Laura Rodrigues Vieira de Alencar

Contact Information

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Google Scholar
Website

Research Interests

The central goal of my research is to understand how biodiversity is generated, lost and maintained. I identify, quantify, and document large-scale biodiversity patterns and connect different levels of biological organization to untangle the processes driving these patterns. To address these goals, I mostly use squamate reptiles by combining an array of biological information, such as natural history, morphological, geographical, physiological and phylogenetic information.

Current Position

Yale University — New Haven, CT, United States
Postdoctoral Associate — 2021-present

Past Professional Experience

- Postdoctoral Researcher (2019-2021), Department of Biological Sciences, Clemson University, Clemson, United States.
- Postdoctoral Researcher (2017-2019), Department of Ecology, University of Sao Paulo, Sao Paulo, Brazil.

Education

University of Sao Paulo, Sao Paulo, Brazil

- PhD, Ecology (2012-2016): *Species and morphological diversification in snakes of the family Viperidae: patterns and processes.* Advisors: Prof. Marcio Martins & Prof. Tiago Quental.
- MS, Ecology (2008-2010): *Ecomorphology in Neotropical snakes: a study with the tribe Pseudoboini.* Advisor: Prof. Marcio Martins.

Pontifical Catholic University of Minas Gerais PUC-Minas, Belo Horizonte, Minas Gerais, Brazil

- BS, Biology (2003-2006): *Reproductive aspects and diet in two populations of Oxyrhopus trigeminus, with remarks on a population of Oxyrhopus guibei in Minas Gerais state, Brazil*. Advisor: Prof. Luciana B. Nascimento.
- Teaching credentials in Biology (2003-2006).

Complementary Education

- 2014, Bodega applied phylogenetics, Bodega Bay, California, USA.
- 2013, Analyses on computational phylogenetics, Butantan Institute, Sao Paulo, Brazil.
- 2012, R methods in macroevolution workshop, Santa Barbara, California, USA.

Grants and fellowships

- 2017-2019 FAPESP Postdoctoral fellowship ($ 61,000)
- 2017 Visiting fellowship Australian Museum ($ 1,100)
- 2014 Visiting fellowship The Field Museum ($ 1,500)
- 2012 Grant to attend the Short Course on Macroevolution in R, University of California and University of Idaho ($ 1,200)
- 2012-2015 FAPESP Ph.D scholarship ($ 50,000)
- 2008-2010 FAPESP M.Sc. scholarship ($ 10,100)
- 2008 Teaching assistant scholarship, University of Sao Paulo ($ 480)
- 2005-2006 Assistant curator scholarship, Museum of Natural Sciences of the Pontifical Catholic University of Minas Gerais ($ 1,000)

In Review

2. **Alencar, L.R.V.**, Quental, T.B. Geographical and ecological drivers of coexistence dynamics in squamate reptiles. *Global Ecology and Biogeography.* Preprint here.

1. Esparza-Estrada, C.E., **Alencar, L.R.V.**, Terribile, T.C., Rojas-Soto, O., Yáñez-Arenas, C., Villalobos, F. Vipers on the scene: assessing the relationship between speciation and climatic niche evolution in venomous snakes (Reptilia: Viperidae). *Evolutionary Biology.*

Peer Reviewed Publications

20. Leme, L.G.P., **Alencar, L.R.V.**, Tambosi, L., Carrasco, P., Scrocchi, G., Sigalla, J., Martins, M. 2022. Conservation gaps for Neotropical vipers: Mismatches between protected areas, species richness and evolutionary distinctiveness. *Biological Conservation*, 275, 109750.

19. Rautsaw, R.M., Jimenez-Velázquez, G.J., Hofmann, E.P., **Alencar, L.R.V.**, Grunwald, C.I., Martins, M., Carrasco, P., Doan, T., Parkinson, C.L. 2022. VenomMaps: Updated Distribution Maps and Niche Models for New World Pitvipers (Viperidae: Crotalinae). *Scientific Data*, 232, 1-9.

18. **Alencar, L.R.V.**, Hodge, J., Friedman, S., Wainwright, P.C., Price, S.A. 2022. Size as a complex trait and the scaling relationships of its components across teleosts. *Evolutionary Ecology*, 36, 471-487.

17. Pontes-Nogueira, M., Martins, M., **Alencar, L.R.V.**, Sawaya, R. 2021. The role of vicariance and dispersal on the temporal range dynamics of forest vipers in the Neotropical region. *PlosOne*, 16, e0257519.

16. **Alencar, L.R.V.**, T.B. Quental. 2021. Linking population-level and microevolutionary processes to understand speciation dynamics at the macroevolutionary scale. *Ecology and Evolution*, 11, 5828-5843.

15. Larouche, O., Hodge, J.R., **Alencar, L.R.V.**, Camper, B., Adams, D.S., Zapfe, K., Friedman, S., Wainwright, P.C., Price, S.A. 2020. Do key innovations unlock diversification? A case-study on the morphological and ecological impact of pharyngognathy in acanthomorph fishes. *Current Zoology*, 66, 575-588.

14. **Alencar, L.R.V.**, Quental, T.B. 2019. Exploring the drivers of population structure across desert snakes can help to link micro and macroevolution *Molecular Ecology*, 28, 4529-4532 (News and Views).

13. Birskis-Barros, I., **Alencar, L.R.V.**, Prado, P.I., Böhm, M., Martins, M. 2019. Ecological and conservation correlates of rarity in New World pitvipers *Diversity*, 11, 147.

12. Burin, G., **Alencar, L.R.V.**, Chang, J., Alfaro, M., Quental, T.B. 2019. How well can we estimate diversity dynamics for clades in diversity decline? *Systematic Biology*, 68, 47-62.

11. **Alencar, L.R.V.**, Martins, M., Greene, H.W. 2018. Evolutionary history of vipers. *Encyclopedia of Life Sciences (eLS).*

10. **Alencar, L.R.V.**, Martins, M., Burin, G., Quental, T.B. 2017. Arboreality constrains morphological evolution but not species diversification in vipers. *Proceedings of the Royal Society B*, 284, 20171775.

9. Maritz, B., Penner, J., Martins, M, Crnobrnja-Isailoc, J., **Alencar, L.R.V.**, Rodriguez, J.S., Messenger, K., Clark, R.W., Soorae, P., Luiselli, L., Jenkins, C., Greene, H.W. 2016. Identifying global priorities for the conservation of vipers. *Biological Conservation*, 204A, 94-102.

8. **Alencar, L.R.V.**, Quental, T.B., Grazziotin, F.G., Alfaro, M.L., Martins, M., Venzon, M., Zaher, H. 2016. Diversification in vipers: phylogenetic relationships, time of divergence and shifts in speciation rates. *Molecular Phylogenetics and Evolution*, 105, 50-62.

7. Gaiarsa, M. P., **Alencar, L.R.V.**, Valdujo, P.H., Tambosi, L.R., Martins, M. 2015. Setting conservation priorities within monophyletic groups: an integrative approach. *Journal for Nature Conservation*, 24, 49-55.

6. Ruggeri, J., Longo, A., Gaiarsa, M.P., **Alencar, L.R.V.**, Lambertini, C, Leite, D.S., Carvalho-e-Silva, S.P., Zamudio, K.R., Toledo, L.F., Martins, M. 2015. Seasonal variation in population abundance and chytrid infection in stream-dwelling frogs of the Brazilian Atlantic Forest. *PlosOne*, 10, e013554.

5. **Alencar, L.R.V.**, Nascimento, L.B. 2014. Natural history data of a common snake suggest inter-populational variation and conservatism in life history traits: the case of *Erythrolamprus poecilogyrus*. *Herpetological Journal*, 24, 79-85.

4. Böhm, M., Collen, B, Baillie, J.E.M., Bowles, P., Chanson, J., Cox, N., Hammerson, G., Hoffmann, M., Livingstone, S.R., Ram, M., Rhodin, A.G.J., Stuart, S.N., Van Dijk, P.P., Young, B.E., Afuang, L.E., Aghasyan, A., García, A., Aguilar, C., Ajtic, R., Akarsu, F., **Alencar, L.R.V.** et al. 2013. The conservation status of the world's reptiles. *Biological Conservation*, 157, 372-385.

3. Gaiarsa, M.P., **Alencar, L.R.V.**, Martins, M. 2013. Natural history of pseudoboine snakes. *Papéis Avulsos de Zoologia*, 53, 261-283.

2. **Alencar, L.R.V.**, Gaiarsa, M.P., Martins, M. 2013. The evolution of diet and microhabitat use in pseudoboine snakes. *South American Journal of Herpetology*, 8, 60-66.

1. **Alencar, L.R.V.**, Galdino, C.A.B., Nascimento, L.B. 2012. Life history aspects of *Oxyrhopus trigeminus* (Serpentes: Dipsadidae) from two sites in Southeastern Brazil. *Journal of Herpetology*, 46, 9-13.

Natural History Notes

5. Vieira-Alencar J.P.S., **Alencar, L.R.V**. 2020. *Bothrops pauloensis* (Marbled lancehead). Defensive behavior. *Herpetological Review*, 51, 342-348.

4. **Alencar, L.R.V.**, Gaiarsa, M.P., Martins, M., Gennari, D. 2012. *Hylodes phyllodes* (Amphibia, Anura, Hylodidae): nocturnal calling behavior. *Herpetologia Brasileira*, 1, 82-83.

3. Gaiarsa, M.P., **Alencar, L.R.V.**, Martins, M. 2012. Predator or prey? Predatory interactions between the frog *Cycloramphus boraceiensis* and the spider *Trechaleoides biocellata* in the Atlantic Forest of Southestearn Brazil. *Herpetology Notes*, 5, 67-68.

2. **Alencar, L.R.V.**, Righi, A.F., Nascimento, L.B., Morato, S.A.A. 2009. *Siphlophis longicaudatus* (Brazilian Spotted Night Snake): Habitat. *Herpetological Bulletin*, 108, 37-39.

1. **Alencar, L.R.V.**, Galdino, C.A.B., Nascimento, L.B. 2009. *Oxyrhopus guibei*. Diet. *Herpetological Review*, 3, 357-358.

Book Chapters

1. Martins, M., **Alencar, L.R.V.**, Prado, C.P.A., Rossa-Feres, D. 2021. A importância da história natural para a herpetologia. In: Herpetologia Brasileira Contemporânea. 1ed. (Translation: The importance of natural history to herpetology)

Outreach & Other Publications

4. Vasconcelos, B.D, Costa-Rodrigues, A.P.V., Mello, A.V.A, Cassini, C.S., Salvino, C.A., Gennari, D.P.T., Fenker, J., Pereira, J.A., **Alencar, L.R.V.**, Souza, L.G., Silva, M.B., Torello-Viera, N.F., Friol, N.R, Mângia, S., Alencar, T., Mossioli, Y.C.S., Franca, D.P.F. 2021. Herpetologia Segundo as Herpetólogas: A breath of female representation in Brazilian science. *Herpetologia Brasileira*, 10:96-106.

3. Gaiarsa, M.P., Sebastián-González, E., Mortara, S.R., Martins, A.B., Maia, K., Lemos-Costa, P., Castanho, C., Birskis-Barros, I., Astegiano, J., Assis, A.P., Andreazzi, C.S., **Alencar, L.R.V.** 2019. The role of sorority in building collective science. *Science*, eLetter.

2. **Alencar, L.R.V.** 2018. To share or not to share geographical space? exploring why, where and when lizard and snakes species coexist (Blog). Available at Australian Museum blog

1. Del Lama, F.S., **Alencar, L.R.V.**, Galdino, C.A.B. 2007. Você sabia que alguns sapos não comem só insetos? *Revista Ciência Hoje das Crianças*, 186, p.16. (Translation: Did you know that some frogs don't only eat insects?)

Invited Talks

- 2023. Untangling the radiation of lizards and snakes. Biology Colloquium series, Biology Department, City College of New York, New York, United States. (scheduled)
- 2023. Untangling the radiation of squamate reptiles. XVI Reunión Nacional de Herpetología, Ensenada, Baja California, Mexico.
- 2022. Untangling the radiation of squamate reptiles. SDSU department seminar, San Diego State University, California, United States.
- 2021. Adaptive zones in vertebrates. Natural Resource Sciences Department Seminar Series, McGill University, Montreal, Canada.
- 2021. Adaptive zones in vertebrates. Fritz Muller Seminar Series, Department of Ecology, University of Sao Paulo, SP, Brazil.
- 2021. Adaptive zones and the radiation of vertebrates. Biological Sciences Seminar Series, Clemson University, South Carolina, United States.
- 2019. Macroevolution in squamate reptiles. V Symposium of Zoology, Federal University of Parana, Curitiba, PR, Brazil.
- 2019. The radiation of New World pitvipers: A macroevolutionary perspective. Biology of Pitvipers 3, Rodeo, NM, United States.
- 2018. Dynamics of species coexistence in lizards and snakes. Butantan Institute, Sao Paulo, SP, Brazil.
- 2018. Diversification dynamics and species coexistence in squamates. Western Australian Museum, Perth, WA, Australia.
- 2018. Diversification dynamics and species coexistence in squamates. Australian Museum, Sydney, NSW, Australia.
- 2017. Diversification dynamics and species coexistence in squamate reptiles. Federal Univesity of Sao Paulo (UNIFESP), Sao Paulo, SP, Brazil.
- 2013. Diversification dynamics in vipers. Institute of Zoology (ZSL), London, England.

Talks at Professional Meetings (presenting author)

- **Alencar, L.R.V.**, Hodge, J., Friedman, S., Wainwright, P., Price, S.A. 2021. How fishes change their size and how such changes impact clade-level dynamics. Society for the Integrative and Comparative Biology Annual Meeting (virtual).
- **Alencar, L.R.V.** 2019. Natural history and macroevolution in reptiles and amphibians. IX Brazilian Congress of Herpetology, Campinas, SP, Brazil.
- **Alencar, L.R.V.**, Birkis, I., Martins, M., Quental, T.B. 2017. Diversification in time and space: disentangling the radiation of New World pitvipers. Evolution Meeting, Portland, OR, US.
- **Alencar, L.R.V.**, Burin, G., Martins, M., Quental, T.B. 2015. Arboreal habitats constrain phenotypic but not species diversification in vipers. Evolution Meeting, Guaruja, SP, Brazil.
- **Alencar, L.R.V.**, Burin, G., Martins, M., Quental, T.B. 2015. Do diversification rates decrease after the invasion of arboreal habitats in snakes? A preliminary approach using vipers as models. VII Brazilian Herpetology Meeting, Gramado, RS, Brazil.
- **Alencar, L.R.V.**, Gaiarsa, M.P., Martins, M. 2011. Evolutionary relationships between morphology and diet in Neotropical snakes: are the expected changes always evident? V Brazilian Herpetology Meeting, Curitiba, PR, Brazil.

Poster presentations at Professional Meetings (presenting author)

- **Alencar, L.R.V.**, Domínguez-Guerrero, S.F., Gade, M., Daniel, E., Bodensteiner, B.L., Uyeda, J.C., Muñoz, M. 2023. Opportunity begets opportunity to drive speciation dynamics of a diverse lizard radiation. Speciation Conference GRC, Lucca, LU, Italy.
- **Alencar, L.R.V.**, Domínguez-Guerrero, S.F., Gade, M., Daniel, E., Bodensteiner, B.L., Uyeda, J.C., Muñoz, M. 2022. Untangling the radiation of lizards (Pleurodonta) and the role of viviparity in driving species diversification. Evolution Meeting, Cleveland, OH, USA.
- **Alencar, L.R.V.**, Quental, T.B. 2019. Linking population-level processes and macroevolutionary patterns to understand explosive radiations. Evolution Meeting, Providence, RI, USA.
- **Alencar, L.R.V.**, Gaiarsa, M.P., Martins, M. 2009. Possíveis efeitos de hábitos arborícolas e terrícolas sobre a morfologia de serpentes da tribo Pseudoboini. IV Brazilian meeting of Herpetology, Pirenópolis, GO, Brazil.
- **Alencar, L.R.V.**, Galdino, C.A.B., Nascimento, L.B. 2007. Reprodução e dieta de Oxyrhopus trigeminus Duméril, Bibron e Duméril, 1854 (Serpentes: Colubridae) em Minas Gerais, Brasil. III Brazilian meeting of Herpetology, Belém, PA, Brazil.
- **Alencar, L.R.V.** Santos, T., Galdino, C.A.B., Nascimento, L.B. 2006. Dimorfismo Sexual e Tamanho de Ninhada de Liophis poecilogyrus da Região de Aimorés, Minas Gerais. XXVI Brazilian meeting of Zoology, Londrina, PR, Brazil.

Teaching experience

- 2020-2021 Instructor/Lecturer "Creative Inquiry - FishShape project", BIOL4940, Undergraduate course, Clemson University, Clemson, US. Instructors: Prof. Samantha Price, Dr. **Laura R.V. Alencar**, Katerina Zapfe (4 students).
- 2020 Instructor/Lecturer "Readings in Evolution", BIOL8070, Graduate course (PhD level), Clemson University, Clemson, US. Instructors: Dr. **Laura R.V. Alencar** and Dr. Jeniffer Hodge (5 students).

- 2018, 2022 Instructor/Lecturer "Macroevolution: theory and applications", BIE5751, Graduate course (PhD level), University of Sao Paulo, Sao Paulo, Brazil. Instructors: Dr. **Laura R.V. Alencar**, Dr. Gustavo Burin and Prof. Tiago Quental (20 students).

- 2018 Instructor/Lecturer "Natural history and ecology of amphibians and reptiles", BIE5795, Graduate course (PhD level), University of Sao Paulo, Sao Paulo, Brazil. Instructors: Dr. **Laura R.V. Alencar**, Prof. Marcio Martins and Prof. Ricardo Sawaya (12 students).

- 2016 Guest lecturer "How natural history of snakes helps us to understand large scale patterns and processes", MNV828, Graduate course (PhD level), "Natural history of snakes", National Museum of Rio de Janeiro, Rio de Janeiro, Brazil. Instructor: Prof. Paulo Passos (5 students)

- 2015 Teaching Assistant, Latin American Macroevolution R Workshop. Ilha Bela, Sao Paulo, Brazil. Instructors: Profs. Liam Revell, Michael Alfaro and Luke Harmon (15 students)

- 2015 Guest lecturer "Snakes diversity and underlying mechanisms", MNV828, Graduate course (PhD level), "Natural history of snakes", National Museum of Rio de Janeiro, Rio de Janeiro, Brazil. Instructor: Prof. Paulo Passos (8 students)

- 2015 Guest lecturer "Feeding habits in snakes: evolution and diversity", MNV828, Graduate course (PhD level), "Natural history of snakes", National Museum of Rio de Janeiro, Rio de Janeiro, Brazil. Instructor: Prof. Paulo Passos (8 students)

- 2012 Guest lecturer "Feeding habits in snakes: evolution and diversity", MNV828, Graduate course (PhD level), "Natural history of snakes", National Museum of Rio de Janeiro, Rio de Janeiro, Brazil. Instructor: Prof. Paulo Passos (5 students)

- 2008 Teaching Assistant "Ecology II", BIE214, Undergraduate course, University of Sao Paulo, Sao Paulo, Brazil. Instructors: Profs. Vania Pivello, Marcio Martins, Sergio Tadeu Meirelles, Marcelo Pompeo (∼120 students)

Student Committees

- 2022 Masters Thesis Committee (Pontificia Universidade Catolica do Rio de Grande do Sul, PUC-RS), Moises Escalona (Advisor: Santiago Castroviejo Fisher)
- 2021 PhD Dissertation Committee (State University Julio de Mesquita Filho, UNESP), Silara Batista (Advisor: Otavio Marques)
- 2021 Masters Thesis Committee (Federal University of Sergipe, UFS), Kathleen Castro (Advisor: Pablo Ariel Martinez)
- 2021 Qualifying Exam Committee (PhD) (University of Sao Paulo, Esalq), Juan Diaz (Advisor: Marcio Martins)
- 2020 Masters Thesis Committee (University of Brasilia), Aída Giozza (Advisor: Reuber Brandão)
- 2019 Qualifying Exam Committee (Masters) (Federal University of ABC, UFABC), Leonardo Matheus Servino (Advisor: Ricardo Sawaya)
- 2019 Masters Thesis Committee (Federal University of Sao Paulo, UNIFESP), Guilherme Cavicchioli (Advisor: Fabio Raposo do Amaral)
- 2019 Masters Thesis Committee (University of Sao Paulo, USP), Lucas Nascimento (Advisor: Mathias M. Pires)
- 2019 PhD Dissertation Committee (State University Julio de Mesquita Filho, UNESP), José Thales da Motta Portillo (Advisor: Ricardo Sawaya)
- 2018, 2021 PhD Advisory Committee (University of Sao Paulo), Juan Diaz (Advisor: Marcio Martins)
- 2018, 2019, 2020 PhD Advisory Committee (University of Sao Paulo), Daniela Coelho (Advisor: Paulo Roberto Guimarães Jr)
- 2018 Qualifying Exam Committee (PhD) (University of Sao Paulo, Esalq), Bruno Ferreto Fiorillo (Advisor: Marcio Martins)
- 2016 Preliminary PhD Advisory Committee (Museum of Zoology, University of Sao

Paulo), Paulo Roberto Machado Filho (Advisor: Hussam Zaher)
- 2016 PhD Dissertation Committee (State University Julio de Mesquita Filho, UNESP), Cristian Alexandro Gomes (Advisor: Otavio Marques)

Graduate training

- Matheus Pontes-Nogueira (co-advisor, Federal University of ABC, Brazil)

Undergraduate training

- Langdan Zhu (advisor, Yale University)
- Kiran Masroor (advisor, Yale University)
- Grace Holliday (advisor, Clemson University)
- Thais Sasso Lopes (co-advisor, University of Sao Paulo)
- Luis Gustavo Oliveira-Dalland (co-advisor, University of Sao Paulo, Oliveira-Dalland et al. 2022)
- Irina Birskis-Barros (co-advisor, University of Sao Paulo, Birskis-Barros et al. 2019)

Service to academic community

Editorial positions

- 2020-present Associate Editor, Zoological Journal of the Linnean Society
- 2020-2022 Associate Editor, Herpetologia Brasileira
- 2011-2014 Receiving Editor, South American Journal of Herpetology

Ad hoc reviewer

- Biological Journal of the Linnean Society
- Check List
- Ecology & Evolution
- Evolution
- Global Ecology and Biogeography
- Herpetological Journal
- Herpetology Notes
- Journal of Biogeography
- Journal of Evolutionary Biology
- Molecular Phylogenetics and Evolution
- Nature Communications
- Nature Ecology & Evolution
- Phyllomedusa - Journal of Herpetology
- Plos Biology
- Proceedings of the Royal Society B
- South American Journal of Herpetology

Meeting organizer

- Organizer: The Importance of Natural History to Herpetology (Symposium). IX Brazilian Herpetology Meeting.
- Organizer: II Brazilian Herpetology Meeting (∼700 attendees)

Diversity, Equity and Inclusion

- 2022-current Diversity, Equity, and Inclusion Committee, Department of Ecology and Evolutionary Biology, Yale University.
- 2022 Panelist on STEM paths and careers. GAINS Conference - Girls Advancing in STEM, Yale University.
- 2020-2021 Diversity, Equity, and Inclusion Workgroup. Department Biological Sciences, Clemson University.
- 2018-2021 Part of the initiative "Herpetologia Segundo Herpetologas" ("Herpetology according to women herpetologists"), promoting a more inclusive and diverse herpetology and science. Instagram, Twitter, Facebook.

Society memberships

- Society of Systematic Biologists
- Sociedade Brasileira de Herpetologia

Scientific collections Research Experience

- American Museum of Natural History (USA)
- Australian Museum (ASTL)
- Butantan Institute (BR)
- California Academy of Sciences (USA)
- Field Museum of Natural History (USA)
- Museum of Comparative Zoology, Harvard University (USA)
- Museum of Zoology, University of Michigan (USA)
- Museum of Vertebrate Zoology, University of California, Berkeley (USA)
- Museum of Zoology, University of Sao Paulo (BR)
- Museum Paraense Emilio Goeldi (BR)
- Muséum National d'histoire Naturelle (FR)
- National Museum of Rio de Janeiro (BR)
- Natural History Museum, London (ENG)
- Smithsonian National Museum of Natural History (USA)
- Herpetological collections, University of Texas, Arlington (USA)
- Western Australian Museum (ASTL)

Field Expeditions

- 2022 Jefferson National Forest & George Washington National Forest, Virginia, United States. Collect salamanders specimens for physiological experiments and tissue samples.
- 2022 Several localities, Dominican Republic. Collect physiological data of anole lizards.
- 2010 Jirau, Rondonia, Brazil. Monitoring work on reptiles and amphibians, Power-Plant Implementation.
- 2009, 2010 Queimada Grande Island, Sao Paulo, Brazil. Population dynamics of the pitviper *Bothrops insularis*.
- 2007-2011 Serra do Mar State Park, Sao Paulo, Brazil. Population dynamics and chytric infection in three anuran species.
- 2007 Peixe Tolo, Minas Gerais, Brazil. Collect specimens of amphibians and reptiles for the herpetological collection of the Natural Sciences Museum of the Pontifical Catholic University of Minas Gerais.
- 2006 Sempre Vivas National Park, Diamantina, Minas Gerais, Brazil. Collect specimens of amphibians and reptiles for the herpetological collection of the Natural Sciences Museum of the Pontifical Catholic University of Minas Gerais.