

Curriculum vitae for **JARED D. WOLFE**

Michigan Technological University
1400 Townsend Dr.
Houghton, MI 49931

262.443.6866
jdjw@klamathbird.org
website: www.wolfecology.com

Employment History

- Research Assistant Professor, Michigan Technological University, School of Forest Resources and Environmental Science. Instructor for Wildlife and habitat management courses. Coordinates extramurally-funded domestic and international research projects (see www.wolfecology.com for more information).
 - Fall 2018 – Present.
- Wildlife Ecologist, USFS Pacific Southwestern Research Station. Works with researchers and managers to understand effects of fire, management, and climate change on the survival, recruitment, productivity, and population growth of landbirds and Spotted Owls.
 - Fall 2015 – Present.
- Research Faculty, Humboldt State University. Instructor for (1) Ornithology (2) Advanced Ornithology (3) Biogeography of Wildlife (4) Wildlife Techniques & (5) Upland Wildlife Management
 - Fall 2015 – 2018.
- Postdoctoral Fellow in Community Ecology, Klamath Bird Observatory. Used long-term bird capture data to assess effects of climate on community dynamics, bottom-up processes, and avian demography in Hawaii and the Pacific Northwest.
 - Fall 2014 – Fall 2015.
- McIntire-Stennis Fellow, PhD research Louisiana State University (Phil Stouffer Lab) and Instituto Nacional de Pesquisas da Amazônia (Brazilian research institution in Manaus, Brazil). Doctoral research examined landscape demography of Amazonian bird communities relative to disturbance gradients.
 - Spring 2010 – Fall 2014.
- Supervisory Biologist, Humboldt State University. National Science Foundation funded project focused on ecosystem services of birds in Kenyan coffee farms.
 - Winter 2012.
- Supervisory Biologist, USDA Forest Service, Pacific Southwest Research Station – Arcata. Trained field crews to collect bird data throughout the Klamath-Siskiyou Bioregion.
 - Winter 2008 – Spring 2010
- Field Biologist, University of Massachusetts, Amherst. Conducted fieldwork to assess effects of forest cover on the behavior of Nearctic-Neotropical migrants in Costa Rica.
 - Winter 2006 – Spring 2007.
- Field Supervisor, Point Blue Conservation Science. Supervised team of field biologists in the northern Sierra Nevada Mountains.
 - Spring 2006 – 2007.

- Field Biologist, Point Blue Conservation Science. Conducted pinniped and bird surveys on the Farallon Islands, California.
 - Fall 2006.
- Field Biologist, University of Missouri, St. Louis. Conducted fieldwork in the western Amazon: bird capture, nest searching, and husbandry, to examine social networks of lekking birds
 - Winter 2005 –2006.
- Field Biologist, Wildlife Conservation Society. Conducted fieldwork focused on avian nest survival in the Alaskan Arctic.
 - Spring 2005 – Summer 2005.
- Supervisory Biologist, Humboldt State University. Trained and supervised nest-searching crews on Prince of Wales Island in Southeast Alaska.
 - Spring 2004 – Summer 2004.
- Field Biologist, University of Arizona. Captured birds, collected insects and measured fruit abundance along an altitudinal gradient on Costa Rica's Caribbean slope.
 - Winter 2003 – Spring 2004.
- Field Mammal Biologist, Humboldt State University. Employed Sherman and tomahawk traps in the northern Sierra Nevada Mountains to assess mammal communities relative to forest thinning and fuel treatments.
 - Summer 2003 – Fall 2003.
- Field Avian Biologist, Humboldt State University. Fieldwork included spot-mapping bird territories, nest-searching, nestling banding and monitoring.
 - Spring 2003 – Summer 2003.
- Wildlife Consultant, LBJ Enterprises. Conducted multiple biological surveys for Snowy Plover, Spotted Owl, and Marbled Murrelets for timber and mining companies in northern California.
 - Fall 2001 – Fall 2003.
- Supervisory Biologist, Klamath Bird Observatory. Supervised and trained bird banders at the long-running banding station located near Humboldt Bay, California.
 - Fall 2003 – 2008.
- Field Mammal Biologist, Sacramento City College. Trapped Ringtail (*Bassariscus astutus*) at the Sutter Buttes, California.
 - Fall 1998 – Spring 2002.
- Field Entomologist, California Academy of Sciences. Participated in insect collecting trips to the Mojave and Sonoran Deserts.
 - Summer 1999 – Summer 2002.
- Biological Technician, California EPA. Served as a member of the Division of Water Quality (nonpoint source pollution) for the State Water Resources Control Board.
 - Spring 1998 – Fall 2000.

Additional Research and Professional Activities –

- Co-founder and Biologist, Biodiversity Initiative. Conservation science and capacity building in Equatorial Guinea, central Africa. <http://biodiversityinitiative.org>. Fall 2013 – Present.
- Founder and co-director, Louisiana Bird Observatory (LABO). LABO is a full lifecycle bird monitoring effort operating multiple sites throughout Louisiana. www.braudubon.org/labo. Spring 2010 – Present.
- Scientific Advisor, Costa Rica Bird Observatories. National banding schema, national bird-band dissemination and umbrella organization of banding initiatives in Costa Rica. *See* www.costaricabird.org. Fall 2009 – Present.
- Founder and director, Oiled-bird Monitoring Project. Citizen science-based monitoring initiative focused on quantifying oiled-bird frequencies across the entire Northern rim of the Gulf Coast. The project has received national recognition; protocols were subsequently adopted by National Audubon as the ‘Coastal Bird Survey’ protocol. *See* www.braudubon.org/oiled-bird-monitoring.php. Spring 2010 – Winter 2011.
- Co-director, Tortugero Integrated Bird Monitoring Project. Costa Rica Supervisory bander at the longest running banding station in Costa Rica. Since 2010, the project has been integrated in to the Costa Rica Bird Observatories. *See* www.costaricabird.org. Spring 2004 – Fall 2009.

Education and Certification

- PhD in Wildlife Biology from Louisiana State University. 2014.
 - Dissertation title Influence of Forest Regeneration and Fragmentation on Amazonian Bird Communities.
 - Coursework and research focused on multivariate analyses to examine community-wide shifts in species assemblages.
 - Additional coursework included macro and community ecology, advanced genetic and evolutionary analysis/theory.
- Master of Science in Wildlife Biology from Humboldt State University. 2010.
 - Thesis title Habitat Use of Nearctic-Neotropical Birds in Northeastern Costa Rica.
 - Coursework and research focused on habitat selection and mark-recapture models using frequentist and Bayesian approaches.
 - Additional coursework included spatial analysis and digital cartography.
- Bachelors of Science in Vertebrate Ecology from Humboldt State University. 2006.
 - Coursework emphasized multivariate statistics, linear modeling, Bayesian statistics and experimental design.
- Master Bird Bander through USFWS (permit #23688).
- Master Bird Bander in Brazil, CEMAVE (permit #5250324).
- Certified Trainer and Bander level by the North American Banding Council (NABC).

Teaching Experience, Courses, Symposia and Workshops Conducted

- Instructor, 2015-2017 Humboldt State University, Advanced Ornithology (molts & plumages), Ornithology, Senior Project, Biogeography of Wildlife, Management of Upland Habitats, Wildlife Techniques.
- Instructor, 2017 Western Bird Banding Association, Advanced molt & ageing workshop
- Instructor, 2014-2017 Universidad Nacional de Guinea Ecuatorial, Wildlife Field techniques
- Instructor, 2016 Advanced Bird Ageing, North American Ornithological Congress
- Coordinator, 2015 Neotropical Ornithological Symposium in Manaus, Brazil, “Habitat Change – Beyond Patterns”
- Instructor, 2012-2015 Instituto Nacional de Pesquisas da Amazônia, Central Amazon Bird Banding and Molt Analysis Course (Brazil)
- Instructor, 2014-2016 Universidade Federal do Rio Grande do Sul, Rio Grande do Sul Bird Banding Course (Brazil)
- Instructor, 2014 Louisiana State University 4-H Clover College, Wildlife Techniques
- Assistant Instructor, 2013 Louisiana State University, Wildlife of Louisiana
- Instructor, 2011 Neotropical Ornithological Society Bird Banding Workshop in Tambopata, Peru, following the NOC congress
- Instructor, 2010 CORBIDI and Fauna Forever, “Ringing Forever” bird banding workshop in Tambopata, Peru
- Instructor, 2010 Asociación Ornitológica, “an Introduction to Statistical Analysis using Program R” in San Jose, Costa Rica.
- Instructor, 2009 Klamath Demographic Network, bird banding workshop in Southern Oregon
- Assistant Instructor, 2007-2009 Humboldt State University, Wildlife Techniques Humboldt
- Assistant Instructor, 2007-2009 Humboldt State University, Ornithology
- Instructor, 2006-2009 Redwood Sciences Laboratory, Field Biology

Published 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: <https://www.crcpress.com/Molting-in-Neotropical-Birds-Life-History-and-Forest-Fragmentation/Johnson-Wolfe/p/book/9781498716116>

Wolfe, J. D., R. S. Terrill, E. I. Johnson, L. L. Powell and T. B. Ryder. 2018. Neotropical bird molt: introduction to variation and adaptation. Studies in Avian Biology, CRC Press *in press*.

Albert, S., J. Wolfe, J. Kellerman, T. Sherry, and B. Stutchbury. 2018. Importance of Tropical Habitats to Nearctic-Neotropic Migrant Birds. Studies in Avian Biology, CRC Press *in press*.

Peer Reviewed Publications (* indicates protégé author)

38. Wolfe, J. D., C. J. Ralph, 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: https://www.fs.fed.us/psw/news/2017/20171108_birdfoodconnection.shtml

See Hawaii Tribune Herald news article: <http://www.hawaiitribune-herald.com/2017/11/14/hawaii-news/study-of-data-from-1970s-80s-reveals-climate-changes-affecting-native-birds/>

See Wildlife Society news article: <http://wildlife.org/climate-change-threats-to-hawaiian-tree-impact-birds-too/>

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:
<http://www.times-standard.com/general-news/20171006/california-condor-study-finds-lead-toxicity-risk-increases-during-hunting-seasons>

See American Ornithological Society press release:
<https://americanornithologypubsblog.org/2017/09/20/could-condors-return-to-northern-california/>

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: <https://www.audubon.org/news/new-audubon-study-reveals-prothonotary-warbler-5000-mile-migration-path-first>
- See* accompanying Audubon Magazine article: <https://www.audubon.org/news/new-research-details-warblers-mystery-treks>
- See* USDA Forest Service press release: http://www.fs.fed.us/psw/news/2015/20150922_prothonotarywarblers.shtml
- See* Wildlife Professional article: <http://wildlife.org/where-do-you-go-little-warbler-when-it-snows/>
- See* Mongabay article: <http://wildtech.mongabay.com/2015/10/sunrise-to-sunset-documenting-warbler-migrations-with-cheap-light-geolocator-tags/>
26. Powell, L. P., J. D. Wolfe, E. I. Johnson, J. E. Hines, J. D. Nichols, 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: http://www.fs.fed.us/psw/news/2015/20150306_whitecollaredmanakin.shtml
- See* Klamath Bird Observatory Blogpost and Press Release: <http://www.klamathbird.org/the-klamath-call-note/announce/press/2906>
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., Ryder, T. B. 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:*
http://afonet.org/wp_english/students/student-publication-award/
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.

Presented Papers, Keynotes, Plenaries, and Invited Lectures

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 selected publications below, over 30 other non-peer reviewed articles and blogs published 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*.

- Wolfe, J. D. 2017. An Unprecedented Legacy: KBO's International Training Program. [Guest blogpost](#) for Klamath Bird Observatory.
- Wolfe, J. D. 2017. Review of the Science Directly Related to the Effects of Fire on Spotted Owls and their Habitat. [Personal blogpost](#).
- Wolfe, J. D. 2014. Book review of "Birds of the Sierra Nevada: Their Natural History, Status, and Distribution." *Journal of Field Ornithology* 85:109.
- Ralph, C. J. and J. D. Wolfe. 2014. Bird Banding and Climate Change: Can We Make A Difference? *North American Bird Bander*.
- Elizondo, P., C. J. Ralph and J. D. Wolfe. 2011. Out of the Mists Comes Knowledge of Little-Known Endemics, as Researchers Band Together to Predict a No-analog Future. *The*

All-Bird Bulletin - Bird Conservation News and Information. A publication of the North American Bird Conservation Initiative. Fall/Winter 2011:6-7

- Wolfe, J. D. and E. I. Johnson. 2011. Louisiana's Crude Awakening. *Birding Magazine*. 43:58-61.
- Wolfe, J. D. 2011. Using Citizen Science to Monitor the Deepwater Horizon Oil-Spill. Northcoast Environmental Center's EcoNews.
- Miller, S. L., C. J. Ralph, J. D. Wolfe and L. M. Ollivier. 2010. Trinity River Restoration Program Riparian and Riverine Bird Monitoring Report 2002-2009. 2010. Submitted to the U.S. Bureau of Reclamation, Trinity River Restoration Program, Weaverville, CA.

Popular Media Coverage

- USDA Forest Service Press Release. 2017. Summarized published findings detailing investigations of climate, food and birds in Hawaii.
https://www.fs.fed.us/psw/news/2017/20171108_birdfoodconnection.shtml
- Hawaii Tribune Herald article and interview detailing our Hawaii research.
<http://www.hawaiitribune-herald.com/2017/11/14/hawaii-news/study-of-data-from-1970s-80s-reveals-climate-changes-affecting-native-birds/>
- Wildlife Society article and interview detailing our Hawaii research.
<http://wildlife.org/climate-change-threats-to-hawaiian-tree-impact-birds-too/>
- Eureka Times Standard 2017. News story about California Condor feasibility analysis.
<http://www.times-standard.com/general-news/20171006/california-condor-study-finds-lead-toxicity-risk-increases-during-hunting-seasons>
- American Ornithological Society blogpost about California Condor feasibility analysis.
<https://americanornithologypubsblog.org/2017/09/20/could-condors-return-to-northern-california/>
- ABC News 2017. Photo essay from 2016 expedition in Equatorial Guinea was featured on their website: <http://abcnews.go.com/International/photos/paradise-found-rare-elusive-birds-bioko-island-46865323/image-46869929>
- Audubon Magazine 2016. July-August issue featuring in-depth coverage of expedition in Equatorial Guinea. <http://www.audubon.org/news/land-lost-birds-searching-life-forests-bioko#8>
- KHSU interview. 2016. Interview for "KHSU Homepage" with Katie Whiteside covering ongoing research in central Africa.
- Wildlife Professional Magazine. 2015. Interview for "Where Do You Go, Little Warbler, When It Snows?" Article detailing Prothonotary Warbler migratory connectivity research.
<http://wildlife.org/where-do-you-go-little-warbler-when-it-snows/>

- Mongabay. 2015. Article detailing technology used to measure connectivity of Prothonotary Warblers in Louisiana and Central America. <http://wildtech.mongabay.com/2015/10/sunrise-to-sunset-documenting-warbler-migrations-with-cheap-light-geolocator-tags/>
- USDA Forest Service Press Release. 2015. Summarized published findings detailing Prothonotary Warbler migration connectivity. http://www.fs.fed.us/psw/news/2015/20150922_prothonotarywarblers.shtml
- Audubon Magazine. 2015. “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. <https://www.audubon.org/news/new-research-details-warblers-mystery-treks>
- National Audubon Press Release. 2015. Summarized publication documenting Prothonotary Warbler migratory connectivity using geolocators. <https://www.audubon.org/news/new-audubon-study-reveals-prothonotary-warbler-5000-mile-migration-path-first>
- Teletica, canal 7 (channel 7, Costa Rica). 2015. Costa Rica television news story detailing results from our study on the effects of habitat and climate change on White-collared Manakins. <http://www.teletica.com/Noticias/100794-Cientificos-temen-que-cambios-en-clima-y-habitat-ponen-en-peligro-a-una-bella-ave-en-Tortuguero.note.aspx>
- La Nacion. 2015. Costa Rica newspaper story detailing results from our study on the effects of habitat and climate change on White-collared Manakins http://www.nacion.com/vivir/ambiente/Nino-arrebata-frutos-ave-Tortuguero_0_1506449350.html
- USDA Forest Service Press Release. 2015. Summarized published findings detailing synergistic effects of habitat degradation and climatic shifts on avian survival. *See* http://www.fs.fed.us/psw/news/2015/20150306_whitecollaredmanakin.shtml
- PBS Equatorial Guinea talk. 2014. Aired on KEET, online at: <http://youtu.be/xmrz0w4Z5Rc>
- KHUM Radio Interview. 2014. Lengthy interview regarding on-going bird research, climate change, local conservation efforts, and NGOs.
- Audubon Magazine. 2014. “Band Leader: Louisiana Bird Observatory's Founder on Why Bird Banding Matters” interviewed regarding the founding of Louisiana Bird Observatory. *See:* <http://mag.audubon.org/articles/living/louisiana-bird-observatorys-founder-why-bird-banding-matters>
- Costa Rica Hoy (newspaper, Costa Rica). 2014. “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. *See:* <http://www.crhoy.com/estudio-revela-detalles-ineditos-de-las-aves-migratorias-que-viajan-del-norte-hacia-costa-rica-v2n2x/>
- The Advocate (newspaper, Baton Rouge). 2012. “Author’s talk at LSU to focus on psychology of bird identification” interviewed regarding David Sibley’s upcoming

presentation in Baton Rouge. *See:* <http://theadvocate.com/features/people/5798916-123/for-the-birds>

- The Advocate (newspaper, Baton Rouge). 2011. “Baton Rouge Premiere of Ghost Bird” interviewed regarding Ivory-billed Woodpecker documentary premiere in Baton Rouge. *See:* <http://www.theadvocate.com/features/105747058.html>
- Teletica, canal 7 (channel 7, Costa Rica). 2013. “+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. *See:* <http://www.teletica.com/Noticias/32842-QN-lo-lleva-al-corazon-de-la-selva-en-el-Amazonas-note.aspx>

Grants, Scholarships and Fellowships

- 2017 Nobel Energy \$190,00 (in review)
- 2016 USFWS Wildlife Without Borders \$50,000
- 2016 USFWS Neotropical Migratory Bird Conservation Act \$150,000
- 2016 USFS Pacific Southwest Research Station (bird networks in western forests) \$52,500
- 2016 USFS Pacific Southwest Research Station (spotted owl agent-based models) \$74,100
- 2016 Hess Corporation \$5,000
- 2015 USFS Postdoctoral Fellowship \$200,000
- 2015 Stone Hill Education \$5,000
- 2014 Klamath Bird Observatory Postdoctoral Fellowship \$150,000
- 2014 National Geographic Waitt Grants \$12,000
- 2014 Noble Energy \$10,000
- 2014 Kickstarter Crowd Sourcing Campaign \$20,000
- 2014 Association of Field Biologists Travel Award \$800
- 2014 McIntire-Stennis Forestry Fellowship \$20,000
- 2013 US National Science Foundation (LTREB 0545491) \$500,000
- 2013 Microryza Crowd Sourcing Campaign \$2,000
- 2013 Rockefeller LSU Scholarship \$2,500
- 2013 National Audubon Society Conference Scholarship \$1,000
- 2013 Manomet Center for Conservation Sciences: Kathleen S. Anderson Award \$2,500
- 2013 McIntire-Stennis Forestry Fellowship \$20,000
- 2012 Rockefeller LSU Scholarship \$5,000
- 2012 American Ornithologists Union (AOU) Research Award \$2,500
- 2012 Louisiana Environmental Education Commission Research Grant \$1,500
- 2012 Eastern Bird Banding Association Research Award \$1,000
- 2012 McIntire-Stennis Forestry Fellowship \$20,000
- 2011 Western Bird Banding Association Research Award \$1,000
- 2011 McIntire-Stennis Forestry Fellowship \$20,000
- 2010 Western Bird Banding Association’s Research Grant \$1,000
- 2010 Cooper Ornithological Society Student Travel Award \$500
- 2010 McIntire-Stennis Forestry Fellowship \$20,000
- 2008 Stanley Harris Wildlife Scholarship \$2,500
- 2007 USFWS Richard J. Guadagno Scholarship \$2,500
- 2007 American Ornithologist Union Student Travel Award \$500

Professional and Academic Recognition

- 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 Award for helping establish Costa Rica Bird Observatories
- 2010 Awarded Best Student Publication from the Association of Field Ornithologists
- 2009 Awarded Best Master's Thesis in Natural Resources from Humboldt State University
- 2008 Best Digital Cartographic Representation by the California Geographical Society

Referee and Grant Reviewer for the following Journals and Organizations

Animal Behaviour, Auk: Ornithological Advances, Biodiversity and Conservation, Biological Conservation, Biological Journal of the Linnean Society, Bird Conservation International, Condor: Ornithological Applications, Ecology, Ecological Restoration, Forest Ecology and Management, Global Ecology and Biogeography, Ibis, Journal of Community Ecology, Journal of Field Ornithology, Journal of Tropical Ecology, Journal of Wildlife Management, National Geographic Society (grant reviewer), National Science Foundation (grant reviewer), Natureza & Conservação, Ornitologia Neotropical, 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 Ornithologists Union (now AOS), 2007 – Present (Elective member)
American Association for the Advancement of Science (AAAS), 2011 – Present
Ecological Society of America (ESA), 2015 – Present
Western Bird Banding Association, 2007 – Present (past-president)
Cooper Ornithological Society (now AOS), 2009 – Present
Redwood Region Audubon Society, 2014 – Present (past-board member)
Wilson Ornithological Society, 2009 – Present
Association of Field Ornithologists, 2009 – Present
Baton Rouge Audubon Society, 2010 – 2014 (past-board member)
Sociedad de Ornitologia Neotropical, 2008 – 2013

References

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

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

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