

Lauren D. Pharr

Graduate Research Assistant

lpharr@ncsu.edu | www.lpharr.com

Raleigh, NC 27695 USA

PROFESSIONAL SUMMARY

I am a Ph.D. student in the Department of Forestry and Environmental Resources at North Carolina State University (NCSU) pursuing a degree in Fisheries, Wildlife, and Conservation Biology. I primarily focus on the behavioral ecology and conservation of birds; as a past Global Change Fellow with the Southeast Climate Adaptation Science Center, my current research explores the impacts of potential drivers related to climate change on Red-cockaded Woodpecker reproductive success. As a heavy advocate for Diversity, Equity, and Inclusion, I currently serve as a student representative on NCSU's College of Natural Resources (CNR) Diversity, Equity, and Inclusion (DEI) Committee, CNR's Graduate Student DEI Coalition, and CNR's National Needs Fellowship Program Peer Mentor. I am also a co-founder of the non-profit, Field Inclusive, which seeks to support marginalized and historically underrepresented individuals in the natural science field. Both my research activities and DEI advocacy led me to earn the 2023 Governor's Conservation Achievement Award for Young Conservationist of the Year.

EDUCATION

| | |
|---|--------------|
| North Carolina State University Ph.D. Fisheries, Wildlife, and Conservation Biology | 2021-present |
| North Carolina State University M.S. Fisheries, Wildlife, and Conservation Biology | 2019-2021 |
| Wingate University B.S. Environmental Biology | 2015-2019 |

RESEARCH EXPERIENCE

| | |
|--|--------------|
| Graduate Research Assistant North Carolina State University <i>Dissertation:</i> Potential Interactions between Climate Change and Density-Dependent Factors Driving Population Dynamics of the Federally Endangered Red-cockaded Woodpecker Caren Cooper (Advisor) & Christopher Moorman (Co-advisor) | 2021-present |
| Graduate Research Assistant North Carolina State University <i>Thesis:</i> The Effects of Urban Noise and Light Pollution on Adult Avian Survivorship Caren Cooper (Advisor) | 2019-2021 |
| Undergraduate Student Wingate University <i>Project:</i> Changes in Vocal harmonics of the Chinese Blue-breasted Quail Edward Mills (Advisor) | 2017-2019 |
| Undergraduate Student Wingate University <i>Project:</i> The Effects of Twin Lambs on a Mature Ewe Alison Brown (Advisor) | 2016-2017 |

ACTIVITY SUMMARY

| | |
|---------------------------------|----|
| Research Presentations | 15 |
| Research Grants (\$13,500) | 9 |
| Organization Grants (\$37,000) | 1 |
| Peer-reviewed Publications | 3 |
| Courses Taught | 1 |
| Speaking Engagements | 33 |
| In the Media (General Audience) | 41 |

TEACHING and MENTORING EXPERIENCE

Teaching

Exploring the Environment (ENV 101) Fall 2022
North Carolina State University

Guest Lectures

Conservation of Natural Resources (FW 221) Sept. 2022
North Carolina State University

Mentoring

National Needs Fellowship Program Mentor
Forestry and Environmental Resources, **North Carolina State University** Spring 2023

Project Supervisor for Undergraduate Research Assistants Spring 2020
Project: “Cardinal Capture” (M.S. project), **North Carolina State University**

Undergraduate Course Project Mentor
Course: Urban Wildlife Management, **North Carolina State University** Fall 2019

RESEARCH GRANTS, FELLOWSHIPS, AND AWARDS (\$13,500)

Mecklenburg Audubon Society, Potential Interactions between Climate Change and Density-Dependent Factors Driving Population Dynamics of the Federally Endangered Red-Cockaded Woodpecker, \$1,000, Caren Cooper (PI) Christopher Moorman (PI) Lauren **Pharr** (Co-PI), awarded 10/2023. Young Conservationist of the Year, Governor's Conservation Achievement Awards. Awarded 6/2023.

Young Conservationist of the Year, Governor's Conservation Achievement Awards. Awarded 6/21/23

Sigma Xi Grants in Aid of Research, Does Phenological Mismatch cause Brood Reduction in the Federally Endangered Red-Cockaded Woodpecker? \$1000, Caren Cooper (PI) Christopher Moorman (PI) Lauren **Pharr** (Co-PI) awarded 1/23

Arthur W. Cooper Graduate Fellowship, North Carolina State University, \$500, awarded 4/22

Animal Behavior Society (with recognition for contributions to justice, equity, diversity and inclusion): Potential Interactions between Climate Change and Density-Dependent Factors Driving Population Dynamics of the Federally Endangered Red-cockaded Woodpecker, \$2,000, Caren Cooper (PI) Christopher Moorman (PI) Lauren **Pharr** (Co-PI) awarded 3/2022

American Wildlife Conservation Foundation: Potential Interactions between Climate Change and Density- Dependent Factors Driving Population Dynamics of the Federally Endangered Red-cockaded Woodpecker, \$3,000, Caren Cooper (PI) Christopher Moorman (PI) Lauren **Pharr** (Co-PI) awarded 8/2021

Forestry and Environmental Resources Faculty Fellowship for Excellence in Graduate Education, North Carolina State University, \$500, awarded 6/2021

Carolina Bird Club Research Grant: Potential Interactions between Climate Change and Density- Dependent Factors Driving Population Dynamics of the Federally Endangered Red-cockaded Woodpecker, \$3,000, Caren Cooper (PI) Christopher Moorman (PI) Lauren **Pharr** (Co-PI) awarded 5/2021

Southeast Climate Adaptation Science Center Global Change Fellowship, \$24,975, awarded 4/2021

The Alongside Wildlife Foundation Grant: The Effects of Urban Noise and Light Pollution on Songbird Physiology, \$1,000, Caren Cooper (PI) Lauren **Pharr** (Co-PI) awarded 11/2020.

North Carolina Wildlife Federation Scholarship: The Effects of Urban Noise and Light Pollution on Songbird Physiology, \$1,000, Caren Cooper (PI) Lauren **Pharr** (Co-PI) awarded 8/2020

Charles B. Davey Fellowship for Excellence in Biological Sciences, North Carolina State University, \$500, awarded 5/2020

Graduate Research Assistantship, North Carolina State University, \$21,000, awarded 8/2019

Undergraduate Research Award in Pure and Applied Sciences, Wingate University, awarded 5/2019

Contracts

The Nature Conservancy (TNC) & Department of Defense (DOD) Readiness and Environmental Protection Integration (REPI) Challenge Grant: How Climate Change is impacting Red-cockaded Woodpecker Productivity, awarded 6/16

PEER-REVIEWED PUBLICATIONS

Pharr, L.D., Cooper, C.B., Evans, B., Moorman, C.E. Voss, Margaret; Vukomanovic, J., Marra, P. 2023. "Using Citizen Science Data to Investigate Annual Survival Rates of Resident Birds in Relation to Noise and Light Pollution", *Urban Ecosystems*

- *In the Media:* [NC State University News](#), [Southeast Climate Adaptation Science Center](#), [The Wildlife Society](#), [MSN](#)

Pharr, L.D., Lanham, J. Drew. "The Hopeful Black Birder: Living Vicariously Through Birds", *Bulletin of the Ecological Society of America*

Beall, J. M., **Pharr, L. D.**, von Furstenberg, R., Barber, A., Casola, W. R., Vaughn, A., Peterson, M. N., Larson, L. R "How Social Media Influences Human Tolerance of Sharks", *Animal Conservation*

- *In the Media:* [Forbes](#); [NCSU CNR News](#); [North Carolina Sea Grant](#)

ORGANIZATION GRANTS AND AWARDS (\$37,300)

Bill Stewart Frontiers Fund, Frontiers of Ornithology, \$300, awarded 12/6/23.

Burroughs Wellcome Fund, Development of Online Field Social Safety Modules, \$37,000, Lauren D. **Pharr** (PI), Murry Burgess (Co-PI), awarded 10/31/23.

SERVICE AND OUTREACH

Professional

Grant Reviewer Winter 2023

Animal Behavior Society

Editorial Advisory Board Member, 2021-2023

The Wildlife Professional Magazine

The Wildlife Society

Editorial Reviewer, Summer 2021

Women in Wildlife Science: Building Equity, Diversity, and Inclusion

Carol Chambers (editor), Kerry Nicholson (editor); **Johns Hopkins University Press**

<https://a.co/d/ciQpJfZ>

Editorial Reviewer, Summer 2020

Getting a Job in Wildlife Biology: What it's Like and what You Need to Know

Dr. Stephanie Schuttler; **Amazon**

<https://a.co/d/h5Q5dRi>

University

Member, Graduate Student DEI Coalition 2022-present

College of Natural Resources

North Carolina State University

Faculty Representative, Graduate Student Association 2022-present

Forestry and Environmental Resources

North Carolina State University

Life After Lab Panelist Spring 2022

Wingate University

Graduate Student Speaker/Panelist, Professional Development in FWCB (FW 415) Fall 2022

North Carolina State University

Student Representative: Diversity Equity and Inclusion Committee 2020-2023

Department of Forestry and Environmental Resources

North Carolina State University

Treasurer, Nature & You 2020-2021

North Carolina State University

Moderator, Stories of Culture and Adaptation Seminar Fall 2021

Southeast Climate Adaptation Science Center (NCSU)

| | |
|---|--------------|
| Graduate Student Speaker/Panelist, Biology Meet and Greet Wingate University | Spring 2021 |
| Graduate Student Speaker/Panelist, Leopold Wildlife Club North Carolina State University | Fall 2020 |
| <u>Working Groups</u> Member, Longleaf for All Committee The America's Longleaf Restoration Initiative | 2022-present |
| <u>Nonprofits/Other</u> Tree Planting and Educational Event with Hoke County Community Sandhills Prescribed Burn Association and Hoke County | Winter 2022 |
| Panelist, Black Birders Week 2021 #SafeInNature Discussion BlackAFinStem with National Audubon Society | Summer 2021 |
| Demonstrator, Bird Banding and Mist Netting Workshop Raleigh Parks & Youth Conservation Corps | 2020-present |

SCIENCE COMMUNICATION

| | |
|---|--------------|
| <u>Positions</u> Science Communication Intern North Carolina Sea Grant | 2020-2023 |
| Freelance Writer The Nature Conservancy's Cool Green Science Blog | 2020-present |

Awards
Science Communicators of North Carolina (SCONC) Journalism Division Award: Wings of Change: The Impacts of a Warming Climate on Birds of North Carolina, awarded 8/2022

Science Writing
Coastwatch, Resilience and Redevelopment in Duffyfield: Revisualizing the Future of an Underserved Neighborhood in New Bern, NC. <https://ncseagrant.ncsu.edu/coastwatch/current-issue/spring-2023/duffyfield-resilience/>
Coastwatch, Troubled Waters: Flooding, Contaminants, and Heightened Risks. <https://ncseagrant.ncsu.edu/coastwatch/current-issue/autumn-2022/troubled-waters/>
Coastwatch, Wings of Change: The Impacts of a Warming Climate on Birds of North Carolina. <https://ncseagrant.ncsu.edu/coastwatch/current-issue/spring-2022/wings-of-change/>
Coastwatch, Conserving a Culture: Land Development, Climate Change, and the Gullah/Geechee Nation. <https://ncseagrant.ncsu.edu/coastwatch/current-issue/winter-2021/conserving-a-culture/>
Coastwatch, Breaking Systemic Barriers: Being Black in the Aquatic Sciences and Related Fields. <https://ncseagrant.ncsu.edu/currents/2021/02/breaking-systemic-barriers/>
Coastwatch: Sparrows and Rising Seas: Effects of Climate Change on Marsh Birds in Coastal North Carolina <https://ncseagrant.ncsu.edu/currents/2020/11/sparrows-and-rising-seas/>

The Nature Conservancy's Cool Green Science Blog Contributing Author Series:

<https://blog.nature.org/science/profiles/lauren-d-pharr/>

North Carolina State University, Leadership in Public Science; "Representation Matters: better Writing through Diversity (SciWrite 2020) <https://publicscience.ncsu.edu/2020/12/01/representation-matters-better-writing-through-diversity/>

Benton Soil and Water Conservation District Blog Series: <https://bentonswcd.org/author/lpharr/>

The Cincinnati Zoo Blog: "Tips for Attracting Backyard Songbirds,"

<http://blog.cincinnati.zoo.org/2020/06/16/tips-for-attracting-backyard-songbirds/>

The Wildlife Professional, A Graduate School Journey through a Pandemic

Birding: American Birding Association, The Effects of Urban Noise and Light Pollution on Avian Populations.

BBC Wildlife: How does Light Pollution Affect Birds?

BBC Wildlife. Do any Birds Nest in Chimneys?

BBC Wildlife, Do Cowbirds harm Other Birds?

BBC Wildlife, Why are Cardinals So Red?

In the Media

Television: PBS SciNC: "Repairing Ecosystems." <https://www.pbs.org/video/repairing-ecosystems-mh2f2x/>

Radio, Birdnote: "Lauren Pharr on Being a Black Field Biologist."

<https://www.birdnote.org/listen/shows/lauren-pharr-being-black-field-biologist>

Podcast, The Thing with Feathers: birds and hope with Courtney Ellis. "Amazing Woodpeckers and the Inclusivity of Birding (avian ecologist Lauren Pharr)."

<https://open.spotify.com/episode/4WQnsOvUdMyHQgFVJO14IT?si=7hkacC2mSD-qnymXNpGAoA>

Podcast, NC State Research Podcast: Audio Abstracts: Field Inclusive."

<https://news.ncsu.edu/podcast/podcast-field-inclusive/>

Interview, "Interview with Field Inclusive Co-Founder Lauren D. Pharr."

<https://www.wildanimalinitiative.org/blog/field-inclusive-feature>

Interview, NC State University News: "Inclusivity Outdoors: Making Field Research Safer."

https://news.ncsu.edu/2023/03/field-inclusive/?utm_campaign=Field-Inclusive-Feature&utm_medium=referral&utm_source=ncsu.edu&utm_content=hp-spotlight

Television: PBS SciNC: "This Bird Still Needs our Help." <https://youtu.be/NqXxbzoXfm8>

Interview, News&Observer: "NC State Scientists work to raise awareness of Black, disabled field researchers."

Interview, Wingate Magazine: "Ph.D. Student Discovered Her Passion at Wingate."

https://www.wingate.edu/publications/post-page/~board/wingate-magazine/post/phd-student-discovered-her-passion-at-wingate?issue_id=410

Podcast, The Science Pawdcast: "SciChat with Lauren Pharr Woodpecker Expert!"

<https://bunsenbernerbmd.buzzsprout.com/413041/11651821-sichat-with-lauren-pharr-woodpecker-expert>

Podcast, But Seriously...with Brian Malow: "Avian Ecology with Lauren Pharr."

<https://www.youtube.com/watch?v=xE9l7hcp6jg>

Podcast, Three Rivers Land Trust Campfire Conversations: "'Way "Pharr" Up."

<https://www.buzzsprout.com/227164/9228659>

Interview, WUNC 91.5: "Black Birders harness Social Media to Push for Field Safety,"

<https://www.wunc.org/environment/2021-07-26/black-birders-field-safety>

Podcast, *The American Birding Podcast*: “Skyglow and Community Science with Lauren Pharr,” <https://www.aba.org/skyglow-and-community-science-with-lauren-pharr/>

Interview, *Destination: Charlotte*: “Birder’s Eye-View,” <https://www.charlottesmagazine.com/charlottes-birding-community-on-the-hobbys-explosion-where-to-spot/>

Interview, *North Carolina State University College of Natural Resources News*: “Black Excellence: Wildlife Biologist Lauren Pharr,” <https://cnr.ncsu.edu/news/2021/02/black-excellence-wildlife-biologist-lauren-pharr/>

Interview, *The Wildlife Professional*: “Wildlife Vocalizations: Thanking the Birds”

Interview, *National Geographic*: “Americas are observing nature during the pandemic, helping scientists with Research,” <https://www.nationalgeographic.com/animals/2020/09/citizen-science-increasing-pandemic-insects/#close>

Interview, *Walter*: “6 Escapes Recommended by Local Outdoorsy Folks,” <https://www.waltermagazine.com/explore/6-escapes-recommended-by-local-outdoorsy-folks/>

Interview, *Discover*: “#BlackInNature: How Young Scientists are Pushing for Equality,” <https://www.discovermagazine.com/planet-earth/blackinnature-how-young-scientists-are-pushing-for-equality>

Interview, *North Carolina State University College of Natural Resources News*: “The Importance of Black Birders Week and Its Lasting Impact,” <https://cnr.ncsu.edu/news/2020/06/black-birders-week-and-its-lasting-impact/>

Podcast, *Ologies with Alie Ward*: “Very Special Episode: BlackAFinSTEM with various Ologists,” <https://www.alieward.com/ologies/blackafinstem?rq=blackafinstem>

Podcast, *Fancy Scientist: A Material Girl Living in a Sustainable World Podcast*: “Bird Basics with Ornithologist Lauren Pharr,” <https://stephanieschuttler.com/bird-basics/>

Interview, *eBird*: “eBird Stories-Lauren Pharr: Wildlife Biologist, Ornithologist, and Science Communicator,” <https://ebird.org/news/ebird-stories-lauren-pharr-wildlife-biologist-ornithologist-and-science-communicator>

Interview, *Wired*: “A Bird Feeder Will Bring You Joy,” <https://www.wired.com/story/own-a-bird-feeder-rave/>

Interview, *North Carolina State University Forestry and Environmental Resources Newsletter*: “Cardinal Capture Project,” <https://cnr.ncsu.edu/fer/news/2020/03/cardinal-capture-project/>

Interview, *Town of Waxhaw Tri-W News*: “Quail Research at Wingate Helps Waxhaw Native Find Her Calling,” <https://lpharr.com/wp-content/uploads/2020/06/Quail-Newspaper.pdf>

Honoring the Future, Honoring Trees Educator’s Guide: What can trees do for birds (and birds do for trees)? <https://www.honoringthefuture.org/what-can-trees-do-for-birds-and-birds-do-for-trees/>

RESEARCH PRESENTATIONS [** denotes travel/registration award received]

Oral Presentations

- Pharr, L.D.**, Skelton, J., Caiafa, M., Goodman, S., Blanc, L., Brust, K., Cooper, C.B., Walters, J.R., Jusino, M.A. *Revealing Red-cockaded Woodpecker Diets Using Fecal DNA*. The Wildlife Society Conference. Louisville, K.Y. 2023.
- Pharr, L.D.**, Cooper, C.B., Moorman, C.E., Walters, J.R., Sorenson, C.E., Hostetter, N.J. *Density-dependent and density-independent mechanisms influencing hatchability and brood reduction: the complex dynamics of RCW recovery*. NC Longleaf Coalition Meeting. Raleigh, N.C. 2023.
- Pharr, L.D.**, Cooper, C.B., Moorman, C.E., Walters, J.R., Sorenson, C.E., Hostetter, N.J. *Shifting Reproductive Patterns in a Coastal and Inland Population of Red-cockaded Woodpeckers*. North Carolina The Wildlife Society Annual Meeting. Sherrills Ford, N.C. 2023. ** (\$250)

- Pharr, L.D.,** Cooper, C.B., Moorman, C.E., Walters, J.R., Sorenson, C.E., Hostetter, N.J. *Shifting Reproductive Patterns in a Coastal and Inland Population of Red-cockaded Woodpeckers*. The Wildlife Society Conference. Spokane, W.A. 2022.
- Pharr, L.D.,** Cooper, C.B., Moorman, C.E., Walters, J.R., Sorenson, C.E., Hostetter, N.J. *Shifting Demographic Patterns in a Coastal and Inland Population of Red-cockaded Woodpeckers*. American Ornithological Society Conference. San Juan, Puerto Rico, 2022. ** (\$2500)
- Burgess, M., **Pharr, L.D.,** Cooper, C. *Representative Public Science: How Two Black Grad Students are making Science Accessible to All*. American Ornithological Society Conference, Virtual, 2021.
- Pharr, L.D.,** Cooper, C.B., Evans, B., Vukomanovic, J., Moorman, C.E. *The Effects of Urban Noise and Light Pollution on Adult Avian Survivorship*. International Urban Wildlife Conference, Virtual, 2021.** (\$50)

Poster Presentations

- Pharr, L.D.,** Cooper, C.B., Moorman, C.E., Walters, J.R., Sorenson, C.E., Hostetter, N.J. *Shifting Reproductive Patterns in a Coastal and Inland Population of Red-cockaded Woodpeckers*. The Longleaf Alliance's 14th Biennial Longleaf Conference. Wilmington, N.C. 2022.** (\$100)
- Burgess, M., **Pharr, L.D.** *Representative Public Science: How Two Black Grad Students are making Science Accessible to All*. North Carolina State University Equity Research Symposium, Virtual, 2022.
- Pharr, L.D.,** Cooper, C.B., Carbajal, I., Jensen, L., Keepers, H., Neilan, K., Rayfield, B. *Feeder cams and Photoperiods: Observing Feeder Bird Response to Sunrise and Sunset*. The Association of Southeastern Biologists Conference, Virtual, 2021.** (\$200)
- Pharr, L.D.,** Mills, E. *Special Characteristics of the Crow-Call of Chinese Blue-breasted Quail (Coturnix chinensis)*. Wellspring Symposium, Wingate University, 2019.
- Pharr L.D.,** Mills, E. *Does the A-Call of the Chinese Blue-breasted Quail (Coturnix chinensis) change as it physically Matures?* The Association of Southeastern Biologists Conference, Memphis Tennessee, 2019.
- Pharr, L.D.,** Mills, E. *Special Characteristics of the Crow-Call of Chinese Blue-breasted Quail (Coturnix chinensis)*. Southeastern Undergraduate Research Symposium, Queens University, 2019.
- Pharr, L.D.,** Mills, E. *Special Characteristics of the A-Call of Chinese Blue-breasted Quail (Coturnix chinensis)*. Wellspring Symposium, Wingate University, 2017.

SPEAKING ENGAGEMENTS

Invited presentations

- Pharr, L.D.** *How Urbanization affects wild birds with researcher Lauren Pharr*. Harris Center. Hancock, NH. December 12, 2023.
- Pharr, L.D.** Keynote, *Closing the Gap: Exploring History, Equity, and Connection to the Outdoors*. Elizabeth River Project. Portsmouth, VA. May 13, 2023.
- Pharr, L.D.,** Burgess, M.L. *Professional Previews: Lauren Pharr and Murry Burgess*. North Carolina Museum of Natural Sciences. Raleigh, NC. January 6, 2023.
- Pharr, L.D.** *Wings of Change*. Northern Arizona University, Flagstaff, AZ. October 10, 2022.
- Pharr, L.D.** *The Red-cockaded Woodpeckers: Past, Present, & Future*; North Carolina State University's Leopold Wildlife Club, Raleigh, NC. March 28, 2022.
- Pharr, L.D.** *Exploring a Fire Maintained Ecosystem: Longleaf Pine*. Fire Ecology Course; Georgia College and State University, Virtual. March 7, 2022.

- Pharr, L.D.** *The Red-cockaded Woodpecker: Past, Present, & Future*. New Hope Audubon Society, Virtual. March 3, 2022.
- Pharr, L.D.** *Birds and Beyond: A Conversation with Lauren D. Pharr*. Mountaineer Audubon, Virtual. December 14, 2021.
- Pharr, L.D.** *Analyzing the Effects of Urban Noise and Light Pollution on Avian Communities*. Wild Coachella; University of Southern California, Virtual. October 7, 2021.
- Pharr, L.D.** *Birds in the 'Burbs: A Conversation with Lauren D. Pharr, Avian Ecologist and Science Communicator*. Arizona State University Library, Virtual. April 18, 2021.
- Pharr, L.D.** *Birding Basics: A Guide for New Birders*. North Carolina Wildlife Federation: Island Wildlife Chapter, Virtual. April 13, 2021.
- Pharr, L.D.** *Analyzing the Effects of Urban Noise and Light Pollution on Avian Communities*. Northeast Ohio Regional Sewer District, Virtual. February 26, 2021.
- Pharr, L.D.** *Analyzing the Effects of Urban Noise and Light Pollution on Avian Communities*. North Carolina Botanical Gardens, Virtual. February 25, 2021.
- Pharr, L.D.** *Analyzing the Effects of Urban Noise and Light Pollution on Avian Communities*. North Carolina Museum of Natural Sciences, Virtual. February 17, 2021.
- Pharr, L.D.** *Analyzing the Effects of Urban Noise and Light Pollution on Avian Communities*. Onondaga Audubon Society, Virtual. February 10, 2021.
- Pharr, L.D.** *Equity in Nature: A Guide for New Birders*. Nature Center at Shaker Lakes, Virtual. January 13, 2021.
- Pharr, L.D.** *Preserving our Bird Species: Ways we can Help Birds*. Benton Soil and Water Conservation District, Virtual. January 11, 2021.
- Pharr, L.D.** *Bird Banding: An Effective way to Monitor Avian Populations*. State College Bird Club, Virtual. December 9, 2020.
- Pharr, L.D.** *Analyzing the Effects of Urban Noise and Light Pollution on Avian Communities*. Georgia Audubon Society, Virtual. December 8, 2020.
- Pharr, L.D.** *My Guide for Young Birders*. Hog Island Audubon Camp, Virtual. July 15, 2020.

Invited panels and Discussions

- Wild Words Workshop: Science Communication for Wildlife Professionals*. The Wildlife Society, Louisville, K.Y. November 5, 2023.
- PBS NC's Sci NC State of Change Screening and Discussion Hybrid Event*. Raleigh, NC. April 20, 2023
<https://video.pbsnc.org/video/discussion-state-of-change-natural-solutions-1tsuhq/>
- Dialogue on creating safe and inclusive spaces for students in the lab and field*. NCSU Black Research Symposium. Raleigh, NC. March 24, 2023.
- Dialogue on creating safe and inclusive spaces for students in the lab and field*. NCSU Equity Research Symposium. Raleigh, NC. March 8, 2023.
- AAAS Outdoors: Black in Nature*. Florence, SC. February 24, 2023.
- Communicating Science using Social Media*. ComSciCon Triangle. Raleigh, NC. January 28, 2023.
- How to Talk about Population in a World of 8 Billion*. Center for Biological Diversity, Virtual. November 14, 2022.
- Wild Words: Communicating Wildlife Science to the Public*. The Wildlife Society, Spokane, W.A. November 9, 2022.
- Community Building through Mentorship*. The Wildlife Society, Spokane, W.A. November 9, 2022.
- ForestHer Workshop: Conversation about Conservation*. North Carolina Wildlife Resources Commission, Virtual. April 22, 2022.
- Leadership Institute Webinar Series*. The Wildlife Society, Virtual. July 15, 2021.

WORKSHOPS and TRAINING

Red-cockaded Woodpecker Monitoring. **Sandhills Ecological Institute**, Southern Pines, N.C.
Inclusive Excellence Certificate Workshop Series. **North Carolina State University**, Virtual
Ageing Birds via Molt Limits. **Powdermill Avian Research Center**, Virtual
Extractions, Banding and Processing Training. **Powdermill Avian Research Center**, Rector, PA

CERTIFICATIONS and LICENSES

| | |
|--|------|
| Native Endangered Sp. Recovery – E Wildlife Permit, <i>Subpermit</i> | 2023 |
| Federal Bird Banding Permit, <i>Subpermit (RCWOs)</i> | 2023 |
| Institutional Animal Care and Use Committee (IACUC) | 2021 |
| Inclusive Excellence Certificate (IEC) | 2021 |
| Federal Bird Banding Permit, <i>Subpermit (Passerines)</i> | 2021 |
| International Tutor Training Program (ITTPC) Level I Certified Peer Tutor, | 2019 |
| • <i>Environmental Biology and Zoology</i> | |

MANUSCRIPT REVIEWER

Journal of Wildlife Management, Ornithological Applications

MEMBERSHIP in PROFESSIONAL SOCIETIES

The Nature Conservancy, NC Chapter; The Longleaf Alliance; North Carolina Wildlife Federation;
Science Communicators of North Carolina; North Carolina Prescribed Fire Council; Xi Sigma Pi Honor
Society; Wilson Ornithological Society; The Wildlife Society & NCTWS; Association of Southeastern
Biologists

Revised: December 30, 2023