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Education

Ph.D Ecology University of California, Davis, 1998 (supervisor: Dr. A. M. Shaipro)
B.S. Biology University of Minnesota, Twin Cities, 1989

Employment

2013- Professor, Department of Biology, Texas State University - San Marcos
2007-2013 Associate Professor, Department of Biology, Texas State University - San Marcos
2001-2007 Assistant Professor, Department of Biology, Texas State University - San Marcos
1998-2000 Postdoctoral Fellow/Lecturer, Department of Entomology, University of Wisconsin, Madison (supervisor: Richard French-Constant)

Publications (* Student Authors)

90. Harvey, J. A., Tougeron, K., Gols, R., Heinen, R., Abarca, M., Abram, P. K., ... Nice, C.C. ... Chown, S. L. 2023. Scientists' warning on climate change and insects. *Ecological Monographs*, 93(1) e1553.
89. Zhang, L., S. Chaturvedi, C. C. Nice, L. K. Lucas, Z. Gompert. 2023. Population genomic evidence of selection on structural variants in a natural hybrid zone. *Molecular Ecology* 32(6) 1497-1514.
88. Shastry, V., K. L. Bell, C. A. Buerkle, J. A. Fordyce, M. L. Forister, Z. Gompert, S. L. Lebeis, L. K. Lucas, Z. H. Marion, C. C. Nice. 2022. A continental-scale survey of *Wolbachia* infections in blue butterflies reveals evidence of interspecific transfer and invasion dynamics. *G3 Genes — Genomes — Genetics* 2022 Oct;12(10):jkac213.
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- divergence across tidal elevation in a foundation plant species. *American Naturalist* 198 (5), E152-E169.
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81. Krueger-Hadfield, S. A., B. A. Flanagan*, O. Godfroy, K. M. Hill-Spanik, C. C. Nice, C. J. Murren, A. E. Strand, E. E. Sotka. 2021. Using RAD-seq to develop sex-linked markers in a haplodiplontic alga. *Journal of Phycology* 57:279-294.
80. Halsch*, C. A., A. M. Shapiro, J. A. Fordyce, C. C. Nice, J. H. Thorne, D. P. Waetjen, M. L. Forister. 2021. Insects and recent climate change. *Proceedings of the National Academy of Sciences* 118(2):e2002543117.
79. Fordyce, J. A., C. C. Nice, M. L. Forister. 2020. Commentary: Evaluating the migration mortality hypothesis using Monarch tagging data. *Frontiers in Ecology and Evolution* 8:430.
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68. Lucas, L. K., C. C. Nice and Z. Gompert. 2018. Genetic constraints on wing pattern variation in Lycaeides butterflies: A case study on mapping complex, multifaceted traits in structured populations. *Molecular Ecology Resources* 18:892-907.
67. Chaturvedi*, S., L. K. Lucas, C. C. Nice, J. A. Fordyce, M. L. Forister, Z. Gompert. 2018. The predictability of genomic changes underlying a recent host shift in Melissa blue butterflies. *Molecular Ecology* 27:2651-2666.
66. Sung*, C.-J., K.L. Bell, C.C. Nice, N.H. Martin. 2018. Integrating Bayesian genomic cline analyses and association mapping of morphological and ecological traits to dissect reproductive isolation and introgression in a Louisiana Iris hybrid zone. *Molecular Ecology* 27(4):959-978.
65. Worsham*, M. L. D., E. P. Julius, C. C. Nice, P. H. Diaz, D. G. Huffman. 2017. Geographic Isolation Facilitates the Evolution of Reproductive Isolation and Morphological Divergence. *Ecology and Evolution* 7 (23), 10278-10288 DOI: 10.1002/ece3.3474.
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61. Hulsey, C. D., K. L. Bell*, F. J. Garcia-de-Leon, C. C. Nice, and A. Meyer. 2016. Do relaxed selection and habitat temperature facilitate biased mitogenomic introgression in a narrowly endemic fish? *Ecology and Evolution*: 6(11) 3684-3698. doi: 10.1002/ece3.2121.
60. Espeset*, A. E., J. G. Harrison*, A. M. Shapiro, C. C. Nice, J. H. Thorne, D. P. Waetjen, J. A. Fordyce, M. L. Forister. 2016. Understanding a migratory species in a changing world: climatic effects and demographic declines in the western monarch revealed by four decades of intensive monitoring. *Oecologia* 181:819-830.
59. Fordyce, J. A., C. C. Nice, C. A. Hamm, and M. L. Forister. 2016. Quantifying diet breadth through ordination of host association. *Ecology* 97(4):842-849.
58. Lucas* L. K., Z. Gompert, J. R. Gibson, K. L. Bell*, C. A. Buerkle, and C. C. Nice.

2016. Pervasive gene flow across critical habitat for four narrowly endemic, sympatric taxa. *Freshwater Biology* 61: 933-946.
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56. Jahner*, J. P., M. L. Forister, C. C. Nice, J. A. Fordyce, J. S. Wilson, D. D. Murphy, Z. H. Marion, and A. M. Shapiro. 2015. Regional population differentiation in a morphologically-diverse, elevationally-widespread Nearctic skipper, *Polites sabuleti*. *J. Biogeography* 42:1787-1799.
55. Gompert, Z., J. P. Jahner*, C. F. Scholl*, J. S. Wilson, L. K. Lucas*, V. Soria-Carrasco, J. A. Fordyce, C. C. Nice, C. A. Buerkle, and M. L. Forister. 2015. The evolution of novel host use is not constrained by tradeoffs or a lack of genetic variation. *Molecular Ecology* 24: 2777-2793.
54. Harrison*, J. G., A. M. Shapiro, A. E. Espeset*, C. C. Nice, J. P. Jahner*, and M. L. Forister. 2015. Species with more volatile population dynamics are differentially impacted by weather. *Biology Letters* 11: 20140792. <http://dx.doi.org/10.1098/rsbl.2014.0792>.
53. Gompert, Z. L. K. Lucas*, C. A. Buerkle, M. L. Forister, J. A. Fordyce, C. C. Nice. 2014. Admixture and the organization of genetic diversity in a butterfly species complex revealed through common and rare genetic variants. *Molecular Ecology* 23:4555-4573.
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51. Hamm, C. A., C. A. Handley*, A. Pike, M. L. Forister, J. A. Fordyce, Z. Gompert, and C. C. Nice. 2014. *Wolbachia* infection and Lepidoptera of conservation concern. *J. Insect Science* 14:6. Available online: <http://www.insectscience.org/14.6>.
50. Wilson, J. S., M. Sneck*, D. D. Murphy, C. C. Nice, J. A. Fordyce, and M. L. Forister. 2013. Complex evolutionary history of the pallid dotted-blue butterfly (Lycaenidae: *Euphilotes pallescens* in the Great Basin of North America. *J. Biogeography* 40: 2059-2070.
49. Gompert, Z., L. K. Lucas*, C. C. Nice, and C. A. Buerkle. 2013. Genome divergence and the genetic architecture of barriers to gene flow between *Lycaeides idas* and *L. melissa*. *Evolution* 67: 2498-2514. [Invited Paper: Special Section: Genome Evolution during Speciation]
48. Alberici da Barbiano*, L., A., Z. Gompert, A. S. Aspbury, C. R. Gabor and C. C. Nice. 2013. Population genomics reveals a possible history of backcrossing and recombination in the gynogenetic fish *Poecilia formosa*. *Proceedings of the National Academy of Sciences* 110: 13797-13802.
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45. Nice, C. C., Z. Gompert, J. A. Fordyce, M. L. Forister, L. K. Lucas*, and C. A. Buerkle. 2013. Hybrid speciation and independent evolution in lineages of alpine butterflies. *Evolution* 67:1055-1068.
44. Ethridge*, J. Z., J. R. Gibson, and C. C. Nice. 2013. Cryptic diversity within and among spring-associated *Stygobromus* amphipods (Amphipoda: Crangonyctidae). *Zoological Journal of the Linnean Society* 167: 227-242.
43. Downey*, M. H. and C. C. Nice. 2013. A role for both ecology and isolation as mechanisms of reproductive isolation in specialized butterflies. *Evolutionary Ecology* 27:565-578.
42. DiMarco*, R. D., C. C. Nice, and J. A. Fordyce. 2012. Family matters: effect of host plant variation in chemical and mechanical defenses on a sequestering specialist herbivore. *Oecologia*: 170:687-693.
41. Scholl*, C. F., C. C. Nice, J. A. Fordyce, Z. Gompert, and M. L. Forister. 2012. Larval performance in the context of ecological diversification and speciation in *Lycaeides* butterflies. *International Journal of Ecology* Vol 2012, Article ID 242154, doi:10.1155/2012/242154.
40. Gompert, Z., L. K. Lucas*, C. C. Nice, J. A. Fordyce, M. L. Forister, and C. A. Buerkle. 2012. Genomic regions with a history of divergent selection affect fitness of hybrids between two butterfly species. *Evolution*, 66:2167-2181.
39. Fordyce, J. A., Gompert, Z., Forister, M. L. and C. C. Nice. 2011. A hierarchical Bayesian approach to ecological count data: a flexible tool for ecologists. *PLOS One* 6(11): e26785.
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37. Alberici da Barbiano*, L., A. S. Aspbury, C. C. Nice, and C. R. Gabor. 2011. The impact of social context on male mate preference in a unisexual-bisexual mating complex. *Journal of Fish Biology* 79:194-204.
36. Downey*, M. H. and C. C. Nice. 2011. Experimental evidence of hostrace formation in *Mitoura* butterflies (Lepidoptera: Lycaenidae). *Oikos* 120:1165-1174.
35. Forister, M. L., Z. Gompert, J. A. Fordyce, and C. C. Nice. 2011. After sixty years, an answer to the question: what is the Karner blue butterfly? *Biology Letters* 7:399-402.
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33. Gompert, Z., Lucas, L. K., Fordyce, J. A., Forister, M. L., and C.C. Nice. 2010. Secondary contact between *Lycaeides idas* and *L. melissa* in the Rocky Mountains: extensive introgression and a patchy hybrid zone. *Molecular Ecology* 19:3171-3192.
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22. Lucas*, L., J. A. Fordyce and C. C. Nice. 2008. Patterns of genitalic morphology around suture zones in North American *Lycaeides* (Lepidoptera: Lycaenidae): Implications for taxonomy and historical biogeography. *Annals Entomological Society America* 101:172-180.
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15. Gompert*, Z., C. C. Nice, J. A. Fordyce, M. L. Forister and A. M. Shapiro. 2006. Identifying units for conservation using molecular taxonomy: the cautionary tale of the Karner blue butterfly. *Molecular Ecology* 15: 1759-1768.

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13. Reilly*, S. M., R. W. Manning, C. C. Nice and M. R. J. Forstner. 2005. Systematics of isolated populations of short-tailed shrews (Soricidae: *Blarina*) in Texas. *J. Mammalogy* 86(5):887-894.
12. Nice, C. C., N. Anthony, G. Gelembiuk, D. Raterman and R. French-Constant. 2005. The history and geography of diversification within the butterfly genus *Lycaeides* in North America. *Molecular Ecology* 14:1741-1754.
11. Gabor, C. R. and C. C. Nice. 2004. Genetic variation among populations of eastern newts, *Notophthalmus viridescens* : a preliminary analysis based on allozymes. *Herpetologica* 60(3):373-386.
10. Fordyce, J. A. and C. C. Nice. 2004. Geographic variation in clutch size and a realized benefit of aggregative feeding. *Evolution* 58(2):447-450.
9. Fordyce, J. A. and C. C. Nice. 2003. Contemporary patterns in a historical context: phylogeographic history of the pipevine swallowtail, *Battus philenor*. *Evolution* 57(5):1089-1099.
8. Fordyce, J. A. and C. C. Nice. 2003. Variation in butterfly egg adhesion: adaptation to local host plant senescence characteristics? *Ecology Letters* 6:23-27.
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3. Nice, C. C. and A. M. Shapiro, 2001. Population genetic evidence of restricted gene flow between host races in the butterfly genus *Mitoura* (Lepidoptera Lycaenidae). *Annals Entomological Society America* 94: 257-267.
2. Nice, C. C. and A. M. Shapiro, 1999. Molecular and morphological divergence in the butterfly genus *Lycaeides* (Lepidoptera: Lycaenidae) in North America: evidence of recent speciation. *Journal of Evolutionary Biology* 12:927-935.
1. Nice, C. C. and R. W. VanBuskirk, 1997. The butterflies of Mt. Ashland: surveys along the Siskiyou Crest. p. 146-157. *Proceedings of the First Siskiyou Ecology Conference. The Siskiyou Regional Education Project* (Invited paper).

B. Refereed Journal Articles in Review (* Student Authors)

Nice, C. C., Bell, K. L., Gompert, Z., Lucas, L. K., Ott, J. R., Tovar, R. U., Crump, P., and P. H. Diaz. Extensive admixture among karst-obligate salamanders reveals evidence of recent divergence and gene exchange through aquifers. In Review *Ecology and Evolution*.

Book Chapters

Lucas*, L. K., M. L. Forister, J. A. Fordyce and C. C. Nice. 2016. Mountains of detail: On the trail with Nabokov's blues. pp. 251-259. In: Fine Lines: Vladimir Nabokov's Scientific Art, Blackwell, S. H. and K. Johnson (ed.s). Yale University Press. New Haven and London.

Miscellaneous Publication

Nice, C. C. 2000. Art and science as ways of knowing. Invited essay accompanied art exhibition Flora & Fauna, Wendy Cooper Gallery, Madison, WI

Book Reviews

Nice, C. C. 2024. Insects of North America. By J. C. Abbott and K. Abbott. American Entomologist 70 (1), 62-62.

Nice, C. C. 2016. Butterfly Conservation in North America: Efforts to Help Save Our Charismatic Microfauna. Edited by Jaret C. Daniels. The Quarterly Review of Biology, 91(3):539.

Nice, C. C. 2006. Molecular Ecology. By Joanna R. Freeland. The Quarterly Review of Biology, 81(4):415-416.

Research Support

22. 2023. Nice, C. C. State of Texas Comptroller of Public Accounts. Texas *Eurycea* salamander genomics. \$268,817.
21. 2023. Nice, C. C. US Fish and Wildlife Service. Genetic diversity of wild and refuge Peck's cave amphipod (*Stygobromus pecki*) populations. \$131,711.
20. 2022 Gibson, R, Diaz, P., Nice, C.C., Thompson, C, Bockrath, K. The Meadows Center/ U.S. Fish and Wildlife Service. Texas Hill Country Headwater *Heterelmis* Genetics and Morphology. \$57,250.
19. 2020. Nice, C.C. Texas Parks and Wildlife. Population genetic assessment of central Texas salamanders. \$25,207.
18. 2020 Nice, C. C. Research Enhancement Grant, Texas State University San Marcos. Project Title: Speciation with Gene Flow During Adaptation to a Novel Host. \$7,900.00.
17. 2018. Nice, C.C. Clearwater Underground Water Conservation District. Population genetics of northern *Eurycea*. \$19,611.
16. 2018. Nowlin, W. H., B. F Schwartz and C.C. Nice. Texas Parks and Wildlife, Section 6. Trophic Ecology, Environmental Tolerances, and Population Genetics of the Endangered Comal Springs Dryopid Beetle (*Stygoparnus comalensis*). \$59,942.
15. 2016. Gompert, Z., C. A. Buerkle, M. L. Forister, C. Dodson, C.C. Nice, J. A Fordyce and S. Werner. NSF (5 year grant) Proposal 1638768: Collaborative Research: Dimensions: The evolution of novel interactions within a network of plant, insect and microbial biodiversity. \$1,998,706 (\$204,952 to Texas State University).

14. 2015. Schwartz, B., W. Nowlin and C. C. Nice. Texas Parks and Wildlife, SWiG Grant. Status assessment and ecological characterization for the Texas Troglotic Water Slater, *Lirceolus smithii*. \$190,958
 13. 2014. Schwartz, B. and C. C. Nice. Texas Parks and Wildlife. Molecular and morphological analysis of *Stygobromus sp.* near San Marcos, TX. \$28,829.
 12. 2013 Nice, C. C. USFWS Coop. Grant. Genetic diversity of wild and refugia Barton Springs Salamanders. \$12,500.
 11. 2013 Nice, C. C. USFWS Coop. Grant. Genetic diversity of Comal Springs riffle beetles. \$12,500.
 10. 2012 Nice, C. C. USFWS/ Texas Parks and Wildlife, Section 6 Grant. Genetic demography of endemic and endangered taxa in springs of the Edwards plateau. \$213,319.
 9. 2011 Nice, C.C, C. A. Buerkle, M. L. Forister and J. A. Fordyce. NSF (3 year grant) DEB-1050355. COLLABORATIVE RESEARCH: Genomic outcomes of repeated hybrid speciation. \$1,059,434 (\$541,248 to Texas State University).
 8. 2010 Gabor, C. R., Aspbury, A., C. C. Nice. NSF (3 year grant) DEB-1021873. The maintenance of unisexuality: behavior, hormones, and genetic diversity in a unisexual-bisexual mating complex. \$350,000
 7. 2009 Nice, C. C. Research Enhancement Grant, Texas State University. Project Title: Hybrid Speciation on Mountain Tops: Duplicated Cases of Hybridization in Butterflies of the Genus *Lycaeides*. \$7,980.00.
 6. 2007 Nice, C. C. Texas Parks and Wildlife, SWiG Grant. Title: Genetic isolation of Pecks Cave Amphipod, *Stygobromus peckii*. \$103,022.
 5. 2005 Forstner, M.R.J., C. C. Nice, and D. Hahn. Mar 05-Nov 06. Integrating genomics CE laboratory hardware and fluidics automation within undergraduate and graduate coursework in the Department of Biology, Texas State University-San Marcos. Beckman-Coulter, Inc. \$244,795
 4. 2005 Nice, C. C. Texas Parks and Wildlife, Section 6 Grant. 2005. Title: Genetic Isolation of Comal Springs Riffle Beetle Populations. \$95,076
 3. 2005 Ott, J. and C. C. Nice. Research Enhancement Grant, Texas State University. Project Title: Allochronic Isolation in Gall Wasps. (Co-PI with Dr. J. Ott) \$15,902.00
 2. 2003 Nice, C. C. Research Enhancement Grant, Texas State University. Project Title: Ecological genetics of an adaptive radiation. \$8000.00
 1. 2002 Nice, C. C. Research Enhancement Grant, Texas State University. Project Title: Ecological specialization and the origin of species. \$7980.00
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Teaching and Research Awards

2019 College of Science Dean Nominee for the Presidential Award for Excellence in Scholarly and Creative Activities

2012 College of Science Dean Nominee for the Presidential Award for Excellence in Scholarly and Creative Activities

- 2011 College of Science Dean Nominee for the Presidential Award for Excellence in Scholarly and Creative Activities
- 2009 College of Science Dean Nominee for the Presidential Award for Excellence in Scholarly and Creative Activities
- 2007 College of Science Dean Nominee for the Presidential Award for Excellence in Scholarly and Creative Activities
- 2007 College of Science Dean Nominee for the Presidential Award for Excellence in Teaching
- 2005 Voted 'Best Professor in Biology' by students and alumni, Texas State University
- 2004 Runner up, Presidential Award for Excellence in Teaching, Texas State University
- 1992 Teaching Award for Outstanding Graduate Student, University of California, Davis
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Invited Talks

31. 2022. Texas Parks and Wildlife, Wildlife Diversity Webinar.
30. 2020. University of Maryland, Department of Entomology, College Park, Maryland
29. 2019. Texas Conservation Symposium, Southwestern University, Georgetown, TX (Keynote Address).
28. 2016 Trinity University, Department of Biology, San Antonio, TX
27. 2015 Rice University, Department of Biology, Houston, TX
26. 2015 University of Texas at Arlington, Department of Biology, Arlington, TX
25. 2015 College of Charleston, Department of Biology, Charleston, SC
24. 2014 Texas Tech University, Department of Biological Sciences, Lubbock, TX
23. 2013 University of Tennessee, Knoxville, Dept. of Ecology and Evolutionary Biology, Knoxville, TN
22. 2012 University of Nevada, Reno, Ecology, Evolution and Conservation Biology, Reno, NV
21. 2012 Trinity University, Department of Biology seminar, San Antonio, TX
20. 2011 Michigan State University, Ecology, Evolutionary Biology & Behavior/ Entomology. East Lansing, MI
19. 2010 University of Texas, Austin, Population Biology, Austin, TX
18. 2010 University of Texas, San Antonio, Department of Biology, San Antonio, TX
17. 2009 University of North Texas, Department of Environmental Sciences, Denton, TX
16. 2009 University of New Orleans, Department of Biology, New Orleans, LA
15. 2009 European Society for Evolutionary Biology, 13th Congress, Invited Symposium Speaker - Hybrid Speciation, Torino, Italy
14. 2008 Mississippi State University, Department of Biology, MS State, Mississippi.
13. 2008 Texas A&M University, Department of Entomology, College Station, TX
12. 2007 Trinity University, Department of Biology seminar, San Antonio, TX
11. 2007 University of Tennessee, Dept. of Ecology and Evolutionary Biology, Knoxville, TN

10. 2007 Symposium: Phylogeography and Intraspecific Diversity of Western North American Arthropods. Entomological Society of America, Pacific Branch, Portland, OR
 9. 2006 Rice University, Department of Ecology and Evolutionary Biology seminar, Houston, TX
 8. 2001 San Antonio College, Chemistry Department Seminar, San Antonio, TX
 7. 2000 Western Michigan University, Department of Biology, Kalamazoo, Michigan
 6. 2000 Wisconsin Geological Survey, Madison, Wisconsin
 5. 1999 University of Wisconsin, Madison, Department of Entomology
 4. 1999 Symposium on Insect Color Pattern Evolution, University of Wisconsin, Madison
 3. 1999 Wisconsin Academy of Sciences Meeting, University of Wisconsin, Stevens Point
 2. 1999 Symposium on Speciation in Lepidoptera, Lepidopterists Society Annual Meeting
 1. 1998 University of Wisconsin, Madison, Department of Entomology
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Presented Papers

2019. Society for the Study of Evolution, Providence, RI.
2018. Biology of Butterflies, Bangalore, India. (2 invited symposium presentations)
- 2018 Society for the Study of Evolution, Montpellier, France (3 posters presented).
- 2017 Society for the Study of Evolution, Portland, Oregon (1 paper, 1 poster presented).
- 2016 Society for the Study of Evolution. Austin, Texas (1 paper, 1 poster presented).
- 2014 Society for the Study of Evolution, Raleigh, North Carolina (Poster).
- 2014 Annual Meeting of the Society for Integrative and Comparative Biology, Austin, Texas. (Poster).
- 2013 Annual Meeting of the Entomological Society of America, Austin, Texas (2 invited symposium presentations)
- 2012 Society for the Study of Evolution, Ottawa, Canada (3 papers, 1 poster presented)
- 2012 Society for Integrative and Comparative Biology, Charleston, South Carolina (Oral Presentation)
- 2011 Society for the Study of Evolution, Norman, OK (1 paper presented)
- 2010 6th International Congress on the Biology of Butterflies, Edmonton, Alberta, Canada (Oral Presentation)
- 2010 Society for the Study of Evolution, Portland, OR (3 papers, 1 poster presented)
- 2009 Texas Poeciliid Biologist Conference 2009, San Marcos, TX (Oral Presentation)
- 2009 Entomological Society of America, Indianapolis, IN (Invited Symposium Talk)
- 2009 European Society for Evolutionary Biology, Torino, Italy (Invited Symposium Talk)
- 2009 Society for the Study of Evolution, Moscow, ID (2 papers presented)
- 2008 Entomological Society of America, Reno, NV (Oral Presentation)
- 2008 Society for the Study of Evolution, Minneapolis, MN (2 papers presented)
- 2007 Entomological Society of America, Pacific Branch, Portland, OR (Invited Symposium Talk)

- 2007 5th International Congress on the Biology of Butterflies, Frascati, Italy (Invited Symposium Talk)
- 2006 Society for the Study of Evolution, Stony Brook, NY (Oral Presentation)
- 2006 Genetics of Speciation, American Genetics Association Annual Symposium, Vancouver, Canada.
- 2005 Society for the Study of Evolution, Fairbanks, AK (4 papers presented)
- 2005 Texas Herpetological Society, Austin, TX (Oral Presentation)
- 2004 Southwestern Association of Biologists, Portal, AZ (Oral Presentation)
- 2003 Society for the Study of Evolution, Chico, CA (Poster)
- 2003 Society for the Study of Evolution, Chico, CA (Oral Presentation)
- 2003 Gordon Conference, Plant-Insect Interactions, Ventura, CA (Poster)
- 2000 Society for the Study of Evolution, Madison, WI (Poster)
- 1999 Lepidopterists' Society, Alta Vista, AZ (Invited Symposium Talk)
- 1997 Ecological Society of America, Providence, RI
- 1987 Minnesota Academy of Science, St. Paul, MN
- 1987 National Conference on Undergraduate Research, Asheville, NC
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Graduate Students Supervised

18. Robinson Sudan. Ph.D. expected 2026.
17. Lucas Pustka. Thesis Title: Relative contributions of ecological and spatial factors to genetic variation among hyporheic populations of *Lirceolus* across central and southwest Texas. M.S. 2023.
16. Alex Guzman. Thesis Title: Quantification of endocrine disrupting chemicals in central Texas rivers and associations with genomic variation in Red Shiners. M.S. 2022.
15. Miguel Aquilar M.S. Spring 2019 (non-thesis).
14. Amara Garza Thesis Title: Exploring trade-offs in alternative life history strategies. M.S. 2018.
13. Kate Bell. Dissertation Title: The Genomics of Speciation. Ph.D. 2018.
12. Sarah Bialik. Thesis Title: Examining genetic variation and reproductive isolation in the Pallid Dotted-Bue butterfly (*Euphilotes pallescens*) within the Great Basin. M.S. 2017.
11. Desirae Weyland. Thesis Title: Phylogeography and diversification of the Greenish Blue Butterfly (*Plebejus saepiolus*) in western North America. M.S. 2013.
10. Kate Bell Thesis Title: Allochrony as a mechanism of sympatric divergence: a test using high resolution genetic analysis. M.S. Spring 2012.
9. Joshua Ethridge. Thesis Title: Conservation genetics of karst amphipods of the genus *Stygobromus*, including the federally endangered Pecks cave amphipod (*S. peckii*). M.S. Fall 2012.
8. Laura Alberici Da Barbiano. Dissertation Title: The origins and maintenance of unisexual sperm parasites. (Co-advised with Dr. C. Gabor) Ph.D. Spring 2012.

7. Michelle Downey. Thesis Title: Experimental and Population Genetic Evidence of Host Race Formation in a Specialist Lycaenid. M.S. Fall 2010.
 6. Tina Gonzales. Thesis Title: The history and geography of diversification in the riffle beetle genus *Heterelmis*, including the federally endangered Comal springs riffle beetle (*H. comalensis*). M.S. Fall 2008.
 5. Clay Williams. Thesis Title: An assessment of assortative mating and sexual size dimorphism in two tiger beetle species. M.S. Spring 2008.
 4. Lauren Lucas. Thesis Title: Population Genetics of the Threatened San Marcos Salamander and Related Species. M.S. Fall 2006.
 3. Zachariah Gompert. Thesis Title: Speciation and Phylogeography of the *Lycaeides* species Complex. M.S. Fall 2006.
 2. Maurine Spencer. Thesis Title: Systematics and Phylogeography of the *Plebuju*s Species Complex in North America (Lepidoptera: Lycaenidae). M.S. Spring 2005.
 1. Dijar J. Lutz-Carillo. Thesis Title: Evaluation of Microsatellite Loci in Largemouth Bass, *Micropterus salmoides*: Population Structure and Resolution. (Co-advised with Dr. T. Bonner). M.S. Spring 2004.
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Professional Service

Professional Memberships: Society for the Study of Evolution, Ecological Society of America, The Entomological Society of America, The Lepidopterists' Society

Associate Editor: *Evolution* (class of 2008). **Academic Editor:** *PLOS one* 2019-present.

Journal Reviewer for: *Aquatic Microbial Ecology, Biological Conservation, Biological Journal of the Linnean Society, BMC Genetics, BMC Evolutionary Biology, Bulletin of Entomological Research, Diversity and Distribution, Ecography, Ecological Entomology, Ecology Letters, Entomology Bulletin, Entomological Science, European Journal of Entomology, Evolution, Insect Conservation and Diversity, Insects, Journal of Insect Behavior, Journal of the Lepidopterists' Society, Journal of Mammology, Lakes and Reservoirs, Molecular Ecology, Naturwissenschaften, North American Journal of Fisheries Management, Pan-Pacific Entomologist, PLoS One, Proceedings of the National Academy of Sciences, Proceedings of the Royal Society B, Science, Species Diversity, Texas Journal of Science, Zoological Science*