Texas State University Vita

I. Academic/Professional Background

A. Name: Christopher C. Nice **Title: Professor of Biology**
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B. Educational Background

Degree	Year	University	Major	Thesis/Dissertation
Ph.D.	1998	University of California, Davis	Ecology	Morphological and molecular evolution and biogeography of butterflies: three case studies from western North America
B.Sc.	1989	University of Minnesota, Twin Cities	Biology (Honors)	Genetic variation in California Condors

C. University Experience

Position	University	Dates
Professor	Texas State University, San Marcos	2013-present
Associate Professor	Texas State University, San Marcos	2007-2013
Assistant Professor	Texas State University, San Marcos	2001-2007
Postdoctoral Fellow/Lecturer	University of Wisconsin, Madison	1998-2001
Teaching Assistant	University of California, Davis	1990-1998

D. Relevant Professional Experience

Position	Entity	Dates
Field research Assistant	University of Minnesota, Twin Cities	1988-1990
Lab Technician	University of Minnesota, Twin Cities	1985-1987

II. Scholarly/Creative Activities

A. Refereed Journal Articles (* Student Authors)

95. Bialik*, S. B., J. S. Wilson, M. Sneck, D. D. Murphy, J. A. Fordyce, K. L. Bell, M. L. Forister, C. C. Nice. 2026. Impacts of Quaternary climate history on the biogeography of specialized butterflies in the Great Basin of North America. *Journal of Biogeography* 53 (8), e70325.

94. Halsch, C. A., C. C. Nice, K. L. Bell, J. A. Fordyce, M. L. Forister, G. Garcia-Costoya, A. M. Shapiro and E. M. Grames. 2026. Allochronic isolation between sympatric populations of an alpine butterfly. *Evolution*: in press.

93. Jahner, J. P, M. L. Forister, T. L. Parchman, S. M. Burdo, S. E. McFarlane, C. A. Buerkle, C. C. Nice, J. A. Fordyce, A. M. Shapiro. Temporal dynamics of color polymorphism and hybridization in *Colias* butterflies. *Evolution*: in press. (bioRxiv: `https://www.biorxiv.org/content/10.1101/2025.05.25.656022v2.abstract`)
92. Coleman*, W. T., K. L. Bell, R. Gibson, B. Schwartz, W. Nowlin, C. C. Nice. 2025. Evolutionary Isolation and Ecological Stasis in the Endangered Comal Springs Dryopid Beetle (*Stygoparnus comalensis*). *Aquatic Conservation: Marine and Freshwater Ecosystems*: 35:e70275 (`https://doi.org/10.1002/aqc.70275`).
91. Nice, C. C., K. L. Bell, Z. Gompert, L. K. Lucas, J. R. Ott, R. Tovar, P. Crump and P. H. Diaz. 2025. Extensive admixture among karst-obligate salamanders reveals evidence of recent divergence and gene exchange through aquifers. *Ecology & Evolution* 15:e70785 (`https://doi.org/10.1002/ece3.70785`).
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..
87. Gompert, Z., T. Saley, C. Philbin, A. Y. Su'ad, E. Perry, M. E. Sneck, J. G. Harrison, C. A. Buerkle, J. A. Fordyce, C. C. Nice, C. Dodson, S. L. Lebeis, L. K. Lucas, M. L. Forister. 2022. Additive genetic effects in interacting species jointly determine the outcome of caterpillar herbivory. *Proceedings of the National Academy of Science* 119 (36), e2206052119.
86. Zalmat*, A. S., V. A. Sotola, C. C. Nice, N. H. Martin. 2021. Genetic structure in Louisiana Iris species reveals patterns of recent and historical admixture. *American J. Botany* 108:2257–2268.
85. Zerebecki, R. A., E. E. Sotka, Torrance C. Hanley, K. L. Bell*, Catherine Gehring, C. C. Nice, C. L. Richards, and A. R. Hughes. 2021. Repeated genetic and adaptive phenotypic divergence across tidal elevation in a foundation plant species. *American Naturalist* 198(5) (2021): E152-E169.
84. Nice, C.C., J. A. Fordyce, V. A. Sotola, J. Crow, P. H. Diaz, 2021. Geographic patterns of genomic variation in the threatened Salado salamander, *Eurycea chisholmensis*. *Conservation Genetics* 22:811-821.
83. Flanagan, B. A., S. A. Krueger-Hadfield, C. J. Murren, C. C. Nice, A. E. Strand and E. E. Sotka. 2021. Founder effects shape linkage disequilibrium and genomic diversity of a clonal invader. *Molecular Ecology* 30:1962-1978
82. Forister, M. L., C. A. Halsch , C. C. Nice, J. A. Fordyce, T. E. Dilts, J. C. Oliver, K. L. Prudic, A. M. Shapiro, J. K. Wilson, and J. Glassberg, 2021. Fewer butterflies seen by community scientists across the warming and drying landscapes of the American West. *Science* 371:1042-1045.
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.
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78. Forister, M. L., C. S. Philbin, Z. H. Marion, C. A. Buerkle, C. D. Dodson, J. A. Fordyce, G. W. Forister, S. L. Lebeis, L. K. Lucas, C. C. Nice, Z. Gompert. 2020. Predicting patch occupancy reveals the complexity of host range expansion. *Science Advances* 6(48):eabc6852.
77. Chaturvedi, S., L. K. Lucas, C. A. Buerkle, J. A Fordyce, M. L. Forister, C. C. Nice, Z. Gompert. 2020. Recent hybrids recapitulate ancient hybrid outcomes. *Nature Communications* 11(1):1-15.
76. Forister, M. L., S. A. Yoon, C. S. Philbin, C. D. Dodson, B. Hart, J. G. Harrison, O. Shelef, J. A. Fordyce, Z. H. Marion, C. C. Nice, L. A. Richards, C. A. Buerkle, Z. Gompert. 2020. Caterpillars on a phytochemical landscape: The case of alfalfa and the Melissa blue butterfly. *Ecology and Evolution* 10(10): 4362-4374.
75. Driscoe*, A.L., C.C. Nice, R.W. Busbee, G.R. Hood, S.P. Egan, and J.R. Ott. 2019. Host plant associations and geography interact to shape diversification in a specialist insect herbivore. *Molecular Ecology* 28(18): 4197-4211.
74. Nice, C.C., M.L. Forister, J.G. Harrison, Z. Gompert, J.A. Fordyce, J.H. Thorne, D.P. Waetjen, and A. M. Shapiro. 2019. Extreme heterogeneity of population response to climatic variation and the limits of prediction. *Global Change Biology* 25:2127-2136.
73. Bell*, K. L., C. C. Nice, C. D. Hulsey. 2019. Population genomic evidence reveals subtle patterns of differentiation in the trophically polymorphic Cuatro Cienegas cichlid, *Herichthys minckleyi*. *Journal of Heredity* 2019: 361-369.
72. Nuckles*, R. J., C. C. Nice, D. M. Garcia. 2019. Duplicated myosin V genes in teleosts show evolutionary rate variations among the motor and cargo binding domains. *Genome Biology and Evolution* 11(2): 415-430.
71. Sotola*, V. A., D. Ruppel, T. Bonner, C. C. Nice and N. Martin. 2019. Asymmetric introgression between fishes in the Red River basin of Texas is associated with variation in water quality. *Ecology and Evolution* 2019:2083-2095.
70. Nice, C. C., J. A. Fordyce, K. L. Bell*, M. L. Forister, Z. Gompert, and P. J. DeVries. 2019. Vertical differentiation in tropical forest butterflies: a novel mechanism generating insect diversity? *Biology Letters* 15(1): https://doi.org/10.1098/rsbl.2018.0723.
69. Forister, M. L., Fordyce, J. A., Nice, C. C., Thorne, J. H., Waetjen, D. P. and A. M. Shapiro. 2018. Impacts of a millennium drought on butterfly faunal dynamics. *Climate Change Responses* 5:3 https://doi.org/10.1186/s40665-018-0039-x
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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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62. Glassmire*, A. E., C. S. Jeffrey, M. L. Forister, T. L. Parchman, C. C. Nice, J. P. Jahner, J. S. Wilson, T. R. Walla, L. A. Richards, A. M. Smilanich, M. D. Leonard, C. R. Morrison, Wi. Simbana, L.A. Salagaje, C. C. Dodson, J. S. Miller, E. J. Tepe, S. Villamarin-Cortez and L. A. Dyer. 2016. Intraspecific phytochemical variation shapes community and population structure for specialist caterpillars. *New Phytologist* 212:208-219.
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.
57. Harrison*, J. G., Z. Gompert, J. A. Fordyce, C. A. Buerkle, R. Grinstead, J. P. Jahner, S. Mikel, C. C. Nice, A. Santamaria, and M. L. Forister. 2016. The many dimensions of diet breadth: phytochemical, genetic, behavioral, and physiological perspectives on the interaction between a native herbivore and an exotic host. *PLoS One* 11(2): e0147971. doi:10.1371/journal.pone.0147971.
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.

52. Nice, C. C., M. L. Forister, Z. Gompert, J. A. Fordyce, and A. M. Shapiro. 2014. A hierarchical perspective on the diversity of butterfly species' responses to weather in the Sierra Nevada mountains. *Ecology* 95(8): 2155-2168.

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.

47. Gompert, Z. L. K. Lucas*, C. C. Nice, J. A. Fordyce, C. A. Buerkle, M. L. Forister. 2013. Geographically variable, multifarious phenotypic divergence during the speciation process. *Ecology and Evolution* 3:595-613.

46. Forister, M. L., C. F. Scholl*, J. P. Jahner*, J. S. Wilson, J. A. Fordyce, Z. Gompert, D. Narala, C. A. Buerkle, and C. C. Nice. 2013. Specificity, rank preference and the colonization of a non-native host plant by the Melissa blue butterfly. *Oecologia* 172:177-188.

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 geography 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.
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38. Gabor, C. R., A. S. Aspbury, J. Ma*, and C. C. Nice. 2011. The role of androgens in sperm production and species recognition in Atlantic mollies (*Peocilia mexicana*). *Physiology and Behavior* 105:885-892.
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.
34. Forister, M. L, Z. Gompert, C. C. Nice, G. W. Forister, and J. A. Fordyce. 2010. Ant association facilitates the evolution of diet breath in a lycaenid butterfly. *Proc. Royal Soc. B.* 228: 1539-1547.
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.
32. Gompert, Z., M.L. Forister, J. A. Fordyce, C. C. Nice, R. Williamson, and C. A. Buerkle. 2010. Bayesian analysis of molecular variance in pyrosequences quantifies population genetic structure across the genome in *Lycaeides* butterflies. *Molecular Ecology* 19:2455-2473.
31. Fordyce, J. A., R. D. DiMarco*, B. A. Blankenship, C. C. Nice. 2010. Host plant trichomes and the advantage of being big: progeny size variation of the pipevine swallowtail. *Ecological Entomology* 35:104-107.
30. Nice, C. C., Z. Gompert, M. L. Forister, and J. A. Fordyce. 2009. An unseen foe in arthropod conservation efforts: The case of *Wolbachia* infections in the Karner blue butterfly. *Biological Conservation* 142:3137-3146.
29. Lucas*, L. K., J. N. Fries, C. R. Gabor and C. C. Nice. 2009. Genetic variation and structure in *Eurycea nana*, a federally threatened salamander endemic to the San Marcos springs. *Journal of Herpetology* 43(2):220-227.
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27. Forister, M. L., C. C. Nice, J. A. Fordyce, and Z. Gompert. 2009. Host range evolution is not driven by the optimization of larval performance: the case of *Lycaeides melissa* (Lepidoptera: Lycaenidae) and the colonization of alfalfa. *Oecologia* 160:551-561.
26. Gompert, Z., M.L. Forister, J.A. Fordyce and C.C. Nice. 2008. Widespread mito-nuclear discordance with evidence for introgressive hybridization and selective sweeps in *Lycaeides*. *Molecular Ecology*17:5231-5244.
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Phylogenetics and Evolution 48:481-490.

24. Fordyce, J. A., M. L. Forister, C. C. Nice, J. M. Burns, and A. M. Shapiro. 2008. Patterns of genetic variation between the checkered skippers *Pyrgus communis / P. albescens* (Lepidoptera: Hesperiidae). *Annals Entomological Society America* 101(4): 794-800.
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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.
21. Forister, M L., C. C. Nice, J. A. Fordyce, Z. Gompert* and A. M. Shapiro. 2008. Considering evolutionary processes in the use of single-locus genetic data for conservation, with examples from the Lepidoptera. *Journal of Insect Conservation* 12:37-51.
20. Gompert*, Z, J. A. Fordyce, M. L. Forister, A. M. Shapiro and C. C. Nice. 2006. Homoploid hybrid speciation in an extreme habitat. *Science* 314:1923-1925.
19. Crutsinger*, G. M., M. D. Collins, J. A. Fordyce, Z. Gompert*, C. C. Nice, and N. J. Sanders. 2006. Plant genotypic diversity predicts community structure and governs an ecosystem process. *Science* 313:966-968.
18. Forister, M L., J. A. Fordyce, C. C. Nice, Z. Gompert* and A. M. Shapiro. 2006. Egg morphology varies among populations and habitats along a suture zone in the *Lycaeides idas-melissa* species complex (Lepidoptera: Lycaenidae). *Annals Entomological Society America* 99(5): 933-937.
17. Fordyce, J. A., C. C. Nice and A. M. Shapiro. 2006. A novel trade-off of insect diapause involving a sequestered chemical defense. *Oecologia* 149:101-106.
16. Lutz-Carillo*, D. J., C. C. Nice, T. H. Bonner, M. R. J. Forstner and L. Fries. 2006. Admixture analysis of Florida Bass and Largemouth Bass using microsatellite loci. *Transactions of the American Fisheries Society* 135: 779-791.
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.
14. Nice, C. C. and J. A. Fordyce. 2006. How caterpillars avoid overheating: behavioral and phenotypic plasticity of pipevine swallowtail larvae. *Oecologia* 146:541-548.
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. ffrench-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.
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logeographic 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.
7. Nice, C. C., J. A. Fordyce, A. M. Shapiro, and R. ffrench-Constant. 2002. Lack of evidence for reproductive isolation among ecologically specialized lycaenid butterflies. *Ecological Entomology* 27:702-712.
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5. Anthony, N., G. Gelembiuk, D. Raterman, C. Nice, and R. ffrench-Constant, 2001. Isolation and characterization of microsatellite markers from the endangered Karner blue butterfly *Lycaeides melissa samuelis* (Lepidoptera). *Hereditas* 134(3): 271-273.
4. Nice, C. C. and A. M. Shapiro, 2001. Patterns of morphological, biochemical and molecular evolution in the *Oeneis chryxus* complex (Lepidoptera: Satyridae): a test of historical biogeographical hypotheses. *Molecular Phylogenetics and Evolution* 20: 111-123.
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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)

Fordyce, J. A., Z. H. Marion, Z. Gompert, L. K. Lucas, C. C. Nice. K. L. Bell, G. W . Forister, M. L. Forister. Dominance homogenizes and rarity differentiates arthropod communities across scales. *Ecology*: in review.

Reis, G. A., M. L. Forister, L. K. Lucas, A. M. Shapiro, J. A. Fordyce, C. C. Nice, Z. Gompert. Genomic offset is not predictive of recent demographic trends in Lycaeides butterflies. *Molecular Ecology*: in review. (bioRxiv: `https://www.biorxiv.org/content/10.64898/2026.06.21.733565v1.abstract`

Gompert, Z., L. K. Lucas, A. Donley, M. L. Foriser, J. A. Fordyce and C. C. Nice. Admixture in a butterfly species complex creates a genomic mosaic of ancestry with distinct histories for different chromosomes. *Evolution Letters*: in review. (bioRxiv: `https://www.biorxiv.org/content/10.1101/2025.11.28.691233v1.abstract`

C. 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.

D. Publication Recognition

Buckley, S. J. Digest: between yellow and orange: genomics of hybridization in *Colias* butterflies. *Evolution* qpag099. (https://doi.org/10.1093/evolut/qpag099). Perspective on Jahner et al. 2026 (ref. 93 above).

Linnen, C. R. 2018. Perspective: Predicting Evolutionary predictability. *Molecular Ecology* 27:2647-2650. Perspective on Chaturvedi et al. 2018 (ref. 67 above).

Chaturvedi et al. 2018 (ref. 67 above) won the Harry Smith 2019 prize from *Molecular Ecology* for significant paper by early career scientist. See: https://onlinelibrary.wiley.com/page/journal/homepage/1365294x/harrysmith.

Kessler, A. 2016. Commentary: The Geographic mosaic of plant chemistry and its effect on community and population genetic diversity. *New Phytologist* 212:8-10. (Commentary on Glassmire, A. et al. 2016 (ref. 62 above)).

Nadeau, N. 2014. Perspective: Butterfly genomics sheds light on the process of hybrid speciation. *Molecular Ecology* 23:4441-4443. (Perspective on: Gompert, Z. et al. 2014 (ref. 53 above)).

Zimmer, C. 2011. New York Times: Science Times: A truth of butterfly evolution that it took a novelist to reveal. New York Times, February 1, 2011. (Article featured Forsiter et al. 2011 (ref. 35 above).)

Holsinger, K. 2010. Perspective: Next generation population genetics and phylogeography. Molecular Ecology 19: 2361-2363. (Perspective on: Gompert, Z. et al. 2010 (ref. 32 above)).

Hoglund, J. 2009. *Evolutionary Conservation Genetics*, Oxford University Press. The Gompert et al. 2006a paper (ref. 15 above) is featured in this textbook in a chapter on diagnosing units of conservation (see p. 147).

Faculty of 1000 2006. Recognized Crutsinger et al. 2006 (ref. 19 above) as a major advance: Faculty of 1000 Biology: evaluations for Crutsinger GM et al Science 2006 Aug 18 313 (5789) :966-8 http://www.f1000biology.com/article/id/1040269/evaluation

Derr, M. 2006. New York Times: Science Times: Scientists may have found those Nabokov Baby Blues. New York Times, December 19, 2006. (Article on Gompert et al. 2006b, ref. 20 above.)

Milius, S. 2006. New Butterfly: High-alpine species from low-life parents. Science News, December 2, 2006. (Article on Gompert et al. 2006b, ref. 20 above.)

Khamsi, R. 2006. When two butterflies become one new one. New Scientist, December 1, 2006. (Article on Gompert et al. 2006b, ref. 20 above.)

Gillman, V. 2006. Hybrid butterflies found on cold mountaintops. National Geographic News, November 30, 2006. (Article on Gompert et al. 2006b, ref. 20 above.)

Hickey, H. 2006. Butterflies poke holes in DNA barcodes. NEWS@NATURE 27 Feburary 2006. Doi: 10.1038/news060227-1. (Article on Gompert et al. 2006a, ref. 15 above.)

Lowe, A., S. Harris, and P. Ashton. 2004. *Ecological Genetics: Design, Analysis, and Application*. Blackwell Science Ltd, Malden, MA. Nice and Shapiro 2001a (ref. 3 above) is prominently featured in a chapter on case studies of how molecular markers are used to test ecological genetics hypotheses (see pages 249-252).

Science 2002. Editor's Choice: Butterfly Mate Recognition. Science 298: 497. (Article on Fordyce et al. 2002, ref. 6 above.)

E. 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

F. 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.

G. Papers Presented at Professional Meetings (* Student Authors)

84. 2025. Bell, K. L., B. Schwartz, R. Gibson, K. Bockrath, C. C. Nice. Conservation Genetics of *Stygobromus* in Texas. Texas Groundwater Invertebrate Forum, San Antonio, TX (Oral Presentation).

83. 2022 Bell, K. L., Buerkle, C. A., Chaturvedi, S., Fordyce, J. A., Forister, M. L., Gompert, Z., Lucas, L. K., and C. C. Nice. Genomics of the Endangered Karner Blue Butterfly. North American Congress for Conservation Biology, Reno, NV. (Virtual Oral Presentation)

82. 2022 Coleman*, W.T., B.F. Schwartz, C.C. Nice, (2022, October). Population genetics and trophic ecology of the endangered Comal Springs Dryopid Beetle (*Stygoparnus comalensis*). Oral presentation (virtual) at Texas Groundwater Invertebrate Forum Annual Meeting.

81. 2022 Coleman*, W.T., B.F. Schwartz, C.C. Nice, (2022, August). Population genetics and trophic ecology of the endangered Comal Springs Dryopid Beetle (*Stygoparnus comalensis*). Poster presentation at Ecological Society of America Annual Meeting, Montreal, QC.

80. 2022 Coleman*, W.T., B.F. Schwartz, C.C. Nice, (2022, April). Population genetics of the endangered Comal Springs Dryopid Beetle (*Stygoparnus comalensis*). Oral presentation (virtual) at Southwestern Association of Naturalists Annual Meeting.

79. 2022 Coleman*, W.T., B.F. Schwartz, C.C. Nice, (2022, February). Population genetics of the endangered Comal Springs Dryopid Beetle (*Stygoparnus comalensis*). Oral presentation at 28th Annual Biology Student Colloquium, Texas State University, San Marcos, TX. Runner Up: Best Presentation by PhD student.

78. 2021 Coleman*, W.T., B.F. Schwartz, C.C. Nice, (2021, October). Genetic diversity of the endangered Comal Springs Riffle Beetle (*Heterelmis comalensis*). Poster Presentation (virtual) at Texas Groundwater Invertebrate Forum Annual Meeting.

77. 2021 Coleman*, W.T., B.F. Schwartz, C.C. Nice, (2021, April). Patterns of population structure in a genus of ecologically diverse riffle beetles. Poster Presentation (virtual) at Southwestern Association of Naturalists Annual Meeting. Wilks Award Finalist

76. 2021 Coleman*, W.T, C.C. Nice, B.F. Schwartz, (2019, November). Population Genetics of the Comal Springs Riffle Beetle. Poster Presentation (virtual) at 2nd Texas Groundwater Invertebrate Forum, San Marcos, TX.

75. 2021 Coleman*, W.T., B.F. Schwartz, C.C. Nice, (2020, August). Patterns of population structure in a genus of ecologically diverse riffle beetles. Poster Presentation (virtual) at Ecological Society of America Annual Meeting.
74. 2019 Coleman*, W.T, C.C. Nice, B.F. Schwartz, (2019, November). Ecology, morphology, and genetic diversity in *Lirceolus* isopods. Poster Presentation at 1st Texas Groundwater Invertebrate Forum, San Marcos, TX.
73. 2019 Coleman, W.T., (2019, August). Ecology and Genetic Diversity of the Texas Troglobitic Water Slater (*Lirceolus smithii*). Invited Biologist Talk at the San Marcos Aquatic Resources Center, U.S. Fish and Wildlife Service, San Marcos, TX.
72. 2019. Coleman*, W., B. Schwartz, R. Gibson and C. C. Nice. Patterns of genetic diversity in a genus of ecologically diverse riffle beetles. Society for the Study of Evolution, Providence, RI.
71. 2018. Fordyce, J.A., M. L. Forister, C. C. Nice, Z. Gompert, J. G. Harrison, J. H. Thorne, D. P. Waetjen and A. M. Shapiro. Butterflies and climate: regional declines, local responses, and increasing unpredictability. Biology of Butterflies, Bangalore, India.
70. 2018. Forister, M. L., C. A. Buerkle, C. D. Dodson, S. Chaturvedi, J. A. Fordyce, Z. Gompert, S. Lebeis, L. Lucas, Z. Marion, K. Moccia, C. C. Nice and C. Philbin. Understanding persistence on a novel host in the context of phytochemistry, microbes and arthropod communities. Biology of Butterflies. Biology of Butterflies, Bangalore, India.
69. 2018. Coleman, W., C.C. Nice and B. Schwartz. Genetic diversity and population structure in a genus of subterranean freshwater isopods in the Edwards Aquifer, Texas, United States. Society for the Study of Evolution, Montpellier, France (Poster Presentation).
68. 2018. Garza*, A. L. and C. C. Nice. Exploring the fitness consequences of alternative life history strategies in two congeneric butterfly species. Society for the Study of Evolution, Montpellier, France (Poster Presentation).
67. 2018. Bell*, K.L., Chaturvedi, S., Gompert, Z., Lucas, L. K., Buerkle, C. A., Fordyce, J. A., Forister, M.L., and C.C. Nice. How much of genomic differentiation is repeatable?: A continenet- and genome-wide comparison of patterns. Society for the Study of Evolution, Montpellier, France (Poster Presentation).
66. 2018 Coleman*, W.T., C.C. Nice, B.F. Schwartz, (2018, August). Ecology, morphology, and genetic diversity in a genus of subterranean freshwater isopods(Isopoda: Asellidae: Lirceolus) in the Edwards Aquifer, Texas, USA. Poster Presentation at Ecological Society of America Annual Meeting, New Orleans, LA.
65. 2018 Coleman*, W.T., C.C. Nice, B.F. Schwartz, (2018, April). Ecology, morphology, and genetic diversity in a genus of subterranean freshwater isopods(Isopoda: Asellidae: Lirceolus) in the Edwards Aquifer, Texas, USA. Oral presentation at 65th Annual Meeting of the Southwestern Association of Naturalists, San Marcos, TX.
64. 2017 Coleman*, W.T., C.C. Nice, B.F. Schwartz, (2017, June). Cryptic, sympatric diversity uncovered in Lirceolus isopods at a stygobiont hot-spot, Edwards Aquifer, Texas. Oral presentation at Society for Freshwater Science Conference, Raleigh, NC.
63. 2017 Lucas, L. K., Z. Gompert, C. C. Nice. Genetic constraints on wing pattern variation in *Lycaeides* butterflies. Society for the Study of Evolution. Portland, Oregon.
62. 2016 Coleman*, W.T., B.T. Hutchins, B.F. Schwartz, (2016, June). Dynamics of detectability: insights from high-frequency sampling at a stygobiont hot-spot, Edwards Aquifer, Texas. Poster presentation at 23rd International Conference on Subterranean Biology, Fayetteville, AR

61. 2016 Bell, K. L., Shah, P., DiMarco, R. D., Nice, C. C., and J. A. Fordyce. Exploration of the evolutionary landscape of chemical sequestration using a model system. EEB, University of Texas, Austin. (Invited Seminar)
60. 2016 Gompert, Z., C.C. Nice, C.A. Buerkle, M.L. Forister, L.K. Lucas, and J.A. Fordyce. Idiosyncratic and repeatable aspects of hybrid speciation in alpine butterflies. Society for the Study of Evolution. Austin, Texas.
59. 2016 Bell*, K. L., C. C. Nice, F. J. Garcia-de-Leon, and C. D. Hulsey. Patterns of genomic differentiation in the Cuatro Cienegas Cichlid, *Hericthys minckleyi*. Society for the Study of Evolution. Austin, Texas (Poster Presentation).
58. 2014 Bell*, K. L., C. C. Nice, and C. D. Hulsey. Population genomics of a trophically polymorphic Cuatro Cienegas Cichlid, *Hericthys minckleyi*. Society for the Study of Evolution. Raleigh, North Carolina (Poster Presentation).
57. 2014 Bell*, K. L., C. C. Nice, and C. D. Hulsey. Population genomics of a trophically polymorphic Cuatro Cienegas cichlid, *Hericthys minckleyi*. Annual Meeting of the Society for Integrative and Comparative Biology, Austin, Texas. (Poster).
56. 2013 Nice, C. C., C. A. Buerkle, J. A. Fordyce, M. L. Forister, Z. Gompert, and L. K. Lucas*. Repeated hybrid speciation and the evolution of butterfly-host interactions. Invited Symposium Talk: SysEB Section Symposium: Guy Bush and Santa Rosalia: Speciation with gene flow and the extraordinary diversity of insects. Annual Meeting of the Entomological Society of America, Austin, Texas (Oral Presentation).
55. 2013 Forister, M. L., J. A. Fordyce, C. A. Buerkle, C. C. Nice, Z. Gomert, and L. K. Lucas*. What should ecologists be asking about native insects and non-native hosts? Invited Symposium Talk: P-IE Section Symposium: Exchange of insects between native and non-native plants: novel food webs, invasions, and biocontrol. Annual Meeting of the Entomological Society of America, Austin, Texas (Oral Presentation).
54. 2013 Bell*, K., C. C. Nice, C. D. Hulsey. Population genomics of a trophically polymorphic Cuatro Cienegas cichlid, *Hericthys minkleyi*. Society for the Study of Evolution. Snowbird, Utah (Poster Presentation).
53. 2013 Jahner*, J., M. Forister, C. C. Nice, J. A. Fordyce, J. Wilson, D. Murphy, Z. Marion, A. Shapiro. Elevational differentiation in a widespread Nearctic skipper, *Polites sabuleti*. Society for the Study of Evolution. Snowbird, Utah (Oral Presentation).
52. 2012 Bell*, K., Z. Gompert, A. M. Shapiro, C. C. Nice. Linking genomic differentiation in the pine white butterfly (*Neophasia menapia*) to temporal isolation. Society for the Study of Evolution, Ottawa, Canada (Poster Presentation).
51. 2012 Lucas*, L. K., Z. Gompert, C. A. Buerkle, C. C. Nice. Population genomics of three endemic and endangered animal taxa in a large freshwater spring complex. Society for the Study of Evolution, Ottawa, Canada (Oral Presentation).
50. 2012 Alberici Da Barbiano*, L., Z. Gompert, A. Buerkle, A. Aspbury, and C. Gabor, C. C. Nice. Phylogeography of a unisexual-bisexual mating complex: a population genomics approach. Society for the Study of Evolution, Ottawa, Canada (Oral Presentation).
49. 2012 Gompert, Z., L. K. Lucas*, C.C. Nice, M. L. Forister,J. A. Fordyce, C. A. Buerkle. Genome-wide genetic differentiation, introgression, and the genetic architecture of isolation in *Lycaeides* butterflies. SEE Symposium: Genome Evolution and Speciation. Society for the Study of Evolution, Ottawa, Canada (Oral Presentation).
48. 2012 Alberici Da Barbiano*, L., Z. Gompert, A. Buerkle, A. Aspbury, and C. Gabor, C.

C. Nice. Phylogeography of a unisexual-bisexual mating complex: a population genomics approach. 2012 Texas Poeciliid Conference (Oral Presentation).

47. 2012 Gabor, C. R., A. Aspbury, and C. C. Nice. The role of androgens in species recognition and sperm production in Atlantic mollies (*Poecilia mexicana*). 2012 Texas Poeciliid Conference (Oral Presentation).
46. 2012 Fordyce, J. A., C. C. Nice, R. DiMarco*. Ontogenetic and sex specific variation in chemical sequestration by a toxic herbivore. 2012 Annual Meeting of the Society for Integrative and Comparative Biology, Charleston, South Carolina (Oral Presentation).
45. 2011 Forister, M. L., Z. Gompert, C. C. Nice, J. A. Fordyce. Old friends and new hosts: mutualists and the complexity of diet breadth in herbivorous insects. Society for the Study of Evolution, Norman, OK (Oral Presentation).
44. 2010 Nice, C.C., Z. Gompert, M. Forister, J. A. Fordyce, and C. A. Buerkle. Repeated hybrid speciation in mountaintop butterflies. 6th International Conference on the Biology of Butterflies. University of Alberta, Edmonton, Canada (Oral Presentation).
43. 2010 Alberici Da Barbiano*, L., C. Gabor, A. Aspbury, Z. Gompert, C. C. Nice. Metapopulation dynamics and sperm storage: a simulation model to explain the maintenance of *Poecilia formosa*. Women in Science and Engineering Conference, Texas State University, San Marcos, TX.
42. 2010 Scholl*, C., C. C. Nice and M. Forister. What role do larval adaptations to host plants play in the diversification of *Lycaeides* butterflies? Society for the Study of Evolution, Portland, OR (Poster Presentation).
41. 2010 Nice, C.C., Z. Gompert, M. Forister, J. A. Fordyce, and C. A. Buerkle. Repeated hybrid speciation in mountaintop butterflies. Society for the Study of Evolution, Portland, OR (Oral Presentation).
40. 2010 Alberici Da Barbiano*, L., Z. Gompert, A. Aspbury, C. Gabor, and C. C. Nice. Metapopulation dynamics and sperm storage might explain the maintenance of a vertebrate gynogenetic species: a simulation model. Society for the Study of Evolution, Portland, OR (Oral Presentation).
39. 2010 Downey*, M. and C. C. Nice. Experimental and population genetic evidence of incipient host race formation in *Mitoura* butterflies. Society for the Study of Evolution, Portland, OR (Oral Presentation).
38. 2010 Downey*, M. and C. C. Nice. Experimental and population genetic evidence of incipient host race formation in the juniper hairstreak butterfly, *Mitoura gryneus*. Southwestern Association of Naturalists Meeting, Junction, TX. (Oral Presentation)
37. 2010 Downey*, M. and C. C. Nice. Experimental and population genetic evidence of incipient host race formation in the juniper hairstreak butterfly, *Mitoura gryneus*. 11th Annual Ecological Integration Symposium, Texas A&M University, College Station, TX. (Oral Presentation)
36. 2010 Downey*, M. and C. C. Nice. Experimental and population genetic evidence of incipient host race formation in the juniper hairstreak butterfly, *Mitoura gryneus*. Texas Academy of Science Annual Meeting, Stephenville, TX. (Oral Presentation)
35. 2010 Alberici Da Barbiano*, L., C. Gabor, A. Aspbury, Z. Gompert, and C. C. Nice. Metapopulation dynamics and sperm storage: a simulation model to explain the maintenance of *Poecilia formosa*. 11th Annual Ecological Integration Symposium, Texas A&M University, College Station, TX. (Oral Presentation)

34. 2010 Alberici Da Barbiano*, L., C. Gabor, A. Aspbury, Z. Gompert, C. C. Nice. Metapopulation dynamics and sperm storage: a simulation model to explain the maintenance of *Poecilia formosa*. Texas Academy of Science Annual Meeting, Stephenville, TX. (Oral Presentation)
33. 2009 Alberici Da Barbiano*, L., C. Gabor, A. Aspbury, Z. Gompert, C. C. Nice. Metapopulation dynamics and sperm storage: a simulation model to explain the maintenance of *Poecilia formosa*. Texas Poeciliid Biology Conference 2009, San Marcos, TX. (Oral Presentation)
32. 2009 Fordyce J. A., C. C. Nice, Z. Gompert, M. L. Forister. Endosymbionts and butterfly conservation. Butterfly Conservation Symposium. Entomological Society of America, Annual Meeting, Indianapolis, IN. (Oral Presentation)
31. 2009 Nice C. C., J. A. Fordyce, Z. Gompert, M. L. Forister. Hybrid speciation on mountain tops: duplicate cases of hybridization in blue butterflies. European Society for Evolutionary Biology, Torino, Italy (Oral Presentation)
30. 2009 Downey*, M. H. C. C. Nice. The role of host plant fidelity in the evolution of reproductive isolation. Society for the Study of Evolution, Moscow, ID (Oral Presentation).
29. 2009 Downey*, M. H. C. C. Nice. The role of host plant fidelity in the evolution of reproductive isolation. Texas Academy of Sciences. (Oral Presentation).
28. 2009 DiMarco*, R., C. C. Nice, J. A. Fordyce. Family matters: Variation in defensive chemistry of the pipevine swallowtail butterfly (*Battus philenor*). Society for the Study of Evolution, Moscow, ID (Oral Presentation).
27. 2008 Forister, M. L., C. C. Nice, J. A. Fordyce, Z. Gompert. Larval performance, adult behavior, and the colonization of alfalfa by *Lycaeides melissa* (Lepidoptera: Lycaenidae). Entomological Society of America Annual Meeting, Reno, NV. (Oral Presentation)
26. 2008 Gompert, Z., M. L. Forister, J. A. Fordyce, C. C. Nice. Widespread mito-nuclear discordance caused by introgressive hybridization and selective sweeps. Society for the Study of Evolution, Minneapolis, MN (Oral Presentation).
25. 2008 Fordyce, J. A. and C. C. Nice. Antagonistic, stage-specific selection on defensive chemical sequestration in a toxic butterfly. Society for the Study of Evolution, Minneapolis, MN (Oral Presentation).
24. 2007 Alberici da Barbiano*, L. A. S. Aspbury, C. C. Nice, and C. R. Gabor. Unisexual-bisexual mating complexes: Is male fitness influenced by the frequency of heterospecific gynogenetic females? Animal Behavior Society Meeting. Burlington, VT.
23. 2007 Gompert, Z., J. A. Fordyce, M. L. Forister, A. M. Shapiro, C. C. Nice. Homoploid Hybrid Speciation in Lycaenid Butterflies. Biology of Butterflies, 5th International Meeting. Rome (Fruscati), Italy. Symposium: Speciation. (Oral Presentation)
22. 2007 Nice, C. C., Z. Gompert, J. A. Fordyce, M. L. Forister, A. M. Shapiro. The Consequences of Hybridization at Suture Zones in Western North America. Entomological Society of America, Pacific Branch, March 25-28, 2007, Portland, OR, Symposium: Phylogeography and Intraspecific Diversity of Western North American Arthropods. (Oral Presentation)
21. 2006 Gompert*, Z., J. A. Fordyce and C. C. Nice. Hybrid Speciation Driven by Adaptation to an Extreme Environment. Genetics of Speciation, American Genetics Association Annual Symposium, Vancouver, Canada. (Oral Presentation)

20. 2006 Nice, C. C., J. A. Fordyce and A. M. Shapiro. Novel Tradeoffs for Diapausing Butterflies Affecting a Sequestered Chemical Defense. Southwestern Association of Naturalists Annual Meeting, Colima, Mexico. (Oral Presentation)
19. 2006 Lucas*, L. K., C. C. Nice, J. N. Fries, C. R. Gabor. The Phylogeography of Endemic Texas Hill Country Salamanders: Implications for Population Persistence and Conservation. Southwestern Association of Naturalists Annual Meeting, Colima, Mexico. (Oral Presentation)
18. 2006 Gompert*, Z., J. A. Fordyce and C. C. Nice. The Contribution of Hybridization to Biodiversity in North American Lycaenid Butterflies. Southwestern Association of Naturalists Annual Meeting, Colima, Mexico. (Oral Presentation)
17. 2006 Gompert*, Z., J. A. Fordyce and C. C. Nice. Hybrid Butterfly Species on Sky Islands. Society for the Study of Evolution, Stonybrook, NY (Oral Presentation).
16. 2005 Fordyce, J. A. and C. C. Nice. Trade-offs of Butterfly Pupal Diapause in the Currency of Fat Reserves and Chemical Defenese. Society for the Study of Evolution, Fairbanks, AK (Oral Presentation)
15. 2005 Nice, C. C. and J. A. Fordyce. The Adaptive Significance of Behavioral and Phenotypic Plasticity for Thermoregulation in Pipevine Swallowtail Larvae. Society for the Study of Evolution, Fairbanks, AK (Oral Presentation)
14. 2005 Lucas*, L. K., C. C. Nice, J. N. Fries, C. R. Gabor. Population Genetics of a Threatened Plethodontid Salamander. Society for the Study of Evolution, Fairbanks, AK (Oral Presentation)
13. 2005 Gompert*, Z. and C. C. Nice. DNA Barcoding: Boon or Boondoggle? Society for the Study of Evolution, Fairbanks, AK (Oral Presentation)
12. 2005 Lucas*, L. K., C. C. Nice, J. N. Fries, C. R. Gabor. Conservation genetics of salamander populations in the Texas Hill Country. Texas Herpetological Society, Austin, TX (Oral Presentation)
11. 2004 Fordyce, J. A. and C. C. Nice. Geographic Variation in Clutch Size and a Realized Benefit of Aggregative Feeding. Gordon Conference, Plant-Insect Interactions, Ventura, CA (Poster)
10. 2004 Nice, C. C. and J. A. Fordyce. The Adaptive Significance of a Polyphenism in Pipevine Swallowtail (*Battus philenor*) Larvae. Southwestern Association of Biologists, Portal, AZ (Oral Presentation)
9. 2004 Gompert, Z. and C. C. Nice. Discord Between Molecular and Morphological Characters in *Lycaeides*: Parallel Evolution or Hybridization?. Southwestern Association of Biologists, Portal, AZ (Oral Presentation)
8. 2003 Nice, C. C. and J. A. Fordyce. Ecological, Morphological and Genetic Discontinuities in the *Lycaeides* Species Complex: How Many Blues? Society for the Study of Evolution, Chico, CA (Poster)
7. 2003 Nice, C. C. and J. A. Fordyce. A Geographic Mosaic of Population Differentiation within the Butterfly Genus *Lycaeides*. Southwestern Association of Biologists, Portal, AZ (Poster)
6. 2003 Fordyce, J. A. and C. C. Nice. Life History Modification of the Pipevine Swallowtail in Response to Host Plant Characteristics. Society for the Study of Evolution, Chico, CA (Oral Presentation)

5. 2000 Nice, C. C., N. Anthony, G. Gelembiuk, D. Raterman and R. ffrench-Constant. The phylogeography of discordance. Society for the Study of Evolution, Madison, WI (Poster)
4. 1999 Nice, C. C. Incongruent Data Sets from *Lycaeides*. Lepidopterists' Society, Symposium: Speciation in the Lepidoptera, Alta Vista, AZ
3. 1997 Nice, C. C. Biogeography and Evolution of the *Oeneis chryxus* Species Complex of Butterflies. Ecological Society of America, Providence, RI
2. 1987 Nice, C. C. and K. W. Corbin. Population Genetics of California Condors. Minnesota Academy of Science, Annual Meeting, St. Paul, MN
1. 1987 Nice, C. C. and K. W. Corbin. Population Genetics of California Condors. National Conference for Undergraduate Research, Asheville, NC

H. Invited Talks

31. 2022 Texas Parks and Wildlife Department, Wildlife Diversity Webinar
30. 2020 University of Maryland, Department of Entomology, College Park, MD
29. 2019 Texas Conservation Symposium, Southwestern Univ., 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, Ecology and Evolutionary Biology, Knoxville, TN
22. 2012 University of Nevada, Ecology, Evolution and Conservation Biology, Reno, NV
21. 2012 Trinity University, Department of Biology, 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, 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

I. Research Awards

2010 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

J. Grants and Contracts
Funded External Grants

19. 2025. Nice, C. C. and K. L. Bell. Edwards Aquifer Authority. Conservation genomics and demography of the endangered Comal Springs riffle beetles. $73,790.
18. 2025. Borstein, S. R. and C. C. Nice. State of Texas Comptroller of Public Accounts. Genomic Resources for at-risk Texas freshwater fishes. $269,652.
17. 2023. Nice, C. C. State of Texas Comptroller of Public Accounts. Texas *Eurycea* salamander genomics. $552,875.
16. 2023. Nice, C. C. US Fish and Wildlife Service. Genetic diversity of wild and refuge Peck's cave amphipod (*Stygobromus pecki*) populations. $131,711.
15. 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.
14. 2020. Nice, C.C. Texas Parks and Wildlife. Population genetic assessment of central Texas salamanders. $25,207.
13. 2018. Nice, C.C. Clearwater Underground Water Conservation District. Population genetics of northern *Eurycea*. $19,611.
12. 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.
11. 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).

10. 2015. Schwartz, B., W. Nowlin and C. C. Nice. Texas Parks and Wildlife, SWiG Grant. Status assessment and ecological characterization for the Texas Troglobitic Water Slater, *Lirceolus smithii*. $190,958
9. 2014. Schwartz, B. and C. C. Nice. Texas Parks and Wildlife. Molecular and morphological analysis of *Stygobromus sp.* near San Marcos, TX. $28,829.
8. 2013 Nice, C. C. USFWS Coop. Grant. Genetic diversity of wild and refugia Barton Springs Salamanders. $12,500.
7. 2013 Nice, C. C. USFWS Coop. Grant. Genetic diversity of Comal Springs riffle beetles. $12,500.
6. 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.
5. 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).
4. 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
3. 2007 Nice, C. C. Texas Parks and Wildlife, SWiG Grant. Title: Genetic isolation of Peck's Cave Amphipod, *Stygobromus peckii*. $103,022.
2. 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
1. 2005 Nice, C. C. Texas Parks and Wildlife, Section 6 Grant. 2005. Title: Genetic Isolation of Comal Springs Riffle Beetle Populations. $95,076

Submitted But Not Funded External Grants

26. 2015 Gompert, Z., M. L. Forister, J. A Fordyce, C.C. Nice and C. A. Buerkle. NSF Proposal 1542354: Collaborative Research: Dimensions: The evolution of novel interactions within a network of plant, insect and microbial biodiversity.
26. 2014 Gompert, Z., M. L. Forister, J. A Fordyce, C.C. Nice and C. A. Buerkle. NSF Proposal 1442111: Collaborative Research: Dimensions: The evolution of novel interactions within a network of plant, insect and microbial biodiversity.
25. 2013 Forister, M. L., J. A Fordyce, P. Armsworth, C.C. Nice. NSF Preliminary proposal 1428880: Drivers of local movement and regional gene flow in the Melissa blue butterfly.
24. 2013 Fordyce, J. A. and C. C.Nice. NSF Preliminary Proposal 1428530: The advantage of gregarious feeding behavior for non-aposematic, toxic prey: integrating prey chemical defense and predator foraging.
23. 2012 Forister, M., C. C. Nice, J. A. Fordyce, P. Armsworth, NSF Full Proposal #1256444 (Pending) Title: From Butterfly to Basin: Local Interactions to Regional Gene Flow in the Melissa Blue Butterfly.
22. 2012 Forister, M., C. C. Nice, J. A. Fordyce, P. Armsworth, NSF Preliminary Proposal #003387891 (Invited for Full Proposal Submission) Title: From Butterfly to Basin: Local Interactions to Regional Gene Flow in the Melissa Blue Butterfly.

21. 2012 Fordyce, J. A. and C. C. Nice, NSF Preliminary Proposal # (Submitted Not Funded) Title: The advantage of gregarious feeding behavior for non-aposematic, toxic prey: integrating prey chemical defense and predator foraging.
20. 2011 Forister, M., C. C. Nice, J. A. Fordyce, P. Armsworth, NSF Proposal #1145229 (Submitted Not Funded) Title: COLLABORATIVE RESEARCH: Dispersal ecology in a changing world: from local interactions to regional patterns of gene flow in the Melissa blue butterfly.
19. 2011 Fordyce, J. A. and C. C. Nice, NSF Proposal #1121000 (Submitted Not Funded) Title: COLLABORATIVE RESEARCH: The advantage of gregarious feeding behavior for non-aposematic, toxic prey: integrating prey chemical defense and predator foraging.
18. 2010 Forister, M., C. C. Nice, J. A. Fordyce, P. Armsworth, NSF Proposal #1050353 (Submitted Not Funded) Title: COLLABORATIVE RESEARCH: Dispersal ecology in a changing world: from local interactions to regional patterns of gene flow in the Melissa blue butterfly.
17. 2010 Nice, C. C., M. Forister, J. A. Fordyce and C. A. Buerkle, NSF Proposal #1020634 (Submitted Not Funded) Title: COLLABORATIVE RESEARCH: Genomic outcomes of repeated hybrid speciation.
16. 2010 Fordyce, J. A. and C. C. Nice, NSF Proposal #1021772 (Submitted Not Funded) Title: COLLABORATIVE RESEARCH: The advantage of gregarious feeding behavior for non-aposematic, toxic prey: integrating prey chemical defense and predator foraging.
15. 2009 Nice C. C. ARP Pre-proposal (Submitted-Not Funded). Title: Evolutionary genomics of repeated hybrid speciation events.
14. 2009 Gabor, C., A. Aspbury, C. C. Nice, NSF Proposal #0957030 (Submitted Not Funded) Title: The maintenance of unisexuality: Behavior, hormones, and genetic diversity in a unisexual-bisexual mating complex
13. 2009 Fordyce, J. A. and C. C. Nice, NSF Proposal #0919701 (Submitted Not Funded) Title: COLLABORATIVE RESEARCH: The advantage of gregarious feeding behavior for non-aposematic, toxic prey: integrating prey chemical defense and predator foraging.
12. 2008 Nice, C. C. National Geographic Society Exploration Grant (Submitted Not Funded) Title: Biogeography, Topography and Genetics: Following Nabokov's Butterflies Back to Russia.
11. 2008 Zhang, Y., C. C. Nice, K. Phillips. Section 6 proposal (Submitted Not Funded) Title: Genetic diversity, gene flow, and conservation of the endangered fountain darter in the Comal River and the San Marcos River.
10. 2008 Nice, C. C., M. Forister, J. A. Fordyce, NSF Proposal #0814736 (Submitted Not Funded) Title: COLLABORATIVE RESEARCH: Ecological Genetics of Replicate Hybrid Speciation Events across western North America.
9. 2008 Gabor, C., A. Aspbury, C. C. Nice, NSF Proposal #0817888 (Submitted Not Funded) Title: Why do males mismate in a unisexual-bisexual mating system: condition-dependent mating decisions and genetic variation in unisexuals?
8. 2007 Nice, C. C., M. Forister, J. A. Fordyce, NSF Proposal #0716946 (Submitted Not Funded) Title: COLLABORATIVE RESEARCH: Ecological Genetics of Replicate Hybrid Speciation Events across western North America.
7. 2007 Gabor, C., A. Aspbury, C. C. Nice, NSF Proposal #0744932 (Submitted Not Funded) Title: Ecological and evolutionary perspectives on the maintenance of unisexual gynogens:

behavioral implications.

6. 2006 Nice, C. C. NSF Proposal #0614222 (Submitted-Not Funded) Title: CAREER: The Role of Hybridization in Generating Biodiversity
5. 2006 Nice, C. C. NSF Proposal #0614222 (Submitted-Not Funded) Title: The Contribution of Hybridization to Biodiversity in Butterflies.
4. 2005 Gabor, C. and C. C. Nice. ARP Pre-proposal (Submitted-Not Funded). Title: Evolutionary maintenance of an asexual-sexual species complex: fitness consequences for male sailfin mollies.
3. 2004 Nice, C. C. NSF Proposal #0444699 (Submitted-Not Funded) Title: The evolution of genetic, morphological and ecological discontinuities during speciation.
2. 2003 Nice, C. C. NSF Proposal #0344509 (Submitted-Not Funded) Title: The evolution of genetic, morphological and ecological discontinuities during speciation.
1. 1999 ffrench-Constant, R. and C. C. Nice. NSF Proposal #9973972 (Submitted-Not Funded) Title: Systematics, phylogeography and speciation in the butterfly genus *Lycaeides* in North America.

Funded Internal Grants

5. 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.
4. 2009 Nice, C. C. Research Enhancement Grant, Texas State University San Marcos. Project Title: Hybrid Speciation on Mountain Tops: Duplicated Cases of Hybridization in Butterflies of the Genus *Lycaeides*. $7,980.00.
3. 2005 Ott, J. and C. C. Nice. Research Enhancement Grant, Texas State University San Marcos. 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 San Marcos. Project Title: Ecological genetics of an adaptive radiation. $8000.00
1. 2002 Nice, C. C. Research Enhancement Grant, Texas State University San Marcos. Project Title: Ecological specialization and the origin of species. $7980.00

III. Teaching

A. Teaching Honors and Awards

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

B. Courses Taught

2001 - present Texas State University San Marcos
Undergraduate courses:

Genetics

Population Genetics

General Entomology

Graduate courses:

Biogeography

Population Genetics

General Entomology

Principles of Population Biology I

Principles of Population Biology II

2000-2001 University of Wisconsin, Madison
Undergraduate course:

Economic Entomology

1990-1998 University of California, Davis
Undergraduate courses:

Introductory Evolution and Zoology Laboratory (Teaching Assistant, Lab Coordinator, New Lab Designer)

Ecology (Teaching Assistant)

Evolution (Teaching Assistant)

Ornithology (Teaching Assistant)

Ornithology Lab (Instructor)

Advanced Evolution (Lecturer 3 lecturers)

Evolution and Behavior (non-majors) (Instructor)

C. Graduate Theses/ Dissertations 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. Spring 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. Summer 2012.
9. Joshua Ethridge. Thesis Title: Conservation genetics of karst amphipods of the genus *Stygobromus*, including the federally endangered Peck's cave amphipod (*S. peckii*). M.S. Fall 2011.
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 *Plebujus* 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.

D. Supervised Graduate Student Accomplishments (Awards and Scholarships):

58. Will Coleman was runner-up for Best Presentation by PhD student at 28th Annual Biology Student Colloquium, Texas State University. 2022.
57. Alex Guzman awarded a Grant in Aid of Research from the Society for Integrative & Comparative Biology. 2021.
56. Alex Guzman received the McCarley Award, Southwestern Society of Naturalists. 2021.
55. Alex Guzman received the Graduate College Thesis Research Support Fellowship. 2021.
54. Will Coleman awarded National Cave and Karst Research Institute (NCKRI) Scholar Fellowship. 2020.
53. Amara Garza won the Best Talk at the M.S. level at 23th annual Biology Dept. Student Colloquium. 2018.
52. Amara Garza won the Wilks Award from the Southwestern Association of Naturalists. 2018
51. Kate Bell received the Eben and Elledge Endowed Scholarship. 2017.

50 Kate Bell received the Durrenberger Scholarship for Women in Science. 2017.

49. Kate Bell received a Graduate College Scholarship 2017
48. Amara Garza was awarded a Grant in Aid of Research from Sigma Xi. 2016.
47. Kate Bell received the Dorothy Coker Research Fellowship. 2016.
46. Sarak Bialik received the Gowen's Graduate Merit Fellowship. 2016.

45. Kate Bell received the Colene Drace Cell Biology Award. 2016
44. Sarah Bialik recieved the Graduate College Scholarship for Science and Engineering. 2016.
43. Sarah Bialik received a Thesis Research Support Fellowship. 2016.
42. Kate Bell received the Joan K. Thompson Scholarship. 2016.
41. Kate Bell received the Durrenberger Scholarship for Women in Science. 2016.
40. Kate Bell received the Graduate College Scholarship. 2016.
39. Kate Bell received the Graduate College Scholarship. 2015.
38. Kate Bell received the Durrenberger Scholarship for Women in Science. 2015.
37. Kate Bell won the People's Choice Award at the Texas State University 3 minute talk competition. 2015.
36. Kate Bell won the Dept. Biology Three minute talk competition. 2015.
35. Kate Bell received a Doctoral Research Support Fellowship, Texas State University. 2015
34. Kate Bell won the Best Talk at the Ph.D. level at 20th annual Biology Dept. Student Colloquium. 2015.
33. Ruben Tovar received a Theodore Roosevelt Award from the American Museum of Natural History. 2015.
32. Kate Bell received a McCarley Student Research Award from the Southwestern Naturalists. 2015.
31. Kate Bell won the Best Talk at the Ph.D. level at 19th annual Biology Dept. Student Colloquium. 2014.
30. Silas Ott received a Student Undergraduate Research Fund (SURF) award. 2014.
29. Kate Bell received a George Strait-Freeman Fellows Graduate Scholarship, Texas State University. 2014.
28. Desirae Wyeland won a McCarley Student Research Award from the Southwestern Naturalists. 2012.
27. Lauren Lucas received the Rosemary Grant Graduate Student Research Award from the Society for the Study of Evolution. 2012.
26. Desirae Weyland received the Durrenberger Scholarship for Women in Science. 2012.
25. Laura Alberici Da Barbiano received Dorothy Coker Research Fellowship. 2011.
24. Laura Alberici Da Barbiano received a Sigma Xi grant in aid of research award. 2011.
23. Michelle Downey received a Durrenberger Scholarship for Women in Science. 2010.
22. Laura Alberici Da Barbiano received a Theodore Roosevelt Award from the American Museum of Natural History. 2010.
21. Laura Alberici Da Barbiano received a Student Research Award from the Texas Academy of Science. 2010.
20. Michelle Downey received a Student Research Award from the Texas Academy of Science. 2010.
19. Michelle Downey received a George Strait-Freeman Fellows Graduate Scholarship, Texas State University. 2010.
18. Michelle Downey received a W. E. Norris Scholarship from the Department of Biology, Texas State University. 2010.

17. Laura Alberici Da Barbiano received the Vern Parish Award from the American Livebearer Association. 2009.
16. Michelle Downey received a Texas Academy of Science Student Research Award. 2009.
15. Michelle Downey won the McCarley Award from the Southwestern Association of Naturalists. 2008.
14. Laura Alberici Da Barbiano won the McCarley Award from the Southwestern Association of Naturalists. 2008.
13. Laura Alberici Da Barbiano was awarded the Raney Fund Award from the American Society of Ichthyologists and Herpetologists. 2008.
12. Michelle Downey received a Tuition Scholarship Award from the Graduate College, Texas State University. 2008.
11. Michelle Downey received a Theodore Roosevelt Award from the American Museum of Natural History, 2008.
10. Zach Gompert won the Outstanding Graduate Student Award in the College of Science, Texas State University, 2006.
9. Laura Alberici Da Barbiano received a Grant in Aid of Research from Sigma Xi. 2006.
8. Tina Gonzales was awarded the Durrenburger Scholarship for Women in Science for 2006.
7. Lauren Lucas won the award for Best Graduate Student Presentation at the 11th annual Biology Dept. Student Colloquium, 2006.
6. Tina Gonzales was awarded the Chuck Nash Aquatic Studies Scholarship. 2006.
5. Lauren Lucas won the Howard D. Schulze Biology Scholarship for academic achievement and scholarship. 2006.
4. Zach Gompert won the Eben-Ellege Award for outstanding graduate students in thesis or dissertation programs who have demonstrated significant potential in research activities. 2006.
3. Lauren Lucas was runner-up in the Wilk's Award, presented to the student giving the best oral presentation at the annual meeting of the Southwestern Naturalists (SWAN), Colima Mexico, 2006.
2. Lauren Lucas was awarded the San Antonio Conservation Society Scholarship.
1. Zach Gompert was awarded an NSF Graduate Research Fellowship in 2005.

E. Graduate Student Committees

71. Ferris Zughaiyir Ph.D.
70. Shannon Whitney Ph.D.
69. Sophie Diaz de Villegas Ph.D.
68. Erin Schilling Ph.D.
67. Ferris Zughaiyir Ph.D.
66. Toriann Mollis M.S.
65. Brittany Dobbins M.S.
64. Sam Tye M.S.
63. Sophie Diaz de Villegas M.S.
62. Britt White Ph.D. University of Texas at Austin.

61. Mar Moretta Ph.D.
60. Stephen Witkowski. M.S.
59. Ferris Zughaiyir. M.S.
58. Avery Mottet M.S. Morphological and molecular evidence of hybridization and asymetrical gene flow between endemic *Mahonia swaysei* and widespread *Mahonia trifoliolata*. Fall 2022.
57. Matt Harrison M.S. Population Genetic Structure of Unionid Mussels Across Multiple Gulf Drainages. Fall 2022.
56. Will Shim Ph.D. Host-parasite interactions at the genetic level in the *Schistocephalus solidus* tapeworm, copepods, and threespine stickleback system. University of Texas at Austin. Spring 2022.
57. Christa Edwards M.S. Establishing patterns in vegetation associations of the fountain darter, *Etheostoma fonticola*, in the San Marcos and Comal Rivers. Spring 2021.
56. Chloe Reeves M.S. Natural hybridization and introgression of *Berberis trifoliolata* and *Berberis swaseyi* in the Edwards Plateau. Spring 2020.
55. Harpreet Kaur Sandhu M.S. Evaluation of Extracts of *Melia azedarach*, *Azadirachta indica* (Neem Oil), *Lantana camara* and *Artemisia annua* as Choice and No-Choice Test for *Cylas formicarius* (Sweet Potato Weevil). Spring 2020.
54. Bria Marty M.S. Public perceptions of spiders and identifying trends in community science participation. Spring 2020.
53. Cody Craig Ph.D. Descriptions, classifications, and explanations of processes and patterns structuring and maintaining inland fish communities. Spring 2020.
52. Alex Sotola Ph.D. Influences of historical and contemporary environmental conditions on threatened and endemic aquatic organisms. Spring 2020.
51. Jared Haney M.S. Using museum specimens and citizen-science to examine the range contraction of a threatened lizard species. Spring 2019.
50. Joan Parrot Ph.D. Fossil angiosperm woods from the Jose Creek member of the McRae Formation. Spring 2019.
49. Diana Kim Ph.D. An integrative approach to the ecology and evolution of alternative reproductive tacticsin male *Poecillia latipinna*. Fall 2018.
48. Alex Zalmat M.S. Population structure and gene flow in the Louisiana Iris species Complex. Fall 2018.
47. Amanda Driscoe M.S. Host plant association and spatial autocorrelation as drivers of genetic differentiation among populations of a regionally host-specific insect herbivore. Spring 2018.
46. Daniel Puckett M.S. A survey of ant-associated fungal diversity in canopy Bromeliads from the Ecuadorian Amazon. Fall 2018.
45. Richard Nuckles Ph.D. Differential selection pressure among duplicated genes in teleosts. Spring 2018.
44. Chelsea Blake Ph.D. Dissertation: Personality and predation in a changing world. Spring 2016.
43. Jaime Mata-Miquez Ph.D. University of Texas, Austin Dissertation: Assessing the Genetic Impact of Aztec and Spanish Imperialism in Mesoamerica. Spring 2016.

42. Virginia Brown M.S. Thesis: Effects of environmental conditions on size distributions of Lepidoptera in two contrasting ecosystems: the Chihuahuan Desert and the Edwards Plateau. Spring 2016.
41. Megan Mondelli, M.S. Thesis: Effects of urbanization on stress response of Texas *Eurycea* salamanders. Spring 2016.
40. Cheng Jung "Joy" Sung - M.S. The genomic architecture of reproductive isolation in a Louisiana hybrid zone. Spring 2015.
39. McLean Worsham M.S. Thesis: *Huffmanela huffmani*: life cycle, natural history, and biogeography.Spring 2015.
38. ShengWei Ho M.S. - Thesis: An interspecific linkage map of *Iris fulva* and *I. nelsonii*. Spring 2013.
37. Katherine Cummings M.S. - Thesis: Assessing the imprint of geography, host species, land cover, and space on the local abundance of a generalist nest parasite, the Brown-headed Cowbird. Spring 2013.
36. Preston Bean Ph.D. - Dissertation: Introgressive status, population genetic structure, phylogeographic history and individual-level resource specialization of the Guadalupe Bass, *Micropterus treculii*. Fall 2012.
35. Sunni Taylor Ph.D. - Dissertation: Hybridization and reproductive isolation in Louisiana *Iris*. Fall 2012.
34. Maria Cooke M.S. - Thesis: Natural history studies on the Comal Springs riffle beetle (*Heterelmis comalensis*). Summer 2012.
33. James Muraco M.S. - Thesis: Proximate and ultimate perspectives on the maintenance of a unisexual-bisexual mating complex: Importance of behavioral syndromes and stress hormones. Spring 2012.
32. Nikhil Advani Ph.D. - Dissertation: Thermoregulation, local adaptation and climate change: a case study of *Melitea cinxia*. University of Texas, Austin. Spring 2012.
31. Mike Vandewege M.S. Project Title: Using pedigree reconstruction to test head-starting efficiency for amphibians: field tested in the Houston Toad (*Bufo houstonensis*). Spring 2011.
30. Josh Shaw M.S. Project Title: Mechanical pollinator isolation in Louisiana Iris divided: legitimacy and pollen transfer. Fall 2010.
29. Mary Dobson M.S. Thesis Title: Hybrids and Herbivory: genetic patterns of tolerance in hybrids. Fall 2010.
28. Cristina Campbell. M.S. Thesis Title: Hypersenstive response in live oak: characterization and efficacy against a host specific gall-forming wasp. Fall 2010.
27. Bindu Viswanathan M.S. Thesis Title: Evaluating the important bird areas network in India from a biogeographic and conservation perspective. Fall 2010.
26. Daniel Duran Ph.D. Vanderbilt University. Dissertation Title: Speciation and Phylogeography of Tiger Beetles. Spring 2010.
25. Kristin Epp Ph.D. Dissertation Title: Predator recognition and avoidance in the San Marcos salamander. Spring 2010.
24. Jake Jackson Ph.D. Dissertation Title: Demography and population structure of a Rio Grande endemic emydid, the Big Bend slider. Fall 2010.

23. Ken Mix Ph.D. Dissertation Title: A multi-dimensional analysis of upper Rio Grande social-ecological system: the San Luis valley, Colorado. Spring 2010.
22. Vincent Farallo M.S. Thesis Title: Predation and the evolution of color polymorphism in the mottled rock rattlesnake (Crotolus lepidus lepidus). Fall 2009.
21. Austin Hill M.S. Thesis Title: Molecular genetic assessment of population structure, paternity and sex ratio for the reddish egret. Fall 2009.
20. Jaimie Maher M.S. Thesis Title: Macroinvertebrate relations with ecoregions and aquifers as influenced by the hydrology and water quality of western Texas spring ecosystems. Spring 2009.
19. Glen Hood M.S. Thesis Title: Effects of Prior Defoliation on the Timing of Life Cycle Events and Susceptability to Natural Enemies of a Host Specific Gall-Former. Spring, 2009.
18. Alexandra Smith M.S. Thesis Title: Mercury contamination of the Rio Grande fish community: spatial variation and influence of environmental gradients. M.S. Spring 2009.
17. Akiko Fujii M.S. Thesis Title: The Texas tortoise (Gopherus bolandeiri), the only tortoise without a plan: defining conservation units in southern Texas. Fall 2008.
16. Sunni Taylor M.S. Thesis Title: Genetic architecture of reproductive isolation in Louisiana irises: postzygotic isolation. Spring 2008.
15. Julie Parlos M.S. Project Title: Population genetic structure of a cave dwelling bat, Myotis vellifer. Spring 2008.
14. Andy Blair M.S. Project Title: Pollinator Effectiveness, Pollinator Importance, and Pollen Dispersal in Star Cactus (Astrophytum asterias). M.S. Fall 2007.
13. Mubina Merchant M.S. Thesis Title: Identification and Characterization of Bacterial Isolates from Spring Lake, Texas. M.S. 2005.
12. Lindley Bailey M.S. Thesis Title: Distribution and Genetic structure of Pseudemys gorzugi in texas rivers. M.S. 2005.
11. Angie Feltoon M.S. Thesis Title: Diversity and Conservation Genetics of The Mexican Beaded Lizard (Heloderma horridum). M.S. 2005.
10. Lene Griego M.S. Thesis Title: Macroinvertebrate Communities in the San Antonio River: Responses to Allocthonous Water Inputs. M.S. 2005.
9. Anna Strong M.S. Thesis Title: Breeding System and Pollination Biology of the Endangered Star Cactus, Astrophytum asterias, in Texas. M.S. 2005.
8. Jonas Rosenthal M.S. Thesis Title: The Impacts on Phylogeography of an Ancient lake in the Chihuahuan Desert. M.S. 2005.
7. Greg Cryer M.S. Thesis Title: Investigating Temporal and Spatial patterns of Parasitoid Attack on a Root-Galling Cynipid, Belocnema treatae. M.S. 2005.
6. Nicole Burpo Project Title: Consequences of Variation in Dietary Protein on Captive-Raised Black Knob Map Turtles (Graptemys nigrinoda, Emydidae). M.S. 2004.
5. Jenny Gumm M.S. Project Title: Species and Mate Quality Recognition in Poecilia latipinna (Poeciliidae). M.S. 2004.
4. Scott Eagan M.S. - Project Title: Variation in Host Plant Quality and Demic Adaptation as Determinants of the Abundance and Distribution of a Gall-Forming Herbivore. M.S. 2003.

3. Sue Morris M.S. Project Title: Systematics of Locally Endemic Short-tailed Shrews, Blarina (Insectivora: Soricidae), in Bastrop and Aransas Counties, Texas. M.S. 2003.
2. Diana McHenry M.S. Molecular Systematics of the Texas Genera of Nyctaginaceae. M.S. 2002.
1. Dolores Weisbaum M.S. Project Title: Description and Distribution of Antennular Setate of Scyllarid Lobsters (Scyllarides aequinoctialis, S. latus and S. nodifer) with Comments on their Possible Function. M.S. 2002.

F. Current Graduate Student Committees:

1. Mar Moretta - Ph.D.
2. Stephen Witkowski - M.S.
3. Ferris Zughaiyir - M.S.
4. Britt White - Ph.D. University of Texas, Austin.
5. Sam Tye - M.S.

G. Undergraduate Projects Supervised:

16. Daniel Soriano-Andrade (2022) Microbiological bioinformatics for *Wolbachia*
15. Serena Koehler (2020-2021) *Wolbachia* survey using GBS data.
14. Silas Ott (2012-2013) Vicariance in endemic Texas fishes.
13. Adrian Beckman (2013) Population genetics of Mountain dace.
12. Silas Ott (2010) (Comal High School Senior Project) Phylogeny and phylogeography of juniper hairstreaks butterflies in North America.
11. Brittany Kearny (2009) Host fidelity and assortative mating in Juniper hairstreak butterflies.
10. Amanda Bottoms (2009) Paternity analysis in sailfin mollies: the effects of sexual parasites.
9. Tera Eulenfeld (2008) Investigation of *Wolbachia* infection in the endangered Karner Blue Butterfly.
8. Alex Patino (2006) As an HLSAMP Honors Scholar, Alex investigated mitochondrial DNA sequence variation in butterfly suture zones.
7. Allison Stephenson (2006-2007) Ali has been collecting sequence data from the single copy nuclear gene EF1-alpha to investigate the genetic structure of a hybrid zone in Lycaeides butterflies.
6. Eric VanGasbeek (2005-2006) Eric has been assisting in a project designed to test the hypothesis that butterfly morphology responds plastically to diet. He is also involved with a project exploring the development of host-races in the hairstreak genus Mitoura.
5. Holly Bonine (2005-present) Holly has been conducting independent research on the relationship between host plant use and parasitism in Hackberry Butterflies (Genus Asterocampa).
4. Jack Flanders (2005-2006) Jack created a teaching collection of spiders of Texas and developed a new lab on spider taxonomy for the entomology class.
3. Elizabeth Lowe (2005-2006) Elizabeth investigated the phylogeography of butterflies using mitochondrial sequence data.

2. Tiffany Morris (2003) Tiffany completed a project consisting of isolating and amplifying DNA from museum specimens as part of a larger project.
1. Zachariah Gompert (2002-2004) Zach completed a University Honors project investigating the population genetics of an adaptive radiation in butterflies.

H. Courses Prepared and Curriculum Development

2004-2006 Developed and taught Principles of Population Biology (BIO 5427) and Population Genetics (BIO 7433)

2003-2005 Designed and implemented new Masters Degree program in Population and Conservation Biology with Dr. J. Ott

2003-2005 Developed and taught Biogeography (BIO 7353) and Population Genetics (undergraduate version) (BIO 4306)

2002 Developed and taught General Entomology (BIO 4465/5465)

2001 Developed and taught Genetics (BIO 2450)

I. Funded External Teaching Grants

1. 2005 Forstner, M.R.J., 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)

J. Funded Internal Teaching Grants

1. 2002 Nice, C., Freeman Ranch Grant. Butterfly Camp for Primary and Secondary Students ($800.00)

K. Submitted but not Funded Internal Teaching Grants

1. 2002 Student Computing Resources Grant. Gabor, C., C. Nice, F. Rose. Power to the Computer: Ground-up Use of Computers for Biology Majors.

IV. Service

A. Committees

University Committees:

1. University Arboretum Committee (2005-2010)
2. Greenhouse Site Selection Committee (ad hoc) (2006)
3. Freeman Ranch Advisory Committee (Chair) (2013 - present)

College of Science Committees:

1. Biology Department Chair Search (2005)

2. Biology Department REP representative (2012, 2014)
3. Biology Department College Review group representative (2013-present)

Departmental Committees and other Service:

1. Population and Conservation Biology Masters Program Director (2009-2015)
2. Graduate Committee (2009 - 2015)
3. Biology Department New Ph.D. Program Committee (Chair) (2006-2013)
4. Faculty Sponsor: Tri Beta Biological Honor Society, Kappa Zeta Chapter (2007-2013)
5. New Greenhouse Committee (Chair) (2004 - 2011)
6. Greenhouse Committee (Chair) (2004 - 2011)
7. Greenhouse Committee (2004 - present)
8. Curriculum Committee (2004 - 2012)
9. Seminar Committee (Co-Chair) (2001 - present)
10. Annual Review Document (impromptu) Committee (2005)
11. Mitte Chair Proposal Committee (2005-2006)
12. International Center for Biodiversity and Conservation Proposal Committee (2005-2006)
13. Population and Conservation Biology Masters Degree Program Committee (2002-2006)
14. Computer Grant Committee (2002)

Departmental Job Search Committees:

1. Plant Biologist Search Committee (2005-2006)
2. Department of Biology Chair Search (2005)
3. Quantitative Ecologist Search Committee (2003)

B. Community Service:

1. Instructor Gonzales County Master Gardeners (2011-present)
2. Instructor: Hays County Master Naturalists. (2002- present)
3. Instructor: Hays County Master Gardeners. (2003- present)
4. TX State Challenge Camp Class, 2007
5. Guest Speaker, San Marcos Elementary School (2004)
6. Environmental Committee Member, San Antonio River Foundation (2011-2013)

C. Professional Service:

Hosting Visiting Scientists to the Nice Lab to Learn Lab Techniques:

Dr. Kimberly Sheldon, University of Tennessee (2018)
Dr. Allan Strand, College of Charleston (2015)
Dr. Erik Sotka, College of Charleston (2015)
Dr. Stacy Krueger-Hadfield, College of Charleston (2015)
Dr. Torrance Hanley, Northeastern University (2015)
Dr. Darrin Hulsey, University of Tennessee (2011)

Chris Hamm, Michigan State University (2011)

Dr. Ben Fitzpatrick, University of Tennessee (2011)

Dr. Joe Wilson, University of Nevada, Reno (2011)

Dr. Brandi Coyner, University of Nevada, Reno (2011)

Tracy Fausterman, University of New Orleans (Adviser: Dr. Nicola Anthony) (2010)

Laura Alexander, University of New Orleans (Adviser: Dr. Phil DeVries) (2010)

Rachel Wallace, University of New Orleans (Adviser: Dr. Nicola Anthony) (2008)

Dr. Dan Bolnick, UT Austin (2007)

Dr. John Malone, UT Arlington (2007)

Dr. Matt Forister, University of Nevada, Reno (2006)

Dr. James Fordyce, University of Tennessee (2006)

Field Courses:

1. Organization for Tropical Studies, Butterfly Ecology Course 2010 (Instructors: Dr. Phil DeVries (Univ. New Orleans) and Dr. Bruce Walsh (Univ. Arizona), La Selva, Costa Rica, Visiting Scholar.

Grant Proposal Reviews:

17. NSF (2015)
16. American Philosophical Society, Lewis and Clark Grants (2014)
15. NSF Panel: Evolutionary Processes (2014)
14. NSF (2012)
13. NSF Panel: Evolutionary Processes (2011)
12. NSF (2011)
11. Estonian Science Foundation (2011)
10. Louisiana Board of Regents (2010)
9. FWF (Austria) (2009)
8. NSF (2009)
7. Texas Parks and Wildlife (2009)
6. US Fish and Wildlife Service (2009)
5. NSF Panel: Population and Evolutionary Processes: Phylogeography (2008)
4. NSF (2006)
3. NWO (The Netherlands) (2006)
2. NSF (2005)
1. NWO (The Netherlands) (2005)

Editorial Boards:

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
Ecology Letters
Entomology Bulletin
Entomological Science
European Journal of Entomology
Evolution
Insect Conservation and Diversity
Insects
Journal of Insect Behavior
Journal of the Lepidopterist's 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

Professional Affiliations:

Society for the Study of Evolution
Ecological Society of America
Entomological Society of America
The Lepidopterist's Society