasyids. *Scientific Reports*. doi: 10.1038/s41598-018-38033-0

- Garraffoni, A. R. S., **Araújo, T. Q.**, Lourenço, A. P., Guidi, L., & Balsamo, M. (2017). A new genus and new species of freshwater Chaetonotidae (Gastrotricha: Chaetonotida) from Brazil with phylogenetic position inferred from nuclear and mitochondrial DNA sequences. *Systematics and Biodiversity*, 15(1), 49–62. doi: 10.1080/14772000.2016.1214189
- Garraffoni, A. R. S. & **Araújo, T. Q.** (2017). Phylogeny of *Pseudostomella* Swedmark, 1956 (Gastrotricha: Macro-dasyida) base on morphological data and first insights on the historical biogeography of Thaumastodermatidae. *Proceedings of the Biological Society of Washington*. doi: 10.2988/17-00014
- **Araújo, T. Q.** & Hochberg, R. (2017). Description of a new species of *Thaumastoderma* (Gastrotricha: Macro-dasyida: Thaumastodermatidae) from Belize and Tobago. *Proceedings of the Biological Society of Washington*. doi: 10.2988/17-00003
- Hochberg, R., Todaro, M. A., **Araújo, T. Q.**, Atherton, S., Balsamo, M., Chang, C. Y., Di Dimenico, M., Garraffoni, A. R., Guidi, L., Känneby, T., Kieneke, A., Kirk, J. J., Leasi, F., Lee, J., Nesteruk, T., Dal Zotto, M., Bownes, S. J., Cesaroni, L., Kim, I.-H., ... Perissinotto, R. (2017). A Tribute to William Hummon – gastrotrich biologist extraordinaire. *Proceedings of the Biological Society of Washington*. doi: 10.2988/17-00017
- **Araújo, T. Q.**, Checon, H. H., & Garraffoni, A. R. S. (2017). Alpha and beta diversity of freshwater meiofauna at different spatial scales in a neotropical lotic system. *Marine and Freshwater Research*. doi: 10.1071/mf15408
- **Araújo, T. Q.**, Wieloch, A. H., Vidigal, T. H. D., Hochberg, R., & Garraffoni, A. R. S. (2016). *Pseudostomella dolichopoda* Todaro, 2012 and *P. cataphracta* Ruppert, 1970 (Gastrotricha: Thaumastodermatidae): New records from Brazil and USA and an updated key to the genus. *Check List*. doi: 10.15560/12.6.1986
- **Araújo, T. Q.** & Hochberg, R. (2016). First description of a gastrotrich with four scale types, including feathered biancres, a novel find for Gastrotricha. *Journal of the Marine Biological Association of the United Kingdom*. doi: 10.1017/s0025315416000333
- **Araújo, T. Q.**, Atherton, S. & Hochberg, R. (2015). First record and a description of a new species of *Oregodasys* (Gastrotricha: Macro-dasyida: Thaumastodermatidae) from Tobago. *Proceedings of the Biological Society of Washington*. doi: 10.2988/0006-324x-128.3.176
- **Araújo, T. Q.**, Balsamo, M. & Garraffoni, A. R. S. (2014). A new species of *Pseudostomella* (Gastrotricha, Thaumastodermatidae) from Brazil. *Marine Biodiversity*. doi: 10.1007/s12526-014-0263-y
- **Araújo, T. Q.**, Coimbra Alcântara, F., & Rinaldo Senna Garraffoni, A. (2013). New records of Gastrotricha from Minas Gerais, Brazil. *Studies on Neotropical Fauna and Environment*. doi: 10.1080/01650521.2013.786953
- Garraffoni, A. R. S., **Araújo, T. Q.**, Lourenco, A. P. & Balsamo, M. (2010). New data on freshwater psammic Gastrotricha from Brazil. *Zookeys*. doi: 10.3897/zookeys.60.495
- Garraffoni, A. R. S. & **Araújo, T. Q.** (2010). Chave de identificação de gastrotricha de águas continentais e marinhas do Brasil. *Papéis Avulsos de Zoologia*. doi: 10.1590/s0031-10492010003300001

SUBMITTED OR *In press*

- Fontaneto, D., **Araújo, T. Q.** & Majdi, N. (2025) Bdelloid Rotifers from Aquatic and Limno-Terrestrial Habitats In The Massane Forest Reserve, France. *Vie & Milieu* “50 ans de la Massane.”

Technical bulletins and extension articles

- Wieloch, A. H. and **Araújo, T. Q.** (2020) Levantamento Preliminar da Espongofauna de Lagoas na Área de Influência Direta e Indireta da Usina Santo Ângelo, Pirajuba, MG. *Universidade Federal de Minas Gerais*

Invited talks and presentations

KEYNOTE SPEAKER

- 2023 Dauphin Island Sea Lab (DISL) Meiofauna Diversity and Taxonomy Workshop, Dauphin Island Sea Lab, Dauphin Island, AL - USA
Lecture: Phylum Gastrotricha

- *Workshop: Advances in Rotifer Phylogeny with a focus on Reproductive Traits*, El Paso, Texas - USA July/August 2023
Lecture: Using illustrating software
- *II Simpósio de Meiofauna do Brasil/ II Brazilian Meiofauna Simposium, Online*. Brazil junho 2021
Lecture: “Gastrotricha: quem são e onde vivem no Brasil?/ Gastrotricha: who are they and where do they live in Brazil?” (in Portuguese)
- Federal Institute of Education, Science and Technology of Ceará (IFCE), Jaguaribe, CE -Brazil October 2021
Lecture: Phylogenetic and Taxonomic Classifications
- Federal University of Piau, Floriano, PI - Brazil March 2019
Lecture: Meiofauna and the fantastic life between sand grains
- State University of Santa Cruz, Ilhéus, BA - Brazil November 2014
Lecture: “Introduction to the Phylum Gastrotricha” (In Portuguese)

SCIENTIFIC CONFERENCES

Oral Presentations

- **Araújo, T.Q.**, Van Dyke, J. & Hochberg, R. (2022). Soft bodies and saltatory locomotion: A myoanatomical comparison of the basis for appendage movement in semiplanktonic gastrotrichs and planktonic rotifers. *18th International Meiofauna Conference*, New Zealand
- **Araújo, T. Q.**. (2014) Adaptações morfológicas dos organismos meiofaunais para psamias. *II Simpósio de Zoologia Sistemática*, Belo Horizonte, MG - Brazil
- **Araújo, T. Q.** & Garraffoni, A. R. S. (2012). The use of Gastrotricha in biomonitoring studies: a case study at State Park of Rio Preto - MG. *XXIX Brazilian Congress of Zoology*, Salvador, BA - Brazil
- Vieira, K., Alcantara, F. C., **Araújo, T. Q.**, Pimentel, D. M., Lourenço, A. P. & Garraffoni, A. R. S. (2012). Efeitos da poluição por efluente doméstico na sobrevivência de Copepoda bentônico em laboratório. *I Semana da Integração*, Diamantina, MG - Brazil.

Poster presentations

- **Araújo, T.Q.** & Hochberg, R. (2023). Spines: Protection, Locomotion or both? Gastrotricha as a case study. *Society for Integrative and Comparative Biology Annual Meeting*, Austin, TX, United States of America
- **Araújo, T. Q.**, Wieloch, A. H., Hochberg, R. & Garraffoni, A. R. S. (2022). Investigating the cosmopolitanism of *Xenotrichula intermedia* (Gastrotricha: Chaetonotida: Xenotrichulidae) using a comparison of muscular architectures. *18th International Meiofauna Conference*, New Zealand
- **Araújo, T. Q.**, Wieloch, A. H., Hochberg, R. & Garraffoni, A. R. S. (2022). Systematic review and cladistic analysis of the family Xenotrichulidae (Gastrotricha: Paucitubulatina). *18th International Meiofauna Conference*, New Zealand
- **Araújo, T. Q.**, Garraffoni, A. R. S. & Vidigal, T.H.A.D. (2014) Filogenia morfológica e molecular da família Chaetonotidae (Gastrotricha). *II Simpósio de Zoologia Sistemática*, Belo Horizonte, MG - Brazil
- **Araújo, T. Q.** & Garraffoni, A. R. S. (2014). Efeito da degradação e do fluxo de corrente em comunidades meiofaunais de um ecossistema lótico no cerrado brasileiro. *XXX Brazilian Congress of Zoology*, Porto Alegre, RS - Brazil
- **Araújo, T. Q.** & Garraffoni, A. R. S. (2014). Descrição de um novo gênero e uma nova espécie de Gastrotricha (Chaetonotidae: Chaetonotinae) do Brasil. *XXX Brazilian Congress of Zoology*, Porto Alegre, RS - Brazil
- **Araújo, T. Q.**, Garraffoni, A. R. S., Oliveira, L. L. S., Batista, M. G. S., Batista, F. M. S., Carvalho, T. M. M., Moraes, A. M. R., Wieloch, A. H. & Vidigal, T. H. D. A. (2013). Primeiro levantamento de Gastrotricha no Nordeste Brasileiro. *XXX Brazilian Congress of Limnology*, Bonito, MS - Brazil
- Oliveira, L. L. S., **Araújo, T. Q.** & Garraffoni, A. R. S. (2013). Primeiro levantamento de Gastrotricha em lagoa costeira no Brasil. *XXX Brazilian Congress of Limnology*, Bonito, MS - Brazil

- **Araújo, T. Q.**, Oliveira, L. V. L., Alcantara, F. C. & Garraffoni, A. R. S. (2012). Utilização de microinvertebrados aquáticos em estudo de biomonitoramento: um estudo de caso no Parque Estadual do Rio Preto (Brasil). *XVI Congresso da Sociedade Ibérica de Limnologia*, Guimarães - Portugal
- Alcantara, F. C., **Araújo, T. Q.**, Gomes, M. E., Garraffoni, A. R. S. (2012). Gastrotricha brasileiros de águas continentais I: três novos morfótipos de *Polymerurus* Remane, 1927. *XXIX Brazilian Congress of Zoology*, Salvador, BA - Brazil
- Alcantara, F. C., **Araújo, T. Q.**, Garraffoni, A. R. S. (2011). Primeiro Registro do Gênero *Polymerurus* Remane, 1927 (Gastrotricha) no Estado de Minas Gerais e Descrição de um Novo Morfotipo. *XIII Jornada de Iniciação Científica e Tecnológica*, Diamantina, MG - Brazil
- **Araújo, T. Q.** & Garraffoni, A. R. S. (2011). Levantamento de Gastrotricha em três Bacias Hidrográficas do Estado de Minas Gerais. *XIII Jornada de Iniciação Científica e Tecnológica*, Diamantina, MG - Brazil
- 10+ abstracts in Brazilian Professional meetings from 2008 to 2011

WORKSHOPS

- **Araújo, T.Q.** (2023). Lab work: Preparing illustrations for publication. *Workshop: Advances in Rotifer Phylogeny with a focus on Reproductive Traits*, El Paso, Texas - USA
- **Araújo, T.Q.** (2023). Mentor on Gastrotricha and meiofaunal animals. *2023 Dauphin Island Sea Lab (DISL) Meiofauna Diversity and Taxonomy Workshop*, Dauphin Island Sea Lab, Dauphin Island, AL - USA

EXTENSION AND TRAINING EVENTS

- Fundação Centro Tecnológico de Minas Gerais, Belo Horizonte, MG - Brazil. May 2012
Course theme: "Taxonomy and Ecology of Freshwater Gastrotricha" (In Portuguese)

Member of events organization committee

- *Workshop: Advances in Rotifer Phylogeny with a focus on Reproductive Traits*, El Paso, Texas - USA 2023
- Ad-hoc Reviewer for scientific abstracts submitted to XXXIV Congresso Brasileiro de Zoologia. Curitiba, PR - Brasil 2022.
- Ad-hoc Reviewer for scientific abstracts submitted to XXXIII Congresso Brasileiro de Zoologia. Águas de Lindóia, SP - Brasil 2020.
- Moderator of *I Simpósio Brasileiro de Meiofauna* of the XXXIII Congresso Brasileiro de Zoologia. Águas de Lindóia, SP - Brasil 2020.
- *I Simpósio Mineiro de Sistemática e Biogeografia*. Diamantina, MG - Brazil 2012
- *Ciclo de Palestras - 2010 Ano da Biodiversidade*. Diamantina, MG - Brazil 2010
- *I Seminário de Formação do Profissional Biólogo*. Diamantina, MG - Brazil 2009
- *II Semana da Biologia UFVJM - Os diversos Caminhos dessa Ciência*. Diamantina, MG - Brazil 2009
- *II Semana de Meio Ambiente*. Diamantina, MG - Brazil 2009.
- *I Semana de Biologia UFVJM - Biodiversidade e Conservação do Espinhaço*. Diamantina, MG - Brazil 2008

Research qualifications and skills

LABORATORY

- Experience on different microscopy techniques: Scanning Electron Microscopy, Transmission Electron Microscopy, Confocal Laser Scanning Microscopy

FIELD

- Experiment setup and design, sampling techniques, sampling planning, and others.

INTERPERSONAL AND COMMUNICATION SKILLS

- Ability to work, collaborate and communicate effectively (problem solving) with people from different backgrounds and cultures

LANGUAGES

- Portuguese (Native)
- English (Advanced)
- Spanish (Basic)

Grants, scholarships and awards

- NSF postdoctoral scholarship
- University of Azores. Ponta Delgada, Portugal July 2019
VW-Summer school - Exploring the marine meiofauna of the Azores – from discovery to scientific publication
- FAPESP postdoctoral grant, Campinas, SP - Brazil Aug 2018 - Jul 2021 State University of Campinas (UNICAMP)
Title: Integrative Taxonomy, morphological phylogenetic analysis and evolution of muscular system of Thaumastodermatidae Remane, 1927 (Gastrotricha: Macrodasyida)
- Sandwich Doctorate period at University of Massachusetts Lowell March 2015 - February 2016
Science without Borders/CNPq – Conselho Nacional de Desenvolvimento Científico e Tecnológico, Brazil
Title: Morphological Phylogeny of Xenotrichulidae (Gastrotricha) (\$18,200)
- FAPEMIG PhD scholarship, Belo Horizonte, MG - Brazil 2014 - 2015, 2016 - 2017 Federal University of Minas Gerais
Title: Morphological Phylogeny of Xenotrichulidae (Gastrotricha)
- CAPES PhD scholarship, Belo Horizonte, MG - Brazil Aug 2013 - Feb 2014
Federal University of Minas Gerais
Title: Morphological Phylogeny of Xenotrichulidae (Gastrotricha)
- CAPES MSc. scholarship, Diamantina, MG - Brazil Jun 2011 - Jan 2013
Federal University of Jequitinhonha and Mucuri Valleys
- FAPEMIG undergraduate scholarship, Diamantina · MG · Brazil Jan 2010 - Jan 2011
Federal University of Jequitinhonha and Mucuri Valleys
- I Semana de Integração: Ensino, pesquisa e extensão - Federal University of Jequitinhonha and Mucuri Valleys, Diamantina · MG · Brazil June 2012
1st Place Outstanding Oral Presentation

Teaching, mentoring and leadership

TEACHING

- Metazoan Parasitology Lab (*Teaching Assistant*), University of Massachusetts Lowell Spring 2025
- Invertebrate Zoology Lab (*Teaching Assistant*), University of Massachusetts Lowell Fall 2024
- Metazoan Parasitology Lab (*Teaching Assistant*), University of Massachusetts Lowell Fall 2023
- Invertebrate Zoology Lab (*Teaching Assistant*), University of Massachusetts Lowell Spring 2023
- Systematics and Phylogenetics, State University of Campinas (UNICAMP) February to July 2020
- Systematics and Phylogenetics, State University of Campinas (UNICAMP) February to July 2019
- Meiofauna Lab, State University of Campinas August to December 2019
- Marine Invertebrates, Federal University of Piauí March 2019
- Meiofaunal organisms Lab, Federal University of Piauí March 2019
- Introduction of Marine Biology, Federal University of Jequitinhonha and Mucuri Valleys November 2014

MENTORING AND STUDENT SUPERVISION

- Alex LaFrance MS.c, *University of Massachusetts Lowell* Current MS.c Student
- Simon King-Trudeau, MSc. , *University of Massachusetts Lowell* Current PhD Student
- Joanna Van Dyke, MSc. , *University of Massachusetts Lowell* Current PhD Student
- Sara Aldihabi, BS Honors Research: Muscular architecture of Synchaeta and Polyarthra (Rotifera: Synchaetidae), *University of Massachusetts Lowell* Spring 2022
- Lauren D'Entremont, Undergraduate Senior Research: Trophi's muscular architecture of Synantherina (Rotifera), *University of Massachusetts Lowell* Fall 2022
- Stephanie Meyers, MSc. Structure and nanomechanical properties of resting eggshells in Rotifera, *University of Massachusetts Lowell* Spring 2022
- Danilo Reali Ponciano Machado, MSc. First description of a freshwater species of Gastrotricha (Chaetonotida: Chaetonotidae) from an island of volcanic rocks. *State University of Campinas (UNICAMP)* 2019

COMMITTEE MEMBER FOR DEGREE THESIS

- Joanna Van Dyke, MSc. , *University of Massachusetts Lowell* Current PhD Student
- Stephanie Meyers, PhD. Structure and nanomechanical properties of resting eggshells in Rotifera, *University of Massachusetts Lowell* Spring 2022
- Fabrício Coimbra Alcantara, BSc. Avaliação de diferentes métodos de fixação preservação de organismos meiofaunais bentônicos de água doce. *Federal University of Jequitinhonha and Mucuri Valleys* 2013
- Keila Cristina Vieira, BSc. Efeitos da poluição por efluente doméstico na sobrevivência de copepoda bentônico em laboratório. *Federal University of Jequitinhonha and Mucuri Valleys* 2013
- Carlos Antonio Bispo, BSc. Análise do impacto ambiental no ambiente aquático gerado pela visitação no Parque Estadual do Biribiri (Diamantina, MG): uso dos insetos aquáticos como bioindicadores. *Federal University of Jequitinhonha and Mucuri Valleys* 2012

Visitor Scholar and International Experience

- University of Massachusetts Lowell. Lowell, MA - USA May 2018
Laboratory research on muscular architecture of marine Gastrotricha using confocal techniques under Dr. Rick Hochberg's supervision
- Università degli Studi di Urbino Carlo Bo. Urbino - Italy July 2012
Laboratory research on freshwater Gastrotrich under Dr. Maria Balsamo's supervision

INTERNATIONAL EXPEDITION

- Organization and participation of the first all-taxa survey of meiofaunal representatives in an expedition in La Forest Massane Reserve (UNESCO World Heritage), France for 30 days.

Journal Editor

- Zootaxa

Journal Referee

- Annales Zoologici
- European Journal of Taxonomy
- Cahiers de Biologie Marine
- Proceedings of the Biological Society of Washington
- Invertebrate Biology

- Zootaxa
- Check List
- Polish Polar Research
- Japanese Society of Systematic Zoology
- Revista da Biologia

Personal Projects

- Blog: <https://araujotq.netlify.com> - My blog developed with Hugo, blogdown, Rstudio, and GitHub