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EDUCATION

2001 Ph.D. in Population Biology, University of California, Davis
1995 M.S. in Biology, University of California, San Diego
1994 B.S. in Ecology, Behavior, & Evolution with a minor in Literature, University of California, San Diego

PROFESSIONAL APPOINTMENTS

2013-Present **Professor & Distinguished Teaching Scholar**, University of Florida
Department of Wildlife Ecology & Conservation & Center for Latin American Studies

2022-2025 **Secretary**, Ecological Society of America

2020-2021 **President**, Association for Tropical Biology & Conservation

2012-2021 **Director**, Florida-Brazil Linkage Institute, University of Florida

2013-2019 **Editor-in-Chief**, *Biotropica*

2014-2020 **Board of Directors**, Dryad Digital Data Repository

2001-2002 **NSF Minority Postdoctoral Fellow**, Biological Dynamics of Forest Fragments Project
Instituto Nacional de Pesquisas da Amazônia-Smithsonian Institution

SELECT AWARDS & FELLOWSHIPS

2022 Fellow, American Association for the Advancement of Science
2014 Academy of Distinguished Teaching Scholars, University of Florida
2012 Outstanding Paper Award, US Chapter of the International Association for Landscape Ecology
2011 Graduate Advisor & Teacher of the Year, UF College of Agricultural & Life Sciences
2009 University of Florida Research Foundation Professor
2009 Fulbright Scholar, Brazil
2007 Julie S. Denslow Outstanding Article in *Biotropica* Prize, Association for Tropical Biology & Conservation
2005 UF International Educator of the Year (untenured faculty category)

RECENT GRANTS IN SUPPORT OF RESEARCH, TRAINING, & PROGRAM DEVELOPMENT (of >$5.5 million)

1. Maxwell-Hanrahan Foundation. *"Support for the ATBC Field Grant Program"* (PIs E. M. Bruna, P. Sampaio, L. Lohmann: $10,000 for 2022-2023, renewed 2023-2026 for $45,000)
2. Maxwell-Hanrahan Foundation. *"Support for the UF TCD Seed Grant Program"* ($10,000; PIs B. Loiselle, E. M. Bruna: $10,000 for 2022-2023, renewed 2023-2026 for $45,000)
3. Sloan Foundation. *"Reinventing Field Courses"* ($74,060; PI: E. M. Bruna, Co-PIs: R. McCleery, P. Antonenko, N. Attias, D. Barton, 2020-2021)
4. National Science Foundation. *"SG: Synergistic effects of forest fragmentation and droughts on tropical plant population dynamics"* ($199,904; PI: E. M. Bruna, Co-PIs: M. Uriarte, 2020-2022).

5. National Science Foundation. *"REU Supplement for SG: Synergistic effects of forest fragmentation and droughts on tropical plant population dynamics"* ($14,400; PI: E. M. Bruna, Co-PIs: M. Uriarte, 2021).
6. National Science Foundation. *"The role of the matrix in fragmented landscapes: experimental tests and novel theory"* ($548,058; PI: R. Fletcher, Co-PIs: E. M. Bruna, R. D. Holt, and B. Reichert, 2018-2023)

TEN RELEVANT PUBLICATIONS or PRODUCTS (of N = 115)

Note regarding coauthorship on publications by lab members: *I am not a coauthor on papers by lab members, including publications that result from side projects or thesis chapters, as I consider mentorship regarding study development and design, analyses, and manuscript preparation fundamental to my role as their advisor. A list of the publications by lab members on which I am not a coauthor can be found below.*

1. The Herbivory Variability Network (Robinsion, M. L., et al.). 2023. Plant size, latitude, and phylogeny explain within-population variability in herbivory. ***Science*** 382:679-683. DOI: 10.1126/science.adh8830
2. Bruna, E. M., M. Uriarte, M. Rosa Darrigo, P. Rubim, C. F. Jurinitz, E. R. Scott, O. Ferreira da Silva, & W. John Kress. *In press*. Demography of the understory herb *Heliconia acuminata* (Heliconiaceae) in an experimentally fragmented tropical landscape. ***Ecology*** https://doi.org/10.1002/ecy.4174
3. Bruna, E. M. 2023. Fundamental errors of data collection & validation undermine claims of 'Ideological Intensification'. ***Bioscience*** biad047. https://doi.org/10.1093/biosci/biad047
4. Fletcher, R. J., T. A. H. Smith, N. Kortessis, E. M. Bruna, and R. D. Holt. 2023. Landscape experiments unlock the multi-scale relationships among habitat loss, fragmentation, and patch-size effects. ***Ecology*** 104(5): e4037. https://doi.org/10.1002/ecy.4037
5. Halpern, B. S., C. Boettiger, M. C. Dietze, *et al.* 2023. Priorities for synthesis research in ecology and environmental Science. ***Ecosphere*** 14(1): e4342. https://doi.org/10.1002/ecs2.4342
6. Scott, E. R., M. Uriarte, and E. M. Bruna. 2022. Delayed effects of climate on vital rates lead to demographic divergence in Amazonian forest fragments. ***Global Change Biology*** 28(2):463-479. https://onlinelibrary.wiley.com/doi/full/10.1111/gcb.15900 ***Recipient of the Postdoctoral Excellence Award from the Ecological Society of America's Plant Population Ecology Section***
7. Audrey C. Smith, Leandra Merz, Jesse B. Borden, Chris K. Gulick, Akhil R. Kshirsagar, Emilio M. Bruna. 2022. Assessing the effect of article processing charges on the geographic diversity of authors using Elsevier's 'Mirror Journal' system. ***Quantitative Science Studies*** 2(4):1123-1143. doi: https://doi.org/10.1162/qss_a_00157 ***Featured in Nature, NRC News***.
8. Russell, A.E., T.M. Aide, E. Braker, E. M. Bruna, C. N. Ganong, R. D. Hardin, K. D. Holl, S. C. Hotchkiss, J. Klemens, E. K. Kuprewicz, S. K. Macey, D. McClearn, G. Middendorf, R. Ostertag, J. S. Powers, S. E. Russo, J. L. Stynoski, U. Valdez, C. G. Wills. 2022. Integrating tropical research into biology education is urgently needed. ***PLoS Biology*** 20(6): e3001674. doi: https://doi.org/10.1371/journal.pbio.3001674
9. Mundim, F. M. E. H. M. Vieira-Neto, H. Alborn, & E. M. Bruna. 2021. Disentangling the influence of resource variability and simultaneous attacks on whole-plant tolerance to herbivory. ***Journal of Ecology*** 109:2729-2739. [PhD Thesis Chapter]. https://doi.org/10.1111/1365-2745.13684 ***Selected as a 2021 UF-IFAS High Impact Publication***.
10. Bruna, E.M., R Chazdon, TM Errington and BA Nosek. 2021. A proposal to advance theory and promote collaboration in tropical biology by supporting replications. ***Biotropica*** 53:6-10. https://doi.org/10.1111/btp.12912