

Oscar Johnson

119 Foster Hall, LSU, Baton Rouge, Louisiana 70803
Tel: 805.276.8878 Email: ojohns7@lsu.edu

EDUCATION

- 2014-present Louisiana State University Baton Rouge, LA
Ph.D. candidate, Museum of Natural Science & Department of Biological Sciences.
Advisor: Dr. Robb T. Brumfield
GPA: 4.0/4.0
- 2008-2011 University of California, Santa Cruz Santa Cruz, CA
B.S. - Ecology and Evolutionary Biology
GPA: 3.86/4.0, *Magna Cum Laude*
Senior Thesis: Mixed species flocking behavior at Monteverde, Costa Rica. Advisor: Dr. Bruce E. Lyon
- 2005-2008 Santa Barbara City College Santa Barbara, CA
GPA: 3.93/4.0, Dean's list

PUBLICATIONS

- 14 Shakya, S. B., Irham, M., Brady, M. L., Haryoko, T., Fitriana, Y. S., **Johnson, O.**, Moyle, R. G., Prawiradilaga, D. M., and Sheldon, F. H. in press. Observations on the relationship of some Sundaic passerine taxa (Aves: Passeriformes) previously unavailable for molecular phylogenetic study.
- 13 Capunitan, D., **Johnson, O.**, Terrill, R. S., and Hird, S. 2020. Evolutionary signal in the gut microbiomes of 74 bird species from Equatorial Guinea. *Molecular Ecology* 00: 1–19.
- 12 Salter, J. F., **Johnson, O.**, Stafford III, N. J., Herrin Jr., W. F., Schilling, D., Cedotal, C., Brumfield, R. T., and Faircloth, B. C. 2019. A highly contiguous reference genome for Northern Bobwhite (*Colinus virginianus*). *G3: Genes/Genomes/Genetics* 9(12): 3929–3932.
- 11 Moncrieff, A. E., **Johnson, O.**, Lane, D. F., Álvarez Alonso, J., Balta, K., Eckhardt, K., Armenta, J., Valqui, T., Hernández, F., Soto Huaira, M., Mur, C., Harvey, M. G., Verde-Guerra, K., and Figueroa Ramírez, S. 2019. Avifaunal surveys along the lower Huallaga River, Region of Loreto, Peru: new distributional records, collection of topotypes, and taxonomic implications. *Wilson Journal of Ornithology* 131(3):486–501.
- 10 **Johnson, O.***, Moncrieff, A. E.*, Lane, D. F., Beck, J., Angulo-Pratolongo, F., and Fagan, J. 2018. A new species of antbird (Passeriformes: Thamnophilidae) from the Cordillera Azul, San Martín, Peru. *The Auk: Ornithological Advances* 135:114–126.
- 9 **Johnson, O.** 2017. Notes on the nesting behavior of the Gray-mantled Wren (*Odontorchilus branickii*). *Ornitologia Neotropical* 28:175–179.
- 8 Cooper, J. C., **Johnson, O.**, Davis, T. J., Terrill, R. S., Wolfe, J. D., Brzeski, K. E., Motove Etingtie, A., and Powell, L. L. 2017. Notes on the distribution of the avifauna of Bioko Island, Equatorial Guinea, including one new country record. *Malimbus* 39:1–15.
- 7 **Johnson, O.** 2016. Pearly-breasted Conebill (*Conirostrum margaritae*), Neotropical Birds Online (T. S. Schulenberg, Editor). Ithaca: Cornell Lab of Ornithology.
- 6 Shizuka, D., Chaine, A. S., Anderson, J., **Johnson, O.**, Laursen, I. M., and Lyon, B. E. 2014. Across-year social stability shapes network structure in wintering migrant sparrows. *Ecology Letters* 17:998–1007.
- 5 **Johnson, O.** and Billings, M. J. 2014. The Mangrove Yellow Warbler reaches California. *Western Birds* 45:160–162.
- 4 **Johnson, O.**, Pyle, P., and Tietz, J. 2013. The subspecies of the Song Sparrow on Southeast Farallon Island and in central California. *Western Birds* 44:162–170.

- 3 **Johnson, O.**, Sullivan, B. S., and McCaskie, G. 2012. The 36th report of the California Bird Records Committee: 2010 records. *Western Birds* 43:164–188.
 - 2 **Johnson, O.** 2010. Primer registro de rascón café (*Amaurolimnas concolor*) en Monteverde, Puntarenas, Costa Rica. *Zeledonia* 14:57–58.
 - 1 **Johnson, O.** 2010. Review: *Birds of the US-Mexico Borderlands: Distribution, Ecology, and Conservation*, by J. Ruth, T. Brush, and D. Krueper, associate editors. *Western Birds* 41:60–61.
- * These authors contributed equally to this manuscript

SCIENTIFIC PRESENTATIONS

- 12 **Johnson, O.** and Brumfield, R. T. 2019. (Talk). Comparative phylogeography of Amazonian riverine island birds. American Ornithological Society Conference.
- 11 Hird, S., Capunitan, D., **Johnson, O.**, Terrill, R. S. 2019. (Talk). Evolutionary signal in avian microbiomes. Evolution.
- 10 **Johnson, O.** and Brumfield, R. T. 2019. (Talk). Comparative phylogeography of Amazonian riverine island birds. LSU BioGrads Symposium.
- 9 Hird, S., Capunitan, D., **Johnson, O.**, Terrill, R. S. 2019. (Keynote talk). Evolutionary signal in avian microbiomes. Pioneer Valley Microbiology Symposium.
- 8 **Johnson, O.** 2018. (Invited talk). Recent LSU Museum of Natural Science expeditions to South America; science, discovery, and exploration. Baton Rouge Audubon Society.
- 7 **Johnson, O.** 2016. (Talk). Expedition Travelogue Part I: Ornithology in Africa. Louisiana State University Museum of Natural Science Seminar.
- 6 **Johnson, O.** and Robb T. Brumfield. 2016. (Talk). Phylogeographic patterns of Amazonian river-island birds. North American Ornithological Conference.
- 5 Freitas, L., Delgado-Jaramillo, M., Cabanne, G., **Johnson, O.**, and Luciano Naka. 2016. (Talk). História evolutiva e conservatismo de nicho de *Myrmorchilus strigilatus*: um táxon endêmico de duas florestas secas neotropicais. XXIII Congresso Brasileiro de Ornitologia.
- 4 **Johnson, O.** 2015. (Talk). Expedition Travelogue Part II: Peru. Louisiana State University Museum of Natural Science Seminar.
- 3 **Johnson, O.** 2015. (Talk). Within- and across-year social cohesion in wintering sparrows revealed by social networks. Louisiana State University Museum of Natural Science seminar.
- 2 Shizuka, D., Chaine, A. S., **Johnson, O.**, Laursen, I. M, and Lyon, B. 2014. (Talk). Within- and across-year social cohesion in wintering migrant sparrows revealed by social network analysis. AOU/COS/SCO Joint Meeting.
- 1 **Johnson, O.** 2006. (Poster). Associations between wind speed and wing-strain in mist-net captured birds. Poster presentation. Ventana Wildlife Society Semi-annual Staff Conference.

AWARDS, GRANTS, AND SCHOLARSHIPS

- | | | |
|---|--|---------|
| 7 | Outreach Award – LSU Museum of Natural Science (2018) | |
| 6 | Virginia L. Mouw Award in Ornithology (2017) | \$200 |
| 5 | Wetmore Award – American Ornithological Society – Avian phylogeography of Amazonian river islands. Johnson (PI) (2017) | \$2,400 |
| 4 | Chapman Grant – American Museum of Natural History – Phylogeography of Amazonian river island birds. Johnson (PI) (2017) | \$1,900 |
| 3 | Student travel award – American Ornithologists’ Union (2016) | \$265 |

- 2 National Science Foundation Graduate Research Fellowship – Avian phylogeography
of Amazonian river islands. Johnson (PI) (2016-2019) \$34,000
1 Maxwell Scholar (2007) \$1000

TEACHING EXPERIENCE

- Principles of Genetics (LSU Sophomore course) Spring 2015
Teaching assistant
Biological Laboratories for Science Majors (LSU Freshman course) Fall 2014
Teaching assistant

CURATORIAL EXPERIENCE

- Ornithology, LSU Museum of Natural Science Aug 2019 – May 2020
Curatorial Assistant
Genetic Resources, LSU Museum of Natural Science Jul 2015 – Aug 2016
Curatorial Assistant
Botany, Univ. of California Santa Cruz Museum of Natural History Sep 2009 – Mar 2010
Curatorial Assistant & Jan 2011 – Mar 2011
Mammology, Santa Barbara City College Teaching Museum Aug 2007 – Jun 2008
Curatorial Assistant
Ornithology, Santa Barbara Museum of Natural History Jan 2005 – Sep 2008
Assistant Curator

SERVICE AND OUTREACH

- Louisiana Ornithological Society Oct 2019
eBird best practices (talk)
Gulf Coast Bird Club Oct 2019
eBird basics (talk)
Louisiana Ornithological Society Mar 2019
eBird basics workshop
Baton Rouge Westdale Middle School Family STEM night Dec 2018
Outreach to middle school kids for Museum of Natural Science
Acadiana Master Naturalists Bird Workshop Dec 2018
Bird specimen preparation demo
Acadiana Master Naturalists Bird Workshop Sep 2018
Behind the scenes tours of museum collection
Seminar series coordinator -- LSU Museum of Natural Science Fall 2018
Invite, organize visits, and host seminar speakers during Fall semester
4H Wildlife Competition Group Jun 2018
Taught middle and high school students bird identification
Audubon Day May 2018
LSUMNS outreach for the general public
Acadiana Master Naturalists Bird Workshop May 2018
Behind the scenes tours of museum collection
LSU Museum of Natural Science Birdathon fundraiser May 2018
Coordinator
Acadiana Master Naturalists Bird Workshop Sep 2017

<i>Behind the scenes tours of museum collection</i>	
LSUMNS Night at the Museum – Birds <i>Education event for the general public</i>	Sep 2017
LSU Museum of Natural Science Birdathon fundraiser <i>Coordinator</i>	Apr 2017
LSUMNS 6 th Grade Day <i>Specimen preparation exhibit, and outreach for local 6th grade students</i>	Jan 2017
LSUMNS Special Saturdays – Birds & Beaks <i>Talks and activities about birds for 5-12 year old kids</i>	Dec 2016
Baton Rouge Westdale Middle School Family STEM night <i>Outreach to middle school kids for Museum of Natural Science</i>	Nov 2016
LSU Museum of Natural Science Birdathon fundraiser <i>Coordinator</i>	Apr 2016
LSUMNS 6 th Grade Day <i>Museum tours and outreach for local 6th grade students</i>	Nov 2015
LATM LSTA Conference <i>Outreach to local school teachers</i>	Nov 2015
LSU Museum of Natural Science Birdathon fundraiser <i>Team member</i>	Apr 2015

Reviews provided: *Molecular Phylogenetics and Evolution*, *Western Birds*, *Check List*, *Journal of Natural History*

MUSEUM EXPEDITIONS

PERU; Ucayali lowlands, vic. Masisea <i>Joint LSUMZ/CORBIDI expedition (407 bird specimens)</i>	Aug - Sep 2019
UNITED STATES; Arizona (co-led with Matthew L. Brady) <i>LSUMZ expedition (131 bird specimens)</i>	Jul 2019
INDONESIA; central Sumatra <i>Joint LSUMZ/MZB expedition (278 bird & 450 mammal specimens)</i>	Feb – Apr 2018
BOLIVIA; Serrania Siberia and Chuquisaca <i>Joint LSUMZ/MHNNKM expedition (398 bird specimens)</i>	Jan 2018
UNITED STATES; Texas, Trans-Pecos region <i>LSUMZ expedition (206 bird specimens)</i>	May 2017
PERU; Cordillera Azul (expedition leader) <i>Joint LSUMZ/CORBIDI expedition (44 bird specimens)</i>	Sep – Oct 2016
PERU; Rio Huallaga <i>Joint LSUMZ/CORBIDI expedition (800 bird specimens)</i>	Jun – Jul 2016
EQUATORIAL GUINEA; Bioko Island and Oyala (co-led with Ryan S. Terrill) <i>Joint LSUMZ/KU expedition (363 bird specimens)</i>	Jan – Feb 2016
PERU; Cerros del Sira, Gran Pajonal, and upper Rio Ucayali (co-led with Glenn F. Seeholzer) <i>Joint LSUMZ/CORBIDI expedition (420 bird specimens)</i>	Sep – Oct 2015

PROFESSIONAL EXPERIENCE

Smithsonian Migratory Bird Center; Madison, Indiana <i>Crew Leader; breeding demography of Wood Thrush</i>	Apr 2014 – Aug 2014
Stanford University; San Vito, Costa Rica <i>Lead Bird Bander; effects of coffee farms on bird diversity</i>	Jan 2014 – Mar 2014
WEST, Inc.; Riverside County, California <i>Field Biologist; Environmental impact surveys for solar farms</i>	Aug 2013 – Dec 2013
Great Basin Bird Observatory; Lake Havasu City, Arizona <i>Field Technician; Territory mapping of riparian breeding birds</i>	Mar – Jun 2013
Kaua'i Endangered Seabird Recovery Project; Hanapepe, Hawaii <i>Endangered Seabird Field Assistant, Avian Research Technician; surveys of endangered seabirds</i>	Mar 2011 – Oct 2012
Point Reyes Bird Observatory; Southeast Farallon Island, California <i>Migratory Landbird Intern; banding and surveys of migratory birds</i>	Aug – Oct 2010, Oct – Dec 2011
UC Santa Cruz – Croll Lab; Santa Cruz, California <i>Volunteer; gull and raven surveys</i>	Sep 2009 – Mar 2010
UC Santa Cruz – Gilbert Lab; Santa Cruz, California <i>Volunteer; bird and mammal surveys on long-term ecological research plot</i>	Apr 2009 – Jan 2010
Smithsonian Institution; Santa Cruz Island, California <i>Field Assistant; banding and monitoring Island Scrub-Jays</i>	Jun 2008
UC Santa Barbara; Fairbanks, Alaska <i>Field Assistant; Experimental research on Yellow Warbler breeding biology</i>	May – Jul 2007
Shearwater Journeys; central California <i>Tour leader; Pelagic bird and whale tours</i>	Aug 2006 – Aug 2010
Ventana Wilderness Society, Big Sur Ornithology Lab; Big Sur, California <i>Conservation Ecology Intern, Bird Bander; long-term migration monitoring</i>	May – Jul 2006
Christmas Bird Count; Niland, California <i>Count Coordinator and Compiler</i>	Dec 2005 – Dec 2014

CERTIFICATIONS

Wilderness First Responder – SOLO Schools International	Jun 2019
Adult and child CPR and AED – American Red Cross	Jul 2012, May 2015
Basic Helicopter and External Load Safety – IAT Course	Apr 2012
Wilderness First Aid – Wilderness Medical Training Center	Jun 2011

AFFILIATIONS AND MEMBERSHIPS

Committee Member, California Bird Records Committee	Jan 2010 – Jan 2013
Board of Directors, Central Valley Bird Club	Nov 2009 – Nov 2014
Member, American Association for the Advancement of Science	2015 – present
Member, Society of Systematic Biologists	2016 – present
Member, Neotropical Bird Club	2015 – present
Member, American Ornithologists Society	2014 – present
Member, Western Field Ornithologists	2005 – present
Member, Central Valley Bird Club	Nov 2004 – Nov 2014
Member, American Birding Association	Sep 2004 – Sep 2008

TECHNICAL SKILLS

- Bird specimen collection and preparation (965 bird specimens prepared)
- Proficient in banding and processing songbirds, seabirds, and owls.
- Navigational skills: Can use 4WD, map, compass, and GPS.
- Familiar with mist nets, bal-chatri traps, Sherman traps, nest cameras, iButtons, telemetry techniques.
- Ability to identify all North American, Hawaiian, Mexican, Central American, Peruvian, and Caribbean bird species by sight, and most by sound.
- Basic knowledge of Californian and Hawaiian flora, mammals, reptiles, amphibians, and butterflies.
- Database management: familiar with Excel, Access, Filemaker, and ArcGIS.