

Jared D. Wolfe

Wildlife ecologist | Professor | Conservation scientist

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Current Position

Associate Professor, Michigan Technological University

College of Forest Resources and Environmental Science

Previous Positions

Research Assistant Professor, Michigan Technological University, College of Forest Resources and Environmental Science

Research Faculty, Cal Poly Humboldt, Wildlife Department

Wildlife Ecologist, USDA Forest Service, Pacific Southwest Research Station

Education

2010 – 2014 PhD, Louisiana State University, Advisor: Dr. Phillip C. Stouffer

2008 – 2010 MSc, Cal Poly Humboldt, Advisor: Dr. Matthew D. Johnson

2000 – 2006 BSc, Cal Poly Humboldt, Advisor: Dr. Matthew D. Johnson

Career Profile

I study the ecological mechanisms that shape bird populations and biodiversity in a rapidly changing world. Through long-term monitoring, demographic modeling, and large-scale field experiments in temperate and tropical forests, my research has helped uncover the drivers of avian population declines and identify pathways for conservation. A complementary focus of my work is avian molt and plumage evolution, including the development of broadly adopted methods for age classification that have improved demographic studies and bird banding programs across the globe.

- Helped document widespread declines of tropical birds in ostensibly intact forests and led the effort to identify climate-driven reductions in survival as a key demographic mechanism.
 - Demonstrated how forest structure and habitat regeneration can buffer bird populations against climate change and fragmentation.
 - Co-developed the Wolfe-Ryder-Pyle (WRP) age-classification framework, now widely used in bird banding and demographic studies worldwide.
 - Conducted ornithological research, training, and capacity-building programs across North America, Central America, South America, and Africa.
 - Contributed scientific evidence that helped support creation of a new protected area in Equatorial Guinea through a \$1.6 million Rainforest Trust initiative.
 - Secured competitive funding from NSF, EPA, USFWS, NFWF, and other agencies to advance ornithological research, conservation, and training.
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- 78 peer-reviewed publications, 2 book chapters, and 1 book.
 - 3,648 citations; h-index 27 (Google Scholar, August 2026).
 - Associate Editor, Ornithological Applications.
 - Principal investigator or co-investigator on more than \$4.0 million in awarded external funding.

- Research featured in *Science Advances*, *Ecology Letters*, *Proceedings of the Royal Society B*, *Current Biology*, *Ornithology*, and other leading journals.
- Research highlighted by *Science*, *The Guardian*, *BBC*, *Washington Post*, *Living Bird*, *NPR Science Friday*, and numerous other media outlets.
- Mentored more than 25 graduate students and postdoctoral researchers and numerous undergraduate researchers.
- Effective educator with average university student evaluations of 4.6/5.0.

Honors and Professional Recognition

2025	Research selected for <i>Hot Science</i> (World Resources Institute & Bezos Earth Fund) as a significant climate-science publication
2025	College of Forest Resources and Environmental Science, Michigan Tech, Top Researcher (highest research expenditures in the college FY 2024)
2021	Michigan Tech Provost recognition for excellence in teaching
2019	Michigan Tech Provost recognition for excellence in teaching
2019	The Wildlife Society best book of 2019 shortlist
2018	Michigan Tech Provost recognition for excellent teaching
2018	Louisiana Ornithological Society President's Award
2016	American Ornithologists Union Elective Member
2015	Young Professional Award from Cooper Ornithological Society
2013	Ben and Pauline Stanley Excellence Award for Outstanding Doctoral Student
2011	Awarded USFS Wings Across the Americas International Cooperation for helping establish Costa Rica Bird Observatories
2010	Awarded Best Student Publication from Association of Field Ornithologists
2009	Awarded Best Master's Thesis from Humboldt State University
2008	Best Digital Cartographic Representation by the California Geographical Society

Sponsored Research, Grants, and Fellowships

2026	USDA-NIFA Research Facilities Act Program, co-PI, \$2,474,620 requested (\$4,949,245 total project value including cost share); Modernizing the Ford Center's Water and Energy Infrastructure for Forestry Research and Workforce Development. In review.
2026	NSF DEB, PI, \$472,128; Experimental irrigation reveals how severe dry seasons drive tropical bird declines. In review.
2026	NFWF Bats for the Future Fund, PI, \$189,404.87; Understanding Winter Bat Migration Temperature Response to Inform Best Management Practices (MI). Awarded.
2025	NSF Ecology and Evolution of Infectious Disease, PI, \$3,000,000; Integrating Disease Ecology and Evolution into Forest Management to Control Lyme Disease. Declined, Program Archived.
2025	U.S. Department of State, co-PI, \$17,951; Enhancing Academic Linkages and Research Capacity in Suriname. Awarded.
2024	NASA Biodiversity and Ecological Conservation, PI, \$307,949; Assessing Climate Change Resilience and Refugia in Tropical Lowland Forests. Declined, preparing for resubmission
2024	NASA Biodiversity and Ecological Conservation, Senior Personnel, \$580,712; Mapping Drivers of Biodiversity: Ecosystem Functions and Food Webs in a Changing World. Declined, preparing for resubmission
2024	US Department of State, co-PI, \$15,000, Assessing Climate Change Resilience and Refugia in Tropical Lowland Forests. Awarded.
2024	USFWS, PI, \$53,137; Enabling WNS management via autonomous monitoring of microclimates and animal state in bat hibernacula. Awarded.
2024	Great Lakes Restoration Initiative (GLRI), PI (USFS joint-venture), \$525,000; Integrating migratory bird stopover requirements into management action across the Great Lakes Basin. Awarded.
2024	NSF, GRFP, Sponsoring Scientist for Ellie Resendiz, \$168,000; Integrating migratory bird stopover requirements into management action across the Great Lakes Basin. Awarded.
2024	GEM Associate Fellow, Sponsoring Scientist for Ellie Resendiz, \$; Integrating migratory bird stopover requirements into management action across the Great Lakes Basin. Awarded.

- 2023 Hammar Fund for class development (Michigan Tech internal grant), \$7,100. Awarded.
- 2023 NFWF, Bats for the Future Award, \$116,472; Development and implementation of management strategies to reduce White-nose Syndrome and increase bat survival in Michigan's abandoned mine hibernacula. Awarded.
- 2023 SCI, co-PI, \$11,250; Technical support for the Solonga Conservation Initiative. Awarded.
- 2023 NSF, PI, \$109,649; Forest Fragmentation and Climate Change Impact Bottom-up Processes that Affect Tropical Avian Diversity. Awarded.
- 2022 NSF, GRFP, Sponsoring Scientist for Jenna Brewer, \$168,000; Developing an acoustic bird deterrent to mitigate building strikes. Awarded.
- 2022 NSF, PACSP, co-PI, \$82,752; Science-informed action to promote host persistence with infectious disease in a changing climate. Declined.
- 2022 NSF, PRFB, Sponsoring Scientist for Dr. Vitek Jirinec, \$160,000; Effects of thermal extremes on body condition of tropical birds. Declined.
- 2022 Rainforest trust, co-PI, \$1,600,000; Development of a new National Park in the central African country of Equatorial Guinea. Awarded
- 2022 SCI, co-PI, \$45,000; Technical support for the Solonga Conservation Initiative. Awarded.
- 2021 Ecosystem Science Center (ESC), PI, \$6,000; Developing and commercializing technology to protect migratory songbirds from building collisions. Awarded.
- 2021 Michigan Tech's Research Excellence Fund, PI, \$26,000; Developing and commercializing technology to protect migratory songbirds from building collisions. Awarded.
- 2021 NASA BioScape, Co-I, \$550,000; Mapping Drivers of Biodiversity: Ecosystem Functions and Food Webs in a Changing World. Declined.
- 2021 Sustain Our Great Lakes - Category 1: Restore and Enhance Stream and Riparian Habitat, PI, \$125,000; Riparian restoration on the lower reaches of the Pilgrim River. Declined.
- 2021 BCBI/WWF, co-PI, \$45,000; Technical support for the Bonobo and Congo Biodiversity Initiative/World Wildlife Fund. Awarded.
- 2020 NSF MRI, co-PI, \$327,067; Acquisition of an Isotope Ratio Mass Spectrometer for using stable isotopes to study complex ecological systems. Awarded.
- 2020 NSF LTREB, PI, \$349,756; Long-term effects of disturbance on Amazonian bird communities at the BDFFP: Relative effects of bottom-up and top-down trophic processes. Declined, resubmitted.
- 2020 NSF IRES, co-PI, \$643,241; Innovative Interdisciplinary Research and Education Opportunity for Students on the Imbabura UNESCO Geopark in Ecuador. Declined.
- 2020 BCBI/WWF, co-PI, \$45,000; Technical support for the Bonobo and Congo Biodiversity Initiative/World Wildlife Fund. Awarded.
- 2020 USDA Forest Service, PI, \$8,000; Integrating economically valuable wildlife management into silviculture practices in northern Michigan. Awarded.
- 2019 Michigan Tech REF, PI, \$ 20,645; Assessing Novel Enforcement Methodologies to Reduce Illegal Bushmeat Hunting and Logging in Equatorial Guinea's Protected Areas. Awarded.
- 2019 USFWS Neotropical Migratory Bird Conservation Act, co-PI, \$170,000; Conservation of vulnerable wood thrush habitat, Caribbean slope of Costa Rica. Awarded.
- 2018 MTU Martin Jurgensen Teaching Development Award, PI, \$4,224.00; Bat monitoring and research capacity building workshop. Awarded.
- 2018 MTU Hammer's Endowed Field Equipment Fund, PI, \$9,048.52; Developing MTU's Wildlife Research Techniques Class. Awarded.
- 2017 Silicon Valley consortium, PI, \$50,000; Donor expedition to Brazilian Amazon. Awarded.
- 2017 USFWS Neotropical Migratory Bird Conservation Act, co-PI, \$170,000; Conservation of Golden-winged warbler habitat, Cordillera de Talamanca of Costa Rica. Awarded.
- 2016 National Geographic Waitt Grant, co-PI, \$24,700; Building Equatorial Guinea's capacity to conserve wildlife and defend protected areas. Awarded.
- 2016 USFS Pacific Southwest Research Station, PI, \$52,500; Assessing effects of variable forest management strategies on bird communities using network analysis. Awarded.

- 2016 USFS Pacific Southwest Research Station, PI, \$74,100; Developing an Agent Based Model for California Spotted Owls. Awarded.
- 2016 Hess Corporation, co-PI, \$5,000; Protected Areas monitoring and capacity building in Africa. Awarded
- 2015 USFWS Wildlife Without Borders, co-PI, \$50,000; Protected Areas monitoring and capacity building in Africa. Awarded.
- 2015 USFS Postdoctoral Fellowship, PI, \$150,000; Demographic implications of forest structure and climate on California spotted owl populations. Awarded.
- 2014 Stone Hill Education, co-PI, \$5,000; Equatorial Guinea wildlife research and science education. Awarded.
- 2014 Klamath Bird Observatory Postdoctoral Fellowship, PI, \$75,000; Assessing effects of climate and forest structure on songbird community dynamics. Awarded.
- 2014 Noble Energy, co-PI, \$5,000; Education, exploration, and conservation in Equatorial Guinea. Awarded.
- 2014 Kickstarter Crowd Sourcing Campaign, PI, \$20,000; Equatorial Guinea Bird Initiative: Science in Africa! Awarded.
- 2014 Association of Field Ornithology, PI, \$800; Travel Award. Awarded
- 2013 Microryza Crowd Sourcing Campaign, PI, \$2,000; Developing workshops to prepare the next generation of Latin American biologists. Awarded.
- 2013 Manomet Center for Conservation: Kathleen S. Anderson Award, PI, \$2,500; Effects of forest fragmentation on Amazonian bird community structure. Awarded.
- 2013 Louisiana State University Rockefeller Scholarship, PI, \$2,500; Effects of forest fragmentation on Amazonian bird community structure. Awarded.
- 2013 National Audubon Society, PI, \$1,000; Conference travel award. Awarded.
- 2012 American Ornithologists Union (AOU) Research Award, PI, \$2,500; Effects of forest fragmentation on Amazonian bird community structure. Awarded
- 2012 Louisiana Environmental Education Commission Research Grant, PI, \$1,500; Integrating education into Louisiana Bird Observatory operations. Awarded.
- 2012 Eastern Bird Banding Association Research Award, PI, \$1,000; Building bird monitoring capacity in Louisiana. Awarded.
- 2011 Western Bird Banding Association Research Award, PI, \$1,000; Building bird monitoring capacity in Louisiana. Awarded.
- 2010 Cooper Ornithological Society, PI, \$500; Student travel award. Awarded.
- 2008 Humboldt State University - Stanley Harris Wildlife Scholarship, PI, \$2,500; Assessing habitat use of migratory birds in Costa Rica. Awarded.
- 2007 USFWS Richard J. Guadagno Scholarship, PI, \$2,500; Assessing habitat use of migratory birds in Costa Rica. Awarded.
- 2007 American Ornithologist Union, PI, \$500; Student travel award. Awarded.

Books and Chapters

Johnson, E. I. and J. D. Wolfe. 2017. Molt in Neotropical Birds: Life History and Aging Criteria. Studies in Avian Biology, CRC Press, Taylor and Francis Group, Boca Raton, Florida.

See [website](#), and Peter Pyle's [book review](#).

Wolfe, J. D. 2022. Buff-throated Foliage-gleaner (*Automolus ochrolaemus*), in: Essays on Panama's Lesser-Known Birds, Editors: J. Whitelaw, J. W. Fitzpatrick, J. Brawn, and H. Pollock. Cornell University Press, NY.

Wolfe, J. D. 2022. Eye-ringed Flatbill (*Rhynchocyclus brevirostris*), in: Essays on Panama's Lesser-Known Birds, Editors: J. Whitelaw, J. W. Fitzpatrick, J. Brawn, and H. Pollock. Cornell University Press, NY.

See [website](#).

Peer-Reviewed Publications (* indicates protégé author)

78. Brewer, J.*, S. Oberloier, A. Prince, D. B. Stone, and J. D. Wolfe. 2026. Evaluating acoustic deterrents for reducing migratory bird collisions with buildings. *Avian Conservation and Ecology* 21(2):5. <https://doi.org/10.5751/ACE-03143-210205>.
77. Luther, D., M. Campos-Cerqueira, A. Medeiros, A. McCarthy, E. Roberts, X. Li, P. Bobrowiec, J. D. Wolfe, G. A. Leite, T. Nascimento de Melo, J. W. Ribeiro, T. Bicudo, and K. Wessels. 2026. Satellite-based forest structure metrics as a predictive tool for biodiversity in hyperdiverse tropical forests: A test of the habitat heterogeneity hypothesis in the tropics. *Environmental and Sustainability Indicators* 30:101212. <https://doi.org/10.1016/j.indic.2026.101212>.
76. Barnes, T. M.*, J. D. Wolfe, A. Kurta, S. M. Smith, and J. E. Depue. 2026. Relationship of temperature with declines and persistence of *Myotis lucifugus* after white-nose syndrome. *Conservation Biology* e70236. <https://doi.org/10.1111/cobi.70236>.
75. Kim, H., H. Kim, N. Kim, S. Lee, and J. D. Wolfe. 2026. Demographic response of *Rana uenoi* to Land Use near Breeding Sites: A Case Study from the Gayasan Region, South Korea. *Global Ecology and Conservation* <https://doi.org/10.1016/j.gecco.2025.e04027>.
74. Lee, S., B. Cho, B. Yu, J. Lee, S. Lee, Wolfe, J. D., and C. Oh. 2025. Breeding Habitat Prediction and Nest-Site Characteristics of the Fairy Pitta (*Pitta nympha*) in Geoje-si, South Korea: Insights from a Species Distribution Model. *Global Ecology and Conservation* e03939 <https://doi.org/10.1016/j.gecco.2025.e03939>.
73. Barrie, E. M., B. A. Krochuk, C. Jarrett, D. F. Ferreira, P. Rodrigues, S. L. Mufumu, S. E. Malanza, A. E. Nsue Akele, C. E. Ebana Alene, K. E. Brzeski, J. C. Cooper, J. D. Wolfe and L. L. Powell. 2025. Specialized insectivores drive differences in avian community composition between primary and secondary forest in Central Africa. *Frontiers in Conservation Science* 6: 1504350.
72. Nikolaou, P., B.A. Krochuk, P. F. Rodrigues, K. E. Brzeski, C. M. Tonra, J. C. Cooper, J. D. Wolfe, L. L. Powell, S. E. Malanza and S. L. Mufumu. 2025. Insights on Avian Life History and Physiological Traits in Central Africa: Ant-following Species have Young-dominated age ratios in Secondary Forest Journal. *Frontiers in Conservation Science* 6: 1504320.
71. Wolfe, J. D., D. A. Luther, V. Jirinec, J. Collings, E. I. Johnson, R.O. Bierregaard Jr., and P.C. Stouffer. 2025. Climate change aggravates bird mortality in pristine tropical forests. *Science Advances*, DOI:10.1126/sciadv.adq8086.
70. Luther, D., E. I. Johnson, J. D. Wolfe, P. C. Stouffer, J. Batchelor, C. Tarwater, 2024. Habitat use of Amazonian birds varies by age and foraging guild along a disturbance gradient. *Proceedings of the Royal Society B*. 291(2023), p.20240866.
69. Carvalho, R.L., et al. Consortia: Carvalho, R.L., [...] J. D. Wolfe [...], and 504 other authors. 2024. Pervasive gaps in Amazonian ecological research. *Current Biology* 33: 3495-3504.
68. Wolfe, J. D. 2024. Book Review: Identification Guide to North American Birds, Part I, 2nd edition, by Peter Pyle. *Ornithology*. ukad050, <https://doi.org/10.1093/ornithology/ukad050>
67. DeGroot, T. L. *, J. D. Wolfe, L. L. Powell, F. Esono, A. Ebana, C. Barrientos, L. Torrent, and K. E. Brzeski. 2023. Gorillas, Chimpanzees and Forest Elephants Thrive in the Rio Campo Nature Reserve. *Berggorilla*, 67, 2/2023.
66. Long, L. L., F. K. Lake, J. L. Stephens, J. D. Alexander, and J. D. Wolfe. 2023. Using culturally significant birds to guide the timing of prescribed burns in the Klamath-Siskiyou bioregion. *Ecosphere* <https://doi.org/10.1002/ecs2.4541>.
See USDA Forest Service [press release](#), and coverage in the [Klamath Fall News](#).
65. Tsetagho, G., [...] J. D. Wolfe, [...], and 19 other authors. 2023. Modeling the potential distribution of the threatened Grey-necked Picathartes (*Picathartes oreas*) across its entire range. *Bird Conservation International*, 33, E65. doi:10.1017/S0959270923000175.
64. DeGroot, T. L. *, J. D. Wolfe, L. L. Powell, F. MBA EYONO, A. EBANA, C. Barrientos, L. Torrent, and K. E. Brzeski. 2023. Human impacts on mammal communities in Rio Campo Nature Reserve, Equatorial Guinea. *African Journal of Ecology*, 00, 1–14. <https://doi.org/10.1111/aje.13108>
63. Oliveira, S. L. *, D. J. Flaspohler, and J. D. Wolfe. 2022. Winter territoriality of the American Redstart in oil palm plantations. *Diversity* 14, 1079. <https://doi.org/10.3390/d14121079>.

62. Pyle, P., M. Gahbauer, E. I. Johnson, T. B. Ryder, and J. D. Wolfe. 2022. Application of a global age-coding system ("WRP"), based on molts and plumages, for use in demographic and other studies of birds. *Ornithology* 139: ukab063.
61. Powell, L. L., C. Rutt, K. Mokross, E. I. Johnson, J. D. Wolfe and P. C. Stouffer. 2022. Sociality and morphology differentiate niches of 13 sympatric Amazonian woodcreepers (Dendrocolaptinae). *Ornithology* 139: ukac002.
60. Tobias, J. A., [...] J. D. Wolfe, [...], and 104 other authors. 2022. AVONET: morphological, ecological and geographical data for all birds. *Ecology Letters* 25(3), pp.581-597.
59. Oliveira, S. L.*, D. J. Flaspohler, J. L. Knowlton, and J. D. Wolfe. 2022. Do oil palm plantations provide quality habitat for migratory birds? A case study from Mexico. *Ecological Indicators* 139: 108964.
58. Luther, D. A., W. J. Cooper, V. Jirinec, J. D. Wolfe, C. L. Rutt, R. O. Bierregaard Jr, T. E. Lovejoy and P. C. Stouffer. 2022. Long-term changes in avian biomass and functional diversity within disturbed and undisturbed Amazonian rainforest. *Proceedings of the Royal Society B*, 289:20221123.
57. Jarrett, C.*, T. B. Smith, R. Claire, D. Ferreira, M. Tchoumbou Malange, N. F. Elikwo, J. D. Wolfe, K. Brzeski, J. Cooper, R. Hanna, C. Masso, K. Fiaboe and L. Powell. 2022. Bird communities in African cocoa are diverse but lack specialized forest insectivores. *Journal of Applied Ecology*. <https://doi.org/10.1111/1365-2664.13864>
56. Jirinec, V., R. C. Burner, R. O. Bierregaard Jr., A. Hernández-Palma, E. I. Johnson, T. E. Lovejoy, L. L. Powell, C. L. Rutt, J. D. Wolfe, and P. C. Stouffer. 2021. Morphological consequences of climate change for birds in "intact" Amazonia. *Science Advances* 7(46), eabk1743.
55. Pyle, P., M. Gahbauer, E. J. Johnson, T. B. Johnson, and J. D. Wolfe. 2021. Application of a global coding system ("WRP") to study avian demography based on molt and plumage cycles of birds. *Ornithology* 139:1-12.
54. Miller, S. J.*, J. Wiethase*, A. Etingue*, E. Franklin, M. F. Mene, J. D. Wolfe, M. K. Gonder and L. Powell. 2021. The impact of new road construction on a pristine Afrotropical mountain: A case study using avian communities on Bioko Island, Equatorial Guinea. *Biotropica*. <https://doi.org/10.1111/btp.13014>.
53. Terrill, R. S., Y. Fong, J. D. Wolfe, and A. J. Zellmer. 2021. Threshold models improve estimates of molt parameters in datasets with small sample sizes. *Ornithology* 138:p.ukab038
52. Oliveira, S. L.*, D. J. Flaspohler, J. L. Knowlton, C. R. Webster, and J. D. Wolfe. 2021. Migratory bird community structure in oil palm (*Elaeis guineensis*) plantations and native forest fragments in southern Mexico. *Journal of Field Ornithology* 92:1-17.
51. Stouffer, P. C., V. Jirinec*, C. L. Rutt*, R. O. Bierregaard, Jr., A. Hernández-Palma, E. I. Johnson, S. R. Midway, L. L. Powell, J. D. Wolfe, and T. E. Lovejoy. 2021. Long-term bird community change in undisturbed Amazonian rainforest: Pervasive abundance declines and a shifting baseline. *Ecology Letters* 24: 186-195.
See American Ornithological Society [blogpost](#), Science Daily [press release](#), and associated news coverage at [Mongabay](#), [Earth](#), [Guardian](#), [NSE](#), [phys.org](#), and [BBC](#).
50. Ferreira, D. F., L. Torrent, A. J. Welch, J. D. Wolfe, K. E. Brzeski, and L. L. Powell. 2020. First record of a piebald Bates's Slit-faced Bat, *Nycteris arge* (Chiroptera: Nycteridae) from Equatorial Guinea, Central Africa. *Journal of Bat Research and Conservation*, 13:88-92.
49. Albert, S., J. D. Wolfe, J. Kellerman, T. Sherry, and B. Stutchbury. 2020. Habitat ecology of Nearctic–Neotropical migratory landbirds on the nonbreeding grounds. *The Condor: Ornithological Advances* 122:4.
48. Wolfe, J. D., R. S. Terrill, E. I. Johnson, L. L. Powell and T. B. Ryder. 2021. Neotropical bird molt: introduction to variation and adaptation. *Ornithology*. 138:1 <https://doi.org/10.1093/ornithology/ukaa073>
47. Terrill, R. S., G. F. Seeholzer, and J. D. Wolfe. 2020. Evolution of breeding plumages in birds: A multiple-step pathway for seasonal dichromatism in New World Warblers (Aves: Parulidae). *Ecology and Evolution* 10:9223-9239.
46. Figueira, L.*, P. Martins*, C. J. Ralph, J. L. Stephens, J. D. Alexander and J. D., Wolfe. 2020. Effects of breeding and molt activity on songbird site fidelity. *Auk: Ornithological Advances* 137:1-15.
45. Luther, D. A., W. J. Cooper, J. D. Wolfe, P. C. Stouffer, R. O. Bierregaard, Jr. and T. E. Lovejoy. 2020. Tropical forest fragmentation and isolation: Is community decay a random process? *Global Ecology and Conservation* e01168s.
44. Wolfe, J. D., P. C. Stouffer, R. O. Bierregaard, Jr., D. Luther and T. E. Lovejoy. 2020. Effects of a regenerating matrix on the survival of birds in tropical forest fragments. *Avian Research* 11:1-9
43. Wolfe, J. D., and P. Elizondo. 2020. Integrating bird conservation into ecosystem service payments and carbon offsets: a case study from Costa Rica. *Conservation Science and practice* doi.org/10.1111/csp2.173.

42. Long, L., and J. D. Wolfe. 2019. A Review the Science Directly Related to the Effects of Barred Owls (*Strix varia*) on Spotted Owls (*Strix occidentalis*). Journal of Wildlife Management 83:1281-1296.
41. Wolfe, J. D., J. D. Alexander, J. L. Stephens, and C. J. Ralph. 2019. A novel approach to understanding bird communities using informed diversity estimates at local and regional scales in northern California and southern Oregon. Ecology and Evolution 9:4431-4442.
40. Rutt, C.*, S. Midway, V. Jirinec*, J. D. Wolfe, and P. C. Stouffer. 2018. Examining the microclimate hypothesis in Amazonian birds: Indirect tests of the 'visual constraints' mechanism. Oikos 128:798-810.
39. Ralph, C. J., and J. D. Wolfe. 2018. Factors affecting the distribution and abundance of autumn vagrant warblers in northwestern California and southern Oregon. PeerJ. 6: e5881
38. Wolfe, J. D., C. J. Ralph, and A. K. Wiegardt*. 2017. Bottom-up processes influence the demography and life-cycle phenology of Hawaiian bird communities. Ecology 98:2885-2899.
See USFS [press release](#), Hawaii Tribune Herald [news article](#), Wildlife Society [news article](#).
37. Wiegardt, K. A.*, J. D. Wolfe, C. J. Ralph, J. L. Stephens and J. D. Alexander. 2017. Elevational movements of songbirds after the breeding season. Journal of Ecology and Evolution 7:7750-7764.
36. West, C., J. D. Wolfe, A. K. Wiegardt* and T. Williams-Claussen. 2017. Feasibility of California Condor recovery in northern California: assessing spatial and temporal patterns of contaminants using Surrogate species. Condor 119: 720-731.
See Eureka Times Standard [news article](#), American Ornithological Society [press release](#).
35. Cooper, J., O. Johnson, T. Davis, R. Terrill, K. Brzeski., **J. D. Wolfe**, A. Etingüe* and L. Powell. 2017. Notes on the distribution of the avifauna of Bioko Island, Equatorial Guinea, with one new country record. Malimbus 39:1-15.
34. Wiegardt, K. A.*, D. C. Barton and J. D. Wolfe. 2017. Upslope molt migration of the Wilson's Warbler in the Klamath-Siskiyou Bioregion. Journal of Ornithology 88:47-52.
33. Brzeski, K., J. D. Wolfe., J. Cooper and L. Powell. 2016. Camera sighting of Congo Clawless otter in the midst of rapid development on mainland Equatorial Guinea. IUCN Otter Specialist Group Bulletin 33:96-101.
32. Tempel, D., J. Keane, R. J. Gutiérrez, J. D. Wolfe, et al. 2016. Meta-analysis of California Spotted Owl (*Strix occidentalis occidentalis*) territory occupancy in the Sierra Nevada: habitat associations and their implications for forest management. Condor 118:747-765.
31. Cooper, J. C., L. L. Powell and **J. D. Wolfe**. 2016. Notes on the status and distribution of the avifauna of Equatorial Guinea, including five new country records. African Bird Club Bulletin 23:152-163.
30. Powell, L. L., J. D. Wolfe, E. I. Johnson and P. C. Stouffer. 2016. Forest recovery in post-pasture Amazonia: Testing a conceptual model of space use by insectivorous understory birds. Biological Conservation 94: 22-30.
29. Wolfe, J. D. et al. 2015. Island vs. countryside biogeography: an examination of how Amazonian birds respond to forest clearing and fragmentation. Ecosphere 6.12: 1-14.
28. Powell, L. L., G. Z. Zurita, J. D. Wolfe, E. I. Johnson and P. C. Stouffer. 2015. Changes in habitat use at rainforest edges through succession: A case study of understory birds in the Brazilian Amazon. Biotropica 47:723-732.
27. Wolfe, J. D. and E. I. Johnson. 2015. Geolocator reveals migratory and winter movements of a Prothonotary Warbler. Journal of Field Ornithology 86:238-243.
See Nat'l Audubon [press release](#), accompanying Audubon [Magazine article](#),
USDA Forest Service [press release](#), Wildlife Professional [article](#),
Mongabay [article](#).
26. Powell, L. P., J. D. Wolfe, E. I. Johnson, J. E. Hines, J. D. Nichols and P. C. Stouffer. 2015. Heterogeneous movement of insectivorous Amazonian birds through primary and secondary forest: A case study using multistate models with radiotelemetry data. Biological Conservation 188:100-108.
25. Wolfe, J. D., C. J. Ralph and P. Elizondo. 2015. Demographic response of a tropical bird to the El Niño Southern Oscillation in mature and young forest in Costa Rica. Oecologia 78:715-721. Selected cover article
See USDA Forest Service [press release](#), Klamath Bird Observatory Blogpost and [Press Release](#).
24. Mokross, K. Ryder, T. B., Côrtes, M. C., Wolfe, J. **D.** and P. C. Stouffer. 2014. Decay of interspecific avian flock networks along a disturbance gradient in Amazonia. Proceedings of the Royal Society B 281:20132599.
23. Wolfe, **J. D.** and P. C. Stouffer. 2014. Variation in tropical bird survival across longitude and guilds: a case study from the Amazon. Oikos 123:964-967.
22. Wolfe, J. D. and E. I. Johnson. 2014. Searching for consensus in molt terminology 11 years Howell et al.'s "first basic problem." Auk 131:371-377

21. Johnson, E. I. and J. D. Wolfe. 2014. *Thamnophilidae* (antbird) molt strategies in a central Amazonian rainforest. *Wilson Journal of Ornithology* 126:451-462.
20. Diniz, F. C. , J. D. Wolfe, M. Anciães and P. C. Stouffer. 2014. New record of Connecticut Warbler (*Oporornis agilis*) in Central Amazonian Brazil. *Cotinga* 36:127-128.
19. Wolfe, J. D., Johnson M.D. and C.J. Ralph. 2014. Do birds select habitat or food resources? Nearctic-Neotropic Migrants in Northeastern Costa Rica. *PLOS ONE* 9: e86221.
18. Wolfe, J. D., Johnson M.D. and C.J. Ralph. 2013. Higher mass increases annual survival of wintering Prothonotary Warblers (*Protonotaria citrea*) in Northeastern Costa Rica. *Condor* 115:163-167.
17. Wolfe, J. D. et al. 2013. Annual survival of birds captured in a habitat island bordered by the urban matrix of Baton Rouge, Louisiana. *Southeastern Naturalist* 12: 492-499.
16. Johnson, E. I., D. Mooney and J. D. Wolfe. 2013. An eccentric preformative molt in Eastern Towhees. *North American Bird Bander* 38:25-27.
15. Wolfe, J. D. et al. 2012. Brown Thrasher (*toxostoma rufum*) with bill deformity captured at Bluebonnet Swamp Nature Center, Baton Rouge, Louisiana. *Journal of Louisiana Ornithology* 9:27-29
14. Johnson, E. I., J. D. Wolfe, and J. E. Hartgerink. 2012. Barred Owl consumes Sharp-Shinned hawk. *Journal of Louisiana Ornithology* 88: 21.
13. Wolfe, J. D. and P. Pyle. 2012. Progress in our understanding of molt patterns in Central American and Caribbean Landbirds. *Ornitologia Neotropical* 23:169-176.
12. Wolfe, J. D., Ryder, T. B., Pyle, P. and E. I. Johnson. 2012. Using molt and plumage cycles to age tropical birds: updates and recent advances. *Ornitologia Neotropical* 23:153-158.
11. Wolfe, J. D. and P. Pyle. 2011. First evidence for eccentric prealternate molt in the Indigo Bunting (*passerina cyanea*): possible implications for adaptive molt strategies. *Western Birds* 42:33-37
10. Johnson, E. I., J. D. Wolfe, T. B. Ryder and P. Pyle. 2011. Modifications to a molt-based ageing system proposed by Wolfe et al. (2010). 2011. *Journal of Field Ornithology*. 82:422–424.
9. Rowe, L. M. and J. D. Wolfe. 2010. Using alulas and the carpal covert to assess age in some formative and first alternative plumaged western passerines. *North American Bird Bander* 35:1-5.
8. Wolfe, J. D., Ryder, T. B. and P. Pyle. 2010. Using molt cycles to categorize the age of tropical birds: an integrative new system. *Journal of Field Ornithology*. 81:186–194.
- See awarded [best student paper](#) from Association of Field Ornithologists.
7. Wolfe, J. D. 2010. Diet of some spring migrant landbirds on the Caribbean coast of Costa Rica. *Journal of Caribbean Ornithology*. 23:130-133.
6. Wolfe, J. D. and C.J. Ralph. 2009. Correlations between the El Niño southern oscillation and Nearctic-neotropical migrant condition in Central America. *Auk*. 126:809–814.
5. Ryder, T. B. and J. D. Wolfe. 2009. The current state of knowledge on molt and plumage sequences in selected tropical families: a review. *Ornitologia Neotropical*. 20: 1–18.
4. Wolfe, J. D., P. Pyle and C.J. Ralph. 2009. Breeding seasons, molt patterns, and age and sex criteria for selected Northeastern Costa Rican resident landbirds. *Wilson Journal of Ornithology*. 121:556–567.
3. Wolfe, J. D., Chandler, R. B. and D. I. King. 2009. Molt patterns, age and sex criteria for selected highland Costa Rican landbirds. *Ornitologia Neotropical*. 22:32-35
2. Elizondo, P., C. J. Ralph, J. D. Wolfe, y A.O. Ramírez. 2009. Está la proporción de sexos de una población relacionada con el decrecimiento de la capturabilidad? *Mesoamericana* 13: 101.
1. Wolfe, J. D. and C. J. Ralph. 2008. Catorce años de anillamiento de aves en Costa Rica: una visión general del Proyecto Integral de Monitoreo de Aves de Tortuguero. *Mesoamericana* 12:171.

Manuscripts in Review (* indicates protégé author)

Lee, S., B. G. Cho, C. H. Oh, M. W. Jin, and J. D. Wolfe. 2026. Impact of Hydrological Management on the Wintering Population of White-naped Cranes (*Grus vipio*) at Junam Wetland, South Korea. In review.

Ferrer, M. M.*, K. E. Brzeski, G. Paterson, and J. D. Wolfe. 2026. Avian haemosporidian blood parasite prevalence, diversity, and distribution in Michigan's western Upper Peninsula. In review.

Oh, C., M. Jo, B. Yu, J. Lee, J. Hong, and J. D. Wolfe. 2026. Evaluation of the Detection Feasibility and Monitoring Potential of Large Wintering Waterbirds Using KOMPSAT-3/3A Satellite Imagery. In review.

Brewer, J.*, D. T. Baldassarre, E. I. Johnson, J. A. Olin, J. A. Smith, L. Granger, C. Tonra, and J. D. Wolfe. 2026. Latitudinal Variation in Feather Growth Rate Facilitates Temporal Flexibility Along the Northern Range Extent of the Northern Cardinal (*Cardinalis cardinalis*). In second review.

Teaching Experience

In addition to formal teaching experience listed below, I regularly teach bird banding, wildlife techniques, and statistical analysis courses in the USA, Latin America, and Africa.

2018 – current; Michigan Technological University

- Wildlife Habitat (evaluation available [here](#))
- Human Dimensions of Wildlife Conservation (2022; evaluation available [here](#))
- Wildlife Research Techniques (2020-2022; evaluation available [here](#))
- Ornithology (evaluation available [here](#))
- Conservation Biology (Spring 2018; evaluation available [here](#))
- Field Ornithology (Summer 2019; evaluation [here](#))

2013 – current; Bird Banding and Molt Analysis Course

- Seven courses in Brazil since 2013

2016 – 2018; Cal Poly Humboldt

- Management of Upland Habitats (evaluation available [here](#))
- Wildlife Techniques (evaluation available [here](#))
- Advanced Ornithology: molts and plumages (evaluation available [here](#))

Mentoring Experience

2026 – current	Eric Brand, MSc student (co-advised with Christopher Webster)
2026 – current	Vitória Lima Camelo, PhD student (committee member, Universidade Federal do Amazonas; advised by Cíntia Cornelius Frische)
2026 – current	Stefano Spiteri Avilla, PhD student (co-advised with Cíntia Cornelius Frische, Universidade Federal do Amazonas)
2026 – current	Catelin Greiman, undergraduate (independent research project)
2025 – current	Logan Clark, PhD student (advisor)
2024 – current	Jeremy Collings, Postdoctoral Researcher (advisor)
2024 – current	Carl Greene, PhD student (co-advisor)
2024 – current	Tanner Barnes, PhD student (advisor)
2023 – current	Mauricio Ugarte Lewis, PhD student (co-advised with Pablo Brandolín, Universidad Nacional de Río Cuarto, Argentina)
2024 – current	Virginia Halterman, PhD student (committee member, University of Delaware; advised by Jeff Buler)
2023 – current	Emilia K. Roberts, PhD student (committee member, George Mason University; advised by David Luther)
2024 – 2026	Alex Riebe, MSc student (co-advisor)
2024 – 2026	Garrett Kucharski, MSc student (co-advisor)
2024 – 2026	Ellie Resendiz, MSc student (advisor)
2025 – 2026	Eric Brand, undergraduate (independent research project)

2024 – 2025	Maggie Guinther, undergraduate (independent research project)
2023 – 2025	Jaqueline Suits, MSc student (co-advisor)
2023 – 2025	Katie Brower, MSc student (co-advisor)
2018 – 2024	Samuel Hervey, PhD student (committee member)
2022 – 2024	Jenna Brewer, MSc (advisor)
2020 – 2024	Tiffany DeGroot, PhD (co-advisor)
2020 – 2022	Maria Ferrer, MSc (co-advisor)
2020 – 2022	Seth Finkel, MSc (co-advisor)
2018 – 2022	Samuel Lopes Oliveira, PhD (co-advisor)
2018 – 2021	Breanna Gusick, MSc (advisor)
2019 – 2020	Tony Lammers, MSc (advisor)
2018 – 2020	Tori Engler, undergraduate (independent research project)
2018 – 2020	Lauren Cohen, undergraduate (independent research project)
2015 – 2021	Silvestre Esteban, undergraduate intern (Equatorial Guinea)
2019 – 2019	Douglas Tyran, MSc (committee member)
2018 – 2018	Jarrod Amundson, MSc (committee member)
2016 – 2018	Andrew Wiegardt, MSc (advisor)
2016 – 2018	Nora Papian, MSc (committee member)
2016 – 2018	Katelyn Raby, MSc (committee member)

Synergistic Activities

2026 – current	Team Member. Bird City Houghton; part of the partnership that led Houghton’s recognition as the Upper Peninsula’s first Bird City and Michigan’s first High Flyer community.
2025 – current	Associate Editor. Ornithological Applications
2024 – current	Graduate Deans Awards Advisory Committee (GDAAC). Michigan Technological University
2022 – current	Leadership Team. Midwest Migration Network.
2016 – current	Elected Member. American Ornithological Society (AOS)
2014 – current	Research Associate. Klamath Bird Observatory.
2013 – current	Co-founder and Principal Investigator. Biodiversity Initiative.
2010 – current	Co-founder and Scientific Advisor. Louisiana Bird Observatory (LABO).
2020 – 2026	American Ornithological Society Representative. North American Banding Council.
2012 – 2020	Board Member. North American Banding Council.
2024 – 2025	Transportation Committee Chair. CFRES, Michigan Technological University
2023 – 2024	Graduate Studies Committee Chair. CFRES, Michigan Technological University.
2015 – 2023	Research Associate. Wildlife Department, Cal Poly Humboldt.
2020 – 2022	Board Member. Midwest Migration Network.
2019 – 2021	Board Member. Michigan Chapter of The Wildlife Society.
2018 – 2022	Curriculum Committee Chair. Michigan Technological University.
2009 – 2022	Scientific Advisor. Costa Rica Bird Observatories.
2015 – 2017	President. Western Bird Banding Association.

Presentations and Invited Talks (* indicates protégé author)

Invited Lectures, Keynotes, and Plenaries

61. Wolfe, J. D. 2026. Dry season stress and tropical forest bird declines. Invited symposium presentation, 62nd Annual Meeting of the Association for Tropical Biology and Conservation, Xishuangbanna, China.

60. Wolfe, J. D. 2025. Navigating Bird Migration Through Artificial Light and Electromagnetic Interference. Great Lakes Aurora Dark Sky Jamboree (GLAD JAM). Keynote speaker.
59. Wolfe, J. D. 2025. Testing the Blueprint of Extinction in the Tropics. Michigan State University Evolution, Ecology, and Biology Seminar Series. Invited Speaker.
58. Wolfe, J. D. 2025. Testing the Blueprint of Extinction in the Tropics. Michigan Tech CFRES Seminar Series. Invited Speaker.
57. Wolfe, J. D. 2025. Silent Bird Declines in Pristine Tropical Forests. Michigan Tech Biology Seminar Series. Invited Speaker.
56. Wolfe, J. D. 2025. Navigating the Impact of Light Pollution on Migratory Songbirds and Pathways to Solutions. Upper Peninsula Dark Sky Festival. Invited Speaker
55. Wolfe, J. D. 2024. Navigating the Impact of Light Pollution on Migratory Songbirds. Loonapalooza Bird Festival. Invited Speaker.
54. Wolfe, J. D. 2024. Navigating the Impact of Light Pollution on Migratory Songbirds. Upper Peninsula Dark Sky Festival. Invited Speaker.
53. Wolfe, J. D. Categorizacion de la edad de las aves y WRP. 2024. Topics Avanzados el el Analisis de Muda y el Ciclo de Vida de Aves Silvestres. CORBIDI Invited Lecture.
52. Wolfe, J. D. 2023. Wanderers in our backyard: Discoveries of Bird Migration in the Great Lakes Region. Laughing Whitefish Bird Alliance. Invited Speaker.
51. Wolfe, J. D. 2023. Biodiversity in Western Forests Workshop. National Science Foundation sponsored workshop. Invited participant.
50. Wolfe, J. D. 2023. Updates to the Wolfe-Ryder-Pyle (WRP) system of universal age classification. Invited Keynote for the International Bird Observatory Conference – did not accept invitation.
49. Wolfe, J. D. 2023. Explorations in avian molt: how feather replacement shaped songbird bird coloration and behavior. Invited Keynote for the International Ornithologists' Union Annual Conference – did not accept invitation.
48. Wolfe, J. D. 2022. Virtual roundtable on the declines of avian insectivores inhabiting tropical rainforest. Invited participant, TROPBIO, CIBIO/BIOPOLIS.
47. Wolfe, J. D. 2022. Effects of climate on avian survival in the central Amazon. Invited symposium speaker, American Ornithological Society. Puerto Rico
46. Wolfe, J. D. 2021. Introduction to the WRP, a universal age classification system for birds. Invited Seminar Speaker for Western Bird Banding Association.
45. Wolfe, J. D. 2021. Using bird banding and wildlife monitoring to mechanistically understand how climate change diminished biodiversity. Invited keynote for the Western Bird Banding Association Annual Meeting.
44. Wolfe, J. D. 2019. Exploration and conservation in the country least known to science: an introduction to Equatorial Guinea. Invited lecture at Department of Biology, Michigan Technological University.
43. Wolfe, J. D. 2019. Explorations in avian molt: how feather replacement shaped songbird bird coloration and behavior. Invited lecture at George Mason University.
42. Wolfe, J. D. 2019. Explorations in avian molt: how feather replacement shaped songbird bird coloration and behavior. Invited lecture at College of Forest Resources and Environmental Science, Michigan Technological University.
41. Wolfe, J. D. and P. Elizondo. 2018. Strategic bird conservation through stakeholder participation in ecosystem service payments and carbon offsets: a case study from Costa Rica. Invited symposium speaker, The Wildlife Society.
40. Wolfe, J. D. 2018. Exploration and conservation in the country least known to science. Invited Keynote Speaker for Alabama Ornithological Society.
39. Wolfe, J. D. 2018. Exploration and conservation in the country least known to science. Invited lecture at Ohio State University.
38. Wolfe, J. D. 2018. Variation in altitudinal molt migration in western birds. Invited symposium speaker, American Ornithological Society.
37. Wolfe, J. D. 2018. Mammal monitoring at Lanphere Dunes. Invited speaker for the USFWS
36. Wolfe, J. D. 2017. Wanderers in our backyard – unraveling the mystery of bird migration in the Klamath-Siskiyou Bioregion. Invited speaker for the USDA Forest Service.

35. Wolfe, J. D. 2017. Bottom-up wildlife management and conservation: lessons from Hawaii, Africa, and the Americas. Invited speaker at the University of Hawaii at Manoa.
34. Wolfe, J. D. 2017. Assessing effects of climate and habitat change on bird populations. Invited speaker at South Dakota State University.
33. Wolfe, J. D. 2017. Wildlife ecology through extension and citizen science. Invited speaker at Louisiana State University.
32. Wolfe, J. D. 2017. Bottom-up wildlife biology: lessons from Africa and the Americas. Invited speaker at Virginia Commonwealth University.
31. Wolfe, J. D. 2016. Keynote panel discussion: "Making Ornithological History." Invited moderator, Western Bird Banding Association.
30. Wolfe, J. D., et al. 2016. Migration makes for colorful warblers. Invited speaker for Humboldt State University's Ecoseries.
29. Wolfe, J. D., et al. 2016. Effects of variation in canopy cover, habitat perturbations and climate on California Spotted Owl (*Strix occidentalis occidentalis*) demography. Invited speaker, USDA Forest Service, Washington DC.
28. Wolfe, J. D., et al. 2016. Diversity and function of inserted molts in landbirds: a tropical-temperate comparison. Invited symposium speaker, North American Ornithological Congress.
27. Wolfe, J. D. 2016. Using bird molt to inform the study and conservation of birds. Invited speaker at Universidade Federal Rio Grande do Sul, Porto Alegre, Brazil.
26. Wolfe, J. D. 2016. Conserving wildlife in the world's most diverse forests: lessons from the Amazon and Congo. Invited speaker for Humboldt State University's Ecoseries.
25. Wolfe, J. D. and P. Stouffer. 2016. Conserving Amazonian birds in-light of pervasive forest destruction. Invited speaker for the Redwood Region Audubon Society.
24. Wolfe, J. D., L. L. Powell, K. E. Elise and J. C. Cooper. 2016. Conservation in the country least known to science: an introduction to Equatorial Guinea Bird Initiative. Invited speaker for the Sequoia Park Zoo Conservation Lecture Series
23. Wolfe, J. D. and P. Stouffer. 2015. Effects of forest fragmentation and a regenerating matrix on the behavior, survival and biogeography of birds in the Amazon. Plenary for Young Professional Award, American Ornithologists Union annual meeting.
22. Wolfe, J. D. and C. J. Ralph. 2015. Birds from the Bottom-up: Combining Ancillary and Bird Capture Data to Identify Bottom-up Regulatory Processes. Invited speaker at 'Habitat Change and Neotropical Birds: Beyond Patterns' symposium, 10th Neotropical Ornithological Congress, Manaus, Brazil.
21. Wolfe, J. D. and P. Stouffer. 2015. Demographic insights from the longest operating bird banding effort in the Amazon: the Biological Dynamics of Forest Fragments Project. Invited speaker at 'Biological Dynamics of Forest Fragmentation Project' symposium, 10th Neotropical Ornithological Congress, Manaus, Brazil.
20. Wolfe, J. D. 2015. From the WBBA archives: myths, legends and gossip. Invited speaker, Western Bird Banding Association annual meeting, Vancouver, Canada.
19. Wolfe, J. D. 2015. Bird science in the country least known to science: banding adventures in Equatorial Guinea. Invited speaker, Baton Rouge Audubon Society.
18. Wolfe, J. D. 2015. Application of the W-R-P system to migrant and resident birds in Jamaica. Invited lecture, Smithsonian Migratory Bird Center.
17. Wolfe, J. D. 2015. Bird science in the country least known to science: banding adventures in Equatorial Guinea. Invited speaker for Humboldt State University's Ecoseries.
16. Wolfe, J. D. and C. J. Ralph. 2015. How climate influences avian demography through bottom-up processes. Invited speaker, US Forest Service PSW SAC – Seminar.
15. Wolfe, J. D. 2014. Exploring links between climate, food and bird demography: case studies from Hawaii and Central America. Invited speaker, Smithsonian Migratory Bird Center.
14. Wolfe, J. D. 2014. Bird science in the country least known to science: banding adventures in Equatorial Guinea. Invited speaker, Redwood Region Audubon Society.
13. Wolfe, J. D. 2014. Bird science in the country least known to science: banding adventures in Equatorial Guinea. Invited Keynote, Western Bird Banding Association annual meeting.
12. Wolfe, J. D. 2014. An Introduction to the Louisiana Bird Observatory. Invited speaker, USDA Forest Service, PSW-Arcata.

11. Wolfe, J. D. 2014. Introduction to the Louisiana Bird Observatory. Invited Keynote, New Orleans Audubon Society's annual banquet.
10. Wolfe, J. D. and C. J. Ralph. 2014. Power of multiple methods: a case study from Hawaii. Invited speaker at 'value added' symposium, American Ornithologists Union annual meeting.
9. Wolfe, J. D. 2013. Bird banding in Baton Rouge and beyond! Invited keynote, Louisiana Ornithology Society's annual banquet.
8. Wolfe, J. D. 2013. Tropical Birds Feel the Heat: How El Niño Influences Avian Demography in Central America. Invited Speaker, LSU School of Renewable Natural Resources.
7. Wolfe, J. D. and P. Pyle. 2011. Progress in our understanding of molt patterns in Neotropical landbirds. Invited speaker at 'molt' symposium, Neotropical Ornithological Congress, Cusco, Peru.
6. Ralph, C. J., J. D. Wolfe, and P. Elizondo. 2011. Bird monitoring in the era of big data. Invited plenary, Neotropical Ornithological Congress, Cusco, Peru.
5. Wolfe, J. D. 2011. Trophic cascades, fruit and migration in Central America. Invited speaker, LSU Museum of Natural Science's Ecology and Evolution Seminar.
4. Wolfe, J. D. 2010. Resultados de 15 anos de um estudo com marcação de aves: uso de habitat por migradores e cascatas tróficas. Invited speaker, Instituto Nacional de Pesquisas da Amazônia, Manaus, Brazil.
3. Wolfe, J. D. 2010. Not your Mama's molt talk, parts I and II. Invited lecture, Western Bird Banding Association annual meeting.
2. Wolfe, J. D. 2008. Heat, fruit, and the Caribbean: a migrant's response to a stochastic climate. Invited speaker, US Forest Service PSW – Arcata.
1. Wolfe, J. D. 2008. Heat, fruit, and the Caribbean: a migrant's response to a stochastic climate. Invited speaker, HSU Ecology Seminar Series.

Contributed Papers and Posters

62. Medeiros, A., C. Cornelius, S. Avilla, V. Camelo, J. D. Wolfe, and D. Luther. 2026. Restoration of tropical microclimates: Rainfall manipulation experiment in the Amazon reveals climate change impacts on animal diversity. Poster, North American Congress for Conservation and Restoration, Milwaukee, Wisconsin.
61. Medeiros, A., C. Cornelius, S. Avilla, V. Camelo, J. D. Wolfe, D. Luther. 2026. Rainfall manipulation experiment in the Amazon reveals how climate change is affecting animal diversity. European Conference of Tropical Ecology. Oral presentation.
60. Halterman, V., F. Guo, E. Cohen, J. D. Wolfe, and J. Buler. 2025. A local and regional spatial analysis of stopover exodus in the Great Lakes basin. American Ornithological Society Conference. Poster Presentation.
59. Resendiz, E., J. Buler, and J. D. Wolfe. 2025. Unravelling Drivers of Stopover Habitat Quality for Migrating Birds of the Great Lakes. American Ornithological Society Conference. Poster Presentation.
58. J. Brewer*, K. E. Brzeski, E. Johnson, D. Baldassare, J. D. Wolfe. March 2024. Latitudinal gradient in climatic stress of the Northern Cardinal, a species undergoing northward range expansion. Ecosystem Science Center Research Symposium. Poster.
57. DeGroot, T. L. *, J. D. Wolfe, L. L. Powell, F. MBA EYONO, A. EBANA, and K. E. Brzeski. 2024. Uncovering Cryptic Mammal Diversity in a Tropical Forest Using Noninvasive Survey Methods. Graduate Research Colloquium, MTU, Poster.
56. DeGroot, T. L. *, J. D. Wolfe, L. L. Powell, F. MBA EYONO, A. EBANA, and K. E. Brzeski. 2024. Uncovering Cryptic Mammal Diversity in a Tropical Forest Using Noninvasive Survey Methods. Ecosystem Science Center Student Research Forum. Poster. Merit Award.
55. Oliveira, S. L. *, D. J. Flashpoler, and J. D. Wolfe. 2023. The role of forest fragments in the conservation of Wood Thrush (*Hylocichla mustelina*) in Costa Rica. II Ornithological Congress of the Americas, Gramado, Brazil. (Poster)
54. Brewer, J. *, K. E. Brzeski, E. Johnson, D. Baldassare, J. D. Wolfe. March 2023. Latitudinal gradient in climatic stress of the Northern Cardinal, a species undergoing northward range expansion. Ecosystem Science Center Research Symposium. Oral Presentation.
53. Brewer, J. *, K. E. Brzeski, E. Johnson, D. Baldassare, J. D. Wolfe. March 2023. Latitudinal gradient in climatic stress of the Northern Cardinal, a species undergoing northward range expansion. American Ornithological Society Conference. Oral Presentation.

52. DeGroot, T. L.*, J. D. Wolfe, L. L. Powell, F. MBA EYONO, A. EBANA, and K. E. Brzeski. 2023. Cameras or carrion flies? A comparison of camera trapping and DNA metabarcoding for the detection of mammal diversity in a tropical forest. The Wildlife Society Annual Conference, Oral Presentation.
51. Engler T. M.*, J. D. Wolfe, Y. L. Dickinson, and A. J. Schrank. 2022. Impacts of Silvicultural Treatments on *Plethodon cinereus* Relative Abundance in a Michigan Northern Hardwood Forest. NEPARC Conference. West Virginia.
50. DeGroot, T. L.*, J. D. Wolfe, L. L. Powell, C. Barrientos, L. Torrent, and K. E. Brzeski. 2022. Human-Mediated Impacts on Mammals in Rio Campo Nature Reserve, Equatorial Guinea. The Wildlife Society Annual Conference, Poster.
49. DeGroot, T. L.*, J. D. Wolfe, L. L. Powell, F. MBA EYONO, A. EBANA C. Barrientos, L. Torrent, and K. E. Brzeski. 2022. Where are the mammals? Assessing diversity, distribution, and drivers of mammal presence in a central African protected area. Michigan Technological University Graduate Research Colloquium, Oral Presentation.
48. Brewer, J.*, K. E. Brzeski, and J. D. Wolfe. October 2022. Latitudinal gradient in climatic stress of the Northern Cardinal, a species undergoing northward range expansion. National Wildlife Society Conference. Poster Presentation.
47. Brewer, J.*, K. E. Brzeski, and J. D. Wolfe. March 2022. Northern Cardinal's range expansion as a result of supplementary feeding. Ecosystem Science Center Research Symposium. Poster Presentation.
46. Brewer, J.*, K. E. Brzeski, and J. D. Wolfe. November 2021. Northern Cardinal's range expansion as a result of supplementary feeding. National Wildlife Society Conference. Poster Presentation.
45. Oliveira, S. L. *, D. J. Flashpoler, J. D. Wolfe, and L. K. Jessie 2021. Migratory bird use of oil palm (*Elaies guineensis*) plantations in Tabasco, Mexico. Western Bird Banding Association Annual Meeting.
44. DeGroot, T. L.*, J. D. Wolfe, L. L. Powell, F. MBA EYONO, A. EBANA C. Barrientos, L. Torrent, and K. E. Brzeski. 2021. Rio Campo's Mammals: An Assessment of Mammalian Diversity and Distribution in a Central African Protected Area. The Wildlife Society Annual Conference, Oral Presentation.
43. Engler T. M.*, J. D. Wolfe, Y. L. Dickinson, and A. J. Schrank. 2021. Impacts of Silvicultural Treatments on *Plethodon cinereus* Relative Abundance in a Michigan Northern Hardwood Forest. Midwest Fish and Wildlife. Virtual Conference.
42. Gusick, B.*, K. B. Brzeski, Y. Dickinson, Y., and J. D. Wolfe. 2021. February. Effects of different silvicultural treatments on small mammal diversity in northern hardwoods. Virtual oral presentation at the 81st Midwest Fish and Wildlife Virtual Conference.
41. Gusick, B.*, K. B. Brzeski, Y. Dickinson, Y., and J. D. Wolfe. 2021. Effects of different silvicultural treatments on small mammal diversity in northern hardwoods. Virtual oral presentation at the 2021 Michigan Chapter of TWS Virtual Annual Meeting.
40. Gusick, B.*, K. B. Brzeski, Y. Dickinson, Y., and J. D. Wolfe. 2021. Small mammals in northern hardwoods: How differing silviculture methods across Michigan's Upper Peninsula affect diversity. Virtual oral presentation at the annual meeting of The Wildlife Society.
39. Wolfe, J. D. 2021. Identifying Drivers of Avian Demographics: Effects of Climate and Forest Structure on Songbird Survival and Breeding Seasonality in Northern California and Southern Oregon. The Wildlife Society National Conference.
38. Wolfe, J. D. 2021. Disentangling effects of dissimilar silviculture practices on wildlife communities in northern Michigan. Northern Hardwood Conference.
37. Wolfe, J. D. 2020. Disentangling effects of dissimilar silviculture practices on wildlife communities in northern Michigan. Northern Hardwood Conference. Canceled due to COVID-19.
36. Gusick, B.*, K. B. Brzeski, Y. Dickinson, Y., and J. D. Wolfe. 2020. Evaluating the role of different timber harvest practices on structuring small mammal communities in northern Michigan. Oral presentation at the annual conference of the Michigan Chapter of The Wildlife Society, Bellaire, MI. Canceled due to COVID-19.
35. Gusick, B.*, K. B. Brzeski, Y. Dickinson, Y., and J. D. Wolfe. 2020. Evaluating the role of different timber harvest practices on structuring small mammal communities in northern Michigan. Oral presentation at the annual Graduate Research Colloquium, Houghton, MI. Canceled due to COVID-19.
34. Wolfe, J. D. 2020. Response of small mammal and amphibian communities to dissimilar timber harvest practices in a northern hardwood forest. Michigan Chapter of The Wildlife Society. Canceled due to COVID-19.
33. Oliveira, S. L. *, D. J. Flashpoler, J. D. Wolfe, and L. K. Jessie. 2020. Migratory bird use of oil palm (*Elaies guineensis*) plantations in Tabasco, Mexico. Oral presentation at VII North American Ornithological Conference, Puerto Rico.

32. Oliveira, S. L. *, D. J. Flashpoler, and J. D. Wolfe. 2019. Uso de plantaciones de palma de aceite (*Elaeis guineensis*) por aves migratorias en Tabasco, Mexico. Oral presentation at IV Simposio tabasqueño de agroecología. Villahermosa, Mexico.
31. Gusick, B. *, K. B. Brzeski, Y. Dickinson, Y., and J. D. Wolfe. 2019. Effects of different silviculture treatments on small mammal diversity in northern hardwoods. Oral presentation at the annual meeting of The Wildlife Society, Reno, NV.
30. Wolfe, J. D. 2019. Assessing Effects of Climate and Habitat Change on the Breeding Phenology of Songbirds. The Wildlife Society National Conference.
29. Engler T. M. *, J. D. Wolfe, Y. L. Dickinson, and A. J. Schrank. 2019. Impacts of Silvicultural Treatments on *Plethodon cinereus* Relative Abundance in a Michigan Northern Hardwood Forest. The Wildlife Society National Conference. Reno, Nevada.
28. Wolfe, J. D. 2017. Tropical Bird Molt: Adaptation to New Ecological Roles. Western Bird Banding Association.
27. Wolfe, J. D., et al. 2016. Diversity and function of inserted molts in landbirds: a tropical-temperate comparison. Western Bird Banding Association.
26. Wolfe, J. D., et al. 2016. Effects of variation in canopy cover, habitat perturbations and climate on California Spotted Owl (*Strix occidentalis occidentalis*) demography. North American Ornithological Congress.
25. Wolfe, J. D. 2016 Using long-term bird capture data to identify climate change winners and losers. Early professional mini-symposium talk, North American Ornithological Congress.
24. Johnson, E. I., Percy, K. and J. D. Wolfe. 2015. Understanding habitat fragments to achieve life cycle conservation in Prothonotary Warblers. Southeast Partners in Flight Annual Meeting in Lafayette, Louisiana.
23. Wolfe, J. D. and K. Mokross. 2015. Nets and network theory: using banding data and network theory to measure bird behavior and interactions. Presenter, Western Bird Banding Association annual meeting, Vancouver, Canada.
22. Ralph, C. J. and J. D. Wolfe. 2015. Birds from the Bottom-up: Combining Ancillary and Bird Capture Data to Identify Bottom-up Regulatory Processes. Western Bird Banding Association annual meeting, Vancouver, Canada.
21. Jackson, A., J. D. Wolfe, E. I. Johnson and C. Eagles-Smith. 2015. Blood mercury concentration in songbirds varies considerably throughout the annual cycle. Society of Environmental Toxicology and Chemistry annual meeting.
20. Wolfe, J. D., J. Alexander and J. Stephens. 2015. Using informed diversity estimates to assess differences in bird communities at local and regional scales in the Klamath-Siskiyou Bioregion. Presenter, Oregon section of the Wildlife Society annual meeting.
19. Wolfe, J. D., J. Alexander and J. Stephens. 2015 Using informed diversity estimates to assess differences in bird communities at local and regional scales in the Klamath-Siskiyou Bioregion. Presenter, North Coast section of the Wildlife Society annual meeting.
18. Powell, L. L., J. D. Wolfe and J. C. Cooper. 2015. Do primary forest parks in Central Africa protect the rainforest bird communities better than unprotected secondary forests? An exploration, education, and ecology project from the Equatorial Guinea Bird Initiative. 27th International Congress for Conservation Biology, Montpellier, France.
17. Wolfe, J. D. and P. C. Stouffer. 2014. Influence of second growth and forest fragmentation on the behavior and demography of a central Amazonian bird community. Presenter, American Ornithologists Union annual meeting.
16. Jackson, A., Wolfe, J. D. and E. I. Johnson. 2014. Seasonal variation in blood mercury levels in Louisiana songbirds. Poster, American Ornithologists Union annual meeting.
15. Cooper, J. C., L. L. Powell and J. D. Wolfe. 2014. Equatorial Guinea Bird Initiative. Poster, American Ornithologists Union annual meeting.
14. Wolfe, J. D. and P. C. Stouffer. 2014. Influence of second growth and forest fragmentation on the behavior and demography of a central Amazonian bird community. Presenter, Association of Field Ornithology annual meeting.
13. Wolfe, J. D. 2013. Using citizen science to monitor Louisiana's bird populations: an introduction to the Bluebonnet Bird Monitoring Project. Presenter, Louisiana Professional Biologist annual meeting.
12. Wolfe, J. D. 2011. A tropical bird's dissimilar response to global climatic phenomenon in an uneven aged forest. Presenter, Neotropical Ornithological Congress, Cusco, Peru.
11. Wolfe, J. D. 2011. Using molt cycles to categorize age in Tropical birds: an integrative new system at the Neotropical Ornithological Congress 2011 in Cusco, Peru.

10. Wolfe, J. D. 2011. Gimme' shelter: a tropical bird's dissimilar response to global climatic phenomenon in an uneven aged forest. Presenter, Cooper Ornithological Society annual meeting.
9. Wolfe, J. D. and T. B. Ryder. 2011. Categorizing age in tropical birds. Poster, Cooper Ornithological Society annual meeting.
8. Wolfe, J. D. 2010. An introduction to the Bluebonnet Bird Monitoring Project. Presenter, Western Bird Banding Association annual meeting.
7. Wolfe, J. D. 2010. Results from a 16 year bird banding initiative in Northeastern Costa Rica. Presenter, Western Bird Banding Association annual meeting.
6. Wolfe, J. D. 2009. Stopover ecology in northeastern Costa Rica: migrant habitat use and dietary patterns. Presenter, American Ornithologists Union annual meeting.
5. Wolfe, J. D. 2009. An improved age classification system for resident tropical birds. Presenter, Western Bird Banding Association annual meeting.
4. Wolfe, J. D. 2008. Changes in Swainson's Thrush distribution in response to variable precipitation regimes. Presenter, California Geographical Society annual meeting.
3. Wolfe, J. D. 2008. Effects of the El Nino Southern Oscillation on the physiology of migrant birds in Central America. Presenter, American Ornithologists Union annual meeting.
2. Wolfe, J. D. and T. B. Ryder. 2011. Categorizing age through molt cycles in resident tropical birds. Poster, American Ornithologists Union annual meeting.
1. Wolfe, J. D. 2007. Birds of the Teshepuk Special Area, North Slope, Alaska. Klamath Bird Observatory annual meeting.

Public Talks and Podcasts

4. J. D. Wolfe. 2026. Migration makes beautiful birds. Science on Tap. Keynote speaker.
3. Wolfe, J. D. 2024. "Locked in my Office" podcast, with Dr. Shane Oberloier (MTU Computer and Electrical Engineering). Invited guest and invited cohost. <https://www.youtube.com/@LIMOatMTU>
2. Wolfe, J. D. 2023. "Locked in my Office" podcast, with Dr. Shane Oberloier (MTU Computer and Electrical Engineering). Invited guest and invited cohost. <https://www.youtube.com/@LIMOatMTU>
1. Wolfe, J. D. and E. I. Johnson. 2021. Songbird molt and color evolution: a Husky Bites Podcast. Invited podcast guest, HuskyBites.

Non-Peer Reviewed Publications

In addition to active professional blog (available [here](#)), I regularly post guest blogs (example from Klamath Bird Observatory [here](#)), and have published over 30 non-peer reviewed articles in Birding Magazine, EcoNews, Journal of Louisiana Ornithology, MesoAmerica, LaMNA Newsletter, Klamath Bird Observatory Newsletter, quarterly columns in Baton Rouge Audubon Society's Barred Owl, Costa Rica Bird Observatories Annual Reports, and Louisiana Bird Observatories Annual Reports.

Public Scholarship and Media Coverage

2026. [Science Magazine](#) published a feature article on enigmatic bird declines and our irrigation experiment in Brazil.
2025. [Inside Climate News](#) interviewed Jared about light pollution's effects on migratory birds and the importance of Dark Sky Parks.
2025. [Capital News Service](#) interviewed Jared about the "forest-to-table" movement in Michigan.
2025. Multiple outlets, including [The Guardian](#), [Mongabay](#), and [Living Bird](#), covered our research published in Science Advances linking climate change to bird declines in the Amazon.
2025. [Great Lakes Echo](#) interviewed Jared about Michigan's efforts in bridging forest management with traditional practices, allowing hunting, foraging, and medicinal gathering on public lands.
2024. [mLive](#) interviewed Jared about his collaborative efforts to protect Michigan's bats through hibernacula cooling experiments.
2024. An article in [Living Bird](#) interviewed Jared about the alarming declines in tropical bird populations, with a focus on Amazonian species and the role of climate change and habitat disruptions.

2024. Our collaborative hibernacula experiment focused on conditions that help bats survive white-nose syndrome was featured in a recent news article on [mlive](#).
2024. Multiple media outlets covered our ongoing and collaborative citizen science tick monitoring project, including [Television 6](#), and [Tech Magazine](#).
2024. [USFS news article](#) covered our collaborative research on using culturally significant birds to guide prescribed burning practices.
2023. Multiple media outlets covered the launching of our collaborative citizen science tick monitoring project, including [Bridge Michigan](#), [Keweenaw Report](#), and [Television 6](#).
2023. USDA Forest Service highlighted our collaborative research on using culturally significant birds to guide prescribed burning practices in a [press release](#) and a news article in the [Klamath Fall News](#).
2021. Numerous media outlets, including the [Guardian](#), highlighted our collaborative research focused on the long term [declines of Amazonian birds](#). This research was based on 40 years of bird banding efforts at the Biological Dynamics of Forest Fragmentation Project in the Brazilian Amazon.
2020. Michigan Technological University featured an unscripted interview and photo essay detailing Jared Wolfe's molt and plumage research.
2020. NPR's Science Friday featured Jared Wolfe's recent research focused on the evolution of avian molts and plumages during their "news roundup".
2020. Various media outlets covered Jared Wolfe's molt and plumage research, including Earth News, TD News, and Surfbirds.
2020. Michigan Technological University featured bird banding and Jared Wolfe in a short informational [video](#).
2019. The Daily [Mining Gazette](#) covered interviewed Jared Wolfe about his new bird banding station at the Ford Center and Forest in Alberta, MI.
2019. [Washington Post](#) interviewed Jared Wolfe for their story "Songbird migration study finds a tiny, vulnerable winter range".
2019. The [Wildlife Society](#) included "Molt in Neotropical birds: Life History and Aging Criteria" on its shortlist for best wildlife books of 2019.
2018. Peter Pyle provided the [Journal of Field Ornithology](#) a review of "Molt in Neotropical Birds: Natural history and Age Criteria"
2017. USDA [Forest Service](#) Press Release. Summarized published findings detailing investigations of climate, food and birds in Hawaii.
2017. [Hawaii Tribune Herald](#) article and interview detailing our Hawaii research.
2017. [Wildlife Society](#) article and interview detailing our Hawaii research.
2017. [Eureka Times Standard](#). News story about California Condor feasibility analysis.
2017. [American Ornithological Society](#) blogpost about California Condor feasibility analysis.
2017. [ABC News](#). Photo essay from 2016 expedition in Equatorial Guinea was featured on their website.
2016. [Audubon Magazine](#) July-August issue featuring in-depth coverage of expedition in Equatorial Guinea.
2016. KHSU interview. Interview for "KHSU Homepage" with Katie Whiteside covering ongoing research in central Africa.
2015. [Wildlife Professional Magazine](#). Interview for "Where Do You Go, Little Warbler, When It Snows?" Article detailing Prothonotary Warbler migratory connectivity research.
2015. [Mongabay](#). Article detailing technology used to measure connectivity of Prothonotary Warblers in Louisiana and Central America.
2015. [USDA Forest Service](#) Press Release. Summarized published findings detailing Prothonotary Warbler migration connectivity.
2015. [Audubon Magazine](#). "New Research Details Warblers' Mystery Treks. No one knew exactly where Prothonotary Warblers went for the winter—until now." Article detailing on-going Prothonotary Warbler research.
2015. [National Audubon](#) Press Release. Summarized publication documenting Prothonotary Warbler migratory connectivity using geolocators.
2015. [Teletica, canal 7](#) (channel 7, Costa Rica). Costa Rica television news story detailing results from our study on the effects of habitat and climate change on White-collared Manakins.

2015. [La Nación](#). Costa Rica newspaper story detailing results from our study on the effects of habitat and climate change on White-collared Manakins
2015. [USDA Forest Service](#) Press Release. Summarized published findings detailing synergistic effects of habitat degradation and climatic shifts on avian survival.
2014. [PBS](#) Equatorial Guinea talk. Aired on KEET.
2014. KHUM Radio Interview. Lengthy interview regarding on-going bird research, climate change, local conservation efforts, and NGOs.
2014. [Audubon Magazine](#). “Band Leader: Louisiana Bird Observatory’s Founder on Why Bird Banding Matters” interviewed regarding the founding of Louisiana Bird Observatory.
2014. [Costa Rica Hoy](#) (newspaper, Costa Rica). “Estudio revela detalles inéditos de las aves migratorias que viajan del norte hacia Costa Rica” article covering findings from Wolfe et al. 2014’s PLOS ONE publication.
2013. [Teletica, canal 7](#) (channel 7, Costa Rica). “+QN lo lleva al corazón de la selva en el Amazonas” interviewed regarding the Amazon Forest, and the Amazon Bird Banding Course for Costa Rica Primetime News.
2012. [The Advocate](#) (newspaper, Baton Rouge). **“Author’s talk at LSU to focus on psychology of bird identification” interviewed regarding David Sibley’s upcoming presentation in Baton Rouge.**
2011. [The Advocate](#) (newspaper, Baton Rouge). “Baton Rouge Premiere of Ghost Bird” interviewed regarding Ivory-billed Woodpecker documentary premiere in Baton Rouge.

Prior Research and Field Experience

2014 – 2015	Postdoctoral Fellow in Community Ecology, Klamath Bird Observatory
2010 – 2014	McIntire-Stennis Fellow, PhD research Louisiana State University
2012	Supervisory Biologist, Kenya coffee farm project
2008 – 2010	Supervisory Biologist, USDA Forest Service
2006 – 2007	Field Biologist, Coffee farms and Golden-winged Warblers in Costa Rica
2006 – 2007	Field Supervisor, Point Blue Conservation Science
2006	Field Biologist, Farallon Islands, California
2005 -2006	Field Biologist, Manakin behavior project, Tiputini, Ecuador
2005	Field Biologist, Wildlife Conservation Society, North Slope, Alaska
2004	Supervisory Biologist, Prince of Wales Island, Southeast Alaska
2003 – 2004	Field Biologist, altitudinal migration project, Costa Rica
2003	Field Biologist, mammal trapping in Sierra Nevada
2003	Field Biologist, nest searching in Sierra Nevada
2001 – 2003	Wildlife Consultant, LBJ Enterprises
1999 – 2002	Field Biologist, mammal trapping at Sutter Buttes
1999 – 2002	Field Biologist, insect collecting in Southwestern USA
1998 – 2000	Biological Technician, California EPA

Journal and Grant Reviewing

Animal Behaviour, Auk: Ornithological Advances, Behaviour, Biodiversity and Conservation, Biological Conservation, Biological Journal of the Linnean Society, Bird Conservation International, Canadian Journal of Zoology, Condor: Ornithological Applications, Diversity, Ecography, Ecology, Ecology and Evolution, Ecological Restoration, Forest Ecology and Management, Global Ecology and Biogeography, Ibis, Integrative and Comparative Biology, Journal of Community Ecology, Journal of Environmental Management, Journal of Field Ornithology, Journal of Mountain Science, Journal of Tropical Ecology, Journal of Wildlife Management, National Geographic Society (grant reviewer), National Science Foundation (grant reviewer), Nature Sustainability, Natureza and Conservação, Ornitologia Neotropical, Ornithology Research, PeerJ, Proceedings of the Royal Society B: Biological Sciences, North American Bird Bander, Science of the Total Environment, Scientific Reports, Southeastern Naturalist, Wildlife Biology, Wilson Journal of Ornithology, US-Israel Binational Science Foundation (grant reviewer), Zoological Research.

Professional Memberships

American Ornithological Society 2016 – current (Elective member)
American Association for the Advancement of Science (AAAS), 2011 – 2020
Association of Field Ornithologists, 2009 – 2022
Baton Rouge Audubon Society, 2010 – 2014 (past-board member)
Ecological Society of America (ESA), 2015 – current
Redwood Region Audubon Society, 2014 – 2016 (past-board member)
Sociedad de Ornitología Neotropical, 2008 – 2013
Western Bird Banding Association, 2007 – 2020 (past-president)
Wilson Ornithological Society, 2009 – 2020
The Wildlife Society, 2018 – 2020 (past MI-TWS board member)

References

Dr. Philip Stouffer, Louisiana State University
email: pstouffer@lsu.edu phone: (225) 578-4221

Dr. C. John Ralph, USDA Forest Service
email: cjralph@humboldt1.com phone: (707) 499-9707

Dr. Matthew Johnson, Humboldt State University
email: mdj6@humboldt.edu phone: (707) 826-3218