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|  | **John D. Lloyd, Ph. D.**  Phone: (971) 645-5463  email: 5355693@gmail.com  South Strafford, VT |
| **Appointments** | **Adjunct Associate Professor,** Rubenstein School of Environment and Natural Resources, University of Vermont, Burlington, Vermont**.** |
| **Academic background** | Ph.D., Wildlife Biology, University of Montana, Missoula, MT 59812 (May 2003).  M.S., Wildlife Biology, University of Arizona, Tucson, AZ 85721 (April 1997).  B.S., Wildlife Biology, University of Vermont, Burlington, VT 05405 *Magna cum Laude* (May 1995). |
| **Social media** | ResearchGate: <https://www.researchgate.net/profile/John_Lloyd2>  Google Scholar: <https://scholar.google.com/citations?user=pFD-t50AAAAJ&hl=en&oi=sra>  LinkedIn: <https://www.linkedin.com/in/john-lloyd-12069990>  Twitter: @jdlvt  ORCID: orcid.org/0000-0002-9143-3789 |
| **Current position** | **Associate Director for Science and Evaluation,** American Wind Wildlife Institute, Washington, D.C. March 2019 – present.  As the Associate Director for Science and Evaluation, I work to identify, to catalyze, and to carry out research on high-priority questions that supports the timely and responsible development of wind energy while protecting wildlife and wildlife habitat. I lead our organization’s program on research and conservation of North American prairie grouse; provide scientific oversight for our technology-development program and for our research programs on the assessment and mitigation of wind energy’s risks to bats and eagles; work as a scientific program officer and peer-review manager on the Wind Wildlife Research Fund; and serve as the science lead on a portfolio of research projects funded through the Wind Wildlife Research Fund. I also assist the Director of Science in updating the National Wind Wildlife Research Plan. I serve as the scientific lead on outreach and communication efforts to a variety of stakeholders through annual updates to the Summary of Wind Power Interactions with Wildlife factsheets, technical white papers, peer-reviewed publications, and presentations at scientific conferences. |
| **Past employment** | **Associate Director (Science),** Vermont Center for Ecostudies, Norwich, VT. October 2014 – March 2019.  As the chief scientist, I identified organization-wide research priorities that meet the goal of *uniting people and science for conservation*. I assisted senior scientists, program directors, and post-doctoral associates in developing projects that address these priorities and work with development staff to obtain funding. I ensured that our science was rigorous and mission-driven; that we were effectively communicating our science with the right people, in the right way, and at the right time; and that our engagement with citizen-scientists, decision-makers, and other stakeholders was positive, creative, and beneficial to all involved. Above all, I focused on creating approaches to research that bridged the science-policy divide and lead to the adoption of scientifically defensible conservation policy.  **Senior Research Ecologist,** Ecostudies Institute, Mt. Vernon, WA. Oct 2005-Oct 2014.  **Biologist and Project Manager,** Mason, Bruce & Girard, Inc.,Portland, Oregon. Jun 2004-Oct 2005.  **Writer/Editor,** USDA Forest Service. 2003-2004. |
| **Graduate courses taught, past 5 years** | **Conservation Biology** (Environmental Studies 563), Antioch University New England, Keene, NH. Fall 2016.  **Biostatistics** (Environmental Studies 519), Antioch University New England, Keene, NH. Fall 2012 &  Fall 2013.  **Research Strategy, Method, and Design I** (Environmental Studies 727), Antioch University New England, Keene, NH. Fall 2013. |
| **Peer-reviewed articles**  **Peer-reviewed articles, cont.** | Lloyd, J.D, C.C. Rimmer, and JA Salguero-Faria. 2019. Short-term effects of hurricanes Maria and Irma on forest birds of Puerto Rico. PLoS ONE 14:e0214432.  Faccio, S.D., K.L. Buckman, J.D. Lloyd, A.N. Curtis, and V.F. Taylor. 2019. Bioaccumulation of methylmercury in wood frogs and spotted salamanders in Vermont vernal pools. Ecotoxicology. In press. DOI: 10.1007/s10646-019-02068-4.  Rimmer, C. C., J. D. Lloyd, K. P. McFarland, D. C. Evers, and O. Lane. 2019. Patterns of blood mercury variation in two long-distance migratory thrushes on Mount Mansfield, Vermont. Ecotoxicology. In press.  Rimmer, C. C., J. D. Lloyd, and J. A. Salguero Faria. 2019. Overwintering Bicknell’s Thrush (*Catharus bicknelli*) on Puerto Rico – rare and local. Caribbean Journal of Ornithology. In press.  Lloyd, J.D. 2018. The recent expansion of Fox Sparrow (*Passerella iliaca iliaca*) breeding range into the northeastern United States. PeerJ 6: e6087.  Dornelas, M., et al. 2018. BioTIME: a database of biodiversity time series for the Anthropocene. Global Ecology and Biogeography 27:760-786. DOI: 10.1111/geb.12729  McFarland, K. P., J. D. Lloyd, S. J. K. Frey, P. L. Johnson, R. B. Chandler, and C. C. Rimmer. 2018. Modeling spatial variation in winter abundance to direct conservation actions for a vulnerable migratory songbird, Bicknell’s Thrush (*Catharus bicknelli*). Condor 120:517-529.  Lloyd, J. D., and C. C. Rimmer. 2017. Surveys of forest birds on Puerto Rico, 2015. Biodiversity Data Journal 5:e20745. https://doi.org/10.3897.BDJ.e20745  Rimmer, C.C., P.L. Johnson, and J. D. Lloyd. 2017. Home range size and nocturnal roost locations of Western Chat-Tanagers (*Calyptophilus tertius*). Wilson Journal of Ornithology 129:611-615.  Hill, J. M., and J. D. Lloyd. 2017. A fine-scale U.S. population estimate of a montane spruce-fir bird species of conservation concern. Ecosphere 8(8):e01921. 10.1002/ecs2.1921  Lloyd, J.D, J. Scarl, J.C. Martínez-Sánchez, C.C. Rimmer, L. Prout, and S. Mathison. 2017. Bicknell's Thrush Mitigation Across Borders: A Strategy for Full Life-Cycle Conservation. https://doi.org/10.6084/m9.figshare.4775680.v1  Lloyd, J. D. 2017. Movements and use of space by Mangrove Cuckoos (*Coccyzus minor*) in Florida, USA. PeerJ 5:e3534. [10.7717/peerj.3534](https://doi.org/10.7717/peerj.3534)  McFarland, K.P., J.D. Lloyd, and S.P. Hardy. 2017. Density and habitat relationships of the endemic White Mountain Fritillary (*Boloria chariclea montinus*)(Lepidoptera: Nymphalidae). Insects 8, 57. doi:[10.3390/insects8020057](http://dx.doi.org/10.3390/insects8020057)  Frieze, R.D., and J. D. Lloyd. 2017. Eye-ring coloration is not a reliable indicator for aging Mangrove Cuckoos (*Coccyzus minor*). Wilson Journal of Ornithology 129:163-165.  Lloyd, J.D. 2016. Phenotypic variation in Mangrove Cuckoo (*Coccyzus minor*) across Its geographic range. PLoS ONE 11(3): e0152141. doi:10.1371/journal.pone.0152141.  Lloyd, J. D., C. C. Rimmer, and K. P. McFarland. 2016. Assessing conservation status of resident and migrant birds on Hispaniola with mist-netting. *PeerJ* 3:e1541 <https://doi.org/10.7717/peerj.1541>  Lloyd, J. D., and G. L. Slater. 2014. Abundance and distribution of mangrove landbirds in Florida. North American Fauna 80:1-45.  Lloyd, J., and M. Trask. 2014. Interstate 84 Wildlife Crossing Study. Available at: https://doi.org/10.6084/m9.figshare.978988.v1  Lloyd, J. D. 2013. Mangrove Cuckoo (*Coccyzus minor*), Neotropical Birds Online (T. S. Schulenberg, Editor). Ithaca: Cornell Lab of Ornithology; retrieved from Neotropical Birds Online: http://neotropical.birds.cornell.edu/portal/species/overview?p\_p\_spp=202776  Slater, G. L., J. D. Lloyd, and R. W. Snow. 2013. Re-introduction of brown-headed nuthatch and eastern bluebird to South Florida pine rocklands, USA. Pages 63-67 i*n* P. S. Soorae, ed. Global Reintroduction Perspectives 2013. IUCN/SSC, Gland, Switzerland.  Slater, G. L., J. D. Lloyd, J. H. Withgott, and K. G. Smith. 2013. Brown-headed Nuthatch (*Sitta* *pusilla*), The Birds of North America Online (A. Poole, Ed.). Ithaca: Cornell Lab of Ornithology. <http://bna.birds.cornell.edu/bna/species/349>  Faccio, S. D., M. Amaral, C. J. Martin, A. Tur, and J. D. Lloyd. 2013. Movement patterns, natal dispersal, and survival of Peregrine Falcons banded in New England. Journal of Raptor Research 47:246-261.  Lloyd, J. D., G. L. Slater, and J. R. Snyder. 2012. The role of fire-return interval and season of burn on snag dynamics in a south Florida slash-pine forest. Fire Ecology 8:18-31. doi: 10.4996/fireecology.0803018  Lloyd, J. D., and G. L. Slater. 2012. Fire history and the structure of pine-rockland bird assemblages. Natural Areas Journal 32: 247-259.  Lloyd, J. D. and G. L. Slater. 2011. Influence of fire and water regimes on pineland bird assemblages. Natural Areas Journal 31:270-282.  Lloyd, J. D., and T. Doyle. 2011. Abundance and population trends of mangrove landbirds in southwest Florida. Journal of Field Ornithology 82:132-139.  Lloyd, J. D., and G. L. Slater. 2011. Abundance and distribution of breeding birds in the pine forests of Grand Bahama, Bahamas. Journal of Caribbean Ornithology 24: 1-9.  Lloyd, J.D., G. L. Slater, and S. Snow. 2009. Demography of reintroduced Eastern bluebirds and brown-headed nuthatches. Journal of Wildlife Management 73:955-964.  Lloyd, J. D., and G. L. Slater. 2007. Environmental factors affecting productivity of brown-headed nuthatches. Journal of Wildlife Management 71:1968-1975.  Lloyd, J. D. and J. J. Tewksbury. 2007. Analyzing avian nest survival in forests and grasslands: a comparison of the Mayfield and logistic-exposure methods. Studies in Avian Biology 34:96-104.  Tewksbury, J. J., L. Garner, S. Garner, J. D. Lloyd, V. Saab, and T. E. Martin. 2006. Alternative hypotheses of landscape influence on nest predation and brood parasitism in fragmented ecosystems. Ecology 87:759-768.  Lloyd, J. D., and T. E. Martin. 2005. Reproductive success of Chestnut-collared Longspurs in native and exotic grassland. Condor 107:365-376.  Lloyd, J. D., and T. E. Martin. 2004. Nest-site preference and maternal effects on offspring growth. Behavioral Ecology 15:816-823.  Lloyd, J. D., and T. E. Martin. 2003. Sibling competition and the evolution of developmental rates. Proceedings of the Royal Society of London, Series B 270:735-740. (cover article)  Tewksbury, J. J., and J. D. Lloyd. 2001. Positive interactions under nurse plants: spatial scale, stress gradients, and benefactor quality. Oecologia 127:425-434.  Lloyd, J.D., R.W. Mannan, S. DeStefano, and C. Kirkpatrick. 1998. The effects of mesquite invasion on a southeastern Arizona grassland bird community. Wilson Bulletin 110:403-408. |
| **Published data sets** | Lloyd, J.D. 2015. Mangrove Cuckoo measurements. figshare. https://doi.org/10.6084/m9.figshare.1328170.v3.  Lloyd, J, and G. Slater. 2015. Mangrove Landbird Survey Data 2008-2011. figshare. https://doi.org/10.6084/m9.figshare.1142567.v2  Rimmer, C., and J. Lloyd. 2015. Puerto Rico Bicknell's Thrush Surveys, 2014. KNB Data Repository. doi:10.5063/F1ST7MRT.  Lloyd, J., K. McFarland, C. Rimmer, and Vermont Center for Ecostudies. 2015. Sierra de Bahoruco Constant-effort Mist Netting. KNB Data Repository. doi:10.5063/F1M906K7. |
| **Selected honors and award** | 2017 Elective Member, American Ornithological Society  2007 Robertson Fellowship Award, Florida Ornithological Society.  2002 George Miksch Sutton Award in Conservation Research, Southwestern Association of Naturalists. |
| **Invited presentations** | 2017 *Opportunities for conservation of Bicknell’s Thrush in Maine’s commercial forests*. New England Society of Foresters/Maine Chapter of The Wildlife Society Annual Meeting, Bangor, Maine.  2013 *The structure, derivation, and origin of South Florida’s mangrove avifauna*, St. George’s University, Grenada.  2013 *Abundance and distribution of mangrove landbirds*. Biscayne Science Symposium, Miami, FL.  2009 *Mountain Birdwatch: developing a coordinated monitoring program for high-elevation birds in the Atlantic Northern Forest*. Ecology and Management of High-elevation Forests in the Central and Southern Appalachians. Snowshoe, West Virginia.  2005 *Analyzing avian nest survival in forests and grasslands: a comparison of the Mayfield and logistic-exposure methods*. Cooper Ornithological Society Symposium: Beyond Mayfield: measurements of nest survival data. Cooper Ornithological Society, Arcata, CA. |
| **Conference presentations** | 2019 *Expanding availability of confidential data to evaluate bird and bat collision risk*. Conference on Wind Energy and Wildlife Impacts. Stirling, Scotland, UK.  2018 *Recent range expansion by Fox Sparrows in the northeastern United States*. American Ornithological Society, Tucson, AZ.  2016 *Patterns of seasonal movements and space use among Mangrove Cuckoos*. North American Ornithological Conference, Washington, D.C.  2015 *Constant-effort mist netting over 15 years in Dominican Republic cloud forest reveals apparently stable bird populations*. BirdsCaribbean International Meeting, Kingston, Jamaica.  2011 *Structure and composition of a mangrove avifauna*. American Ornithologists’ Union, Jacksonville, FL.  2010 *Mitochondrial DNA variation in the Brown-headed Nuthatch (*Sitta pusilla*): evidence for a distinct evolutionary lineage* (S.p. insularis*) on Grand Bahama Island*. Joint Meeting of the Cooper Ornithological Society, American Ornithologists’ Union, and the Society of Canadian Ornithologists. San Diego, California.  2008 *Impacts of exotic plants on native fauna*. Natural Areas Association, Nashville, Tennessee.  2007 *Landbird communities of Grand Bahama Island, revisited*. Society for the Conservation and Study of Caribbean Birds, San Juan, Puerto Rico.  2006 *Environmental effects on fitness in a reintroduced population of Brown-headed Nuthatches*. North American Ornithological Conference, Veracruz, Mexico.  2005 *Effects of highways on birds: a North American review*. International Conference of Ecology and Transportation, San Diego, CA.  2005 *Wildlife hot spots along highways in northwestern Oregon*. International Conference of Ecology and Transportation, San Diego, CA. (With Melinda Trask, ODOT).  2005 *A rapid assessment process for determining potential linkages areas for fish and wildlife along highways*. The Wildlife Society – Oregon Chapter Annual Meeting, Symposium on Transportation and Passage Issues, Corvallis, OR.  2003 *A rapid assessment protocol for determining potential fish and wildlife habitat linkages along roads*. International Conference of Ecology and Transportation, Lake Placid, NY. |
| **Professional service** | **Chair,** International Bicknell’s Thrush Conservation Group, Nov. 2014 – Mar. 2019  **Topic Editor** (Conservation Biology and Environmental and Natural Resources Management), *Encyclopedia of the Earth*.  **Associate Editor**, *Natural Areas Journal*, Nov. 2012 – Jan. 2015  **Expert reviewer**, Mangrove Cuckoo Climate Change Vulnerability Assessment  **Peer reviewer**, Biological Status Review of White-crowned Pigeon (Florida Fish and Wildlife Conservation Commission) |
| **Competitive grants awarded** | 2017 US Fish and Wildlife Service Neotropical Migratory Bird Conservation Act ($79,530). Conservation planning for Sierra de Bahoruco National Park.  2017 National Fish and Wildlife Foundation ($50,609). Use of Maine’s commercial forestland as habitat for Bicknell’s Thrush, an imperiled songbird.  2017 William P Wharton Trust ($10,971). Long-term demographic changes in Bicknell’s Thrush, a rare montane endemic.  2016 Blake-Nuttall Fund ($4,500). Long-term demographic changes in Bicknell’s Thrush, a rare montane endemic.  2015 National Fish and Wildlife Foundation ($78,588). Mapping abundance and estimating population size of Bicknell’s Thrush, a rare montane endemic.  2013 US Fish and Wildlife Service ($120,000). Ecology and population monitoring of Mangrove Cuckoo and other mangrove landbirds in south Florida's National Wildlife Refuges.  2012 Disney Wildlife Conservation Fund ($20,000). Ecology and seasonal movements of Mangrove Cuckoo.  2012 US Fish and Wildlife Service ($58,000). Ecology and population monitoring of Mangrove Cuckoo and other mangrove landbirds in south Florida's National Wildlife Refuges.  2011 Disney Wildlife Conservation Fund ($20,000). Ecology and seasonal movements of Mangrove Cuckoo.  2010 US Fish and Wildlife Service ($97,000). Ecology and population monitoring of Mangrove Cuckoo and other mangrove landbirds in south Florida's National Wildlife Refuges.  2008 US Fish and Wildlife Service ($250,000). Development and implementation of a mangrove forest bird monitoring program.  2007 Florida Fish and Wildlife Conservation Commission ($75,000). Abundance, distribution, and habitat requirements of mangrove landbirds.  2006 National Geographic Society, Committee for Research and Exploration ($20,000). Taxonomy, population size, and conservation of Brown-headed Nuthatch.  2006 Oregon Department of Transportation ($74,630). Developing methods for identifying wildlife crossing areas in long highway segments.  2005 Oregon Department of Transportation ($42,000). An analysis of potential wildlife corridors.  2005 Joint Fire Sciences Program ($261,315). Effects of fuel treatments and wildfire on the avifauna of the pine rockland ecosystem in southern Florida. Co-PI: Gary L. Slater, Ecostudies Institute.  2003 U.S.D.A Forest Service ($10,500). Development of a rapid assessment protocol for identifying critical habitat linkages.  2000 U.S. Fish and Wildlife Service Challenge Cost Share Grant ($10,000). Defining habitat quality for grassland birds in the northern Great Plains. |
| **Prior appointments** | **Adjunct Faculty,** Environmental Studies Department, Antioch University New England, Keene, NH. September 2015 – December 2015 (fixed term).  **Affiliate Faculty,** Environmental Studies Department, Antioch University New England, Keene, NH. July 2012 – December 2013.  **Visiting Assistant Professor,** Department of Biology, Middlebury College, Middlebury, VT. Winter 2013. |
| **Community service** | **Deputy Fire Chief/EMT**, Strafford Volunteer Fire/Rescue  **Past President**, Strafford Firemen’s Association, Inc. |