

Jared D. Wolfe

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Current Position

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

Previous Position

Research Faculty, Humboldt State University
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, Humboldt State University, Advisor: Dr. Matthew D. Johnson
2000 – 2006	BSc, Humboldt State University, Advisor: Dr. Matthew D. Johnson

Current Research

In our rapidly changing world, the integration of wildlife conservation into sustainable forest stewardship represents an important, yet daunting challenge. To identify those species and communities in need of conservation action, I study the response of temperate and tropical forest-dwelling wildlife to environmental change through experimentation and long-term monitoring, and demographic modeling. In addition to applied wildlife conservation and management, I study bird molt, an understudied yet critical phase of the avian lifecycle. Specifically, I assess how selective pressures influenced avian molt strategies in temperate and tropical systems.

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](#))
- Ornithology (evaluation available [here](#))

- Conservation Biology (evaluation available [here](#))
- Field Ornithology (Summer 2019; evaluation available [here](#))
- Wildlife Techniques (Fall 2021)
- Human Dimensions of Wildlife Conservation (Spring 2021)

2016 – 2018 Humboldt State University

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

Mentoring Experience

2020 – current	Tiffany DeGroot, PhD student (co-advisor)
2020 – current	Seth Finkel, MSc student (co-advisor)
2020 – current	Jake DeVries, undergraduate (independent research project)
2019 – current	Tony Lammers, MSc student (advisor)
2018 – current	Samuel Lopes Oliveira, PhD student (co-advisor)
2018 – current	Breanna Gusick, MSc student (advisor)
2015 – current	Silvestre Esteban, undergraduate intern (Equatorial Guinea)
2018 – 2020	Tori Engler, undergraduate (independent research project)
2018 – 2020	Lauren Cohen, undergraduate (independent research project)
2019 – 2019	Douglas Tyran, MSc student (committee member)
2018 – 2018	Jarrod Amundson, MSc student (committee member)
2016 – 2018	Andrew Wiegardt, MSc student (advisor)
2016 – 2018	Nora Papian, MSc student (committee member)
2016 – 2018	Katelyn Raby, student MSc (committee member)

Synergistic Activities

2016 – current	Elected Member. American Ornithological Society (AOS)
2016 – current	Research Associate. Wildlife Department, Humboldt State University. www2.humboldt.edu/wildlife/
2014 – current	Research Associate. Klamath Bird Observatory. www.klamathbird.org
2013 – current	Co-founder & Principal Investigator. Biodiversity Initiative. Conservation science and capacity building in Equatorial Guinea, central Africa. www.biodiversityinitiative.org
2010 – current	Co-founder & Scientific Advisor. Louisiana Bird Observatory (LABO). LABO is a full lifecycle bird monitoring effort operating multiple sites throughout Louisiana. www.braudubon.org/lab0 .
2009 – current	Scientific Advisor. Costa Rica Bird Observatories. National banding schema, national bird-band dissemination and umbrella organization of banding initiatives in Costa Rica. www.costaricabird.org .
2018 – current	Curriculum Committee Member. Michigan Technological University, School of Forest Resources and Environmental Science.

- 2012 – current **Board Member.** North American Banding Council.
<http://www.nabanding.net/>
- 2020 – current **Board Member.** Midwest Migration Network.
- 2020 – current **Board Member.** Michigan Chapter of The Wildlife Society.
- 2015 – 2017 **President.** Western Bird Banding Association.
www.westernbirdbanding.org/

Prior Research & 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 & 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

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. 2020. 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, *in press*.

Wolfe, J. D. 2020. 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, *in press*.

Peer Reviewed Publications (indicates protégé author)*

54. Terrill, R. S., Y. Fong, **J. D. Wolfe**, and A. J. Zellmer. 2020. Threshold models improve estimates of molt parameters in datasets with small sample sizes. *In review*.

53. 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. 2020. Bird communities in African cocoa are diverse but lack specialized forest insectivores. *In review*.
52. Miller, S. J.*, J. Wiethase*, A. Etingue*, E. Franklin, M. F. Mene, **J. D. Wolfe**, M. K. Gonder and L. Powell. 2020. The impact of new road construction on a pristine Afrotropical mountain: A case study using avian communities on Bioko Island, Equatorial Guinea. *In review*.
51. 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? *In review*.
50. 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). *In review*.
49. **Wolfe, J. D.**, R. S. Terrill, E. I. Johnson, L. L. Powell and T. B. Ryder. 2020. Neotropical bird molt: introduction to variation and adaptation. *In review*.
48. Albert, S., **J. D. Wolfe**, J. Kellerman, T. Sherry, and B. Stutchbury. 2020. Importance of Tropical Habitats to Nearctic-Neotropical Migrant Birds. *In review*.
47. 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. 2020. Long-term bird community change in undisturbed Amazonian rainforest: Pervasive abundance declines and a shifting baseline. *In review*.
46. **Wolfe, J. D.**, K. E. Brzeski, C. West, G. M. Jarvi, T. Williams*, K. Barnes and S. Beesley. 2020. Feral cattle monitoring in Northern California: first steps towards removal and habitat restoration. *In review*.
45. 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. In *press*.
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 official [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-Neotropical 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. *Ornithologia 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.

Presented Papers, Keynotes, Plenaries, & Invited Lectures

75. Wolfe, J. D. 2020. Disentangling effects of dissimilar silviculture practices on wildlife communities in northern Michigan. Northern Hardwood Conference. *Canceled due to COVID-19*.
74. 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*.
73. Wolfe, J. D. 2019. Assessing Effects of Climate and Habitat Change on the Breeding Phenology of Songbirds. The Wildlife Society National Conference.

72. 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.
71. Wolfe, J. D. 2019. Explorations in avian molt: how feather replacement shaped songbird bird coloration and behavior. Invited lecture at George Mason University.
70. 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.
69. 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.
68. Wolfe, J. D. 2018. Exploration and conservation in the country least known to science. Invited Keynote Speaker for Alabama Ornithological Society.
67. Wolfe, J. D. 2018. Exploration and conservation in the country least known to science. Invited lecture at Ohio State University.
66. Wolfe, J. D. 2018. Variation in altitudinal molt migration in western birds. Invited symposium speaker, American Ornithological Society.
65. Wolfe, J. D. 2018. Mammal monitoring at Lanphere Dunes. Invited speaker for the USFWS
64. 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.
63. 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.
62. Wolfe, J. D. 2017. Assessing effects of climate & habitat change on bird populations. Invited speaker at South Dakota State University.
61. Wolfe, J. D. 2017. Wildlife ecology through extension & citizen science. Invited speaker at Louisiana State University.
60. Wolfe, J. D. 2017. Bottom-up wildlife biology: lessons from Africa and the Americas. Invited speaker at Virginia Commonwealth University.
59. Wolfe, J. D. 2017. Tropical Bird Molt: Adaptation to New Ecological Roles. Western Bird Banding Association.

58. Wolfe, J. D. 2016. Keynote panel discussion: "Making Ornithological History." Invited moderator, Western Bird Banding Association.
57. Wolfe, J. D., et al. 2016. Diversity and function of inserted molts in landbirds: a tropical-temperate comparison. Western Bird Banding Association.
56. Wolfe, J. D., et al. 2016. Migration makes for colorful warblers. Invited speaker for Humboldt State University's Ecoseries.
55. 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.
54. 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.
53. 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.
52. 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.
51. 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.
50. 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.
49. Wolfe, J. D. and P. Stouffer. 2016. Conserving Amazonian birds in-light of pervasive forest destruction. Invited speaker for the Redwood Region Audubon Society.
48. 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
47. 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.
46. 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.

45. Wolfe, J. D. and C. J. Ralph. 2015. Birds from the Bottom-up: Combing 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.
44. 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.
43. 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.
42. Ralph, C. J. and J. D. Wolfe. 2015. Birds from the Bottom-up: Combing Ancillary and Bird Capture Data to Identify Bottom-up Regulatory Processes. Western Bird Banding Association annual meeting, Vancouver, Canada.
41. Wolfe, J. D. 2015. From the WBBA archives: myths, legends and gossip. Invited speaker, Western Bird Banding Association annual meeting, Vancouver, Canada.
40. 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.
39. 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.
38. 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.
37. 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.
36. Wolfe, J. D. 2015. Bird science in the country least known to science: banding adventures in Equatorial Guinea. Invited speaker, Baton Rouge Audubon Society.
35. Wolfe, J. D. 2015. Application of the W-R-P system to migrant and resident birds in Jamaica. Invited lecture, Smithsonian Migratory Bird Center.

34. 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.
33. 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.
32. 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.
31. Wolfe, J. D. 2014. Bird science in the country least known to science: banding adventures in Equatorial Guinea. Invited speaker, Redwood Region Audubon Society.
30. 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.
29. Wolfe, J. D. 2014. An Introduction to the Louisiana Bird Observatory. Invited speaker, USDA Forest Service, PSW-Arcata.
28. Wolfe, J. D. 2014. Introduction to the Louisiana Bird Observatory. Invited Keynote, New Orleans Audubon Society's annual banquet.
27. Wolfe, J. D. and P. C. Stouffer. 2014. Influence of second growth & forest fragmentation on the behavior & demography of a central Amazonian bird community. Presenter, American Ornithologists Union annual meeting.
26. 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.
25. Jackson, A., J. D. Wolfe and E. I. Johnson. 2014. Seasonal variation in blood mercury levels in Louisiana songbirds. Poster, American Ornithologists Union annual meeting.
24. Cooper, J. C., L. L. Powell and J. D. Wolfe. 2014. Equatorial Guinea Bird Initiative. Poster, American Ornithologists Union annual meeting.
23. Wolfe, J. D. and P. C. Stouffer. 2014. Influence of second growth & forest fragmentation on the behavior and demography of a central Amazonian bird community. Presenter, Association of Field Ornithology annual meeting.
22. Wolfe, J. D. 2013. Bird banding in Baton Rouge and beyond! Invited keynote, Louisiana Ornithology Society's annual banquet.

21. 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.
20. 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.
19. 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.
18. 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.
17. 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.
16. 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.
15. 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.
14. Wolfe, J. D. and T. B. Ryder. 2011. Categorizing age in tropical birds. Poster, Cooper Ornithological Society annual meeting.
13. Wolfe, J. D. 2011. Trophic cascades, fruit and migration in Central America. Invited speaker, LSU Museum of Natural Science's Ecology and Evolution Seminar.
12. 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.
11. Wolfe, J. D. 2010. Not your Mama's molt talk, parts I and II. Invited lecture, Western Bird Banding Association annual meeting.
10. Wolfe, J. D. 2010. An introduction to the Bluebonnet Bird Monitoring Project. Presenter, Western Bird Banding Association annual meeting.
9. Wolfe, J. D. 2010. Results from a 16 year bird banding initiative in Northeastern Costa Rica. Presenter, Western Bird Banding Association annual meeting.
8. Wolfe, J. D. 2009. Stopover ecology in northeastern Costa Rica: migrant habitat use and dietary patterns. Presenter, American Ornithologists Union annual meeting.

7. Wolfe, J. D. 2009. An improved age classification system for resident tropical birds. Presenter, Western Bird Banding Association annual meeting.
6. Wolfe, J. D. 2008. Changes in Swainson's Thrush distribution in response to variable precipitation regimes. Presenter, California Geographical Society annual meeting.
5. 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.
4. Wolfe, J. D. and T. B. Ryder. 2011. Categorizing age through molt cycles in resident tropical birds. Poster, American Ornithologists Union annual meeting.
3. Wolfe, J. D. 2008. Heat, fruit, and the Caribbean: a migrant's response to a stochastic climate. Invited speaker, US Forest Service PSW – Arcata.
2. Wolfe, J. D. 2008. Heat, fruit, and the Caribbean: a migrant's response to a stochastic climate. Invited speaker, HSU Ecology Seminar Series.
1. Wolfe, J. D. 2007. Birds of the Teshepuk Special Area, North Slope, Alaska. Klamath Bird Observatory annual meeting.

Non-Peer Reviewed Publications

In addition to active professional blog (available [here](#)), I regularly post guest blogs (example from Klamath Bird Observatory [here](#)), and authored book reviews for the Journal of Field Ornithology, 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.

Popular Media Coverage

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 Nacion](#). 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.

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.

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.

Grants, Fund Raising, Scholarships And Fellowships

2020	NSF LTREB, PI, \$1,200,000 <i>in review</i>
2020	USFWS Great Ape Fund, co-PI, \$700,000 <i>in prep (submission May 2020)</i>
2020	Private donation for Africa work, co-PI, \$45,000
2019	U.S. Department of State/Justice \$6,100,000, co-PI, <i>in review</i>
2019	USFWS Neotropical Migratory Bird Conservation Act, co-PI, \$170,000
2019	MTU Research Excellence Fund, PI, \$26,262
2019	Darwin Initiative, Round I, co-PI, \$180,810 <i>rejected, in prep for resubmission</i>
2019	UFWS Africa Capacity Building, co-PI, \$700,000 <i>rejected, in prep for resubmission</i>
2018	Martin Jurgensen Teaching Development Award, PI, \$4,224.00
2018	Hammer's Endowed Field Equipment Fund, PI, \$9,048.52
2017	Donations from Silicon Valley consortium, PI, \$50,000
2016	USFWS Wildlife Without Borders, co-PI, \$50,000
2016	USFWS Neotropical Migratory Bird Conservation Act, co-PI, \$150,000
2016	USFS Pacific Southwest Research Station (bird networks), PI, \$52,500
2016	USFS Pacific Southwest Research Station (spotted owl IBM), PI, \$74,100
2016	Hess Corporation, co-PI, \$5,000
2015	USFS Postdoctoral Fellowship, PI, \$200,000
2015	Stone Hill Education, co-PI, \$5,000
2014	Klamath Bird Observatory Postdoctoral Fellowship, PI, \$150,000

2014 National Geographic Waitt Grants, co-PI, \$12,000
 2014 Noble Energy, co-PI, \$10,000
 2014 Kickstarter Crowd Sourcing Campaign, PI, \$20,000
 2014 Association of Field Biologists Travel Award, PI, \$800
 2014 McIntire-Stennis Forestry Fellowship, PI, \$20,000
 2013 Microryza Crowd Sourcing Campaign, PI, \$2,000
 2013 Rockefeller LSU Scholarship, PI, \$2,500
 2013 National Audubon Society Conference Scholarship, PI, \$1,000
 2013 Manomet Center for Conservation: Kathleen S. Anderson Award, PI, \$2,500
 2013 McIntire-Stennis Forestry Fellowship, PI, \$20,000
 2012 Rockefeller LSU Scholarship, PI, \$5,000
 2012 American Ornithologists Union (AOU) Research Award, PI, \$2,500
 2012 Louisiana Environmental Education Commission Research Grant, PI, \$1,500
 2012 Eastern Bird Banding Association Research Award, PI, \$1,000
 2012 McIntire-Stennis Forestry Fellowship, PI, \$20,000
 2011 Western Bird Banding Association Research Award, PI, \$1,000
 2011 McIntire-Stennis Forestry Fellowship, PI, \$20,000
 2010 Western Bird Banding Association's Research Grant, PI, \$1,000
 2010 Cooper Ornithological Society Student Travel Award, PI, \$500
 2010 McIntire-Stennis Forestry Fellowship, PI, \$20,000
 2008 Stanley Harris Wildlife Scholarship, PI, \$2,500
 2007 USFWS Richard J. Guadagno Scholarship, PI, \$2,500
 2007 American Ornithologist Union Student Travel Award, PI, \$500

Professional & Academic Recognition

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

Journal Referee & Grant Reviewer

Animal Behaviour, Auk: Ornithological Advances, Biodiversity and Conservation, Biological Conservation, Biological Journal of the Linnean Society, Bird Conservation International, Canadian Journal of Zoology, Condor: Ornithological Applications, Ecography, Ecology, Ecological Restoration, Forest Ecology and Management, Global Ecology and Biogeography, Ibis, Journal of Community Ecology, 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), Natureza & Conservação, Ornitologia Neotropical, PeerJ, Proceedings of the Royal Society B: Biological Sciences, North American Bird Bander, Science of the Total Environment, Southeastern Naturalist, Wilson Journal of Ornithology, US-Israel Binational Science Foundation (grant reviewer).

Organizational Membership

American Ornithological Society 2007 – current (Elective member)
American Association for the Advancement of Science (AAAS), 2011 – current
Association of Field Ornithologists, 2009 – current
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 Ornitologia Neotropical, 2008 – 2013
Western Bird Banding Association, 2007 – current (past-president)
Wilson Ornithological Society, 2009 – current
The Wildlife Society, 2018 – current (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