Michael G. Harvey

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RESEARCH AND ACADEMIC APPOINTMENTS:

2020 – present	Assistant Professor	The University of Texas at El Paso (UTEP) Department of Biological Sciences
2018 – 2020	Postdoctoral Researcher	University of Tennessee, Knoxville, TN *(Advisor: Elizabeth P. Derryberry)*
2016 – 2017	Postdoctoral Fellow	University of Michigan, Ann Arbor, MI *(Sponsor: Daniel L. Rabosky)*

EDUCATION:

2010 – 2015	Ph.D. Biology	Louisiana State University, Baton Rouge, LA *(Advisor: Robb T. Brumfield)*
2004 – 2008	B.A. Biology	Cornell University, Ithaca, NY *(Advisor: John W. Fitzpatrick)*

CERTIFICATIONS AND FELLOWSHIPS:

Center for Strategic and International Studies AIF Fellow (2022)
UTEP Center for Instructional Design Teaching Hybrid Academy Certification (2020)
Center for the Integration of Research, Teaching, and Learning; Associate Certification (2020)
National Science Foundation, Postdoctoral Research Fellowship in Biology (2016-2017)
Louisiana State University, Mary Lou Applewhite Fellowship (2014)

PEER-REVIEWED PUBLICATIONS:

1. Sangster G, **Harvey MG**, Gaudin J, Claramunt S. 2023. A new genus for *Philydor erythrocercum* and *P. fuscipenne* (Aves; Furnariidae). ***Zootaxa*** 5361, 297-300.
2. Van Els P, **Harvey MG**, Capurucho JMG, Brumfield RT, Whitney BM, Pacheco JF. 2023. Systematics of the Neopelminae (Aves: Passeriformes; Pipridae) with description of a new genus. ***Zootaxa*** 5361, 135-141.
3. LaRue EA, Downing AG, Saucedo S, Rocha A, Zesati SAV, Mata-Silva V, **Harvey MG**. 2023. Diversity-volume relationships: adding structural arrangement and volume to species—area relationships across forest macrosystems. ***Ecography*** 2023, e06723.
4. Johnson O, Ribas CC, Aleixo A, Naka LN, Harvey MG, Brumfield RT. 2023. Amazonian birds in more dynamic habitats have less population genetic structure and higher gene flow. ***Molecular Ecology*** 32, 2186-2205.
5. Herman RA, Winger BM, Dittmann DL, **Harvey MG**. 2022. Fine-scale population genetic structure and barriers to gene flow in a widespread seabird (*Ardenna pacifica*). ***Biological Journal of the Linnean Society*** 137, 125-136.

6. Tobias JA, et al. (115 authors). 2022. AVONET: morphological, ecological, and geographical data for all birds. ***Ecology Letters*** 25, 581-597.
7. Stopiglia R, Barbosa W, Ferreira M, Raposo MA, Dubois A, **Harvey MG**, Kirwan GM, Forcato G, Bockmann FA, Ribas CC. 2022. Taxonomic challenges posed by discordant evolutionary scenarios supported by molecular and morphological data in the Amazonian *Synallaxis rutilans* group (Aves: Furnariidae). ***Zoological Journal of the Linnean Society*** 195, 65-87.
8. Singhal S, Derryberry GE, Bravo GA, Derryberry EP, Brumfield RT, **Harvey MG**. 2021. The dynamics of introgression across an avian radiation. ***Evolution Letters*** 5: 568-581.
9. Hernández F, Brown JI, Kaminski M, **Harvey MG**, Lavretsky P. 2021. Genomic evidence for rare hybridization and large demographic changes in the evolutionary histories of four North American dove species. ***Animals*** 11: 2677.
10. Smith BT, Gehara M, **Harvey MG**. 2021. The demography of extinction in eastern North American birds. ***Proceedings of the Royal Society B: Biological Sciences*** 1944: 20201945.
11. Moncrieff AE, Johnson O, Felix C, Hiller A, Corbett E, Brady M, Seeholzer G, Bautista E, Lane DF, **Harvey MG**. 2020. Avifaunal surveys in the central Peruvian Amazon clarify range limits and highlight links between avian and habitat diversity. ***Wilson Journal of Ornithology*** 132: 934-951.
12. **Harvey MG**, Bravo GA, Claramunt S, Cuervo AM, Derryberry GE, Battilana J, Seeholzer GF, Shearer McKay J, O'Meara BC, Faircloth BC, Edwards SV, Pérez-Emán J, Moyle RG, Sheldon FH, Aleixo A, Smith BT, Chesser RT, Silveira LF, Cracraft J, Brumfield RT, Derryberry EP. 2020. The evolution of a tropical biodiversity hotspot. ***Science*** 370: 1343-1348.
13. Chesser RT, **Harvey MG**, Brumfield RT, Derryberry EP. 2020. A revised classification of the Xolmiini (Aves: Tyrannidae: Fluvicolinae), including a new genus for *Muscisaxicola fluviatilis*. ***Proceedings of the Biological Society of Washington*** 133: 35-48.
14. Settlecowski AE, Cuervo AM, Tello JG, **Harvey MG**, Brumfield RT, Derryberry EP. 2020. Investigating the utility of traditional and genomic multi-locus datasets to resolve relationships in *Lipaugus* and *Tijuca* (Cotingidae). ***Molecular Phylogenetics and Evolution*** 147: 106779.
15. Lim HC, Shakya S, **Harvey MG**, Moyle RG, Fleischer RC, Braun MJ, Sheldon FH. 2020. Opening the door to greater phylogeographic inference in Southeast Asia: Comparative study of five co-distributed rainforest bird species using target capture and historical DNA. ***Ecology and Evolution*** 10: 3222-3247.
16. **Harvey MG**, Singhal S, Rabosky DL. 2019. Beyond reproductive isolation: Demographic controls on the speciation process. ***Annual Review of Ecology, Evolution, and Systematics*** 50: 75-95.
17. Oliveros CH, Field DJ, Ksepka DT, Barker FK, Aleixo A, Andersen MJ, Alström P, Benz BW, Braun EL, Braun MJ, Bravo GA, Brumfield RT, Chesser RT, Claramunt S, **Harvey MG**, Hosner PA, Joseph L, Kimball R, Mack AL, Miskelly CM, Peterson AT, Robbins MB, Sheldon FH, Silveira LF, Smith BT, White ND, Moyle RG, Faircloth BC.

2019. Earth history and the passerine superradiation. ***Proceedings of the National Academy of Sciences*** 116: 7916-7925.

18. Moncrieff AE, Johnson O, Lane DF, Álvarez Alonso J, Balta K, Eckhardt K, Armenta J, Valqui T, Hernández Camacho F, Soto Huaira M, Mur C, **Harvey MG**, Verde-Guerra K, 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: 486-501.
19. Oswald JA, **Harvey MG**, Remsen RC, Dittmann DL, Cardiff SW, Brumfield RT. 2019. Evolutionary dynamics of hybridization and introgression following the recent colonization of Glossy Ibis (Aves: *Plegadis falcinellus*) into the New World. ***Molecular Ecology*** 28: 1675-1691.
20. **Harvey MG**, Rabosky DL. 2018. Continuous traits and speciation rates: Alternatives to state-dependent diversification models. ***Methods in Ecology and Evolution*** 9: 984-993.
21. **Harvey MG**, Aleixo A, Ribas CC, Brumfield RT. 2017. Habitat association predicts genetic diversity and population divergence in Amazonian birds. ***American Naturalist*** 190: 631-648.
22. **Harvey MG**, Seeholzer GF, Smith BT, Rabosky DL, Cuervo AM, Brumfield RT. 2017. Positive association between population genetic differentiation and speciation rates in New World birds. ***Proceedings of the National Academy of Sciences*** 114: 6328-6333.
23. Smith BT, Seeholzer GF, **Harvey MG**, Cuervo AM, Brumfield RT. 2017. A latitudinal intraspecific diversity gradient in birds. ***PLoS Biology*** 15: e2001073.
24. Lim HC, Shakya S, **Harvey MG**, Rahman M, Sheldon FH. 2017. Sundaland's east-west rainforest population structure: Variable manifestations in four polytypic bird species examined using RAD-Seq and plumage analysis. ***Journal of Biogeography*** 44: 2259-2271.
25. Costa TV, Piacentini VQ, Oliveira DMM, Schunck F, Whitney BM, Rêgo M, Rubio TC, Oliveira F, Freitas B, Del-Rio G, Seeholzer GF, **Harvey MG**, Terrill RS, Correa AG, Arantes F, Silveira LF. 2017. New records of the enigmatic *Clytoctantes atrogularis* (Thamnophilidae) in Amazonian Brazil, with remarks on plumage, natural history, and distribution. ***Wilson Journal of Ornithology*** 129: 1-12.
26. **Harvey MG**, Smith BT, Glenn TC, Faircloth BC, Brumfield RT. 2016. Sequence capture versus restriction site associated DNA sequencing for shallow systematics. ***Systematic Biology*** 65: 910-924.
27. Oswald JA, **Harvey MG**, Remsen RC, Foxworth DU, Cardiff SW, Dittmann DL, Megna LC, Carling MD, Brumfield RT. 2016. Willet be one species or two?: A genomic view of the evolutionary history of *Tringa semipalmata*. ***Auk*** 133: 593-614.
28. Zucker MR, **Harvey MG**, Oswald JA, Cuervo A, Derryberry E, Brumfield RT. 2016. The Mouse-colored Tyrannulet (*Phaeomyias murina*) is a species complex that includes the Cocos Flycatcher (*Nesotriccus ridgwayi*), an island form that underwent a population bottleneck. ***Molecular Phylogenetics and Evolution*** 101: 209-302.
29. Toews DPL, Campagna L, Taylor S, Balakrishnan C, Baldassarre D, Dean-Coe P, **Harvey MG**, Hooper D, Irwin D, Judy CD, Mason NA, McCormack JE, McCracken

KG, Oliveros CH, Safran RJ, Scordato ESC, Faust Stryjewski K, Tigano A, Uy JAC, Winger BM. 2016. Genomics approaches to understanding population divergence and speciation in birds. ***Auk*** 133: 13-30.

30. **Harvey MG**, Judy CD, Seeholzer GF, Maley JM, Graves GR, Brumfield RT. 2015. Similarity thresholds used in DNA sequence assembly from short reads reduce the comparability of population histories across species. ***PeerJ*** 3: e895.
31. **Harvey MG**, Brumfield RT. 2015. Genomic variation in a widespread Neotropical bird (*Xenops minutus*) reveals divergence, population expansion, and gene flow. ***Molecular Phylogenetics and Evolution*** 83: 305-316.
32. Smith BT, McCormack JE, Cuervo AM, Hickerson MJ, Aleixo A, Cadena CD, Pérez Eman JE, Burney CW, Xie X, **Harvey MG**, Faircloth BC, Glenn TC, Derryberry EP, Prejean J, Fields S, Brumfield RT. 2014. The drivers of tropical speciation. ***Nature*** 515: 406-409.
33. Smith BT, **Harvey MG**, Faircloth BC, Glenn TC, Brumfield RT. 2014. Target capture and massively parallel sequencing of ultraconserved elements (UCEs) for comparative studies at shallow evolutionary timescales. ***Systematic Biology*** 63: 83-95.
34. **Harvey MG**, Seeholzer GF, Cáceres Apaza D, Winger BM, Tello JG, Hernández Camacho F, Aponte Justiniano M, Duffie CV, Figueroa Ramírez S, Terrill RS, Brown CE, Alza Léon LA, Bravo GA, Combe M, Custodio O, Quiñonez Zumaeta A, Urbay Tello A, Garcia Bravo WA, Savit AZ, Pezo Ruiz FW, Mauck WM, Barden O. 2014. Avian Biogeography of an Amazonian headwater: The upper Ucayali River, Peru. ***Wilson Journal of Ornithology*** 126: 179-191.
35. Terrill RS, Aponte Justiniano MA, **Harvey MG**, Seeholzer GF, Strem RI. 2014. Notes on the avifauna of the Río Mamoré, Beni, Bolivia, with a description of the juvenile plumage of Unicolored Thrush (*Turdus haplochrous*)(Aves: Turdidae). ***Occasional Papers of the LSU Museum of Natural Science*** 82: 1-21.
36. **Harvey MG**, Lane DF, Hite J, Terrill RS, Figueroa Ramírez S, Smith BT, Klicka J, Vargas Campos W. 2014. Notes on bird species in bamboo in northern Madre de Dios, Peru including the first Peruvian record of Acre Tody-Tyrant (*Hemitriccus cohnhafti*). ***Occasional Papers of the LSU Museum of Natural Science*** 81: 1-38.
37. Carstens BC, Brennan RS, Chua V, Duffie CV, **Harvey MG**, Koch RA, McMahan CD, Nelson BJ, Newman CE, Satler JD, Seeholzer G, Posbic K, Tank DC, Sullivan J. 2013. Model selection as a tool for phylogeographic inference: An example from the willow *Salix melanopsis*. ***Molecular Ecology*** 22: 4014-4028.
38. McCormack JE, **Harvey MG**, Faircloth BC, Crawford NG, Glenn TC, Brumfield RT. 2013. A phylogeny of birds based on over 1,500 loci collected by target enrichment and high-throughput sequencing. ***PLoS One*** 8: e54848.
39. Faircloth BC, McCormack JE, Crawford NG, **Harvey MG**, Brumfield RT, Glenn TC. 2012. Ultraconserved elements anchor thousands of genetic markers for target enrichment spanning multiple evolutionary timescales. ***Systematic Biology*** 61: 717-726.
40. Seeholzer GF, **Harvey MG**, Winger BM, Cáceres Apaza D, Weckstein JD. 2012. A new species of barbet (Aves: Capitonidae) from the Cerros del Sira of central Peru. ***Auk*** 129: 551-559.

41. **Harvey MG**, Winger BM, Seeholzer GF, Cáceres Apaza D. 2011. Avifauna of the Gran Pajonal and southern Cerros del Sira, Peru. ***Wilson Journal of Ornithology*** 123: 289-315.
42. Bonter DN, **Harvey MG**. 2008. Winter survey data reveal range-wide decline in Evening Grosbeak populations. ***Condor*** 110: 376-381.
43. Lebbin DJ, **Harvey MG**, Lenz TC, Andersen MJ, Ellis JM. 2007. Nocturnal migrants foraging at night by artificial light. ***Wilson Journal of Ornithology*** 119: 506-508.
44. **Harvey MG**, Bonter DN, Stenzler LM, Lovette IJ. 2006. A comparison of plucked feathers versus blood samples as DNA sources for molecular sexing. ***Journal of Field Ornithology*** 77: 136-140.

GRANTS and AWARDS:

2023	National Science Foundation REU Supplement	$20,700
2023	LSAMP-NICE Faculty Mentor Award	$13,000
2022	National Science Foundation Grant	$1,047,105
2021	UTEP University Research Institute Award	$5,000
2019	American Ornithologist's Society Postdoctoral Research Award	$2,450
2016 – 2017	National Science Foundation Postdoctoral Research Fellowship	$138,000
2016	North American Ornithological Conference Travel Award	$175
2016	LSU College of Science Outstanding Dissertation Award	$500
2015	Society for the Study of Evolution Hamilton Award finalist	$500
2015	NSF/SSB Workshop Travel Award	$1,750
2014	Mary Lou Applewhite Fellowship, Louisiana State University	$11,250
2014	American Ornithologist's Union Student Travel Award	$375
2013	American Ornithologist's Union Student Travel Award	$500
2012	LSU BioGrads Research Symposium Award	$50
2012	Nuttall Ornithological Club Blake-Nuttall Award	$2,500
2012	Lewis and Clark Research Award	$4,000
2012	National Geographic Society Grant	$20,000
2012	American Ornithologist's Union Research Award	$2,500
2012	T. Vinton Holmes Award, Louisiana State University	$500
2012	NSF Doctoral Dissertation Improvement Grant	$15,000
2012	North American Ornithological Conference Travel Award	$500
2011	Neotropical Ornithological Conference Travel Award	$550
2011	LSU Virginia L. Mouw Award in Ornithology	$400
2010	National Geographic Society Grant	$24,000
2008	Cornell Lab of Ornithology Student Research Grant	$20,000
2008	National Geographic Society Young Explorer's Grant	$5,000
2008	Explorer's Club Youth Activity Award	$1,500
2007	Cornell Lab of Ornithology Student Research Grant	$4,000
2006	American Ornithologist's Union Student Travel Award	$550
2005 – 2008	Hunter R. Rawlings Cornell Presidential Research Scholarship	$5,000

PRESENTATIONS:

First-authored Invited Talks:

1. Standing species richness shapes the tempo and mode of avian speciation across the Neotropics. Speciation in the Tropics: 70 Years Since Dobzhansky Symposium talk. **Evolution**, Cleveland, Ohio (2022).
2. Speciation dynamics and the origins of Neotropical bird diversity. Invited seminar at New Mexico State University, Las Cruces, New Mexico (2021).
3. Connecting micro- and macroevolution using comparative genomics. Invited seminar at the Universidad Nacional de San Augustín, Arequipa, Peru (2019).
4. A comprehensive phylogeny of suboscine birds and the origins of Neotropical avian megadiversity. Genomic approaches to understanding adaptation and diversification of birds in biodiversity hotspots symposium talk. **Annual meeting of the American Ornithological Society**, Tucson, Arizona (2018).
5. Connecting micro- and macroevolution using comparative genomics of museum specimens. Genomics and Collections: Adaptation to Macroevolution invited speaker. **CSIRO/ANU Center for Biodiversity Analysis annual conference**, Canberra, Australia (2017).
6. Population divergence predicts evolutionary diversification in New World birds. Hamilton Award Symposium talk. **Evolution**, Guarujá, Brazil (2015).
7. Comparative phylogeography using genomic datasets. Avian genomics symposium talk, **Annual meeting of the American Ornithologist's Union**, Estes Park, Colorado (2014).
8. SNPs versus sequences for phylogeography - an exploration using simulations and massively parallel sequencing in a non-model bird. Society of Systematic Biologists Symposium talk. **Evolution**, Snowbird, Utah (2013).

First-authored Contributed Talks:

1. Michael Harvey (Research Program and Lab Overview). **Seventh North American Ornithological Conference** (2020).
2. A comprehensive phylogeny of suboscine birds and the origins of Neotropical avian megadiversity. **International Ornithological Congress**, Vancouver, Canada (2018).
3. Diversification of suboscine birds based on a genome-wide species-level phylogeny. **Evolution**, Portland, Oregon (2017).
4. Continuous traits and lineage diversification rates: Alternatives to formal state-dependent diversification models. **Society of Systematic Biologists Meeting**, Baton Rouge, Louisiana (2017).
5. Contrasting evolutionary histories between birds of upland and floodplain forest in the Amazon. **American Society of Naturalists Meeting** (Asilomar, California, 2016), **Evolution** (Austin, TX, 2016), and **Sixth North American Ornithological Conference** (Washington, D.C., 2016).
6. Comparative phylogeography using genomic datasets. **Annual meeting of the American Ornithologist's Union**, Estes Park, Colorado (2014).

7. Harnessing genomics for evolutionary study of Neotropical birds. **Third Meeting of the Network for Neotropical Biogeography**, Bogotá, Colombia (2014).
8. Phylogeography of the Neotropical bird *Xenops minutus* using genome-wide single nucleotide polymorphisms. **Annual meeting of the American Ornithologist's Union**, Chicago, Illinois (2013).
9. Genomic phylogeography of lowland Neotropical birds using ultraconserved elements (UCEs). **Fifth North American Ornithological Conference**, Vancouver, Canada (2012).
10. Genomic ultraconserved elements (UCEs) - information content for phylogenetics and phylogeography in birds. **First Joint Congress on Evolutionary Biology**, Ottawa, Canada (2012).

TEACHING EXPERIENCE:

Instructor

- Genetics (UTEP junior-level course, 2020 – 2023)
- Biosystematics (UTEP graduate course, 2023)
- Advances in Ecology and Evolution (UTEP team-taught graduate course, 2023)
- Birds and Mammals (UTEP senior-level course, 2024)
- Workshop on Short DNA Sequence Read Assembly for Comparative Studies in Non-Model Organisms. Universidad Nacional de San Agustín, Arequipa, Peru (2019).
- Workshop on Ultraconserved Elements. Louisiana State University, Baton Rouge, LA (2013).

Teaching Assistant

- Principles of Genetics (Louisiana State University sophomore-level course, 2010)
- Biology for Science Majors (Louisiana State University introductory course, 2010)
- Ornithology (Cornell University senior-level course, 2008)

Mentorship

- Michael Buontempo, Ph.D. student, UTEP (2021 –)
- Manuelita Maria Camila Sotelo, Ph.D. student, UTEP (2022 –)
- Emily Johns, Ph.D. student, UTEP (2022 –)
- Sebastian Escobar, undergraduate student at UTEP (2023 –)
- Matthew Kalman, undergraduate student at UTEP (2023 –)
- Laura Ochoa, undergraduate student at UTEP (2023 –)
- Ashlee Portz, undergraduate student at UTEP (2023 –)
- Connor O'Brien, undergraduate REU student at UTEP (2022)
- Adriana Hinojos, undergraduate student at UTEP (2022 –)
- Deandra Silva, undergraduate student at UTEP (2022 –)
- Andrea Sarinana, undergraduate student at UTEP (2021 –)
- Pablo Solis, undergraduate student at UTEP (2021 –)
- Ximena Larrieu, undergraduate student at UTEP (2021 –)
- Uriel Santillana, undergraduate student at UTEP (2021 – 2022)

- Miguel Solis, undergraduate student at UTEP (2021 – 2022)
- Eduardo. Rodriguez, undergraduate student at UTEP (2021 – 2022)
- Bonnie Raechal Beres, undergraduate REU student at UTEP (2021)
- Evan Buck, undergraduate student at University of Tennessee (2018-2019)
- Patrick Sisler, undergraduate student at University of Tennessee (2018-2019)
- Marc Zucker, undergraduate student at Louisiana State University (2014 – 2016)
- Andrea Stacy, undergraduate student at Louisiana State University (2014)
- Rosalind Remsen, Baton Rouge High School, Baton Rouge, LA (2014 – 2015)
- Claudia Carrizales, undergraduate student at Louisiana State University (2011 – 2012)
- Diana Singh, undergraduate student at Louisiana State University (2011)
- Committee Member for two Master's students (Sara Gonzalez, Teslin Chaney)
- Mentored additional graduate students and postdoctoral researchers (Jessica Oswald, César Sanchez, Glaucia Del-Rio, Sara Lipshutz, Mae Berlow, and Rachael Herman) in sequence capture laboratory work, bioinformatics, computer programming, and statistics.

Guest Lecturer

- Field Biology (UTEP upper-level course, 2021)
- Evolution (SUNY Oneonta upper-level course, 2021)
- Ornithology (Texas A&M University – San Antonio upper-level course, 2021)
- Ornithology (University of Michigan upper-level course, 2016)
- Ornithology (Cornell University senior-level course, 2008)

SERVICE and OUTREACH:

- Ombudsman/Grievance Committee, Department of Biological Sciences, UTEP (2023 –)
- Hiring committee, Evolutionary Biologist Search, UTEP (2022)
- EEB curriculum committee, Department of Biological Sciences, UTEP (2022 –)
- Hiring committee, Infectious Disease Search, UTEP (2021)
- Biology Building space committee, Department of Biological Sciences, UTEP (2021 –)
- Member of Scientific Programming Committee for 2021 joint American Ornithological Society and Society of Canadian Ornithologists meeting
- Organizer of "Lights Out Texas" volunteer/outreach effort in El Paso (2021)
- Darwin Day thermal adaptation exercise, University of Tennessee (2020)
- FossilFest outreach activity, McClung Museum and Norwood Elem. School (2019)
- Member of University of Tennessee EEB Diversity Committee (2019-2020)
- KidsU ornithology day/bird walk leader, University of Tennessee (2018)
- Reviewer for Graduate Women in Science (www.gwis.org) fellowship (2017, 2019)
- Coordinator of museum ornithology program for kids, Ann Arbor SummerFest (2017)
- Co-organizer of multi-lab reading group, University of Michigan (2016)
- Organizer of cross-departmental evolution reading group, Louisiana State University (2014 – 2015)
- Organizer, webmaster (www.lsubigday.org), and world birding big day record holder for LSU Peru Big Day Fundraiser and Outreach Effort (2014)
- Social coordinator for Louisiana State University BioGrads (2012 – 2013)

- Team member and first place, Peru Birding Rally Challenge (2012)
- Team member and Louisiana birding big day record holder, LSU Museum of Natural Science Annual Big Day (2010, 2012, 2014)
- Coordinator of LSU Museum of Natural Science Seminar Series (2010 – 2011)
- Led tours of LSU Museum of Natural Science for public visitors (2010 – 2016)
- Reviewer for scientific journals including *Science, Nature Communications*, *American Naturalist*, *Systematic Biology, Molecular Ecology, Evolution, Molecular Phylogenetics and Evolution, Auk, Journal of Field Ornithology, Cotinga,* and *Biotropica* (2010 – present)
- Contributor to popular publications including *Birds New to Science* (Helm Publishing), *The New Zoo* (Shoreline Publishing), *Highlights for Kids*, and *Neotropical Birding*.

MUSEUM EXPERIENCE:

Curatorial Work

2021 – pres. Curator of Birds, Biodiversity Collections, The University of Texas at El Paso
2012 – 2013 Curatorial Assistant in Ornithology, LSU Museum of Natural Science
2011 – 2012 Curatorial Assistant in Genetic Resources, LSU Museum of Natural Science
2007 – 2008 Collections Assistant, Macaulay Library of Natural Sounds, Cornell University

Led or participated in multi-national museum field expeditions to Peru (5), Brazil (2), Bolivia (2), Costa Rica (1), Kyrgyzstan (1), Mexico (1), and Democratic Republic of the Congo (1) between 2008 and present. These trips have resulted in the addition of over 6,000 data-rich bird specimens to collections across different institutions.