

David H. Hembry

Assistant Professor
 University of Texas Permian Basin, Department of Biology
 4901 East University Boulevard, Odessa, TX 79762
 hembry_d@utpb.edu
<https://hembrylab.com>

Appointments

- 2021– **University of Texas Permian Basin**, Assistant Professor
 2020–2021 **University of Arizona**, Research Scientist
 2018–2019 **Cornell University**, Postdoctoral Researcher; adviser: P. M. O’Grady
 2015–2018 **University of Arizona**, NIH IRACDA (PERT) Postdoctoral Researcher;
 sponsors: K. M. Dlugosch, N. K. Whiteman
 2014–2015 **University of California, Berkeley**, NSF International Research Fellow
 (reentry component); host: M. B. Eisen
 2012–2014 **Kyoto University**, NSF International Research Fellow and Japan Society for the
 Promotion of Science Postdoctoral Researcher; host: A. Kawakita

Education

- 2005–2012 **University of California, Berkeley, Ph.D.**,
 Environmental Science, Policy, and Management
 committee: R. G. Gillespie (chair), B. G. Baldwin, P. M. O’Grady
 1999–2003 **Harvard University, B.A.**, Biology
 advisers: N. E. Pierce, A. H. Knoll

Other Appointments

- 2003–2005 Research Student, Kyoto University
 2001, 2003 Research Assistant, University of California, Santa Cruz
 supervisor: J. N. Thompson

Publications

- Zeng Y, **Hembry DH**. Submitted. Coevolution-induced stabilizing and destabilizing selection shapes species richness in clade co-diversification. Submitted 6 December 2023 to *Journal of Evolutionary Biology*. Preprint at *bioRxiv*, doi.org/10.1101/2023.11.29.569146
- Peláez JL, Gloss AD, Goldman Huertas B, Kim B, Lapoint RT, Pimentel-Solorio G, Verster KI, Aguilar JM, Nelson Dittrich AC, Singhal M, Suzuki HC, Matsunaga T, Armstrong EE, Charbonneau JLM, Groen SC, **Hembry DH**, Ochoa CJ, O’Connor TK, Prost S, Zaaiker S, Nabity PD, Wang J, Rodas E, Liang I, Whiteman NK. 2023. Evolution of chemosensory and detoxification gene families across herbivorous Drosophilidae. *G3: Genes, Genomes, Genetics* 13: jkad133.
- Hao K, Liu T-T, **Hembry DH**, Luo S-X. 2023. Trait matching in a multi-species geographic mosaic of leafy plants, brood pollinators, and cheaters. *Ecology and Evolution* 13: e10228.

- Dismukes W, Braga MP, **Hembry DH**, Heath TA, Landis MJ. 2022. Cophylogenetic methods to untangle the evolutionary history of ecological interactions. *Annual Review of Ecology, Evolution, and Systematics* 53: 275-298.
- Chheang P*, **Hembry DH**, Yao G, Luo S-X. 2021. Diversity and species-specificity of brood pollination of leafflower trees (Phyllanthaceae: *Glochidion*) by leafflower moths (Lepidoptera: *Epicephala*) in tropical Southeast Asia (Cambodia). *Plant Diversity* 44: 191-200. [* co-supervised master's student]
- Hembry DH**, Bennett G, Bess E, Cooper I, Jordan S, Liebherr J, Magnacca KN, Percy DM, Polhemus DA, Rubinoff D, Shaw KL, O'Grady PM. 2021. Insect radiations on islands: biogeographic pattern and evolutionary process in Hawaiian insects. *Quarterly Review of Biology* 96: 247-296
- Hembry DH**, Weber MG. 2020. Ecological interactions and macroevolution: a new field with old roots. *Annual Review of Ecology, Evolution, and Systematics* 51: 215-243. [Invited Review]
- Pires MM, O'Donnell JL, Burkle LA, Díaz-Castelazo C, **Hembry DH**, Yeakel JD, Newman EA, Medeiros LP, de Aguiar MAM, Guimarães PR Jr. 2020. The indirect paths to extinction cascades in mutualistic networks. *Ecology* 101: e03080.
- Pellmyr O, Kjellberg F, Herre EA, Kawakita A, **Hembry DH**, Holland JN, Terrazas T, Clement W, Segreaves KA, Althoff DM. 2020. Active pollination drives selection for reduced pollen-ovule ratios. *American Journal of Botany* 107: 164-170.
- de Aguiar MAM, Newman EA, Pires MM, Yeakel JD, Boettiger C, Burkle L, Gravel D, Guimarães PR Jr, O'Donnell J, Poisot T, Fortin M-J, **Hembry DH**. 2019. Revealing biases in the sampling of ecological interaction networks. *PeerJ* 7: e7566.
- Ponisio LC, Valdovinos F, Althoff KT, Gaiarsa M, Barner A, Guimarães P, **Hembry DH**, Morrison B, Gillespie R. 2019. A network perspective on community assembly. *Frontiers in Ecology and Evolution* 7: 103.
- Delmas E, Besson M, Brice M-H, Burkle LA, Dalla Riva GV, Fortin M-J, Gravel D, Guimarães PR Jr, **Hembry DH**, Newman EA, Olesen JM, Pires MM, Yeakel JD, Poisot T. 2019. Analysing ecological networks of species interactions. *Biological Reviews* 94: 16-36.
- Hembry DH**, Raimundo RLG, Newman EA, Atkinson L*, Guo C*, Guimarães PR, Gillespie RG. 2018. Does biological intimacy shape ecological network structure? A test using a brood pollination mutualism on continental and oceanic islands. *Journal of Animal Ecology* 87: 1160-1171. [* undergraduate co-author]
- Hembry DH**. 2018. Evolutionary biogeography of the terrestrial biota of the Marquesas Islands, one of the world's remotest archipelagos. *Journal of Biogeography* 45: 1713-1726.
- Newman EA, Winkler CA, **Hembry DH**. 2018. Effects of anthropogenic wildfire activity in low elevation Pacific island vegetation communities in French Polynesia. *PeerJ* 6: e5114.
- Luo S-X, Yao G, Wang Z, Zhang D, **Hembry DH**. 2017. A novel, enigmatic basal leafflower moth lineage pollinating a derived leafflower host illustrates the dynamics of host shifts, partner replacement, and apparent co-adaptation in intimate mutualisms. *The American Naturalist* 189: 422-435.
- Hembry DH**, Althoff DM. 2016. Diversification and coevolution in brood pollination mutualisms: windows into the role of biotic interactions in generating biological diversity. *American Journal of Botany* 103: 1783-1792. [Invited Special Review]

- Hembry DH**, Balukjian B. 2016. Molecular phylogeographic synthesis of the Society Islands (Tahiti; South Pacific) reveals departures from hotspot archipelago models. *Journal of Biogeography* 43: 1372-1387.
- Ohshima I, Kawakita A, **Hembry D**. 2015. Meeting report: International Symposium on Gracillariidae, 26-28 September 2014. *Japanese Journal of Entomology (New Series)* 18: 1-14. [In Japanese]
- Hembry DH**, Yoder JB, Goodman KR. 2014. Coevolution and the diversification of life. *The American Naturalist* 184: 425-438.
- Raimundo RLG, Gibert JP, **Hembry DH**, Guimarães PR. 2014. Conflicting selection in the course of adaptive diversification: the interplay between mutualism and intraspecific competition. *The American Naturalist* 183: 363-375
- Hembry DH**. 2013. Herbarium specimens reveal putative insect extinction on the deforested island of Mangareva (Gambier Archipelago, French Polynesia). *Pacific Science* 67: 553-560 [Media coverage in *Slate*]
- Katayama N, **Hembry DH**, Hojo MK, Suzuki N. 2013. Why do ants shift their foraging from extrafloral nectar to aphid honeydew? *Ecological Research* 28: 919-926
- Hembry DH**, Kawakita A, Gurr NE, Schmaedick MA, Baldwin BG, Gillespie RG. 2013. Non-congruent colonizations and diversification in a coevolving pollination mutualism on oceanic islands. *Proceedings of the Royal Society B* 280: 20130361
- Hembry DH**, Okamoto T, McCormack G, Gillespie RG. 2013. Phytophagous insect community assembly through niche conservatism on oceanic islands. *Journal of Biogeography* 40: 225-235
- Hembry DH**, Okamoto T, Gillespie RG. 2012. Repeated colonization of remote islands by specialized mutualists. *Biology Letters* 8: 258-261
[Media coverage: UC Berkeley News Center, German public radio, *Daily Cal*, *Cook Island News*]
- Hembry DH**, Katayama N, Hojo MK, Ohgushi T. 2006. Herbivory damage does not indirectly influence the composition or excretion of aphid honeydew. *Population Ecology* 48: 245-250

Book chapters:

-
- Hembry DH**. 2017. Phyllanthaeae-*Epicephala* mutualistic interactions on oceanic islands in the Pacific. In: Kato M, Kawakita A (eds) *Obligate Pollination Mutualism*, pp. 221-248. Tokyo: Springer Japan.
- Hembry DH**. 2016. Biogeography of interactions. In: Kliman R (ed) *Encyclopedia of Evolutionary Biology*, vol. 1, pp. 197-202. Oxford: Academic Press.

Popular publications:

-
- Hembry D**. 2017. Important for science. "Your views on Organ Mountains-Desert Peaks National Monument." *Las Cruces Sun-News*, May 21, 2017.
- Hembry D**. 2017. Monument is important to science. *Las Cruces Bulletin*, May 5, 2017, pp. A8-A9.
- Hembry D**. 2014. Nihon to Amerika no shinkagaku/seitaigaku no kenkyū, dō chigau ka? [How does research in evolution and ecology differ between Japan and the United States?] *Kotaigun Seitai Gakkai Kaihō* 71: 10-17 [In Japanese]

- Hembry D.** 2014. Trait-Mediated Indirect Interactions: Ecological and Evolutionary Perspectives [book review]. *Nihon Seitai Gakkai Nyūsurettā* 33: 33-35 [In Japanese]
- Hembry D.** 2013. Shinka-seitaigaku no kenkyū-ryūgaku no tame Amerika kara Nihon ni kite mananda koto. [Things I learned coming from the US to Japan to do evolutionary ecology.] *Nihon Seitai Gakkai Kantō Chikukai Kaihō* 61: 11-14 [In Japanese]
- Hembry, D.** 2012. What's changed in evolution and ecology since I started my Ph.D. Guest post for *Nothing in Biology Makes Sense!* Online at <http://nothinginbiology.org/2012/06/19/whats-changed-in-evolution-and-ecology-since-i-started-my-ph-d/>

Grants, Fellowships & Awards

**indicates participant*

- 2023 Hispanic-Serving Institution STEM Project (HSI-STEM), UT Permian Basin, “Diversity of insect-plant interactions” (\$12,554)
- 2023 **NSF Division of Biological Infrastructure, REPS supplement request** to support post-bac student Sarai Badillo (\$44,750)
- 2023 **NSF Building Research Capacity in Biology (BRC-BIO):** “Evolution and ecology across the mutualism-parasitism transition in leafflower plants (Phyllanthaceae) and leafflower moths (Lepidoptera: Gracillariidae: *Epicephala*)” (\$502,998)
- 2023 Hispanic-Serving Institution STEM Project (HSI-STEM), UT Permian Basin, “Diversity of leafflower moths (Lepidoptera: Gracillariidae: *Epicephala*) in the southern United States” (\$10,142)
- 2023 American Society of Naturalists (\$2,667 for student travel to Evolution 2023 meetings)
- 2022 Texas Ecological Laboratory, “Pollination biology of smartweed leafflower (*Nellica polygonoides*) in Texas” (\$5,150)
- 2022 Research, Scholarly, & Creative Activity Grant Program (RSCA), UT Permian Basin, “Pollination biology of leafflower plants in West Texas and Puerto Rico” (\$5,000)
- 2021 Texas Ecological Laboratory, “Distributions and diversity of native and introduced leafflowers (Phyllanthaceae: *Phyllanthus* spp.) and their associated insects in central Texas” (\$4,000)
- 2021 **University of Texas System, Science and Technology Acquisition and Retention Program (STARS)** (\$245,000, of which \$105,000 for renovations and \$140,000 for equipment)
- 2015 **National Institute for Mathematical and Biological Synthesis (NIMBioS), Working Group:** “Spatiotemporal variation and dynamics in ecological networks” (Co-organizer with J. O’Donnell, D. Gravel, P. Guimarães)
- 2015 Native Plant Society of New Mexico, “Pollination biology and systematics of native *Phyllanthus* (Phyllanthaceae; including *Reverchonia*) in New Mexico” (\$1000)
- 2015 Key Laboratory, South China Botanical Garden, Chinese Academy of Sciences, “Variation in network structure of specialized pollination interactions (Phyllanthaceae: *Glochidion*; Lepidoptera: *Epicephala*) across environmental gradients in South China” (Co-PI: S. Luo; ~USD\$6,500)
- 2014 **Postdoctoral Excellence in Research and Teaching (PERT) Fellowship, University of Arizona** (\$155,268)
- 2013 *National Natural Science Foundation of China, “Comparative phylogeography of obligate pollination mutualisms between *Phyllanthus* spp. (Phyllanthaceae) and their pollinating and parasitic insects” (PI: S.-X. Luo; ~USD\$13,000)
- 2012 *JSPS Grant-in-Aid for Scientific Research (PI: A. Kawakita; ~USD\$35,000)
- 2012 **NSF International Research Fellowship (IRFP)** (\$161,975)

- 2012 **Japan Society for the Promotion of Science Postdoctoral Fellowship**
(~USD\$112,000)
- 2011 Organization for Tropical Studies Research Grant (\$1,470)
- 2011 McBryde Travel Award, National Tropical Botanical Garden (\$1000)
- 2011 Travel Grant, ESPM, UC Berkeley (\$900)
- 2010–11 Travel Grant, UC Berkeley Entomology Students' Association (2 times, total \$1000)
- 2010 **NSF East Asia and Pacific Summer Institute** (Japan) (\$5000)
- 2008 Foreign Language and Area Studies Fellowship (Indonesian)
- 2007–08 Sigma Xi Grant-In-Aid of Research (2 times, total \$2000)
- 2007 Society for the Study of Evolution Conference Travel Award (\$750)
- 2006–12 Walker Fund for Arthropod Systematics, UC Berkeley (7 times, total \$7000)
- 2005 **NSF Graduate Research Fellowship (GRFP)** (\$90,000)
- 2005 NSERC Postgraduate Scholarships M (declined to attend graduate school in the US)
- 2003 **Monbushō Research Student Scholarship** (Japanese government)
- 2003 **Fulbright Grant** (declined in favor of Monbushō Scholarship)
- 2002 King Fellowship, Harvard College

Grants to Mentored Students (co-managed with student)

Undergraduates:

- 2022 Chelsea Rodriguez (UTPB): Texas Ecological Laboratory, “Distributions and diversity of native and introduced leafhoppers (Phyllanthaceae: *Phyllanthus* spp.) and their associated insects in West Texas” (\$6,000)
- 2022 Evelyn Guerrero (UTPB): Undergraduate Research Program, UT Permian Basin (\$800)

Merit Awards

- 2010 Outstanding Graduate Student Instructor Award, UC Berkeley
- 2002 Tazuko Ajiro Monane Prize for Japanese language study, Harvard University

Teaching Experience

Instructor:

- 2023 Evolution of Species Interactions, UT Permian Basin [graduate reading course]
- 2022– Evolution of Infectious Disease, UT Permian Basin [online course]
- 2022– Vertebrate Zoology, UT Permian Basin [lecture and lab]
- 2022 General Biology II, UT Permian Basin
- 2021– Evolution, UT Permian Basin
- 2021– Animal Behavior, UT Permian Basin
- 2019–21 Ecology and Evolution of Infectious Disease, University of Arizona [online course]
- 2017 Environmental Biology, Pima Community College (Tucson, AZ)
Teaching mentor: Steve Mackie
- 2011 General Entomology Lab, UC Berkeley
Course professor: P. M. O’Grady
- 2008–09 Graduate Coevolution Reading Group, UC Berkeley
- 2008 Jepson Herbarium Workshop, UC Berkeley: “Insect Diversity and Coevolution”

Teaching Assistant:

- 2010 Evolution, UC Berkeley
Instructors: K. Padian, E. L. Simms, J. L. Boore

2009 Biology and Geomorphology of Tropical Islands (field course), UC Berkeley
Instructors: B. D. Mishler, P. V. Kirch, G. K. Roderick, V. H. Resh

Course Reader:

2008 Human Biogeography of the Pacific, UC Berkeley
Instructor: P. V. Kirch

Guest Lectures:

2020 Evolutionary Ecology, University of Arizona [online course]
2018 Evolutionary Ecology, University of Arizona
2016 Evolutionary Ecology, University of Arizona
2008 Human Biogeography of the Pacific, UC Berkeley
2008 Marine Biology Quarter, University of California, Los Angeles (lecture at field station)
2008 Three Seas Program, Northeastern University (lecture at field station)

Mentoring

Graduate (M.S.) Advising:

2023– Chelsea Rodriguez (UT Permian Basin)
2019–21 Pital Chheang (University of the Chinese Academy of Sciences; with S.-X. Luo)
2016–17 Lianjie Zhang (University of the Chinese Academy of Sciences; with S.-X. Luo)

Postbaccalaureate Research Advising:

2023– Sarai Badillo (UT Permian Basin, supported by NSF REPS supplement)

Undergraduate Thesis Mentoring:

2017–18 Kaija Broders (Ecology & Evolutionary Biology, University of Arizona)

Other Undergraduate Mentoring:

2023– Maite Arroyo (Biology, UT Permian Basin)
2023– L. Batchelor (Biology, UT Permian Basin)
2023 Kaylee Garcia (Biology, UT Permian Basin)
2023– Morgan Hernandez (Biology, UT Permian Basin)
2023– Jenny Hunt (Biology, UT Permian Basin)
2023 Jacquelyn Lopez (Biology, UT Permian Basin)
2023– Zacharie Yandell (Biology, UT Permian Basin)
2023 Daniel Garcia (Biology, UT Permian Basin)
2022–23 Sarai Badillo (Biology, UT Permian Basin)
2022–23 Emilia Gutierrez (Biology, UT Permian Basin)
2022–23 Jose Zapata (Biology, UT Permian Basin)
2022–23 Calli Davis (Biology, UT Permian Basin)
2022–23 Alondra Pando (Biology, UT Permian Basin)
2022 Jeffrey Brown (Biology, UT Permian Basin)
2022 Maggie Bullard (Biology, UT Permian Basin)
2022– Jacqueline De Santiago (Biology, UT Permian Basin)
2022 Alexis Morales (Biology, UT Permian Basin)
2021– Evelyn Guerrero (Biology, UT Permian Basin)
2021–23 Chelsea Rodriguez (Biology, UT Permian Basin)
2017 Elisa Acosta (Physiology and Biology, University of Arizona)
2017 Jesse Duarte (Pima Community College)
2017 Zak Piekarski (Biology and Molecular & Cellular Biology, University of Arizona)
2016–17 Danica Evidente (Biology and Physiology, University of Arizona)
2016–17 Joshua Fowler (Ecology & Evolutionary Biology, University of Arizona)
2016–17 Jeffrey Wooton (Ecology & Evolutionary Biology, University of Arizona)

- 2016 Alec Christensen (Ecology & Evolutionary Biology, University of Arizona)
- 2016 Joanna Milhelich (Bioinformatics, University of Arizona)
- 2016 Julie Ray (Molecular & Cell Biology, University of Arizona)
- 2015 Shruti Koti (Molecular & Cell Biology, UC Berkeley)
- 2010–11 Lesje Atkinson, URAP (Molecular Environmental Biology, UC Berkeley)
- 2010–11 Chang Guo, URAP (Integrative Biology, UC Berkeley)

Graduate (M.S.) Committee Membership:

- 2023– Aminat Akinfolarin (Department of Biology, UT Permian Basin)
- 2023– Abraham Akiyode (Department of Biology, UT Permian Basin)
- 2023– Adeseye Ogundele (Department of Biology, UT Permian Basin)
- 2023 Bernadette Adkins (Department of Biology, UT Permian Basin)
- 2023 Hans Ott (Department of Biology, UT Permian Basin)

Service

Workshop & Symposium Organization:

- 2018–19 Co-organizer, symposium on “Integrating ecological interactions into macroevolution”, Society for the Study of Evolution, Evolution 2019, Providence, RI (with M. G. Weber)
- 2017–18 Co-organizer, Spatial and Temporal Dynamics of Ecological Networks of Species Interactions, May 14-18, 2018, International Centre for Theoretical Physics-South American Institute for Fundamental Research, São Paulo, SP, Brazil (Continuation of NIMBioS Working Group, below)
- 2016–17 Co-organizer, symposium on “Role of plant-pollinator interactions in generating and maintaining biodiversity,” International Botanical Congress, Shenzhen, China (with S.-X. Luo)
- 2015–19 Co-organizer, Working Group on Spatiotemporal Dynamics of Ecological Networks, National Institute for Mathematical and Biological Synthesis (NIMBioS), Knoxville, TN
- 2015–16 Organizing committee, annual NIH Institutional Research and Academic Career Development Awards (IRACDA) conference, June 12-14, 2016, Tucson, AZ
- 2013 Organized international symposium on leafhopper-leafhopper moth interactions (*Phyllanthae/Epicephala*), Kyoto University, Japan
- 2012–14 Co-organizer for International Symposium on Gracillariidae, Kozagawa, Japan
- 2007 Organizing committee for Graduate Research Symposium, Department of Environmental Science, Policy, and Management, UC Berkeley

National & International:

- 2015 Contributor, IUCN Red List of Threatened Species of France: “Chapitre flore vasculaire endémique de Polynésie française”
- 2015 Expert reviewer, Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES), first order draft, “Thematic assessment of pollinators, pollination, and food production”
- 2014 Assistant, field training course, National Conference and International Workshop on Evolutionary Ecology and Plant Reproductive Biology, Guangzhou, China
- 2014 Judge, graduate student presentation awards, American Society of Naturalists meeting, Pacific Grove, CA
- 2010– Associate Faculty Member, Faculty of 1000 (with R.G. Gillespie)

UT Permian Basin (2021–):

- 2023 Organizer, West Texas Native Bee Identification Workshop
- 2023– Member, International Oversight Committee

- 2023 External member, Dean search committee, College of Health Sciences
 2022– Graduate Program Head, Department of Biology

University of Arizona (2015–2018):

- 2017–18 Postdoctoral Excellence in Research and Teaching (PERT) Advisory Board
 2016 Center for Insect Science Seed Grants Award committee
 2016 Center for Insect Science Graduate Travel Grant Awards committee

UC Berkeley (2005-2012):

- 2006–07 Student representative to faculty meetings, Division of Organisms and Environment

Peer Review:

Journals: *Proceedings of the National Academy of Sciences*, *Proceedings of the Royal Society B*, *Molecular Ecology*, *Ecology*, *The American Naturalist*, *Systematic Biology*, *PLOS Biology*, *Scientific Reports*, *BMC Evolutionary Biology*, *Oikos*, *Oecologia*, *Journal of Animal Ecology*, *Biological Journal of the Linnean Society*, *PLOS Computational Biology*, *American Journal of Botany*, *Zootaxa*, *New Phytologist*, *Ecography*, *Functional Ecology*, *Evolutionary Ecology*, *Biotropica*, *Molecular Phylogenetics and Evolution*, *Ecology and Evolution*, *Biological Conservation*, *Australian Journal of Botany*, *Population Ecology*, *Ecological Entomology*, *PLOS ONE*, *Insect Systematics and Diversity*, *ZooKeys*, *Plant Species Biology*, and *Nihon Seitai Gakkai Shi (Japanese Journal of Ecology)*

Grant Proposal Review:

National Science Foundation (panel review, DEB Systematics and Biodiversity Science; ad hoc review, DEB Core), Austrian Science Fund (FWF), and National Geographic Society (Committee on Research and Exploration)

Professional Societies

Society for the Study of Evolution; American Society of Naturalists; Ecological Society of America; European Society for Evolutionary Biology

Other Professional Training

- 2015 Winter Python Bootcamp, QB3 Institute, University of California, Berkeley, CA
 2012 Workshop on Macroevolution in R, NCEAS, Santa Barbara, CA
 2012 Bodega Applied Phylogenetics Workshop, Bodega Bay, CA
 2011 São Paulo School on Ecological Networks, São Pedro, Brazil (*selected competitively*)

Workshop Participation:

- 2019 Workshop to Enhance Collaboration Between US & Indonesia in Biodiversity & Conservation Research, Bogor, Indonesia
 2018 Next-Generation Ecological Network Theory and Application, Santa Fe Institute, Santa Fe, NM
 2018 Workshop on Spatial and Temporal Dynamics of Ecological Networks of Species Interactions, International Centre for Theoretical Physics-South American Institute for Fundamental Research, São Paulo, SP, Brazil
 2016 Symbiosis Workshop, Wawona, CA
 2014 5th National Conference and International Workshop on Evolutionary Ecology and Plant Reproductive Biology, Guangzhou, China
 2009 NSF BS&I French Polynesia Terrestrial Arthropod Survey Workshop, Papanua, Tahiti, French Polynesia

Presentations and Seminars

Invited Talks:

- 2024 Rice University, Houston, TX (*scheduled Spring 2024*)
- 2023 University of Hawai'i at Hilo
- 2023 Angelo State University, San Angelo, TX
- 2023 University of Texas at Austin
- 2023 Jardín Botánico Nacional, Universidad de La Habana, Cuba
- 2023 Simposio de Diversidad Biológica y Conservación, SABER UH, Universidad de La Habana, Cuba
- 2021 IPB University (Institut Pertanian Bogor), Indonesia (*virtual*)
- 2020 University of Texas Permian Basin (*virtual*)
- 2020 Ohio State University
- 2020 Northern Arizona University
- 2019 University of Nebraska at Kearney
- 2019 Joint Evolution Meetings; Providence, RI (*Society for the Study of Evolution Symposium*)
- 2019 Joint Evolution Meetings; Providence, RI (*American Society of Naturalists Spotlight Session; declined due to one-presentation rule*)
- 2019 McGill University, Sainte-Anne-de-Bellevue, QC
- 2019 University of Michigan (*Symposium Talk*)
- 2019 University of South Alabama
- 2019 Arizona State University
- 2018 Thompson Rivers University, BC
- 2018 University of California, Riverside
- 2018 Universidade Estadual de Campinas (Unicamp), Brazil
- 2018 Universidade de São Paulo, Brazil
- 2018 International Centre for Theoretical Physics, São Paulo, Brazil (*Workshop Talk*)
- 2018 Iowa State University
- 2018 University of Hawai'i at Mānoa
- 2018 University of Idaho
- 2017 University of Texas at Arlington
- 2017 McGill University, Montréal, QC
- 2016 South China Botanical Garden, Guangzhou
- 2016 New Mexico State University
- 2016 Joint Evolution Meetings; Austin, TX (*American Society of Naturalists Spotlight Session*)
- 2016 École normale supérieure, Paris, France (*Symposium Talk*)
- 2016 Pacific Branch, Entomological Society of America; Honolulu, HI (*Symposium Talk*)
- 2016 Hawai'i Leafminer Workshop; Volcano, HI (*declined due to scheduling conflict*)
- 2016 Island Biology 2016; Angra do Heroísmo, Portugal (*declined due to scheduling conflict*)
- 2015 Santa Fe Institute, NM
- 2015 University of Texas at Austin
- 2015 Botany Meeting; Edmonton, AB (*Colloquium Talk*)
- 2015 Nomifest (symposium celebrating Naomi Pierce), Harvard University
- 2015 Society for Population Ecology; Hikone, Japan (*declined due to scheduling conflict*)

- 2015 Association for Tropical Biology and Conservation; Honolulu, HI (*declined due to scheduling conflict*)
- 2014 University of California, Davis
- 2014 University of Shiga Prefecture, Hikone, Japan
- 2014 Ryukoku University, Otsu, Japan
- 2014 South China Botanical Garden, Guangzhou (*Workshop Talk*)
- 2014 Ecological Society of Japan Meeting; Hiroshima, Japan (*Symposium Talk*)
- 2013 University of Shiga Prefecture, Hikone, Japan
- 2013 Taiwan Entomological Society Meeting; Huisun Forest (*Keynote Address*)
- 2013 Kansai Lepidopterists' Seminar; Kyoto, Japan
- 2013 Joint Evolution Meetings; Snowbird, UT (*Ernst Mayr Symposium Talk*)
- 2013 South China Botanical Garden, Guangzhou
- 2013 Kanto Branch, Ecological Society of Japan; Tokyo, Japan (*Symposium Talk*)
- 2012 Kyoto Prefectural University, Kyoto, Japan
- 2010 Kyoto University, Kyoto, Japan
- 2010 Phyllanthaceae/*Epicephala* Symposium; Kyoto, Japan
- 2010 Pacific Coast Entomological Society; Davis, CA
- 2009 French Polynesia Terrestrial Arthropod Workshop; Papara, Tahiti

Contributed Talks:

- 2024 Texas Academy of Science; Odessa, TX (*submitted*)
- 2023 3rd Crossing the Palaeontological-Ecological Gap (CPEG); Vilnius, Lithuania
- 2023 Ecological Society of America; Portland, OR
- 2023 Joint Evolution Meeting; Albuquerque, NM
- 2023 University of Puerto Rico, Río Piedras Campus (*Informal Seminar*)
- 2020 American Society of Naturalists Meeting; Pacific Grove, CA
- 2019 Botany Meeting; Tucson, AZ (*2 contributed talks as presenting author*)
- 2018 International Symbiosis Society; Corvallis, OR
- 2018 Universidad Nacional Autónoma de México, Unidad Hermosillo
- 2018 American Society of Naturalists Meeting; Pacific Grove, CA
- 2017 Joint Evolution Meeting; Portland, OR
- 2017 Arizona Native Plant Society; Prescott, AZ
- 2017 International Biogeography Society; Tucson, AZ
- 2016 Symbiosis Workshop; Wawona, CA
- 2016 American Society of Naturalists Meeting; Pacific Grove, CA
- 2015 Escuela Nacional de Estudios Superiores (UNAM), Unidad León, Mexico
- 2015 University of Nevada, Reno (*Informal Seminar*)
- 2014 International Symposium on Gracillariidae; Kozagawa, Japan
- 2014 Vietnam National University, Hanoi
- 2014 Society of Evolutionary Studies, Japan Meeting; Takatsuki, Japan
- 2014 Ecological Society of America Meeting; Sacramento, CA
- 2014 Joint Evolution Meeting; Raleigh, NC
- 2014 American Society of Naturalists Meeting; Pacific Grove, CA
- 2013 Leafy Flower Symposium; Otsu, Japan
- 2013 Okinawa Institute of Science and Technology, Onna, Japan (*Informal Seminar*)

- 2013 Forestry and Forest Products Research Institute, Tsukuba, Japan (*Seminar*)
- 2012 Ecological Society of America Meeting; Portland, OR
- 2012 Joint Evolution Meeting; Ottawa, ON
- 2011 Entomological Society of America; Reno, NV
- 2011 Joint Evolution Meeting; Norman, OK
- 2011 Evolution of Life on Pacific Islands and Reefs; Honolulu, HI
- 2011 University of California, Santa Cruz (*Informal Seminar*)
- 2010 Western Evolutionary Biologists Meeting; Irvine, CA
- 2010 University of Idaho (*Informal Seminar*)
- 2010 Society for Evolutionary Studies, Japan Meeting; Tokyo, Japan
- 2004 International Congress of Entomology; Brisbane, Australia
- 2004 Santa Lucia Gradient Study Workshop; Santa Cruz, CA (*read by John N. Thompson*)

Outreach Talks:

- 2020 Ohio State University at Lima
- 2017 Arizona Native Plant Society, Cochise Chapter, Sierra Vista
- 2012 JSPS Science Dialogue, Nagoya Kōyō High School, Nagoya, Japan
- 2009 American Sāmoa Community College, Pago Pago
- 2008 Association Te Pū 'Ātiti'a, Mo'orea, French Polynesia [in French]

Co-authored Talks and Presentations by Mentored Graduate (M.S.) Students:

- 2024 Chelsea Rodriguez (UTPB): Texas Academy of Science, Odessa (*Poster, submitted*)
- 2021 Pisal Chheang (University of the Chinese Academy of Sciences): Virtual Botany Meeting (*Talk*)

Co-authored Talks and Presentations by Mentored Undergraduate Students:

- 2024 Evelyn Guerrero (UTPB): Texas Academy of Science, Odessa (*Talk, submitted*)
- 2024 Sarai Badillo (UTPB): Texas Academy of Science, Odessa (*Poster, submitted*)
- 2023 Evelyn Guerrero (UTPB): Texas Undergraduate Research Day at the Capitol, Austin (*Invited Poster*)
- 2023 Evelyn Guerrero (UTPB): Undergraduate Research Day, UT Permian Basin (*Talk*)
- 2023 Evelyn Guerrero (UTPB): Texas Academy of Science, San Angelo (*Poster*)

Media Coverage

- 2019 “Networking? New software studies the ecological kind.” National Institute for Mathematical and Biological Synthesis Blog, September 23. [*Coverage of de Aguiar et al. 2019 PeerJ*]
- 2017 “Plant keeps moths captive inside its fruits for almost a year.” *Zoologger, New Scientist*, February 1. [*Coverage of Luo et al. 2017 Am. Nat.*]
 “Gewitzte Gewächse.” *Süddeutsche Zeitung*, 24 April. [*Coverage of Luo et al. 2017 Am. Nat.*] [In German]
- 2014 “Fire in Paradise.” *Wildfire* (International Association of Wildland Fire) 23: 22-26.
 “Hakka-koku kara kenkyūsha sanjūyo-nin, sekai-hatsu no ‘hosoga-ka’ shinpojiumu.” *The Kumano Shimbun*, September 28. [in Japanese]
- 2013 “Know any good snail jokes?” *Slate*, December 11. [*Coverage of Hembry 2013 Pac. Sci.*]

- 2012 “Hunting for insects on Viti Levu.” *Ecosystem Based Management-Fiji Newsletter* (Wildlife Conservation Society Fiji)
- 2011 [All 2011 articles below are coverage of Hembry et al. 2012 *Biol. Lett.*]
“Nach all den Jahren.” *Forschung Aktuell*, Deutschlandfunk (German public radio), December 14. [in German]
“Biodiversity study includes Cooks.” *Cook Islands News*, September 19.
“Study indicates symbiotic species can reconnect after separation.” *Daily Californian*, September 12.
“Symbiotic species reconnect across distances, study finds.” UC Berkeley College of Natural Resources web site, September 7.
- 2009 *Le Journal*, Tahiti Nui Télévision, November 16. [in French]
- 2008 “Maupiti: l’effet *Glochidion*.” *La Dépêche de Tahiti*, January 10. [in French]