

# Carolyn Coyle

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## Education

- Colorado State University, Fort Collins, CO* 2021 – Present  
Ph.D Candidate, Ecology (GPA: 4.0)
- Colorado State University, Fort Collins, CO* 2021 – Present  
Data Analysis Graduate Certificate (GPA: 4.0)
- Oregon State University, Corvallis, OR* 2016 – 2019  
B.S, Fisheries and Wildlife Sciences (GPA: 3.96, Summa Cum Laude)
- Garrett College, McHenry, MD* 2013 – 2015  
A.A.S in Natural Resources and Wildlife Technologies (GPA: 3.72, Magna Cum Laude)

## Publications

- Courtney, K., Davis, K., **Coyle, C. M.\***, Schweizer, T., Davies, M., Badeaux, A., Middleton, M., Romero, C., Uili, M., Urchek, K., & Pejchar, L. (in preparation). Inequities in mental health care access for life sciences graduate students: an intersectional perspective.
- Coyle, C. M.**, & Gannon, D. G. (2021). Observations of Orange-crowned Warblers in Vine Maple. *Northwestern Naturalist*, 102(1), 94-95. <https://doi.org/10.1898/1051-1733-102.1.94>

## Presentations

- Upcoming*: Invited Virtual Talk – Songbirds as Pollinators? New Insights Into Flower Visitation by Passerines in Vancouver Island and Beyond.  
Rocky Point Bird Observatory, Victoria, BC 2025
- Songbirds as Pollinators? New Insights Into Flower Visitation by Passerines in the Western United States and Canada.  
American Ornithological Society Annual Meeting. Estes Park, CO 2024
- Pass the Pollen Please: Vine Maple (*Acer circinatum*) Pollination by Passerine Birds  
Willamette Valley Bird Symposium, Corvallis, OR 2020
- Creating a Field Guide: Field ID Techniques for Caddisfly, Mayfly, and Stonefly Adults

Oregon State University Undergraduate Research Symposium, Corvallis, OR 2018

### **Awards, Grants, and Honors**

*National Science Foundation* 2025  
STAR: Songbirds as potential pollinators? Uncovering bird-flower interactions in North America

*National Science Foundation* 2021 – Present  
Graduate Research Fellowship

*Colorado State University* 2024 – 2025  
Vice President for Research (VPR) Graduate Fellows Program

*Wilson Ornithological Society* 2024  
Student Research Grant

*Colorado State University* 2024  
Graduate Degree Program in Ecology Training & Travel Grant

*Colorado State University* 2024  
Graduate Degree Program in Ecology Research Grant

*Colorado State University* 2024  
Graduate Student Council (GSC) Professional Development & Supply Grant

*Sea and Sage Audubon Society* 2024  
Bloom-Hays Ecological Research Grant

*Colorado State University* 2024  
Anheuser-Busch Environmental Fellowship

*Pasadena Audubon Society* 2024  
Student Research Grant

*Colorado State University* 2023 – 2024  
The Thomas A. Jones Graduate Fellowship

*The Garden Club of America* 2023  
Centennial Pollinator Fellowship

*Colorado State University* 2022 – 2023  
The Douglas L. Gilbert Memorial Scholarship

*The American Philosophical Society* 2022  
Lewis and Clark Fund for Exploration and Field Research

*American Ornithological Society* 2022  
Student Research Grant

*Colorado State University* 2022  
Graduate Student Council (GSC) Professional Development & Supply Grant

*Robinson Ornithology Fellowship* 2019  
The Doug and Tara Robinson Fund

*Portland Garden Club* 2018  
Katherine R. Pamplin Fund Student Research Grant

### **Outreach, Engagement, and Leadership**

*Society for Conservation Biology*, CSU chapter member 2024 – Present  
Colorado State University, Fort Collins, CO

*Research Co-leader: Mental Health Access for Life Sciences Students* 2022 – Present  
Colorado State University, Fort Collins, CO

*Graduate Degree Program in Ecology*, Social Committee Chair 2023 – 2024  
Colorado State University, Fort Collins, CO

*FWCB Anti-Racism Graduate Group*, Member 2021  
Colorado State University, Fort Collins, CO

*Bird Nerds*, Birding Activity Chair & Secretary 2018 – 2019  
Oregon State University, Corvallis, OR

*Wildlife Club*, Event Coordinator 2014 – 2015  
Garrett College, McHenry, MD

*4H: Lucky Clovers*, Member 2008 – 2011  
Montgomery County, MD

## Certifications

Bird-banding Subpermittee - <i>BBL</i>	2022
Working with the IACUC, Certificate of Completion - <i>CITI Program</i>	2022
Mist-netting and Songbird Banding Certificate of Participation - <i>NABC</i>	2018
WET, Wild, Learning Tree Facilitator Certificate - <i>Maryland Park Service</i>	2014
Wildland Firefighter Certification (S-130 & S-190) - <i>NWCG</i>	2015
Hunter Safety - <i>Maryland DNR</i>	2013
Boater Safety - <i>Maryland DNR</i>	2013

## Professional Development

<i>Colorado State University: Graduate Degree program in Ecology</i> Upcoming Workshop: Reproducible Research in R	2025
<i>Colorado State University: Office for the Vice President for Research (OVPR)</i> VPR Fellow Professional Development Seminar Series	2024 – 2025
<i>National Science Foundation</i> Workshop: Integrating Theory and Data in Plant-Pollinator Interactions	2024
<i>Colorado State University, Department of Fish, Wildlife, and Conservation Biology</i> Workshop: DEIJ Series – Mental Health in Academia	2024
<i>Colorado State University, Department of Animal Sciences</i> Workshop: QIIME-2 Microbiome Analysis	2022

## Relevant Positions

<i>Graduate Teaching Assistant (FW 370, ECOL 600)</i> Colorado State University, Fort Collins, CO	2024 – ongoing
<i>Graduate Research Assistant</i> Colorado State University, Fort Collins, CO	2021 – 2024
<i>Assistant Songbird Bander</i> Institute for Bird Populations: Luckiamute MAPS Station, Corvallis, OR	2018 – 2020
<i>Teaching Assistant: Systematics of Birds (FW 312)</i> Oregon State University, Corvallis, OR	2019

*Field Technician: Purple Martin Project* 2018  
United States Geographic Survey (USGS), Corvallis, OR

*Expert Birding Guide* 2018  
Oregon State University, Corvallis, OR

### **Mentorship**

(2023 – Present) Undergraduate Lab Trainee: Sophie Scholl, pursuing B.Sc in Fisheries, Wildlife, and Conservation Biology from CSU

(2023 – Present) Undergraduate Lab Trainee: Marissa Drake, pursuing B.Sc in Fisheries, Wildlife, and Conservation Biology from CSU

(2023 – 2024) Undergraduate Field Trainee: Annika Abbott, B.Sc in Fisheries, Wildlife, and Conservation Biology from CSU

(2022 – 2023) Undergraduate Field and Lab Trainee: Kadin Samsalla, B.Sc in Fisheries, Wildlife, and Conservation Biology from CSU

(2022 – 2023) Undergraduate Lab Trainee: Michaela McNabb, B.Sc in Zoology from CSU

### **Skills and Expertise**

#### *Research & Data Analysis*

- Proficient in R Studio analyses, including Species Distribution Modeling (Terra), Bioinformatics (DADA2) and Bayesian (rjags) modeling
- Experience with ecological data visualization
- Skilled in permit acquisition for field research and sample transport
- Proficient in clean lab upkeep and advanced dual-index metabarcoding workflows

#### *Project & Budget Management*

- Grant writing, budget preparation & management
- Procurement and asset management for research projects
- Experienced in coordinating field research logistics
- Proficient in network coordination and strategic planning, having established a regional bird banding sampling network, collaborating with over 10 existing banding stations

### *Technical & Administrative*

- Skilled in data organization, reporting, and documentation
- Advanced managerial and personnel management skills
- Strong written communication for scientific manuscripts, reports, and outreach

### *Teaching & Mentorship*

- Hiring and mentoring undergraduate researchers
- Graduate Teaching Assistant for multiple undergraduate and graduate level university courses
- Led birding field courses and workshops
- Extensive history of working at nature camps to teach science to children