

Elsie H. Shogren, Ph.D.

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APPOINTMENTS

Assistant Professor Wake Forest University • Department of Biology	2025 – present
Postdoctoral Research Associate University of Rochester • Department of Biology Advisor: Dr. J.A.C. Uy	2023 – 2024
National Science Foundation Postdoctoral Fellow University of Rochester • Department of Biology Advisors: Dr. J.A.C. Uy, Dr. Nancy Chen	2020 – 2023

EDUCATION

Ph.D., Kansas State University , Manhattan, KS Division of Biology • Advisor: Dr. Alice Boyle Ph.D. Title: Dancing in the rain: selective drivers of variability in Neotropical Manakins	2020
Organization for Tropical Studies , San José, Costa Rica Graduate course: Tropical Biology: An Ecological Approach	2015
B.S., Cornell University , Ithaca, NY Ecology and Evolutionary Biology	2012

PEER-REVIEWED PUBLICATIONS

Shogren, E.H., N. Paru, J. Pepere, G. Wabasea, M. Wabasea, A.C. Stein, J.A.C. Uy, 2026. Strong assortative mating with nest site partitioning may facilitate species coexistence during secondary contact in island birds. *Evolution* in press.

Balakrishnan, C.N., [9 coauthors], **E.H. Shogren**, [46 co-authors], M.W. Baldwin, 2026. Sensory, physiological, and genomic changes in a sexually-selected Neotropical avian radiation. *Current Biology* doi: 10.1016/j.cub.2026.05.021

Muirhead, C.A., E. Martí, **E.H. Shogren**, J.A.C. Uy, D.C. Presgraves, 2025. Genomic origins and evolution of neo-sex chromosomes in Pacific-island birds. *Proceedings of the National Academy of Sciences* doi: 10.1073/pnas.2503746122

Shogren, E.H., J.M. Sardell, C.A. Muirhead, R.G. Moyle, D.C. Presgraves, J.A.C. Uy, 2024. Recent secondary contact, genome-wide admixture, and limited introgression of neo-sex chromosomes between two Pacific island bird species. *PLOS Genetics*. *PLOS Genetics* doi: 10.1371/journal.pgen.1011360

Shogren, E.H., M. Anciães, J. Barske, C. Cestari, E.H. DuVal, M.G. Gaiotti, E.I. Johnson, R.T. Kimball, M. Marini, T.B. Ryder, M.N. Scholer, J. Ungvári, S.A. White, W.A. Boyle, 2022. Dancing drives evolution of sexual size dimorphism in manakins. *Proceedings of the Royal Society B*. doi: 10.1098/rspb.2021.2540

Shogren, E.H., M.A. Jones, W.A. Boyle, 2021. Dancing in the rain: how do abiotic conditions influence sexually selected behaviors in the White-ruffed Manakin? *Integrative and Comparative Biology*. doi: 10.1093/icb/icab085

Shogren, E.H., W.A. Boyle, 2021. Spread the word: male manakins advertise the presence of display sites with neighboring competitors. *Animal Behaviour*. doi: 10.1016/j.anbehav.2021.04.026

Boyle, W.A., **E.H. Shogren**, J.D. Brawn, 2020. Hygric niches for tropical endotherms. *Trends in Ecology and Evolution*. doi: 10.1016/j.tree.2020.06.011

KATMA AWARD, AMERICAN ORNITHOLOGICAL SOCIETY

Boyle, W.A., **E.H. Shogren**, 2019. Sex and deception: a rare case of cheating in a lekking tropical bird. *Journal of Ethology*, 37:151-155. doi: 10.1007/s10164-019-00592-8

Shogren, E.H., M.A. Jones, B.K. Sandercock, and W.A. Boyle, 2019. Factors affecting apparent survival of tropical birds in a wet, premontane forest. *Journal of Field Ornithology*, 90:117-127. doi: 10.1111/jfo.12290

BEST STUDENT PUBLICATION, JOURNAL OF FIELD ORNITHOLOGY, 2019

OTHER RESEARCH PRODUCTS

Shogren, E.H., 2026. Publicly available dataset for *Strong assortative mating with nest site partitioning may facilitate species coexistence during secondary contact in island birds*. doi: 10.5061/dryad.fttdz0983

Shogren, E.H., 2023. Pipeline and scripts associated with *Myzomela* population genomics study. <https://github.com/ehshogren/MyzomelaPopulationGenomics>

Shogren, E.H., 2022. Cognition: “caching” in to find the genetic basis of spatial cognitive ability. *Current Biology*, 32:R37-R39. doi: 10.1016/j.cub.2021.11.048

Shogren, E.H., 2022. Publicly available dataset for *Dancing drives evolution of sexual size dimorphism in manakins*. doi: 10.5061/dryad.ns1rn8pvp

Shogren, E.H., 2021. Publicly available dataset for *Spread the word: male manakins advertise the presence of display sites with neighboring competitors*. doi: 10.5281/zenodo.4727815

Shogren, E.H., W.A. Boyle, 2018. Assembled *Corapipo altera* 10x genome, submitted to NCBI, to be included in collaborative publication describing additional new manakin genomes.

Shogren, E.H., 2011. Nacunda Nighthawk (*Chordeiles nacunda*), version 1.0. In Neotropical Birds Online (T.S. Schulenberg, Editor). Cornell Lab of Ornithology, Ithaca, NY, USA. doi: 10.2173/nb.nacnig1.01

Shogren, E.H., 2010. Andean Swallow (*Orochelidon andecola*), version 1.0. In Neotropical Birds Online (T.S. Schulenberg, Editor). Cornell Lab of Ornithology, Ithaca, NY, USA. doi: 10.2173/nb.andswa2.01

FELLOWSHIPS AND HONORS

American Ornithological Society Katma Award <i>Recognizing publication of novel framework, potentially transforming our way of thinking about the biology of birds</i> (\$2,500)	2021
National Science Foundation Postdoctoral Fellowship in Biology (\$207,000)	2020
US Dept. of Education Graduate Assistance in Areas of National Need Fellow (\$29,000)	2019
Kansas State University Christopher C. Smith Award for Outstanding Graduate Student in Evolutionary Biology (\$1000)	2019
Organization for Tropical Studies Scholarship (\$2,500)	2015

TEACHING

Instructor of Record

Wake Forest University, Winston-Salem, NC

Biology of Birds (BIO 301 Topics)

Fall 2026

Biology II Lab (BIO 160L)

Spring 2026

Biology II (BIO 160)

Spring 2026

Fall 2025

Spring 2025

University of Rochester, Rochester, NY

ROC Galápagos: Evolutionary Ecology

Fall 2023

Kansas State University, Manhattan, KS

Applied methods in population and statistical ecology

Spring 2020

LEADERSHIP & SERVICE

Member, Undergraduate Studies Committee, Department of Biology, WFU

2026 – present

Reviewer, Current Biology, Proceedings of the National Academy of Sciences, Philosophical Transactions of the Royal Society B, Scientific Reports, Molecular Ecology, Evolution, Journal of Evolutionary Biology, Communications Biology, Molecular Phylogenetics and Evolution, Behavioral Ecology, Heredity, Behavioral Ecology and Sociobiology, Biological Journal of the Linnean Society, Ornithology, Journal of Ornithology, The Condor: Ornithological Applications, Journal of Field Ornithology, Emu – Austral Ornithology

2018 – present

Interim Leader, Flight Paths Flock, affinity group and support network for ornithologists throughout their careers

2025 – present

Co-creator, Affinity Group for Career Stage, part of NSF-funded Flocks project incorporating American Ornithological Society, Wilson Ornithological Society, and Association for Field Ornithologists members

2024 – present

Member, Scientific Program Committee, American Ornithological Society

2024 – present

Judge, American Society of Naturalists Student Poster Presentations

2025

Judge, American Ornithological Society Student Presentations2023, 2024,
2025**Judge**, American Society of Naturalists Asilomar Student Presentations

2023

Postdoctoral Representative, Department of Biology Diversity Committee, University of Rochester

2022 – 2024

Judge, Association of Field Ornithologists Student Presentations

2022

Reviewer, Animal Behavior Society Student Research Grant Applications

2022

Panelist , What to Expect as a PhD Student, McNair Scholars Webinar, University of Rochester	2022
Panelist , University of Rochester STEMrecharge, <i>Establishing Meaningful Mentoring Relationships</i>	2021
Session chair , Evolution conference	2021
Member , Diversity & Inclusion Biological Sciences, University of Rochester	2020 – 2022
Symposium co-organizer , North American Ornithological Congress	2020
Facilitator , Manakin Research Collaboration Network meeting, Paraná, Brazil	2019
Member Graduate Reform Committee Biology Graduate Student Association, Kansas State University	2018
Facilitator , Active Learning Workshop, Division of Biology, Kansas State University	2017
Member Grants Committee Biology Graduate Student Association, Kansas State University	2017
Chair Faculty Awards Committee Biology Graduate Student Association, Kansas State University	2016
Member Seminar Committee Biology Graduate Student Association, Kansas State University	2016

RESEARCH AND TRAVEL AWARDS

Flocks Program Conference Organizer Travel Award (\$1500)	2026
American Ornithological Society Travel Award (\$346)	2023
Association of Field Ornithologists Travel Award (\$296)	2022
Kansas State University Arts & Sciences Graduate Student Travel Award (\$800)	2019
Kansas State University Graduate Student Council Travel Award (\$675)	2018
American Ornithological Society Travel Award (\$510)	2017
Organization for Tropical Studies Research Pilot Award (\$605)	2016

Kansas State University Biology Graduate Student Association Research Award (\$500)	2016
Kansas State University Arts & Sciences Graduate Student Research Travel Award (\$1,000)	2015

PRESENTATIONS

Invited Research Seminars

School of Biological Sciences, University of Oklahoma, Norman, OK (zoom)	2026
Department of Biology, Wake Forest University, Winston-Salem, NC	2024
Department of Ecology & Evolutionary Biology, University of Kansas, Lawrence, KS	2024
Evolution, Ecology, Genetics and Genomics Seminar, Department of Biology, University of Rochester, Rochester, NY	2024
Organismic and Evolutionary Biology Program, University of Massachusetts Amherst, Amherst, MA	2023
Department of Neurobiology and Behavior, Cornell University, Ithaca, NY	2023
Biological Sciences Department, State University of New York Oswego, Oswego, NY	2023
Evolution, Ecology, Genetics and Genomics Seminar, Department of Biology, University of Rochester, Rochester, NY	2020
Graduate Student Invited Seminar, Biology Department, Texas A&M University	2020
Manakin Genomics Research Coordination Network meeting, Paraná, Brazil	2019
Estes Park Environmental Exchange Program, El Pilón, Costa Rica	2019
Ecology and Evolutionary Biology Seminar Series, Division of Biology, Kansas State University	2019
Sistema Nacional de Áreas de Conservación, Guías de Rio Celeste, El Pilón, Costa Rica	2018
Benedictine College Biology Colloquium, Atchison, KS	2017
Sistema Nacional de Áreas de Conservación, El Pilón, Costa Rica	2017
Estes Park Environmental Center Field Trip, El Pilón, Costa Rica	2017

Invited Conference Presentations

3 rd Joint Congress on Evolutionary Biology, Montreal QC, Canada (invited symposium speaker)	2024
North American Ornithological Conference, virtual (oral)	2022
American Ornithological Society & Society of Canadian Ornithologist's Meeting, virtual (oral)	2021

Northeast Natural History Conference, virtual (oral)	2021
Society for Integrative and Comparative Biology Annual Meeting, virtual (oral)	2021
North American Ornithological Conference, virtual (oral)	2020

Contributed Conference Presentations

[†]denotes graduate student co-author

[§]denotes undergraduate student co-author

Salunkhe, A. [†] , J. Yoo [†] , E.H. Shogren . American Ornithological Society, Amherst, MA (poster)	2026
Yoo, J. [†] , K.S. Hobbs [†] , E.H. Shogren . American Ornithological Society, Amherst, MA (poster)	2026
Hobbs, K. [†] , A. Boyle, E.H. Shogren . American Ornithological Society, Amherst, MA (poster)	2026
Gyllenhaal, E.F., L.M. Goma, E.H. Shogren , J.A.C. Uy, B.C. Haller, J. Manthey, P.W. Messer. American Ornithological Society, Amherst, MA (oral)	2026
Heo, J. [†] , E.H. Shogren , D. Presgraves, J.A.C. Uy. American Ornithological Society, Amherst, MA (oral)	2026
Gyllenhaal, E.F., L.M. Goma, E.H. Shogren , J.A.C. Uy, B.C. Haller, J. Manthey, P.W. Messer. Evolution, Cleveland, OH (oral)	2026
American Ornithological Society, St. Louis, MO (oral)	2025
Heo, J. [†] , E.H. Shogren , D. Presgraves, J.A.C. Uy. American Ornithological Society, St. Louis, MO (oral)	2025
Evolution, Athens, GA (oral)	2025
American Ornithological Society, Estes Park, CO (oral)	2024
Great Lakes Annual Meeting of Evolutionary Genomics, Ithaca, NY (oral)	2023
American Ornithological Society - Society of Canadian Ornithologists, London, ON, Canada (oral)	2023
Conference of the American Society of Naturalists, Asilomar, Pacific Grove, CA (oral)	2023
Association of Field Ornithologists, Plymouth, MA (oral)	2022
Brown, P. [§] , J.A.C. Uy, E.H. Shogren . Association of Field Ornithologists, Plymouth, MA (poster)	2022
Behaviour, virtual (oral)	2021
Evolution, virtual (oral, session chair)	2021
Behaviour, Chicago, IL (oral)	2019
Ecological Genomics Summer Research Forum, Kansas State University (oral)	2019

Evolution, Providence, RI (oral)	2019
27 th International Ornithological Congress, Vancouver, BC, Canada (oral)	2018
American Ornithological Society/Society of Canadian Ornithologists national meeting, (poster)	2017

OUTREACH

Shogren, E.H. "Coexistence in closely related honeyeaters." <i>Overview of research efforts presented to the Forsyth County chapter of the Audubon Society</i>	2026
Shogren, E.H. "Coexistence in closely related honeyeaters." <i>Overview of research efforts in the Solomon Islands presented to the Rochester Birding Association</i>	2024
Shogren, E.H. "Avian research on the island of Makira in the Solomon Islands." <i>Hands on workshop explaining research techniques for high school students of F.M. Campbell School, Kirakira, Makira, Solomon Islands</i>	2023
Shogren, E.H., B. Perry, D. Schield. "Dancing, Birds, and Dancing Birds" <i>Soundtracks to Science podcast episode</i> https://open.spotify.com/episode/3Wf3xoVPokzWh2Nl6GNJPo?si=45e8473ad8184cb8	2022
Shogren, E.H. "Studying the kikito in Makira" <i>Introduction of research to students of F.M. Campbell School Kirakira, Makira, Solomon Islands</i>	2022
Shogren, E.H. and M. Muzzatti. "Meet a Scientist" <i>Featured in Mangum Student Video project for Society for Integrative and Comparative Biology Annual Meeting Symposium</i> https://www.youtube.com/watch?v=lt6aiCH3k7k&feature=emb_title	2021
Shogren, E.H. "Dancing in the rainforest and studying manakins" <i>Virtual presentation for the with Iowa Young Birders Science and Birds event.</i>	2020
Shogren, E.H., and Boyle lab. "Dance Dance Evolution: do male birds dance to compete, or impress the chicks?" <i>Outreach video detailing hypotheses, predictions, and experimental results of field study of White-ruffed Manakins in Costa Rica.</i> https://www.youtube.com/watch?v=fSXKTfy_sE&t=62s	2020
Shogren, E.H. "Apparent survival of tropical birds in a wet, premontane forest in Costa Rica" <i>Blog post for the Association of Field Ornithologists highlighting results of our paper for a broader audience.</i> http://afonet.org/wp_english/apparent-survival-of-tropical-birds-in-a-wet-premontane-forest-in-costa-rica/	2019
Shogren, E.H. "Growing up prairie: cowbirds, predators, and baby birds in Kansas grasslands" <i>A K-State Science Snapshots Blog highlighting the research of Sarah Winnicki.</i> https://sciencesnapshots.com/2018/11/15/growing-up-prairie-cowbirds-predators-and-baby-birds-in-kansas-grasslands/	2018
Shogren, E.H. and W.A. Boyle. "Investigación de <i>Corapipo altera</i> en Parque Nacional Volcán Tenorio"	2018

A permanently displayed poster providing information about our research in Spanish and English to >100k annual visitors from around the world

Parque Nacional Volcán Tenorio, El Pílon, Costa Rica

Boyle, W.A., **E.H. Shogren** “Aves del Parque Nacional Volcán Tenorio - Birds of Volcán Tenorio National Park”

A permanently displayed poster providing an introduction to the birds park visitors (>100k annually) may see during their visit.

Parque Nacional Volcán Tenorio, El Pílon, Costa Rica

2018

Shogren, E.H. “Dancing in the rain: the nitty gritty of field work in the rainforest”

A K-State Science Snapshots Blog detailing daily adventures occurring during my field season

2018

<https://sciencesnapshots.com/2018/05/02/dispatches-from-the-field-elsie-shogren-and-costa-rican-manakins/>

Boyle, W.A., M.R. Herse, **E.H. Shogren**, B. Verheijen, E.J. Williams, S.K. Winnicki. Boyle Lab Video Project: “More than meets the eye: Boyle lab research into the private lives of Kansas grassland birds”

An outreach video detailing research on grassland birds at Kansas State University. I helped develop the outline and edit video

2017

<https://www.youtube.com/watch?v=ITbUEQHJjZs>

Corey, T., A. Diaz, P. Iturralde, **E.H. Shogren**, K. Stanchak. “How to Make a Scientist”

An outreach video produced with Day’s Edge Productions as part of the OTS Graduate Program Science Communication Workshop

2015

<https://vimeo.com/132536578>

PROFESSIONAL SOCIETIES

American Society of
Naturalists

American
Ornithological Society

Association of Field
Ornithologists

Society for the
Study of Evolution