Curriculum Vitae

Emilio M. Bruna

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# EMILIO MIGUEL BRUNA

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Tropical ecology and conservation, plant population ecology, plant-animal interactions, scientometrics and bibliometrics, science & science policy in Latin America

Fluent in Spanish, English, and Portuguese

### 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 and Conservation

2012-2021**Director**, Florida-Brazil Linkage Institute, University of Florida  
 Center for Latin American Studies, University of Florida

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

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

2005-Present**Adjunct Professor**, Universidade Federal de Uberlândia, Brazil  
 Graduate Program in Ecology and Natural Resource Conservation

2007-2013**Associate Professor**, University of Florida  
 Department of Wildlife Ecology & Conservation & Center for Latin American Studies

2002-2007**Assistant Professor**, University of Florida  
 Department of Wildlife Ecology & Conservation & Center for Latin American Studies

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

### AWARDS

2022Fellow, American Association for the Advancement of Science 2020Selected for Induction into Alpha Zeta (Faculty Affiliate, UF Chapter)  
2020Roche Teaching Scholar, UF College of Agricultural and Life Sciences  
2016Sigma Xi (Full Member, University of Florida Chapter)  
2014Academy of Distinguished Teaching Scholars, University of Florida  
2012Outstanding Paper Award, US Chapter of the International Association for Landscape Ecology  
2011Graduate Advisor & Teacher of the Year, UF College of Agricultural and Life Sciences  
2009University of Florida Research Foundation Professor  
2007Julie S. Denslow Outstanding Article in *Biotropica* Prize, Association for Tropical Biology & Conservation  
2005UF International Educator of the Year (untenured faculty category)  
2003Diversity Scholar, American Institute for Biological Sciences  
2002John L. Harper Early Career Researcher Award, British Ecological Society  
1994Ernest C. Mort Leadership Excellence Award, Revelle College, UC San Diego

### FELLOWSHIPS

2012*Ciência Sem Fronteiras* Special Visiting Researcher Fellowship, CNPq Brazil  
2009Fulbright Scholar, Brazil  
2009Visiting Researcher Fellowship, CNPq Brazil  
2001NSF Minority Postdoctoral Research Fellowship  
2001NSF International Research Fellowship *(declined)*  
2000Ford Foundation Dissertation Year Fellowship  
1999UC Davis Graduate Studies Fellowship  
1998UC Davis John F. Steindler Graduate Fellowship  
1995NSF Minority Predoctoral Research Fellowship  
1993Howard Hughes Senior Honors Thesis Fellowship  
1993UCSD Howard Hughes Summer Research Fellowship

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

1. Maxwell-Hanrahan Foundaiton. “Support for the ATBC Field Grant Program” ($10,000; PIs Emilio M. Bruna, Patricia Sampaio, Lucia Lohmann, 2022-2023)
2. Maxwell-Hanrahan Foundaiton. “Support for the UF TCD Seed Grant Program” ($10,000; PIs Emilio M. Bruna, Bette Losiselle, 2022-2023)
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)
7. UF Informatics Institute SEED Funds: ???Cross-National Patterns of Productivity & Collaboration by Latin American Scientists??? ($20,000, PI: E. M. Bruna, Co-PIs: Stephen Perz, Chris McCarty).
8. Mindlin Foundation. ???Who are the Gatekeepers of Discovery? A crowdsourced project to ID & map the editors of academic journals??? ($3633, 2017-2018).
9. National Geographic Global Exploration Fund. ???Experimental climate change in the Amazon: How will rising CO2 influence plants, insects, and their interactions???? ($19,970, PI: E. M. Bruna, Co-PIs H. Vasconcelos, F. Mundim, D. Lapola).
10. John Wiley and Sons. ???Funds to support the Biotropica Editorial Office??? ($199,945; 2014-2019).
11. UF Center for Latin American Studies Faculty Travel Award ($1500, 2014)
12. UF Center for Latin American Studies Speakers Program. ???Herton Escobar: Science Correspondent, Estado de São Paulo Newspaper ($2000, including matching funds provided by the College of Journalism and Communications, the Tropical Conservation and Development Program, and Office of the VP for Research, 2014).
13. UF IFAS Dean For Research, UF VP for Research, and FAPESP-Brazil. “Support for 4 UF-FAPESP Collaborative Research Grants” ($160,000, 2013-2015).
14. UF Center for Latin American Studies Faculty Research Award: ???Cross-national patterns of productivity and collaboration by Latin American ecologists??? ($5450, 2012-2013).
15. National Science Foundation: ???Doctoral Dissertation Enhancement Proposal: International: Carbon sequestration and tree biodiversity in Amazonian floodplain forests???. ($11,000; OISE-0929183 to E. Bruna prepared by and for doctoral student Christine Lucas, 2010-2012).
16. David and Lucile Packard Foundation. ???Nitrogen dynamics in Brazil???s Cerrado??? ($142,198, Grant 2008-32691 to E. Bruna and co-PIs M. Mack and H. Vasconcelos, 2009-2011).
17. National Science Foundation. ???IGERT in Spatial Ecology & Evolution: Quantitative Training in Biology, Statistics, & Mathematics???. ($2,958,113; PI: B. Bolker; Co-PI???s: E. Bruna, C. Osenberg, M. Martcheva, & M. Christman, 2008-2013).
18. UF International Center. ???International Speakers Program: Dr. Claudio Padua, 2008 UF Distinguished Alumnus??? ($1500, with $3500 in matching funds from Wildlife Ecology and Conservation, Latin American Studies, the Tropical Conservation and Development Program, and Institute for Agricultural and Life Sciences).
19. US Department of Education Fund for the Improvement of Postsecondary Education (FIPSE). ???Energy, environment, and sustainable development: the central role of the United States and Brazil??? ($202,329; PI: J. Kahn, Washington & Lee University; E. Bruna is UF Project Director; 2006-2010)
20. National Science Foundation Collaborative Grant. ???Mechanisms influencing seedling recruitment and establishment in a fragmented Amazonian landscape??? DEB-0614149 to E. Bruna ($230,888) and DEB-0614339 to M. Uriarte, Columbia Univ. ($251,831; 2006-10).
21. National Science Foundation Minority Career Advancement Award. ???Linking population and ecosystem ecology: how does nitrogen deposition influence plant demography in tropical savannas???? DEB-0542287 ($174,499; 2006-08).
22. Joseph Jones Ecological Research Center. ???Productivity and Biodiversity Patterns: Control in a SE Coastal Plain Landscape (Support for the graduate studies of Gwen Iacona)???. ($19,860; 2005-2007).
23. National Science Foundation Collaborative Grant. ???Elucidating mechanisms of coexistence in a community of ant-plant mutualists???. DEB-0453631 to E. Bruna ($245,096) & DEB-0452720 to B. Inouye, FSU ($260,000; 2005-09).
24. National Science Foundation Grant OISE-0437369. ???U.S.-Brazil Collaborative Research: Seed predation and herbivory in Neotropical savannas: are there demographic consequences for plants???? ($25,012; 2005-2008).
25. Conselho Nacional de Desenvolvimento Científico e Tecnológico, Brazil. ???Top-down effects on the structure of Cerrado plant communities??? (R$ 22,875.74, Co-PI, 2005-2007)
26. Fundação de Amparo a Pesquisa do Estado de Minas Gerais, Brazil. ???Diversity and conservation of invertebrates in the ???Triângulo Mineiro???: a case study using ants as bioindicators??? (R$12,924.13; Senior Collaborator, 2005-2007)
27. Fundação de Amparo a Pesquisa do Estado de Minas Gerais, Brazil (Fapemig). ???Effect of herbivory by leaf-cutter ants on Cerrado vegetation??? (R$25,229.74, Co-PI, 2004-2006)
28. School for Natural Resources and the Environment New Faculty Support Program. ???Seed predation and herbivory in Neotropical savannas: are there demographic consequences for plants???? ($5,000; 2004)
29. Alfred P. Sloan Foundation. ???Increasing the number of minority Ph.D.???s studying Ecology at UF.??? ($32,440 and four-year Teaching Assistantships from the College of Agricultural and Life Sciences; 2004).
30. National Science Foundation Research Starter Grant DEB-0309819. ???The effect of forest fragmentation on ant-plant mutualisms.??? $50,585; 2003-2005).
31. USAID Subcontract from IIEB. ???Sustainable Communities and Landscapes: A proposed program to sustain natural ecosystems and enhance local livelihoods in Brazil???s Amazon and Atlantic Forest regions??? ($199,145; 10/01/03-9/30/07; PI: Marianne Schmink; EB and 5 other Co-PIs).
32. Instituto Internacional de Educação do Brasil-SUNY International Development Group. ???Training of young scientists in Amazonia: A new internship program at the Biological Dynamics of Forest Fragments Project.??? (R$21,000; co-PI Patricia Delamônica, 2001).
33. National Science Foundation Minority Postdoctoral Research Fellowship DBI-0109226. ???The effect of forest fragmentation on ant-plant mutualisms??? ($190,200; 2001).
34. NSF Dissertation Improvement Grant INT 98-06351. ???Effect of habitat fragmentation on the growth, reproduction, and population dynamics of an Amazonian understory herb??? ($17,600; 1998-2000).
35. Grants for Graduate Research: Smithsonian Institution, Manomet Observatory Kathleen S. Anderson Award, Wilson Ornithological Society Paul A. Stewart Award, and UC Davis (M.E. Mathias Award, Graduate Studies Research Grant, Jastro-Shields Research Award, and Center for Population Biology Summer Research Grant (Total: $11860; 1996-1997).
36. Grants for Undergraduate Research: Explorer???s Club Grant, UCSD Undergraduate Scholastic Research Grant (Total: $1955; 1994-1995).

### MANUSCRIPTS & OTHER PRODUCTS IN REVIEW or REVISION (N=3)

1. Bruna, E. M., M. Uriarte, M. Rosa Darrigo, P. Rubim, C. F. Jurinitz, E. R. Scott, O. Ferreira da Silva, & W. John Kress. *In review* Demography of the understory herb Heliconia acuminata (Heliconiaceae) in an experimentally fragmented tropical landscape. ***Ecology***
2. Bruna, E. M. *In review* Fundamental errors of data collection & validation undermine claims of ‘Ideological Intensification’. ***Nature Computational Science*** (preprint: <https://osf.io/preprints/metaarxiv/4jsca/>)
3. Robinsion, M. L., and the members of the HerbVar Network. *In review* Latitude, traits, and phylogeny determine herbivore attack variability. ***Nature***
4. Hyde, J. L., Bohlman, S. A., Athayde, S., Bruna, E. M., Valle, D.R. *In review* A lack of open data standards for large infrastructure project hampers social-ecological research in the Brazilian Amazon. ***Perspectives in Ecology & Conservation***.

### PEER-REVIEWED PUBLICATIONS, BOOK CHAPTERS, & CORRESPONDENCE (N = 110)

***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. Fletcher, R. J., T. A. H. Smith, N. Kortessis, E. M. Bruna, and R. D. Holt. *In press* Landscape experiments unlock the multi-scale relationships among habitat loss, fragmentation, and patch-size effects. ***Ecology***
2. 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>
3. 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***
4. 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***](https://www.nature.com/articles/d41586-022-00342-w)***,*** [***NRC News***](https://www.nrc.nl/nieuws/2022/02/22/systeem-van-open-access-helpt-wetenschappers-uit-arme-landen-niet-a4092976).
5. 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>
6. 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???***.
7. 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.
8. Barbosa Silva, LV, HL Vasconcelos, MC Mack, AdS Ferreira, and EM Bruna. 2020. Effects of experimental nitrogen enrichment on soil properties and litter decomposition in a Neotropical savanna. ***Austral Ecology*** 45:1093-1102. [Ph. D. Thesis Chapter].
9. Fournier, Auriel. Matthew E. Boone, Forrest R. Stevens, and Emilio M. Bruna. 2020. refsplitr: Author name disambiguation, author georeferencing, and mapping of coauthorship networks with Web of Science data. ***Journal of Open Source Software*** 5(45):2028. <https://doi.org/10.21105/joss.02028>
10. Beckman, NG, CE Aslan, HS Rogers, O Kogan, JL Bronstein, JM Bullock, F Hartig, J HilleRisLambers, Y Zhou, D Zurell, JF Brodie, EM Bruna, RS Cantrell, RR Decker, E Efiom, EC Fricke, K Gurski, A Hastings, JS Johnson, BA Loiselle, MN Miriti, MG Neubert, L Pejchar, JR Poulsen, G Pufal, OH Razafindratsima, ME Sandor, K Shea, S Schreiber, EW Schupp, RS Snell, C Strickland, and J Zambrano. 2020. Advancing an interdisciplinary framework to study seed dispersal ecology. ***AoB Plants*** 12:plz048.
11. Costa, AN, A Bartimachi, HL Vasconcelos, EM Bruna, and EHM Vieira-Neto. 2020. Annual litter production in a Brazilian Cerrado woodland savanna. ***Southern Forests*** 82:65-69.
12. Powers, JS, EM Bruna, A Campos-Arceiz, P Delamonica Sampaio, SJ DeWalt, LG Lohmann, and RA Zahawi. 2020. Tropical biology and conservation in the time of the covid-19 pandemic. ***Biotropica*** 52:399-399.
13. Aslan, C, NG Beckman, HS Rogers, J Bronstein, D Zurell, F Hartig, K Shea, L Pejchar, M Neubert, J Poulsen, J HilleRisLambers, M Miriti, B Loiselle, E Effiom, J Zambrano, G Schupp, G Pufal, J Johnson, JM Bullock, J Brodie, E Bruna, RS Cantrell, R Decker, E Fricke, K Gurski, A Hastings, O Kogan, O Razafindratsima, M Sandor, S Schreiber, R Snell, C Strickland, and Y Zhou. 2019. Employing plant functional groups to advance seed dispersal ecology and conservation. ***AoB Plants*** 11:plz006.
14. Brooks, ME, K Kristensen, MR Darrigo, P Rubim, M Uriarte, E Bruna, and BM Bolker. 2019. Statistical modeling of patterns in annual reproductive rates. ***Ecology*** 100 (7):e02706 [Ph.D. Thesis Chapter].
15. Costa, AN, HL Vasconcelos, EHM Vieira-Neto, and EM Bruna. 2019. Adaptive foraging of leaf-cutter ants to spatiotemporal changes in resource availability in Neotropical savannas. ***Ecological Entomology*** 44:227-238.
16. Fletcher, RJ, Jr., JA Sefair, C Wang, CL Poli, TAH Smith, EM Bruna, RD Holt, M Barfield, AJ Marx, and MA Acevedo. 2019. Towards a unified framework for connectivity that disentangles movement and mortality in space and time. ***Ecology Letters*** 22:1680-1689.
17. Bruna, EM. 2018. Editorial board members are a non-random sample of ecological experts. ***Nature Ecology and Evolution*** 2(2):202.
18. Costa, AN, EM Bruna, and HL Vasconcelos. 2018. Do an ecosystem engineer and environmental gradient act independently or in concert to shape juvenile plant communities? Tests with the leaf-cutter ant *Atta laevigata* in a Neotropical savanna. ***PeerJ*** 6:e5612. [Ph. D. Thesis Chapter].
19. K. R. Zamudio, A. Kellner, C. Serejo, M. R. de Britto, C. B. Castro, P. A. Buckup, D. O. Pires, M. Couri, A. Brilhante Kury, I. Azevedo Cardoso, M. L. Monné, J. Pombal Jr., C. Mello Patiu, V. Padula, A. Dias Pimenta, R. Ventura, E. Hajdu, J. Zanol, E. M. Bruna, J. Fitzpatrick, L. A. Rocha. 2018. Lack of support for Science and Education Fails Brazilian Society ??? Again. ***Science*** 361(6409): 1322-1323.
20. Brito Darosci, AA, EM Bruna, JC Motta-Junior, CdS Ferreira, JG Blake, and CB Rodrigues Munhoz. 2017. Seasonality, diaspore traits and the structure of plant-frugivore networks in Neotropical savanna forest. ***Acta Oecologica*** 84:15-22. [Ph. D. Thesis Chapter].
21. Brudvig, LA, SJ Leroux, CH Albert, EM Bruna, KF Davies, RM Ewers, DJ Levey, R Pardini, and J Resasco. 2017. Evaluating conceptual models of landscape change. ***Ecography*** 40:74-84.
22. Costa, AN, HL Vasconcelos, and EM Bruna. 2017. Biotic drivers of seedling establishment in Neotropical savannas: Selective granivory and seedling herbivory by leaf-cutter ants as an ecological filter. ***Journal of Ecology*** 105:132-141. [Ph. D. Thesis Chapter].
23. Espin, J, S Palmas, F Carrasco-Rueda, K Riemer, PE Allen, N Berkebile, KA Hecht, K Kastner-Wilcox, MM Nunez-Regueiro, C Prince, C Rios, E Ross, B Sangha, T Tyler, J Ungvari-Martin, M Villegas, TT Cataldo, and EM Bruna. 2017. A persistent lack of international representation on editorial boards in environmental biology. ***PLoS Biology*** 15:e2002760.
24. Mundim, FM, HT Alborn, EHM Vieira-Neto, and EM Bruna. 2017. A whole-plant perspective reveals unexpected impacts of above- and belowground herbivores on plant growth and defense. ***Ecology*** 98:70-78.
25. Resasco, J, EM Bruna, NM Haddad, C Banks-Leite, and CR Margules. 2017. The contribution of theory and experiments to conservation in fragmented landscapes. ***Ecography*** 40:109-118.
26. Rocha-Ortega, M, A Bartimachi, J Neves, EM Bruna, and HL Vasconcelos. 2017. Seed removal patterns of pioneer trees in an agricultural landscape. ***Plant Ecology*** 218:737-748.
27. Pitman, N. C. A., J. Widmer, E. M. Bruna, C. N. Jenkins, G. Stocks, L. Seales, F. Paniagua, and E. Maehr. 2017. El sorprendente liderazgo del Ecuador en la producción científica de la región andino-amazónica, pp. 27-30 in D. Romo et al. (eds.), Los Secretos del Yasuní: Avances en investigación en la Estación de Biodiversidad Tiputini, Universidad San Francisco de Quito, Quito.
28. Carvalho, KS, MAF Carneiro, IC Nascimento, AK Saha, and EM Bruna. 2016. Lower ant diversity on earth mounds in a semi-arid brazilian ecosystem: Natural or a sign of degradation? ***Sociobiology*** 63(4):1022-1030.
29. Mundim, FM, and EM Bruna. 2016. Is there a temperate bias in our understanding of how climate change will alter plant- herbivore interactions? A meta- analysis of experimental studies. ***American Naturalist*** 188:S74-S89. [Ph. D. Thesis Chapter] ***Selected as WEC Department’s 2016 ???High Impact Publication???***.
30. Sobrinho, MS, M Tabarelli, IC Machado, JC Sfair, EM Bruna, and AV Lopes. 2016. Land use, fallow period and the recovery of a caatinga forest. ***Biotropica*** 48:586-597.
31. Vieira-Neto, EHM, HL Vasconcelos, and EM Bruna. 2016. Roads increase population growth rates of a native leaf-cutter ant in Neotropical savannahs. ***Journal of Applied Ecology*** 53:983-992. [Ph. D. Thesis Chapter].
32. Parker, TH, Nakagawa, S, Gurevitch, J and IIEE (Improving Inference in Evolutionary Biology and Ecology) workshop participants. 2016. Promoting transparency in evolutionary biology and ecology. ***Ecology Letters***, 19: 726???728.
33. Whitlock, MC, JL Bronstein, EM Bruna, AM Ellison, CW Fox, MA McPeek, AJ Moore, MAF Noor, MD Rausher, LH Rieseberg, M G Ritchie, and RG Shaw. 2016. A balanced data archiving policy for long-term studies. ***Trends in Ecology and Evolution*** 31(2) 84-85 [Response to article].
34. Fine, P.V.A. and Bruna, E.M. 2016. Neotropical White-sand Forests: Origins, Ecology and Conservation of a Unique Rain Forest Environment. ***Biotropica***, 48: 5-6. <https://doi.org/10.1111/btp.12305>
35. Hoeksema, JD and EM Bruna. 2015. Context-dependent outcomes of mutualistic interactions. Pages 181-202 in Mutualism, JL Bronstein (ed.). Oxford University Press.
36. Bruna, EM, TJ Izzo, BD Inouye, and HL Vasconcelos. 2014. Effect of mutualist partner identity on plant demography. ***Ecology*** 95:3237-3243. ***Cover Article***.
37. Cho, AH, SA Johnson, CE Schuman, JM Adler, O Gonzalez, SJ Graves, JR Huebner, DB Marchant, SW Rifai, I Skinner, and EM Bruna. 2014. Women are underrepresented on the editorial boards of journals in environmental biology and natural resource management. ***PeerJ*** 2:e542. ***Named to the 2015 PeerJ Picks Collection (Highlighting 20 articles of the 471 published in 2014)***.
38. Smith, MJ, C Weinberger, EM Bruna, and S Allesina. 2014. The scientific impact of nations: Journal placement and citation performance. ***PLoS ONE*** 9:e109195.
39. Braunger Vasconcelos, P, GM Araújo, and EM Bruna. 2014. The role of roadsides in conserving cerrado plant diversity. ***Biodiversity and Conservation*** 23:3035-3050.
40. V. Christianini, P. S. Oliveira, E. M. Bruna, H. L. Vasconcelos. 2014. Fauna in decline: Meek shall inherit. ***Science*** 354(6201):1129.
41. Bruna, E. M. 2014 On identifying rising stars in biology. ***Bioscience*** 64(3):169.
42. Girão, LC, AV Lopes, M Tabarelli, and EM Bruna. 2014. Mudanças em atributos reprodutivos de árvores reduzem a diversidade funcional em uma paisagem fragmentada de floresta Atlântica pp. 145-174 in Serra Grande: Uma Floresta de ideas. M. Tabarelli, A. V. Neto, I. R. Leal, and A. V. Lopes (Eds.). Editora Universitároa da UFPE. Recife. [translation of Girão I 2007, *PLoS ONE*].
43. Araújo, GM, AF Amaral, EM Bruna, and HL Vasconcelos. 2013. Fire drives the reproductive responses of herbaceous plants in a Neotropical swamp. ***Plant Ecology*** 214:1479-1484.
44. Côrtes, MC, M Uriarte, MR Lemes, R Gribel, W John Kress, PE Smouse, and EM Bruna. 2013. Low plant density enhances gene dispersal in the Amazonian understory herb *Heliconia acuminata*. ***Molecular Ecology*** 22:5716-5729. [Ph. D. Thesis Chapter].
45. Jurinitz, CF, AA de Oliveira, and EM Bruna. 2013. Abiotic and biotic influences on early-stage survival in two shade-tolerant tree species in Brazil’s Atlantic forest. ***Biotropica*** 45:728-736. [Ph. D. Thesis Chapter].
46. Lucas, CM, EM Bruna, and CMN Nascimento. 2013. Seedling co-tolerance of multiple stressors in a disturbed tropical floodplain forest. ***Ecosphere*** 4(1):3. [Ph. D. Thesis Chapter].
47. Copeland, SM, EM Bruna, LV Barbosa Silva, MC Mack, and HL Vasconcelos. 2012. Short-term effects of elevated precipitation and nitrogen on soil fertility and plant growth in a Neotropical savanna. ***Ecosphere*** 3. [Ph. D. Thesis Chapter].
48. Iacona, GD, LK Kirkman, and EM Bruna. 2012. Experimental test for facilitation of seedling recruitment by the dominant bunchgrass in a fire-maintained savanna. ***PLoS ONE*** 7. [Ph. D. Thesis Chapter].
49. Mundim, FM, EM Bruna, EHM Vieira-Neto, and HL Vasconcelos. 2012. Attack frequency and the tolerance to herbivory of Neotropical savanna trees. ***Oecologia*** 168:405-414. [Ph. D. Thesis Chapter].
50. Passmore, HA, EM Bruna, SM Heredia, and HL Vasconcelos. 2012. Resilient networks of ant-plant mutualists in Amazonian forest fragments. ***PLoS ONE*** 7(8):e40803.
51. Vasconcelos, HL, and EM Bruna. 2012. Arthropod responses to the experimental isolation of Amazonian forest fragments. ***Zoologia*** 29:515-530. ***Invited review***.
52. Palumbo, MJ, SA Johnson, FM Mundim, AC Wolf, S Arunachalam, O Gonzalez, A Lau, JL Ulrich, A Washuta, EM Bruna. 2012. Harnessing smartphones for ecological education, research, and outreach. ***Bulletin of the Ecological Society of America*** 93(4): 390-393.
53. Bruna, EM, and AS de Andrade. 2011. Edge effects on growth and biomass partitioning of an Amazonian understory herb (*Heliconia acuminata*; Heliconiaceae). ***American Journal of Botany*** 98:1727-1734.
54. Bruna, EM, TJ Izzo, BD Inouye, M Uriarte, and HL Vasconcelos. 2011. Asymmetric dispersal and colonization success of Amazonian plant-ants queens. ***PLoS ONE*** 6:e22937.
55. Ferreira, AV, EM Bruna, and HL Vasconcelos. 2011. Seed predators limit plant recruitment in Neotropical savannas. ***Oikos*** 120:1013-1022.
56. Uriarte, M. Anciães, M. T.B. da Silva, P. Rubim, E. Johnson, and E. M. Bruna. 2011. Disentangling the drivers of reduced long-distance seed dispersal by birds in an experimentally fragmented landscape. ***Ecology*** 92(4): 924-93. ***2012 Outstanding Paper in Landscape Ecology, Int. Assoc. for Landscape Ecology - US Chapter***.
57. Gagnon, PR, EM Bruna, P Rubim, MR Darrigo, RC Littell, M Uriarte, and WJ Kress. 2011. Growth of an understory herb is chronically reduced in Amazonian forest fragments. ***Biological Conservation*** 144:830-835.
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### SOFTWARE (N=1)

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### OTHER WRITING & SCHOLARLY COMMUNICATION (N=15)

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### PUBLICATIONS BY LAB MEMBERS (N = 16; see co-authorship philosophy above; \* indicates lab member).

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### PUBLICLY ARCHIVED DATASETS & CODE (N=21)

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### MANUSCRIPTS IN PREPARATION (N=11, drafts available upon request).

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9. Goring, S., K.S. Whitney, E. M. Bruna, A. L. Jacob, and T. Poisot. Ten Simple Rules to Make Scientific Content More Accessible. Preprint at: DOI: [10.22541/au.150844289.92609826](https://doi.org/10.22541/au.150844289.92609826)
10. Tolentino,M., M. Anciães, E. M. Bruna, and M. Uriarte. \*\*\_In revision\*. Local and landscape factors mediate reproductive success of *Heliconia acuminata* in a fragmented landscape. ***Landscape Ecology***.
11. Corrêa Côrtes, M., M. Uriarte, W. J. Kress, J. B. Illian, and E. M. Bruna. *In revision*. Why are the spatial distribution of individual plants and genotypes decoupled? A framework to assess the contribution of ecological interactions and environmental filtering. ***Ecology Letters*** [Ph.D. Thesis Chapter].
12. Bruna, E. M. and W. Hahn. In preparation. Is Latin American ecology really on the rise? Cross-national patterns of productivity and collaboration by Latin American scientists. In preparation for ***PLoS Biology***.
13. Rubim, P., D. M. S. Matos, M. Uriarte, and E. M. Bruna. Local density influences the growth of seedlings of an Amazonian understory herb. In preparation for ***Biotropica*** [Ph.D. Thesis Chapter].
14. Loiselle, B. A., E. M. Bruna, R. Buschbacher, and S. Athayde. In prep. How can Brazilian Studies and partnerships with Brazilian institutions shape the perception of tropical conservation and development issues at US universities? Lessons from the University of Florida. Brazilian Studies in the United States: The road ahead. Yale University, FGV, and The Ministry of Education in Brazil.
15. Rubim, P. R., M. Uriarte, O. Ferreira, and E. M. Bruna. Neighborhood effects and the reproductive effort of a tropical perennial herb. In preparation for ***Ecology*** [Ph.D. Thesis Chapter].

### COURSE DEVELOPMENT & TEACHING EXPERIENCE

***Courses Developed & Taught at the University of Florida***  
The Future of Rain Forests (Undergraduate, 2021, 2022)  
Data Collection & Management for Latin American Studies (Graduate, 2019, 2021, 2022)  
Ecology and Conservation of Tropical Wildlife (Undergraduate, 03,05,07,11,12,14,18)  
Plant-Animal Interactions (Graduate, 2004, 2006, 2008, 2010)  
Fundraising for Tropical Conservation & Development (Graduate, 2013, 2016, 2018, 2020)  
Scientific Publishing (Graduate, 2014, 2015, 2017, 2018)  
Ecological Principles for Development & Conservation Professionals (Graduate, 2010, 2011, 2012)  
Tropical Forest Community Ecology (Graduate, 2000)  
Design and Methods of Research in Latin American Studies (Graduate, 2008, 2010)  
Research Methods in Tropical Conservation & Development (Graduate, 2003-2007)  
Seminar in Wildlife Ecology and Conservation (Graduate, 2003, 2004)  
Social Media Workshop (Graduate, 2016)  
   
 ***Guest Lectures in University of Florida Courses***  
The Professional Scientist (WIS 6934: 2021, 2022)  
Diverse Perspectives in Conservation (WIS4934: 2021, 2022)  
Human Footprint on the Landscape (GEO3352: 2019)  
Facets of Sustainability (IDS2154: 2011, 2013)  
Environmental Planning & Design (EES 6051: 2016, 2018)  
The Amazon (LAS6290: 2009, 2011)  
Design & Methods of Research in Latin American Studies (Graduate, 2019, 2020)  
Discovering Research & Communicating Science (IDH3931: 2015)  
Wildlife Techniques (WIS4945C: 2005)  
Development Theory & Practice (LAS6938: 2010)  
Wildlife Population Modeling (WIS6466: 2003, 2006, 2008, 2010)  
Principles of Wildlife Ecology & Conservation (WIS6934: 2008)  
Luso-Brazilian Civilization (POW3500: 2004)

***Courses and Guest Lectures for Other Institutions***  
Univ. Federal de Uberlândia: Mechanisms of Species Coexistence (Graduate Course, 2006)  
Univ. Federal de Uberlândia: Data Management & Archiving (Graduate Course, 2012, 2014)  
Univ. Federal de Uberlândia: Scientific Publishing (Graduate Course, 2011)  
INPA: Population Ecology (Guest Lecturer 2002, 2003)  
INPA: Community Ecology (Guest Lecturer 2002) OTS 3M Field Course (2001)  
OTS Amazonian Ecosystems Field Course (2001)  
Antioch College Semester Abroad in Brazil (1999, 2001)  
Univ. Federal do Amazonas, Fragmented Landscapes Field Course (2000, 2002)

### GRADUATE STUDENTS ADVISED

Students under my supervision have been awarded over $35,000 in grants to support their research and been the recipients of prestigious fellowships and awards to support their studies:

* Priyanka Hari Haran: Research Grants from the ATBC, UF-SNRE, & UF-TCD
* FLAS Fellowship (S. Parsons)
* NSF Predoctoral Fellowships (M. Trager, S. Copeland)
* UF IGERT Fellowship (C. Lucas)
* Inter-American Foundation Grassroots Development Fellowship (C. Lucas)
* UF Alumni Fellowship (M. Trager)
* Fulbright Fellowship (A. Neto)
* Science Without Borders Doctoral Fellowship (E. V. Neto, F. Mundim).
* NSF Doctoral Dissertation Enhancement Grant (C. Lucas)
* UF-WEC Jennings Scholarship (A. Neto, M. Trager, F. Mundim, G. Iacona)
* UF-CALS Doris Lowe & Earl & Verna Lowe Scholarship (C. Lucas, E. V. Neto).

Research by my students has also been recognized for its excellence:

* Thomas Smith: Best Student Presentation, IALE-NA Annual Meeting (2022)
* Fabiane Mundim: UF-IFAS High-Impact Publication (2021)
* Fabiane Mundim: WEC High-Impact Publication (2016)
* Ana Cecilia Silva: Honorable Mention, Charles Wood Thesis Award, UF-LATAM (2015)
* Fabiane Mundim: Honorable Mention, OTS Outstanding Paper Competition (2012)
* Christine Lucas: Marianne Schmink Outstanding Dissertation Award, UF-TCD (2012)
* Ernane Vieira Neto: E. Lucy Braun Outstanding Poster Award, ESA Annual Meeting (2011)
* Shannon Moore: Best Presentation, UF High School Student Science Training Program Symposium (2010)
* Matthew Trager: Outstanding Research Award - MS Category, Wildlife Graduate Student Association (2005)

### DOCTORAL STUDENT COMMITTEE SERVICE, UNIVERSITY OF FLORIDA

### MASTER???S STUDENT COMMITTEE SERVICE

### MEMBER OF PROPOSAL REVIEW, THESIS REVIEW, OR THESIS DEFENSE COMMITTEE

### POSTDOCTORAL, SABBATICAL, & POSTGRADUATE SCHOLARS

### UNDERGRADUATE THESIS STUDENTS, HIGH SCHOOL RESEARCHERS, & VISITING GRADUATE STUDENTS

***Research Interns:*** *2007*: Wesley Dáttilo da Cruz, Univ. Estadual do Norte Fluminense (Brazil), Jefferson José Valsko da Silva, Universidade do Norte Fluminense (Brazil). *2005-2007*: Renata Pacheco do Nacimento and Cauê Thomé Lopes, Univ. Federal de Uberlândia (Brazil). *2005-2006*: Polyanna Custodio Duarte, Univ. Federal de Uberlândia (Brazil). *2006*: Waldete Castro Lourenço, Univ. Federal do Amazonas (Brazil), Elisabete Marques da Costa, Univ. Federal de Pernambuco (Brazil). *2005*: Bruno Turbiani, Universidade Estadual Paulista (Brazil). *2004*: Cristina Escate, Universidade Federal do Amazonas (Brazil), Simone Benedet, Universidade do Vale do Rio do Sinos (Brazil). *2003*: Cris Follman Jurinitz, Univ. Federal do Rio Grande do Sul (Brazil), Denise Cruz, Univ. Federal do Rio de Janeiro (Brazil). *2003-2004*: David M. Lapola, Universidade Estadual Paulista (Brazil). *2002*: Maria Beatriz Nogueira, Universidade de São Paulo (Brazil). *2001-2002*: Sylvia Heredia, Universidad de los Andes (Colombia). *2001*: Obed Garcia, INPA (Brazil), Olavo Nardy, UNESP (Brazil).

### SERVICE - UNIVERSITY OF FLORIDA

Samuel P. Harn Museum of Art Faculty Council (2012-2015)  
Selection Committee, UF Undergraduate Faculty Mentor/Advisor of the Year (2022)  
Selection Committee, UF Undergraduate Teacher of the Year (2022)  
Selection Committee, UF International Educator of the Year (2006)  
Selection Committee, UF Teacher/Scholar of the Year (2015)  
UF Research Foundation Professorship Selection Committee (2010)  
Fulbright Fellows Campus Interview Committee (2019)  
Catalyst Fellow, UF Innovation Academy Catalyst Challenge (2018)  
External Advisory Committee, Institute of Museum & Library Services Grant (2015-2018)  
International Outreach Advisory Council, Graduate School (2014-Present)  
Internal Advisory Board, Innovation through Institutional Integration (I3) program (2010-2014)  
Administrative Council, QSE3 IGERT (2008-2014)

### SERVICE - UF COLLEGE OF AGRICULTURAL AND LIFE SCIENCES

IFAS International Programs Advisory Team (2020-Present)  
UF-CALS Outstanding Thesis Selection Committee (2020)  
York Distinguished Lecture Selection Committee (2015)  
Search and Screen Committee, CALS Quantitative Sciences Faculty Positions (2013)  
Coordinating Committee, School for Natural Resources & the Environment (2012)  
Invited Speaker, College of Agricultural & Life Sciences Teaching Grantsmanship Workshop (2012)  
Mentorship Committee for Dr. Luke Flory, Dept. of Agronomy (2012)  
IFAS Faculty Professional Development Advisory Committee (2012-2013)  
Selection Committee, College of Agricultural & Life Sciences Teaching and Advising Awards (2012)  
Invited Speaker, College of Agriculture and Life Sciences Teaching Enhancement Symposium (2010)  
College of Agricultural & Life Sciences Undergraduate Scholarships & Awards Committee (2007-2009)  
Unifas Focus Group (Teaching Section), College of Agriculture and Life Sciences (2007)  
Unifas Advisory Committee, College of Agriculture and Life Sciences (2006-2007)  
Invited Speaker, College of Agriculture and Life Sciences Teaching Enhancement Symposium (2005)  
Commencement Marshal, College of Agricultural and Life Sciences (2004, 2014,2015, 2018)  
SNRE Seed Grant and New Faculty Support Grant Programs (2005)

### SERVICE - UF DEPARTMENT OF WILDLIFE ECOLOGY & CONSERVATION

Research Committee (2005-2007, 2020-present)  
Space Committee (2019)  
Communications Committee (2014-Present)  
Graduate Program Committee (2005-2012)  
International Programs Committee (2006-2010)  
Steering Committee, PSTC Compton Fellowship Program (2002-2010)  
Seminar Series Coordinator (2003-2004)  
Seminar Series Coordinator (2015)  
Chair, Tenure Mentorship Committee for Dr. Robert Fletcher (2009-2012)  
Tenure Mentorship Committee for Dr. Nia Morales (2021-2023)  
Tenure Mentorship Committee for Dr. Matt Hallet (2022-2025)  
Search and Screen Committee, Research Asst. Professor, Zoo Wildlife Conservation Biology (2020)  
Search and Screen Committee, Asst. Professor of Population Ecology (2017)  
Search and Screen Committee, Department Head (2006)  
Search and Screen Committee, Asst. Professor of Landscape Ecology (2004)  
Search and Screen Committee, Asst. Professor of Conservation Genetics, WEC (2004)  
Chair, Peer Teaching Evaluation Committee for Dr. Ethan White (2019-2020)  
Chair, Peer Teaching Evaluation Committee for Dr. Morgan Ernest (2017-2018)  
Chair, Peer Teaching Evaluation Committee for Dr. Lyn Branch (2011)  
Chair, Peer Teaching Evaluation Committee for Dr. Bill Pine (2010)  
Chair, Peer Teaching Evaluation Committee for Dr. Robert Fletcher (2009)  
Peer Teaching Evaluation Committee for Dr. Raelene Crandall (UF-FFGS, 2021-2022)  
Peer Teaching Evaluation Committee for Dr. Madan Oli (2003)  
Peer Teaching Evaluation Committee for Dr. Bill Pine (2015)  
Peer Teaching Evaluation for Dr. Michelle Mack (UF-Botany, 2006)

### SERVICE - UF CENTER FOR LATIN AMERICAN STUDIES

LAS Faculty Advisory Council (2020-2023)  
LAS Bylaws Revision Committee (2020-2021)  
LAS Merit Evaluation Committee (2015-2017)  
LAS Graduate Admissions and Fellowship Committee (2007)  
Chair, Search and Screen Committee, Lecturer in Latin American Studies (2015)  
Chair, LAS Awards and Scholarship Committee (2019)  
Search and Screen Committee, LAS Communications Coordinator (2015)  
Bacardi Seminar Series Coordinator (2015)  
Academic Advisor, Tropical Conservation and Development Program (2008-11, 2021-2022) Faculty Advisor, TCD Graduate Student Organization (2008-2016)  
Steering Committee, Tropical Conservation and Development Program (2002-08, 2010-16, 2018-present)  
Chair, TCD Fellowship Committee (2012, 2022)  
Chair, TCD Field Research Grants Committee (2004, 2008, 2009, 2010, 2015, 2020, 2021)  
Chair, Marianne Schmink Outstanding Dissertation Award Selection Committee (2010, 2011, 2013, 2022)  
TCD Field Research Grants Committee (2003, 2004)  
TCD Fellowship Committee (2003-2005)  
Organizing Committee, TCD Strategic Planning (2007-2008)  
Curriculum Committee, Master???s Program in Sustainable Development Practice (2010-2012)  
Advisory Council, Amazon Conservation Leadership Initiative (2004-2005)  
Advisory Committee, Pan-Amazon Community of Practice Project (2018-2020)

### SERVICE - OTHER INSTITUTIONS

External Tenure & Promotion Evaluations: 17 (2011-2022)  
 ASN/SSE/SSB Committee on Development a Professional Code of Ethics (2018-2019)  
External Advisor, 2nd Planning Workshop, Brazilian Biodiversity and Ecosystem Services Synthesis Center (2018)  
Discussant, Research & Writing Conference, Florida Education Fund/McKnight Doctoral Fellowship Program (2016)  
Co-host & Co-organizer, UC Davis Population Biology Workshop in Ecology (2000)  
Student Representative, UC Davis Population Biology GRT Executive Committee (1996-1997)  
UC San Diego EAP Selection Committee, Tropical Biology Program (1994)

### SERVICE - ASSOCIATION FOR TROPICAL BIOLOGY AND CONSERVATION

Past-President (2022), President (2021), President-Elect (2020)  
Chair, Nominations Committee (2022) Program & Organizing Committees, Annual Meeting of the ATBC (2021)  
Student Field Grants Selection Committee (2020)  
Student Field Grants Selection Committee (2020)  
Crowdfunding Workshop, Annual Meeting of the ATBC (2018)  
Annual Meeting Scientific Committee (2017, 2012)  
Councillor (2009-2011)  
Conservation Committee (2004-2006)  
Co-organizer, Symposium on Amazonian Conservation, Annual Meeting (2004)

### SERVICE - ECOLOGICAL SOCIETY OF AMERICA

Secretary (2022-2025)  
Teller’s Committee (2022-2025)  
Governance & Leadership Committee (2022-2025)  
Historical Records Committee (2022-2025)

### SERVICE AS A REVIEWER AND EDITOR

***Biotropica:*** Editor-in-Chief (2013-2019; *>2400 decisions*), Assoc. Editor (2010-2013), Subject Editor (2007-2019).

***Ecology***, ***Ecological Monographs***, and ***Ecological Applications***: Editorial Board (2008-2012)

***Ad hoc* referee for journals (No. of reviews):** *Trends in Ecology and Evolution* (1), *Nature Human Behavior* (1),*Nature Ecology & Evolution* (2), *Information, Communication,& Society* (1), *Ecology* (4), *Ecology and Evolution* (1), *Methods in Ecology & Evolution* (1), *Conservation Biology* (5), *Biological Conservation* (7), *Ecological Applications* (1), *Oecologia* (4), *Journal of Tropical Ecology* (2), *Journal of Ecology* (6), *New Phytologist* (1), *American Naturalist* (3), *Plant Ecology* (3), *Proc. Roy. Soc. Lond. B* (1), *Journal of Applied Ecology* (1), *Biotropica* (13), *Ecography* (5), *Ciência y Cultura* (2), *Oikos* (1), *Revista Chilena de Historia Natural* (1), *Biochemical Systematics & Ecology* (1), *Ecology Letters* (2), *Insectes Sociaux* (1), *American J. of Botany* (1), *Scientometrics* (1), *F1000* (1), *Desenvolvimento e Meio Ambiente* (1), *PLoS Biology* (2), *PLoS ONE* (1), *Theoretical Ecology* (1), *Conservation Science & Practice* (1)

**US National Science Foundation:** Proposal Review Panels: DEB Ecology (2005), DEB Population and Evolutionary Processes (2007), DEB Population and Community Ecology (2011, 2013). Ad-hoc proposal review: Division of Environmental Biology Core Programs (7), UMEB Program (2), RUI Program (1), AMERICAS Dissertation Improvement Grants (1), NSF Global Scientists and Engineers Program (1), International Research Fellowship Program (1), Dimensions of Biodiversity Program (1)

**Other service as a reviewer (No. of reviews or year of service)**: Red Line Editorial (2019, technical review of a K-12 book), Mindlin Foundation (2018), Cornell University Press (2017), Instituto Serrapliheira (2017), HHMI Professors Program (2017), UF FAES/CRIS Project Proposals (2), U. of Chicago Press (1), Alfred P. Sloan Foundation Minority Ph.D. Program (3). National Geographic Society (1), U. of California Press (1)

### INVITED PRESENTATIONS

### INTERVIEWS & MEDIA APPEARANCES

2023 [Nature](https://www.nature.com/articles/d41586-023-00711-z), [Vox](https://www.vox.com/policy-and-politics/23593369/ron-desantis-florida-schools-higher-education-woke)  
2022 [NRC (The Netherlands)](https://www.nrc.nl/nieuws/2022/02/22/systeem-van-open-access-helpt-wetenschappers-uit-arme-landen-niet-a4092976), [Nature](https://www.nature.com/articles/d41586-022-00342-w), WIRED Magazine, [Fox News Business](https://www.foxbusiness.com/politics/university-professors-unhappy-desantis-accountability), [The Scientist](https://www.the-scientist.com/news-opinion/florida-faculty-await-details-on-new-tenure-law-69971),  
  [Miami Herald](https://www.miamiherald.com/news/local/education/article263966316.html), [The Independent Florida Alligator](https://www.alligator.org/article/2022/09/blue-and-gold-macaw-uf-campus), [Chronicle for Higher Education](https://www.chronicle.com/article/it-could-have-been-worse-higher-ed-reacts-to-ben-sasse-at-u-of-florida), [The Hill](https://thehill.com/changing-america/enrichment/education/3274661-texas-and-florida-take-steps-to-limit-professor-tenure-at-state-schools/), Voice of America,  
  [‘How Ecology Works’ Podcast](https://www.chemistryworld.com/news/most-scientific-editors-still-come-from-us-or-uk/3008426.article)  
2021 Chronicle for Higher Education, [The Florida Independent Alligator](https://www.alligator.org/article/2021/01/what-happens-if-my-classmate-has-covid-19), [Associated Press](https://apnews.com/article/brazil-rio-de-janeiro-trees-abf6a15a804ea1485fbcec0eeed3d8d7), ABC’s Nightline  
2020 [Washington Post](https://www.washingtonpost.com/nation/2020/11/11/kyle-lamb-data-florida-coronavirus-desantis/), [South Florida Sun Sentinel](https://www.sun-sentinel.com/opinion/commentary/fl-op-com-grimm-ohio-sports-blogger-florida-covid-20201113-wikb2iv3gbd2vcby4hcevwyd6i-story.html)  
2019 [USA Today](https://www.usatoday.com/story/news/nation/2019/10/18/amazon-rainforest-still-burning-more-fires-future/4011238002/), CBC News Network, [The Atlantic](https://www.theatlantic.com/science/archive/2019/04/amnh-under-fire-hosting-brazils-jair-bolsonaro/587068/), [The Verge](https://www.theverge.com/2019/9/10/20858834/amazon-fire-brazil-forest-harm-recovery-century), MSNBC???s Velshi & Ruhle  
  [WIRED Magazine](https://www.wired.com/story/the-horrifying-science-of-the-deforestation-fueling-amazon-fires/), [Mashable](https://mashable.com/article/amazon-rainforest-fires-tipping-point-deforestation), BBC World Service, [BBC News](https://www.bbc.com/mundo/noticias-america-latina-49504502), The Miradas Podcast, [Phys.org](https://phys.org/news/2019-10-amazon-hasnt-outbreaks-month-future.html), [Infobae](https://www.infobae.com/america/america-latina/2019/09/10/las-areas-quemadas-del-amazonas-podrian-tardar-siglos-en-recuperarse-por-completo/)  
2018 Popular Science, Associated Press, [National Geographic](https://www.nationalgeographic.com/science/article/news-museu-nacional-fire-rio-de-janeiro-natural-history), Scholastic Classroom Magazines,  
  [Minnesota Public Radio’s Climate Cast](https://www.mprnews.org/story/2018/11/15/why-brazils-new-president-may-bring-more-climate-disaster-death), Gainesville Sun, Mongabay.com, [NBC News](https://www.nbcnews.com/news/latino/brazil-s-president-elect-jair-bolsonaro-may-smother-rainforest-scientists-n940326), [La Repubblica](https://www.repubblica.it/ambiente/2018/11/27/news/amazzonia_un_milione_di_campi_di_calcio_perduti_in_un_anno-212784490/),  
  [Editage Insights](https://www.editage.com/insights/science-journals-might-be-more-international-but-not-their-editorial-boards)  
2017 [Nature](https://www.nature.com/articles/548271a), [The Wire (India)](https://thewire.in/science/science-journals-might-international-not-editorial-boards), [Chemistry World](https://www.chemistryworld.com/news/most-scientific-editors-still-come-from-us-or-uk/3008426.article), Gainesville Sun, [Indianapolis Star](https://www.indystar.com/story/opinion/columnists/suzette-hackney/2017/03/24/hackney-robotics-kids-kindness-triumphs-hate/99578116/), [Phys.org](https://phys.org/news/2017-12-science-international-scientific-editorial-boards.html)  
2016 [Nature](https://www.nature.com/articles/nature.2016.20830), [Chronicle of Higher Education](https://www.chronicle.com/article/in-donald-trump-phd-scientists-find-catharsis-amid-gags/), [DailyDot](https://www.dailydot.com/unclick/donald-trump-phd-twitter-makes-science-great-again/), [Mongabay.com](https://news.mongabay.com/2016/01/special-issue-of-biotropica-makes-the-case-for-protecting-south-americas-white-sand-forests/) [Mongabay.com](https://news.mongabay.com/2016/04/building-roads-agricultural-expansion-brazil-aiding-spread-insects-harm-crops/)  
2015 [WAMC Public Radio](https://www.wamc.org/2015-01-30/is-there-a-pubradiovoice-that-sounds-like-america)  
2014 NPR???s Morning Edition - “Joe???s Big Idea”, TV Acre - Rede Globo Rio Branco, Bom Dia Amazônia, [SciDevNet](https://www.scidev.net/global/news/armadillo-mascot-world-cup/)  
  TV Gazetta ???Entrevista com Rogério Wenceslau??? (Rede Record Rio Branco), Estado de São Paulo  
  Nature.com, WUFT, Science/Science Insider, Howler Soccer Magazine???s Dummy Podcast  
2013 SciDevNet, WSLR Florida-Caribe Radio Show  
2006 The Scientist Magazine, Science Minority Scientists Network  
2005 Science???s Next Wave, Televisão Universitária, Uberlândia, Folha de São Paulo  
2004 Science Magazine???s Minority Scientists Network  
2002 NPR???s Weekend Edition Saturday, BBC World Service Radio 4, Austrian Public Television???s Modern Times.

### PROFESSIONAL DEVELOPMENT

2013 University of Florida Science Communication Academy  
2004 California Academy of Sciences: The Ant Course: Taxonomy & Systematics (Costa Rica)  
1996 Organization for Tropical Studies: Tropical Plant Systematics 96-9 (Costa Rica)  
1993 University of California Education Abroad Program: Tropical Biology Quarter (Costa Rica)

### MEMBERSHIPS IN PROFESSIONAL SOCIETIES

Ecological Society of America  
Association for Tropical Biology and Conservation British Ecological Society  
American Association for the Advancement of Science  
International Society for Scientometrics and Infometrics