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EDUCATION

- 2016–2020 Ph.D. in Science (emphasis in Applied Ecology), University of São Paulo, Brazil, with one-year Predoctoral Fellowship at the Smithsonian's Conservation Biology Institute, Center for Conservation Genomics.
 Dissertation: Phylogenomics, diversification, and biogeography of Neotropical squirrels (Sciurillinae and Sciurinae: Sciurini)
 Advisor: Dr. Alexandre R. Percequillo
 Abroad supervisor: Dr. Jesús E. Maldonado
- 2011–2014 M.Sc. in Science (emphasis in Applied Ecology), University of São Paulo, Brazil, with Research Abroad Internship at the University of Minnesota.
 Thesis: Nonvolant small mammals of Estação Ecológica de Bananal, SP
 Advisor: Dr. Alexandre R. Percequillo
 Abroad supervisor: Dr. Sharon A. Jansa
- 2004–2009 B.Sc. in Biological Sciences, University of Santa Cruz do Sul, Brazil.
 Honor's Thesis: Medium and large-sized mammals in the RPPN of UNISC, Sinimbu, RS, Brazil
 Advisor: Dr. Andreas Köhler

APPOINTMENTS

- 2024–present Research Associate. Division of Vertebrate Zoology, American Museum of Natural History.
- 2023–present Assistant Professor. Department of Biology, Angelo State University.
- 2023–present Curator of Mammals. Angelo State Natural History Collections, Angelo State University.
- 2022 Adjunct Assistant Professor. City College of New York, City University of New York.
- 2021–2023 Postdoctoral Researcher, Gerstner Scholar. Richard Gilder Graduate School, American Museum of Natural History.

RESEARCH GRANTS, FELLOWSHIPS, AND AWARDS**Research Grants**

- 2026–present Evolution of the nasal cavity: variation in the turbinal skeleton of North American tree squirrels (Sciuridae, Sciurini). Ranges Imaging Mini-Awards, National Science Foundation, University of North Carolina, Greensboro (\$3,000).
- 2024–present BRC-BIO Marajó: the origin and evolution of vertebrate diversity in the planet's largest fluvial island (co-Pi with S. Pavan and P. Peloso). National Science Foundation (\$463,000).
- 2024–2025 Taxonomic revision of South American tree squirrels of the genus *Guerlinguetus* Gray, 1821 (Sciuridae, Sciurini). Faculty Research Enhancement Program, Angelo State University (\$14,993).
- 2021–2023 Taxonomic Review of the Genera of the Tribe Sciurini (Rodentia, Sciuridae) and the Evolution of Coat Color and Body Size within the Tribe. Gerstner Scholars Program, Richard Gilder Graduate School, American Museum of Natural History (\$15,000).
- 2018 Collection Study Grant. American Museum of Natural History (\$1,500).
- 2018 An exploratory expedition to Rio Abiseo National Park: revealing a mysterious new species of mammal and garnering genomic resources from a World Heritage Site (project team member).

- 2016 Explorers Grant Program, National Geographic Society (\$30,000).
Diversity and evolutionary history of South American tree squirrels (Rodentia, Sciurini). Latin American Student Field Research Award, American Society of Mammalogists (\$1,500).

Fellowships

- 2021–2023 Gerstner Scholars Postdoctoral Fellowship. Richard Gilder Graduate School, American Museum of Natural History.
2019–2020 Doctorate Fellowship. National Council for Scientific and Technological Development, Brazil (GM/GD #165553/2017-0).
2018 Doctorate Abroad Fellowship. National Council for Scientific and Technological Development, Brazil (SWE #203692/2017-9).
2016–2017 Doctorate Fellowship. National Council for Scientific and Technological Development, Brazil (GM/GD #147145/2016-3).
2016 Technological Development Fellowship. National Council for Scientific and Technological Development, Brazil (DTI-C #381225/2016-0).
2012–2013 Master's degree Scholarship Abroad-Research Internship. São Paulo Research Foundation, Brazil (BEPE-MS #12/15928-6).
2011–2013 Master's degree Scholarship. São Paulo Research Foundation, Brazil (#10/14633-7)
2008–2009 Institutional Scientific Initiation Scholarship (PIBIC). National Council for Scientific and Technological Development, Brazil.
2007–2008 Institutional Scientific Initiation Scholarship (PIBIC). National Council for Scientific and Technological Development, Brazil.

Honorary Awards

- 2025–present Provost's Scholar. Angelo State University.
2021 Honor's Ph.D. Dissertation. University of São Paulo Outstanding Thesis Award, 10th edition.
2020 Carol and James Patton Award. American Society of Mammalogists.
2019 Best Oral Presentation (Doctorate). X Brazilian Congress of Mammalogy and X Brazilian Meeting for the Study of Chiropterans.

Travel Awards

- 2022 Early Career Travel Award. American Society of Mammalogists.

PUBLICATIONS

Peer-reviewed Articles

30. Sánchez-Vendizú, P.Y., **Abreu, E.F.**, Pacheco, V., & Pavan, S.E. 2026. A New Species of *Incanomys* (Rodentia: Cricetidae: Sigmodontinae) from the Yungas of Peru. American Museum Novitates, 4049, 1-27. <https://doi.org/10.1206/4049.1>
29. Pavan, S.E., **Abreu, E.F.**, Sánchez-Vendizú, P.Y., & Voss, R.S. 2025. A New Species of *Marmosa* (Mammalia: Didelphimorphia: Didelphidae) from Parque Nacional del Río Abiseo, Peru. American Museum Novitates, 4037, 1–20. doi.org/10.1206/4037.1
28. Novaes, R.L.M., Cláudio, V.C., Bertocchi, N.A., **Abreu, E.F.**, Wilson, D.E., Maldonado, J.E., & Moratelli R. 2025. Islands in the stream: Distribution of *Myotis attenboroughi* (Chiroptera, Vespertilionidae) in Grenada and mainland South America illuminates the evolutionary history of Caribbean Myotis. Evolutionary Systematics, 9(1), 107–122. doi.org/10.3897/evolsyst.9.146107
27. **Abreu, E.F.**, Prado, J.R., Maldonado, J.E., Wilson, D.E., Percequillo, A.R., & Pavan, S.E. 2025. Recent, Intricate Speciation in Amazonia Uncovered by a Multilayered Genomic Analysis of Tree Squirrels. Systematic Biology, 74(5), 778–798. doi.org/10.1093/sysbio/syaf013

26. Pavan, S.E., **Abreu, E.F.**, Sánchez-Vendizú, P.Y., et al. 2024. A hint on the unknown diversity of eastern Andes: high endemism and new species of mammals revealed through DNA barcoding. *Systematics and Biodiversity*, 21(1), 2302196. doi.org/10.1080/14772000.2024.2302196
25. Boeger, W.A., Valim M.P., Zaher H., et al. 2024. Catálogo Taxonômico da Fauna do Brasil: Setting the baseline knowledge on the animal diversity in Brazil. *Zoologia*, 41, e24005. doi.org/10.1590/S1984-4689.v41.e24005
24. **Abreu, E.F.**, Pavan, S.E., Tsuchiya, M.T.N., McLean, B.S., Wilson, D.E., Percequillo, A.R., & Maldonado, J.E. 2022. Old specimens for old branches: Assessing effects of sample age in resolving a rapid Neotropical radiation of squirrels. *Molecular Phylogenetics and Evolution*, 175, 107576. doi.org/10.1016/j.ympev.2022.107576
23. **Abreu, E.F.**, Dalapicolla, J., Furini, P.R., de la Sancha, N., Jansa, S.A., & Percequillo, A.R. 2022. Habitat stability shaped the demographic history of the Atlantic Forest endemic rodent *Euryoryzomys russatus* (Cricetidae, Sigmodontinae) during the Pleistocene. *Biological Journal of the Linnean Society*, 136, 520–535. doi.org/10.1093/biolinnean/blac055
22. Novaes, R.L.M., Cláudio, V.C., Carrión-Bonilla, C., **Abreu, E.F.**, Wilson, D.E., Maldonado, J.E., & Weksler, M. 2022. Variation in the *Myotis keaysi* complex (Chiroptera, Vespertilionidae), with description of a new species from Ecuador. *Journal of Mammalogy*, 103(3), 540–559. doi.org/10.1093/jmammal/gyab139
21. Dalapicolla, J., **Abreu, E.F.**, Prado, J.R., Chiquito, E.A., Roth, P.R.O., Brennand, P.G.G., Pavan, A.C.O., Pereira, A., Mendes, F.R., Alvarez, M.R.V., Rios, E.O., Cassano, C.R., Miretzki, M., Vélez, F., Sevá, A.P., Percequillo, A.R., & Bovendorp, R.S. 2021. Areas of endemism of small mammals are underprotected in the Atlantic Forest. *Journal of Mammalogy*, 102 (5), 1390–1404. doi.org/10.1093/jmammal/gyab073
20. **Abreu, E.F.**, Jung, D.M.H., Christoff, A.U., Valiati, V.H., Jansa, S.A., & Percequillo, A.R. 2021. Systematics of *Bucepattersonius* Hershkovitz, 1998 (Rodentia, Sigmodontinae): molecular species delimitation and morphological analyses suggest an overestimation in species diversity. *Systematics and Biodiversity*, 19(6), 544–570. doi.org/10.1080/14772000.2021.1890270
19. Vásquez, L.C., Marques, T.S., **Abreu, E.F.**, Cioci, R., Piña, C.I., & Verdade, L.M. 2021. Diversity of small mammals on the early second commercial cycle of *Eucalyptus* plantations in southeast Brazil. *Forest Ecology and Management*, 489, 119052. doi.org/10.1016/j.foreco.2021.119052
18. Percequillo, A.R., Prado, J.R., **Abreu, E.F.**, Dalapicolla, J., Pavan, A.C., Chiquito, E.A., Brennand, P., Stepan, S.J., Lemmon, A.R., Lemmon, E.M., & Wilkinson, M. 2021. Tempo and mode of evolution of oryzomyine rodents (Rodentia, Cricetidae, Sigmodontinae): A phylogenomic approach. *Molecular Phylogenetics and Evolution*, 159, 107120. doi.org/10.1016/j.ympev.2021.107120
17. **Abreu, E.F.**, Pavan, S.E., Tsuchiya, M.T.N., Wilson, D.E., Percequillo, A.R., & Maldonado, J.E. 2020. Spatiotemporal Diversification of Tree Squirrels: Is the South American Invasion and Speciation Really That Recent and Fast? *Frontiers in Ecology and Evolution*, 8, 230. doi.org/10.3389/fevo.2020.00230
16. **Abreu, E.F.**, Pavan, S.E., Tsuchiya, M.T.N., Wilson, D.E., Percequillo, A.R., & Maldonado, J.E. 2020. Museomics of tree squirrels: a dense taxon sampling of mitogenomes reveals hidden diversity, phenotypic convergence, and the need of a taxonomic overhaul. *BMC Evolutionary Biology*, 20, 77. doi.org/10.1186/s12862-020-01639-y
15. Teta, P., D'Elia, G., Jayat, J.P., Gonçalves, P.R., Libardi, G.S., de Oliveira, J.A., Moratelli, R., Percequillo, A.R., Prado, J.R., Ortiz, P.E., Hurtado, N., Schiaffini, M.I., **Abreu, E.F.**, Chiquito, E.A., Giménez, A.L., & Torres, J. 2020. On the distinction and availability of the new taxa proposed by Agnolin et al. 2019. *Mastozoologia Neotropical*, 27(1), 155–171. doi.org/10.31687/saremMN.20.27.1.0.20
14. Santos, P.M., Bocchiglieri, A., Chiarello, A.G., et al. 2019. NEOTROPICAL XENARTHANS: a data set of occurrence of xenarthran species in the Neotropics. *Ecology*, 100(7), e02663. doi.org/10.1002/ecy.2663
13. **Abreu, E.F.**, & Percequillo, A.R. 2019. Small mammals of the Estação Ecológica de Bananal, southeastern Atlantic Forest, Brazil, with description of a new species of *Bucepattersonius* (Rodentia, Sigmodontinae). *Arquivos de Zoologia*, 50(1), 1–116. doi.org/10.11606/2176-7793/2019.50.01
12. **Abreu, E.F.**, Charters, J.D., & Percequillo, A.R. 2018. The Giant Tree Rat, *Toromys grandis* (Wagner, 1845):

new record with range extension and comments on its morphology, biology and conservation. *Mammalia*, 82(4), 400–406. doi.org/10.1515/mammalia-2017-0042

11. **Abreu, E.F.**, Percequillo, A.R., Geise, L., Leite, Y.L.R., & Loss, A.C. 2018. Unveiling the identity of Kerr's Atlantic tree rat, *Phyllomys kerri* (Rodentia, Echimyidae). *Mammalian Biology*, 91, 57–70. doi.org/10.1016/j.mambio.2018.03.008
10. Percequillo, A.R., Dalapicolla, J., **Abreu, E.F.**, Roth, P.R.O., Ferraz, K.M.P.M., & Chiquito, E.A. 2017. How many species of mammals are there in Brazil? New records of rare rodents (Rodentia: Cricetidae: Sigmodontinae) from Amazonia raise the current known diversity. *PeerJ*, 5, e4071. doi.org/10.7717/peerj.4071
9. Bovendorp, R.S., Villar, N., **Abreu, E.F.**, Bello, C., Regolin, A.L., Percequillo, A.R., & Galetti, M. 2017. ATLANTIC SMALL-MAMMAL: a dataset of communities of rodents and marsupials of the Atlantic Forests of South America. *Ecology*, 98(8), 2226. doi.org/10.1002/ecy.1893
8. Percequillo, A.R., Braga, C.A.C., Brandão, M.V., **Abreu, E.F.**, Gualda-Barros, J., Lessa, G.M., Pires, M.R.S., & Hingst-Zaher, E. 2017. The genus *Abrawayaomys* Cunha and Cruz, 1979 (Rodentia: Cricetidae: Sigmodontinae): geographic variation and species definition. *Journal of Mammalogy*, 98, 438–455. doi.org/10.1093/jmammal/gyw228
7. **Abreu, E.F.**, Brennand, P.G.G., & Percequillo, A.R. 2017. Diversidade de mamíferos do baixo Rio Jufari, Roraima, Brasil. *Papéis Avulsos de Zoologia*, 57, 37–55. doi.org/10.11606/0031-1049.2017.57.05
6. **Abreu, E.F.**, Freitas, M.A., Lapenta M.J., Venâncio, N.M., França D.P.F., & Percequillo, A.R. 2016. Marsupials and rodents (Didelphimorphia and Rodentia) of upper Rio Acre, with new data on *Oxymycterus inca* Thomas, 1900 from Brazil. *Check List*, 12(5), 1956. doi.org/10.15560/12.5.1956
5. Prado, J.R., Brennand, P.G.G., Godoy, L.P., Libardi, G.S., **Abreu, E.F.**, Roth, P.R.O., Chiquito, E.A., & Percequillo, A.R. 2015. Species richness and areas of endemism of oryzomyine rodents (Cricetidae, Sigmodontinae) in South America: an NDM/VNDM approach. *Journal of Biogeography*, 42, 540–551. doi.org/10.1111/jbi.12424
4. Schuch, M., **Abreu, E.F.**, & Lobo, E.A. 2012. Water quality of urban streams, Santa Cruz do Sul, Rio Grande do Sul, Brazil, based on physical, chemical and biological analyses. *Bioikos*, 26(1), 3–12.
3. Lobo, E.A., Voos, J.G., & **Abreu, E.F.** 2011. Utilização de um protocolo de avaliação rápida de impacto ambiental em sistemas lóticos do sul do Brasil. *Caderno de Pesquisa Série Biologia*, 23, 18–32. doi.org/10.17058/cp.v23i1.4726
2. **Abreu, E.F.**, & Kohler, A. 2009. Mastofauna de médio e grande porte na RPPN da UNISC, RS, Brasil. *Biota Neotropica*, 9(4), 169–174. doi.org/10.1590/S1676-06032009000400017
1. **Abreu, E.F.**, Sühs, R.B., Kohler, A., & Putzke, J. 2007. Ocorrência de *Mazama nana* Hensel, 1872 no Cinturão Verde de Santa Cruz do Sul, RS, Brasil. *Caderno de Pesquisa Série Biologia*, 19, 82–85.

Book Chapters

4. **Abreu, E.F.**, Percequillo, A.R. 2026. Russet Rice Rat *Euryoryzomys russatus* (Wagner, 1848). In: Pardiñas, U.F., de Oliveira, J.A., Brito, J., Salazar-Bravo, J. (eds) *Mammals of Middle and South America: Rodentia II. Handbook of the Mammals of Middle and South America*. Springer, Cham. https://doi.org/10.1007/978-3-031-45537-7_113-1
3. **Abreu, E.F.** 2026. Nebulous Bruce *Bucepattersonius nebulosus* Abreu, Vilela, Christoff, Valiati, & Percequillo, 2019. In: Pardiñas, U.F., de Oliveira, J.A., Brito, J., Salazar-Bravo, J. (eds) *Mammals of Middle and South America: Rodentia II. Handbook of the Mammals of Middle and South America*. Springer, Cham. https://doi.org/10.1007/978-3-031-45537-7_64-1
2. Percequillo, A.R., **Abreu, E.F.**, Bovendorp, R.S., Brennand, P.G.G., Chiquito, E.A., Correa, L.S., Godoy, L.P., Libardi, G.S., Prado, J.R., Roth, P.R.O., & Salles, V.L. 2015. Roedores sigmodontíneos da Amazônia brasileira: composição, distribuição geográfica e diagnoses. In: *Pequenos Mamíferos Não-voadores da Amazônia Brasileira*, edited by Ana C. Mendes-Oliveira and Cleuton L. Miranda. Série Livros 2. Rio de Janeiro, Sociedade Brasileira de Mastozoologia, p. 149-186.
1. **Abreu, E.F.**, Brennand, P.G.G., Chiquito, E.A., Jorge-Rodrigues, C.R., Libardi, G.S., Prado, J.R., & Percequillo,

A.R. 2012. Dimorfismo sexual na Tribo Oryzomyini. In: Mamíferos do Brasil: Genética, Sistemática, Ecologia e Conservação, edited by Thales R. O. Freitas and Emerson M. Vieira. 1 ed. Vol. 2. Rio de Janeiro, Sociedade Brasileira de Mastozoologia, p. 115-134.

Datasets

8. **Abreu, E. F.**, Casali, D. M., Garbino, G. S. T., Loss, A. C., Moras, L. M., Nascimento, F. O., Oliveira, M. L., Pavan, S. E., Percequillo, A. R. & Nascimento, M. C. 2025. Lista de Mamíferos do Brasil (2025-1) [Dataset]. Zenodo. <https://doi.org/10.5281/zenodo.18378485>
7. **Abreu, E.F.**, Casali, D., Costa-Araújo, R., Garbino, G.S.T., Libardi, G.S., Loretto, D., Loss, A.C., Marmontel, M., Moras, L.M., Nascimento, M.C., Oliveira, M.L., Pavan, S.E., & Tirelli, F.P. 2024. Lista de Mamíferos do Brasil (2024-1) [Data set]. Zenodo. doi.org/10.5281/zenodo.14536925
6. **Abreu, E.F.**, Casali, D., Costa-Araújo, R., Garbino, G.S.T., Libardi, G.S., Loretto, D., Loss, A.C., Marmontel, M., Moras, L.M., Nascimento, M.C., Oliveira, M.L., Pavan, S.E., & Tirelli, F.P. 2023. Lista de Mamíferos do Brasil (2023-1) [Data set]. Zenodo. doi.org/10.5281/zenodo.10428436
5. **Abreu, E.F.**, Casali, D., Costa-Araújo, R., Garbino, G.S.T., Libardi, G.S., Loretto, D., Loss, A.C., Marmontel, M., Moras, L.M., Nascimento, M.C., Oliveira, M.L., Pavan, S.E., & Tirelli, F.P. 2022. Lista de Mamíferos do Brasil (2022-1) [Data set]. Zenodo. doi.org/10.5281/zenodo.7469767
4. **Abreu, E.F.**, Casali, D., Costa-Araújo, R., Garbino, G.S.T., Libardi, G.S., Loretto, D., Loss, A.C., Marmontel, M., Moras, L.M., Nascimento, M.C., Oliveira, M.L., Pavan, S.E., & Tirelli, F.P. 2021. Lista de Mamíferos do Brasil (2021-2) [Data set]. Zenodo. doi.org/10.5281/zenodo.5802047
3. **Abreu, E.F.**, Casali, D., Garbino, G., Libardi, G., Loretto, D., Loss, A.C., Marmontel, M., Nascimento, M.C., Oliveira, M., Pavan, S., & Tirelli, F. 2021. Lista de Mamíferos do Brasil (2021-1) [Data set]. Zenodo. doi.org/10.5281/zenodo.5590639
2. **Abreu, E.F.**, Casali, D., Garbino, G., Loretto, D., Loss, A.C., Marmontel, M., Nascimento, M.C., Oliveira, M., Pavan, S., & Tirelli, F. 2020. Lista de Mamíferos do Brasil (2020-2) [Data set]. Zenodo. doi.org/10.5281/zenodo.5590565
1. **Abreu, E.F.**, Casali, D., Garbino, G., Loretto, D., Loss, A.C., Marmontel, M., Nascimento, M.C., Oliveira, M., Pavan, S., & Tirelli, F. 2020. Lista de Mamíferos do Brasil (2020-1) [Data set]. Zenodo. doi.org/10.5281/zenodo.5590557

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RESEARCH PRESENTATIONS

Invited Talks

- 2025 Using molecules and phenotypes to investigate multi-scale patterns of diversity in Neotropical tree squirrels. Seminar Series, Department of Biology, Portland State University. Oct 13.
- 2024 An expedition to the Purus River in central Brazilian Amazonia: unraveling the diversity of small mammals. BioLunch Seminar Series, Department of Biology, Angelo State University. Sep 27.
- 2024 Using molecules and phenotypes to investigate the systematics and evolution of tree squirrels. BioLunch Seminar Series, Department of Biology, Angelo State University. Mar 22.
- 2024 Using molecules and phenotypes to investigate multi-scale patterns of diversity in American mammals. Seminar series Department of Ecology, Evolution, and Behavior, University of Minnesota. Mar 1.
- 2020 “Sistemática na era da museômica: diversidade de esquilos Neotropicais”. Talk in the symposium “Coleções e o estudo dos mamíferos: uso e potencialidades dos acervos no século XXI”. XXXIII Congresso Brasileiro de Zoologia. Águas de Lindóia, SP, Brazil. Mar 1-6.

- 2019 “Museomica: uma nova fronteira na sistemática e taxonomia de mamíferos Neotropicais”. Talk in the symposium “Delimitando espécies na era da genômica: conceitos, paradigmas e desafios”. X Congresso Brasileiro de Mastozoologia & X Encontro Brasileiro para o Estudo de Quirópteros. Águas de Lindóia, SP, Brazil. Sep 9-13.
- 2017 “Pequenos mamíferos da Floresta Atlântica: Diversidade e Endemismo”. Talk at the “1ª Semana da Biologia – UNISO”, University of Sorocaba, SP, Brazil. Sep 4-6.

Workshops

- 2010 “Técnicas básicas de amostragem, identificação e preparação de mamíferos Neotropicais”. Workshop (6 hours) at the “XVII Semana Acadêmica da Biologia”, University of Santa Cruz do Sul, RS, Brazil. Sep 27-Oct 1.

Contributed Presentations (*Presenter)

Talks

- 2026 Oladiran, A.* , Mayume, C., Voltolini, J.A., Ribeiro, M.C., Lazar, A., Prado, J.R., Gregorin, R., Carmignotto, A.P., Percequillo, A.R., & **Abreu, E.F.** Unravelling the diversity of nonvolant small mammals along the Purus River, central Brazilian Amazonia, through field work and DNA barcoding. Texas Society of Mammalogists, 44th Annual Meeting. Junction, TX, USA. Feb 13-15.
- 2024 Bissoli-Silva, H.* , Prado, J.R., Ruelas, D., **Abreu, E.F.**, Pavan, S.E., Fabre, P-H., & Percequillo, A.R. Molecular analyses of bamboo rats (*Dactylomys*) reveal altitudinal patterns and historical connections among the Andes, Amazonia, and Cerrado. XII Congresso Brasileiro de Mastozoologia. Armação de Búzios, RJ, Brazil. Sep 23-27.
- 2023 **Abreu, E.F.***, Pavan, S.E., Maldonado, J.E., & Percequillo, A.R. Deep genetic divergence contrasts with phenotypic conservatism in populations of Neotropical pygmy squirrels. 13th International Mammalogical Congress (IMC-13). Anchorage, AK, USA. Jul 14-20.
- 2022 **Abreu, E.F.***, Prado, J.R., Maldonado, J.E., Wilson, D.E., Percequillo, A.R., & Pavan, S.E. Complex diversification with gene flow challenges species delimitation in tree squirrels (*Guerlinguetus*). 101st Annual Meeting of the American Society of Mammalogists. Tucson, AZ, USA. Jun 17-22.
- 2021 **Abreu, E.F.***, Pavan, S.E., Tsuchiya, M.T.N., McLean, B.S., Wilson, D.E., Percequillo, A.R., & Maldonado, J.E. Assessing effects of sample age in resolving a rapid Neotropical radiation of squirrels. 100th Annual Meeting of the American Society of Mammalogists. Virtual. Jun 14-18.
- 2019 **Abreu, E.F.***, Pavan, S.E., Tsuchiya, M.T.N., Wilson, D.E., Percequillo, A.R., & Maldonado, J.E. Mitochondrial phylogenomics of Neotropical tree squirrels (Sciuridae, Sciurini). X Congresso Brasileiro de Mastozoologia. Águas de Lindóia, SP, Brazil. Sep 9-13.
- 2019 Percequillo, A.R.* , Pavan, A.C., Prado, J.R., Chiquito, E., Dalapicolla, J., **Abreu, E.F.**, Brennand, P., Steppan, S., Lemmon, A., Lemmon, E.M., & Wilkinson, M. Tempo and mode of evolution of oryzomyine rodents (Rodentia, Cricetidae, Sigmodontinae): a phylogenomic approach. X Congresso Brasileiro de Mastozoologia. Águas de Lindóia, SP, Brazil. Sep 9-13.
- 2017 Bovendorp, R.* , Dalapicolla, J., **Abreu, E.F.**, Chiquito, E., Pavan, A.C., Roth, P.R., Brennand, P., & Percequillo, A.R. Evidencing new areas of endemism on Atlantic Forest Biome: an approach of non-volant small mammals. 12th International Mammalogical Congress, 2017. Perth, Australia. Jul 9-14.
- 2014 **Abreu, E.F.***, Jansa, S.A., & Percequillo A.R. Phylogeography of *Euryoryzomys russatus* (Rodentia: Cricetidae: Sigmodontinae) in the Atlantic Forest. VII Congresso Brasileiro de Mastozoologia. Gramado, RS, Brazil. Sep 22-26.
- 2012 **Abreu, E.F.***, & Percequillo A.R. Riqueza de pequenos mamíferos não-voadores na Estação Ecológica de Bananal: uma abordagem comparativa. VI Congresso Brasileiro de Mastozoologia. Corumbá, MS, Brazil. Jun 25-29.
- 2011 Mohr, H.* , **Abreu, E.F.**, Kuester, P.F., & Kohler, A. Levantamento de morcegos do município de Santa

Cruz do Sul, Rio Grande do Sul, Brasil. VI Encontro Brasileiro para o Estudo de Quirópteros. Maringá, PR, Brazil. Apr 12-15.

- 2009 **Abreu, E.F.***, & Lobo, E.A. Monitoramento da qualidade da água dos Arroios Lajeado, Preto, Pedras e Lewis-Pedroso, município de Santa Cruz do Sul, RS, Brasil. XV Seminário de Iniciação Científica e XIV Jornada de Ensino, Pesquisa e Extensão da UNISC. Santa Cruz do Sul, RS, Brazil.
- 2008 **Abreu, E.F.***, & Lobo, E.A. Avaliação da qualidade da água dos arroios Lajeado, Preto, Pedras e Lewis-Pedroso, município de Santa Cruz do Sul, RS, Brasil. XIV Seminário de Iniciação Científica e XIII Jornada de Ensino, Pesquisa e Extensão da UNISC, 2008. Santa Cruz do Sul, RS, Brazil.
- 2008 **Abreu, E.F.***, & Lobo, E.A. Avaliação da qualidade da água dos arroios Lajeado, Preto, Pedras e Lewis-Pedroso, município de Santa Cruz do Sul, RS, Brasil, através de análises físicas, químicas e biológicas. IV Jornada de Iniciação Científica – Meio Ambiente. Porto Alegre, RS, Brazil.
- 2008 **Abreu, E.F.***, Schuch, M., & Lobo, E.A. Utilização de biocenoses de diatomáceas para avaliação da qualidade da água dos arroios urbanos de Santa Cruz do Sul, RS, Brasil. I Seminário Internacional de Educação e Pesquisa em Ecologia. Pelotas, RS, Brazil. Jun 1-6.
- 2007 **Abreu, E.F.***, Campos, D., Nazer, M.B., Bartholdy, L.M., & Souza, P.L. Mensuração do Tronco Principal da Artéria Meníngea Média em Crânios Humanos Secos, Provenientes do Laboratório de Anatomia Humana da Universidade de Santa Cruz do Sul, RS, Brasil. XIII Seminário de Iniciação Científica e XII Jornada de Ensino, Pesquisa e Extensão da UNISC. Santa Cruz do Sul, RS, Brazil.
- 2006 **Abreu, E.F.***, Campos, D., Nazer, M.B., Bartholdy, L.M., & Souza, P.L. Verificação da Incidência da Ossificação do Ligamento Transverso Superior da Escápula, em Ossadas Humanas Secas, Provenientes da Região Central do Estado do Rio Grande do Sul, RS, Brasil. XII Seminário de Iniciação Científica e XI Jornada de Ensino, Pesquisa e Extensão da UNISC. Santa Cruz do Sul, RS, Brazil.

Posters

- 2026 Alves, M.A.*, **Abreu, E.F.**, Hautier, L., Fabre, P.H., & Percequillo, A.R. How variable is the olfactory recess? Evidence from South American squirrels (Sciuridae: Sciurillinae and Sciurini). 105th Annual Meeting of the American Society of Mammalogists. Norfolk, VA, USA. Jun 12–15.
- 2025 **Abreu, E.F.**, Alves, M.A., Pavan, S.E., & Percequillo, A.R. Systematics and diversification of South American tree squirrels of the genus *Guerlinguetus* (Sciuridae, Sciurini). ASU Annual Faculty Research Expo. Oct 23.
- 2025 Oladiran, A.*, Mayume, C., Voltolini, J.A., Ribeiro, M.C., Lazar, A., Prado, J.R., Gregorin, R., Carmignotto, A.P., Percequillo, A.R., & **Abreu, E.F.** An expedition to the Purus River in central Brazilian Amazonia: unraveling the diversity of nonvolant small mammals. ASU Undergraduate & Graduate Research Symposium – Spring 2025. Apr 11.
- 2025 Ceja, P.*, **Abreu, E.F.**, & Pavan, S.E. Morphological Variation in *Microsciurus flaviventer*. 104th Annual Meeting of the American Society of Mammalogists. Purdue, IN, USA. Jun 27-Jul 1.
- 2025 Oladiran, A.*, Mayume, C., Voltolini, J.A., Ribeiro, M.C., Lazar, A., Prado, J.R., Gregorin, R., Carmignotto, A.P., Percequillo, A.R., & **Abreu, E.F.** An expedition to the Purus River in central Brazilian Amazonia: unraveling the diversity of nonvolant small mammals. TriBeta District Convention. Lebanon, TX, USA. Apr 4-6.
- 2024 Ceja, P.*, **Abreu, E.F.**, & Pavan, S.E. Morphological Variation and Taxonomy of Squirrels in the *Microsciurus flaviventer* group. 103rd Annual Meeting of the American Society of Mammalogists. Boulder, CO, USA. Jun 7-11.
- 2019 Godoy, L.P., Dalapicolla, J., **Abreu, E.F.**, Salles, V.L., Nunes-Santos, C., Percequillo, A.R., & Libardi, G.S.* Novos dados de riqueza corroboram os padrões zoogeográficos clássicos da comunidade de pequenos mamíferos não-voadores (Didelphimorphia e Rodentia) da Amazônia. X Congresso Brasileiro de Mastozoologia. Águas de Lindóia, SP, Brazil. Sep 9-13.
- 2018 **Abreu, E.F.***, Pavan, S.E., Tsuchiya, M.T.N., Percequillo, A.R., & Maldonado, J.E. Phylogenomics of South American tree squirrels: Tracing their evolutionary history through mitogenomes from museum

- specimens. 98th Annual Meeting of the American Society of Mammalogists. Manhattan, KS, USA. Jun 25-29.
- 2012 Kuester, P.F.*, **Abreu, E.F.**, Kohler, A., & Peters, F.B. Pequenos mamíferos em egagrópilos de *Tyto alba* (Strigiformes: Tytonidae) no município de Santa Cruz do Sul, RS, Brasil. VI Congresso Brasileiro de Mastozoologia. Corumbá, MS, Brazil. Jun 25-29.
- 2012 Brennand, P.G.G.*, **Abreu, E.F.**, & Percequillo, A.R. Mamíferos do baixo Rio Jufari, Roraima. VI Congresso Brasileiro de Mastozoologia. Corumbá, MS, Brazil. Jun 25-29.
- 2012 **Abreu, E.F.**, Prado, J.R.*, & Percequillo, A.R. Variação morfológica em uma população de *Brucepattersonius* (Hershkovitz, 1998) do nordeste de São Paulo, Brasil. II Congresso Latinoamericano de Mastozoología. Buenos Aires, Argentina. Nov 6-9.
- 2012 **Abreu, E.F.**, Prado, J.R.*, & Percequillo, A.R. Diferenciação craniométrica entre duas espécies simpátricas do gênero *Delomys* Thomas, 1917 (Cricetidae: Sigmodontinae). II Congresso Latinoamericano de Mastozoología. Buenos Aires, Argentina. Nov 6-9.
- 2005 **Abreu, E.F.***, Putzke, M.T.L., & Putzke, J. Levantamento das Espécies de Bryophyta (Musgos) do Cinturão Verde de Santa Cruz do Sul, RS, Brasil. 56^o Congresso Nacional de Botânica. Curitiba, PR, Brazil. Oct 9-14.
- 2004 **Abreu, E.F.***, Silva, J.A.C., & Kohler, A. Geração de Renda para Comunidades de Apicultores de Encruzilhada do Sul, RS – PROGERCAPES – Apicultura Racional Direcionada a Produtores Associados da Comunidade de Caneleira. X Seminário de Iniciação Científica e IX Jornada de Ensino, Pesquisa e Extensão da UNISC. Santa Cruz do Sul, RS, Brazil.

TEACHING EXPERIENCE

Courses as Lead Instructor (*Full course development)

Graduate Level

2023–present Angelo State University: Mammalogy* (BIOL-5402), Graduate Seminar* (BIOL- 6181).

Undergraduate Level

2023–present Angelo State University: Principles of Biology I – Lab (BIOL-1106), Principles of Biology II (BIOL-1307), General Zoology (BIOL-1413), Mammalogy* (BIOL-4402), Seminar in Biology (BIOL-4181).

2022 City University of New York: Organismic Biology – Lab (BIO 20700).

Guest Lectures

- 2025 California State Polytechnic University, Humboldt. Undergraduate course in Advanced Mammalogy (ZOO 580): “Using mitogenomes and UCEs to estimate phylogenies”.
- 2024 Angelo State University. Graduate course in Advanced Genetics (BIOL-6342): “Using Mitogenomes and UCEs to estimate phylogenies”.
- 2021 University of São Paulo. Graduate course in Taxonomia e Evolução dos Mamíferos da América do Sul (MZO 5022): “Sistemática e biogeografia dos esquilos na América do Sul”.
- 2021 Federal University of Viçosa. Undergraduate course in Mastozoologia Neotropical (BAN 609): “Biogeografia dos roedores na América do Sul: diversificação espaço-temporal dos esquilos arborícolas e dos ratos-do-arroz (Rodentia: Sciurini e Oryzomyini)”.
- 2019 University of São Paulo. Graduate course in Padrões e Processos Biogeográficos em Vertebrados Sul-Americanos (ECO 5026): “Análises filogenéticas e biogeográficas”.

STUDENT MENTORING

Graduate Students (as main/co-advisor)

5. Bethany Chapman. Angelo State University, Master’s Program in Biology. Advisor (2026–present).
4. Katelyn Bartlett. Angelo State University, Master’s Program in Biology. Advisor (2026–present).

3. Ross Vlcek. Angelo State University, Master's Program in Biology. Advisor (2025–present).
2. Margaret Daun. Angelo State University, Master's Program in Biology. Advisor (2025–present).
1. Marcos Ângelo Alves Filho. University of São Paulo, Master's Program in Systematics, Animal Taxonomy, and Biodiversity. Co-advisor (2024–present).

Graduate Students (committee member)

9. Kate Bonfield. Angelo State University, Master's Program in Biology. Committee member (2025–present).
8. Kennedy Berry. Angelo State University, Master's Program in Biology. Committee member (2024–2026).
7. Ashley E. Loehn. Angelo State University, Master's Program in Biology. Committee member (2023–2025).
6. Pricilla Ceja. California State Polytechnic University, Humboldt, Master's Program in Biology. Committee member (2024–present).
5. Luis Guilherme de Queiroz. University of São Paulo, Master's Program in Applied Ecology. Qualifying exam committee member (August 2024).
4. Rafael de Menezes Gonçalves. University of São Paulo, Ph.D. in Applied Ecology. Committee member (2023–2024).
3. Edgardo Manuel Rengifo Vásquez. University of São Paulo, Ph.D. in Applied Ecology. Dissertation defense committee member (March 2023).
2. Pamela Yesenia Sánchez Vendizú. Federal University of Pará, Master's Program in Zoology. Thesis defense committee member (July 2021).
1. Murilo Henrique Fonseca Silveira. Federal University of Pará, Master's Program in Zoology. Qualifying exam committee member (April and August 2021).

Undergraduate Students (as main/co-advisor)

4. Kelley Simpson. Angelo State University. Undergraduate research mentor (Fall 2026–present).
3. Aramide Oladiran. Angelo State University. Undergraduate research mentor (Fall 2024–Spring 2026).
2. Rachel Longoria. Angelo State University. Undergraduate research mentor (Spring 2025).
1. Marcos Ângelo Alves Filho. University of São Paulo, Luiz de Queiroz College of Agriculture. Bachelor's thesis co-advisor (2020–2022).

Undergraduate Students (committee member)

2. Daniela Childress. Angelo State University, Undergraduate Honors Program. Committee member (2025–2026).
1. Alessandra Vama Vieira. Federal University of São Carlos, Dep. of Biology. Bachelor's thesis defense committee member (June 2020).

PROFESSIONAL SERVICE

Departmental Service at ASU

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|--------------|---|
| 2024–present | Undergraduate student advising. |
| 2024 | Faculty hiring committee. Department of Biology. |
| 2023 | Staff hiring committee. Angelo State Natural History Collections, Collection manager. |

Scientific Society Service

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|--------------|---|
| 2020–present | Sociedade Brasileira de Mastozoologia. Chair Taxonomy Committee. |
| 2018–present | American Society of Mammalogists. Member Biodiversity Committee. |
| 2019–2021 | Sociedade Brasileira de Mastozoologia. Member Board of Directors. |

Service at Other Institutions

- | | |
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| 2020–2021 | Chico Mendes Institute for Biodiversity Conservation. Taxonomy Expert for Conservation |
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Status Assessment of Rodents in Brazil.

Journal Referee (number of articles reviewed)

American Museum Novitates (1), Biological Journal of the Linnean Society (1), Biota Neotropica (2), Brazilian Journal of Mammalogy (1), Bulletin of the American Museum of Natural History (1), Check List (2), Communications Biology (1), Conservation Genetics (1), Journal of Biogeography (1), Journal of Mammalian Evolution (2), Journal of Mammalogy (3), Journal of Natural History (1), Mammalia (1), Mammalian Biology (1), PeerJ (1), Vertebrate Zoology (1), Zoological Research (1).

PROFESSIONAL SOCIETY MEMBERSHIP

American Society of Mammalogists (2016–present), International Biogeography Society (2023–2024), Sociedade Brasileira de Mastozoologia (2012–present), Society for the Study of Evolution (2018–2019), Society of Systematic Biologists (2024–present).

SELECTED FIELDWORK AND EXPEDITION EXPERIENCE

2025 Marajó Island, Pará, Brazil. Expedition member.
 2024 Purus River, Amazonas, Brazil. Expedition member.
 2018 Parque Nacional del Río Abiseo, San Martín, Peru. Expedition member.
 2017 Purus River, Amazonas, Brazil. Expedition leader.
 2014 Japurá River, Amazonas, Brazil. Expedition leader.
 2012 Jufari River, Roraima, Brazil. Expedition member.

SELECTED MEDIA AND PUBLIC OUTREACH

2025 Perú: cómo científicos descubrieron una nueva especie de marsupial en el PN Río Abiseo [[Mongabay](#)]
 2025 Long-tailed mammal with ‘facial mask’ caught in trap in Peru. It’s a new species [[Miami Herald](#)]
 2025 Biology Prof & Student Take Research Trip to the Amazon [[ASU News](#)]
 2025 Adventures in the Amazon [[ASU Fiat Lux Newsletter](#)]
 2024 National Science Foundation Grant to Fund Biology Research in the Amazon [[ASU News](#)]
 2020 Diversidade de esquilos sul-americanos é maior do que acreditávamos [[Nat Geo Br](#)]
 2020 Pesquisadores descobrem novas espécies de esquilos na América do Sul [[G1-Terra da Gente](#)]