

Monique Avery Pipkin

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moniquepipkin.com

Education

2019 – Present **Cornell University – Ithaca NY**

Doctorate of Philosophy Student, Department of Ecology and Evolutionary Biology

PhD Advisor: Dr. Maren Vitousek

2012 – 2016 **Western Michigan University – Kalamazoo, MI**

Bachelor of Science, Biological Sciences

Lee Honors College, Magna Cum Laude

Thesis Advisor: Dr. Sharon Gill

Honors Thesis: Extremely Loud and Incredibly Low: The vocal response of House Wrens, *Troglodytes aedon*, to noise

Publications

- 2024 Miller C.R., Houtz, J.L., Mejia, N., Morris, N.J., **Pipkin M.A.**, Shankar, A., Uehling, J.J., Williamson, J.L., and Vitousek M.N. What can tree swallows teach us about biology?. *Frontiers For Young Minds*. (<https://doi.org/10.3389/frym.2024.1274157>)
- 2024 Chang van Oordt, D.A., Taff, C. C., **Pipkin, M. A.**, Ryan, T.A., Vitousek. M. N. Experimentally-elevated corticosterone does not affect bacteria killing ability of breeding tree swallows. *Hormones & Behavior*. (<https://doi.org/10.1016/j.yhbeh.2024.105500>).
- 2023 Barkdull M.E., Miller C.R., **Pipkin M.A.**, and Moreau C.S. Natural History Collections: What Are They and Why Do We Need Them?. *Frontiers For Young Minds*. (<https://doi.org/10.3389/frym.2023.1048608>)
- 2022 Vitousek, M.N., Houtz, J. L., **Pipkin, M. A.**, Chang van Oordt, D.A., Hallinger, K., Uehling, J., Zimmer, C., Taff, C.C. Natural and experimental cold exposure in adulthood increase the sensitivity to future stressors in a free-living songbird. *Functional Ecology*. (<https://doi.org/10.1111/1365-2435.14144>)
- 2020* Demery, A.C, **Pipkin, M.A.** Safe Fieldwork Strategies for At-Risk Individuals, their supervisors and institutions. *Nature Ecology & Evolution*. (<https://doi.org/10.1038/s41559-020-01328-5>)
- 2018 Grabarczyk, E. E., **Pipkin, M.A.**, Vonhof, M.J. S.A. Gill. When to change your tune? Unpaired and paired male house wrens respond differently to anthropogenic noise. *Journal of Ecoacoustics*. (<https://doi.org/10.22261/jea.lhgrvc>)

* Notates co-first authored publication or co-paper lead

Research Experience

2019 – present **Research Fellow, Dr. Maren Vitousek**

Cornell University – Ithaca, NY

2018 – 2019 **Lab Manager, Dr. Victoria Braithwaite**

The Pennsylvania State University – State College, PA

- 2017 – 2019 Research Assistant, Dr. Victoria Braithwaite**
The Pennsylvania State University – State College, PA
- 2016 Research Technician, Dr. Robert Akins**
Wayne State University – Detroit, MI
- 2013-2016 Research Assistant, Dr. Sharon Gill**
Western Michigan University – Kalamazoo, MI
- 2014 Research Technician, Dr. Maarten Vonhof**
Western Michigan University – Kalamazoo, MI
- 2012 – 2013 Lab Assistant, Dr. Maarten Vonhof**
Western Michigan University – Kalamazoo, MI

Specialty Programs

- 2015 Students Advancing Biological Research and Engagement**
Western Michigan University – Kalamazoo, MI
Advisor: Dr. Sharon Gill
Project: “Extremely Loud and Incredibly Low: How varying amplitudes of synthesized anthropogenic noise alter the birdsong of House Wrens, *Troglodytes aedon*”
- 2013 NSF Research Experience for Undergraduates Program**
Western Michigan University – Kalamazoo, MI
Advisors: Dr. Maarten Vonhof and Dr. Sharon Gill
Project: “ The effect of parasites on birdsong in Chipping Sparrows, *Spizella passerina*”

Teaching Experience

- 2023 The Female Bird’s Eye View BIOEE 1640 First Year Writing Seminar**
Guest Lecturer
Cornell University – Ithaca, NY
- 2022^a Intro to Evolutionary Biology and Diversity BIOEE 1780 Writing in the Majors**
Teaching Assistant
Cornell University – Ithaca, NY
- 2021 Intro to Evolutionary Biology and Diversity BIOEE 1780**
Guest Lecturer
Cornell University – Ithaca, NY
- 2020^b Evolution BIOEE 1180**
Teaching Assistant
Cornell University – Ithaca, NY
- 2020 The Art and the Science of Birds BIOEE 4940**
Course Instructor
Cornell University – Ithaca, NY
- 2019 Animal Welfare WFS 497**
Guest Lecturer
The Pennsylvania State University – State College, PA
- 2018 Vertebrates Lab WFS 301**
Teaching Assistant
The Pennsylvania State University – State College, PA
- 2017 Animal Welfare WFS 497**
Guest Lecturer
The Pennsylvania State University – State College, PA
- 2016 Biological Sciences Lab BIOS 1100**
Undergraduate Teaching Assistant

Western Michigan University, Kalamazoo MI

^a Design and developed course materials

^b Received a teaching award for this course

Research Presentations

Invited Speaker

- 2022 **Safe fieldwork strategies for at-risk individuals, their supervisors and their institutions**
American Fisheries Society – Spokane, WA
Invited Plenary
- 2022 **Safer Science: Strategies to protect at-risk researchers when conducting fieldwork**
Natural History Museum of LA County - Los Angeles, CA
- 2021 **Safer Science: Strategies to protect at-risk researchers when conducting fieldwork**
Tulane University – New Orleans, LA
- 2021 **Creating, Enforcing, and Promoting Safe Fieldwork Culture: Strategies aimed at protecting diverse researchers**
University of California – Berkeley, California
- 2021 **Learn Safe Fieldwork Strategies**
McMaster University - Hamilton, ON, Canada
- 2021 **Safer Science: Strategies to protect at-risk researchers when conducting fieldwork**
Cornell University – Ithaca, NY
Recording available: <https://cals.cornell.edu/saferscience>
- 2020 **Urban Nature Research Center**
Natural History Museum of LA County - Los Angeles, CA

Presenter

- 2022 **American Ornithological Society and BirdsCaribbean Joint Conference - Talk**
San Juan, Puerto Rico
Title: “Art for Education’s Sake: Assessing artist-scientist collaborations as an educational tool”
- 2019 **56th Annual Conferences of the Animal Behavior Society - Poster**
Chicago, IL
Title: “Underneath It All: Mapping gene expression of neuronal, endocrine and immune systems onto zebrafish exploratory behavior”
- 2014 **Michigan Bird Conservation Initiative Workshop - Poster**
Tustin, MI
Title: “The effect of parasites on birdsong in Chipping Sparrows, *Spizella passerina*”

Science Communication and Outreach

Content Created and Contributed

- 2022 - 2024 **Cornell Lab of Ornithology Renovation – Visitor Center**
Consultant, Curator & Contributing Author
Cornell University – Ithaca, NY
- 2023 **Art for Education’s Sake – Art Gallery Exhibition**

- Curator
Mix Art Gallery – Ithaca, NY
- 2022 Biodiversity! – Community Research Guide**
Contributing Author
Smithsonian Science Education Center – Washington, DC
https://ssec.si.edu/sites/default/files/Biod-Guide_0.pdf
- 2022 Applying Inclusive Practices to Safeguard Researchers. Article.**
Author
Max Planck Institute of Animal Behavior and University of Konstanz Centre for the
Advanced Study of Collective Behavior
<http://fieldperspectives.org/DemeryPipkin.html>
- 2021 Our Places: Connecting People in Nature – Museum Exhibition**
Contributing Author
Smithsonian National Museum of Natural History – Washington DC
Open from June 2022 – July 2024
<https://naturalhistory.si.edu/exhibits/our-places>
- 2018 “What We Can Learn About Stress From Birds?” – Online Video**
Author & Narrator
<https://www.youtube.com/watch?v=wjhXOGMG8Pg>
- Guest Speaker*
- 2023 Nexus Scholars Program – Science Communication**
Cornell University
- 2022 Trust In Science (Panelist)**
New York University
- 2022 Nexus Scholars Program – Graduate Student Life**
Cornell University
- 2022 Nexus Scholars Program – Science Communication**
Cornell University
- 2020 Black Rock Forest Summer Virtual Day Camp – Wildlife Ecology**
Black Rock Forest
- 2020 EcoLogik Summer Virtual Day Camp – Animal Behavior**
Cabrillo National Monument Foundation
- 2016 Kalamazoo Area Math and Science Center – Sound Ecology**
Kalamazoo, MI
- Interviews*
- 2021 Cornell Researchers Push Back Against Racism, Discrimination in Fieldwork
– Article**
Aliva Das – Cornell Daily Sun
4 March 2021;
<https://cornellsun.com/2021/03/04/cornell-researchers-push-back-against-racism-discrimination-in-fieldwork/>
- 2021 Racism and harassment are common in field research, scientists are speaking up
– Article**
Victoria Varlack – Cornell Lab of Ornithology
<https://www.birds.cornell.edu/k12/monique/>
- 2020 Racism and harassment are common in field research, scientists are speaking up
– Article**
Giuliana Viglione – Nature News
24 August 2020; <https://www.nature.com/articles/d41586-020-02328-y>

- 2020 **BlackAFinSTEM with various Ologists – Podcast**
 Alie Ward – Ologies Podcast
 10 June 2020; <https://www.alieward.com/ologies/blackafinstem>
- 2020 **Activists Launch Black Birders Week Event On Social Media – Podcast**
 NPR – Here and Now
 05 June 2020; <https://www.wbur.org/hereandnow/2020/06/05/black-birders-week>
- 2020 **Racist Birding Incident Sparks Joyful Online Event #BlackBirdersWeek – Article**
 Julie Grant – The Allegheny Front
 05 June 2020;
<https://www.alleghenyfront.org/racist-birding-incident-sparks-joyful-online-event-blackbirdersweek/>
- 2020 **The W.E.E. Pandemic Support Group – Podcast**
 Kirsty MacLeod – The Women in Ecology and Evolution Podcast
 01 September 2020;
<https://www.theweepodcast.org/podcast/episode/4aa69fb7/the-wee-pandemic-support-group>
- 2020 **Paper addresses fieldwork safety for minority students – Article**
 Krishna Ramanujan – Cornell Chronicle
 04 November 2020:
<https://news.cornell.edu/stories/2020/11/paper-addresses-fieldwork-safety-minority-scientists>
- 2020 **W.E.E. Love Scicomm– Podcast**
 Kirsty MacLeod – The Women in Ecology and Evolution Podcast
 11 November 2020:
<https://www.theweepodcast.org/podcast/episode/4756b4a1/wee-heavy-heart-scicomm>

Features

- 2019 **In Their Eyes: Trading Cards about scientists and topics in conversation & biology**
 Jaye Gardner – Cabrillo National Monument
<https://www.jayegardiner.com/itecards.html>

Events Organized & Service

Events Organized

- 2024 **Building Better Habitat with the LEGO GROUP - Moderator & Panelist**
 Cornell Lab of Ornithology
 Recording available: <https://www.youtube.com/watch?v=1v-Oc0dZzgQ&t=1s>
- 2023 **Shedding Light on Protecting Birds: Research and Recommendations - Organizer & Moderator**
 Cornell Lab of Ornithology
 Recording available: <https://www.youtube.com/watch?v=dE9Rs7v-qZE&t=277s>
- 2021 **Building Equity & Accessibility to Birding through Mentorship - Moderator**
 American Ornithological Society
- 2022 **Creative and Integrative Science Communication in Natural History Symposium**
 American Ornithological Society and Birds Caribbean – San Juan, Puerto Rico
- 2021 **Safer Science: Strategies to protect at-risk researchers when conducting fieldwork**
 Cornell University – Ithaca, NY

Recording available: <https://cals.cornell.edu/saferscience>

- 2018 - 2019** **Animal Welfare Systems Superlab: Systems Biology for Understanding Individuality in Animal Welfare Workshop**
The University of Leeds – Leeds, UK
The Pennsylvania State University – State College, PA
Funded by a BBSRC USA Partnership Award
- 2018 - 2019** **Ecology Spring Seminar Series**
The Pennsylvania State University – State College, PA
- Service*
- 2020 - 2025** **Ecology Graduate Student & Professional Association**
Cornell University – Ithaca, NY
- 2020** **Diversity Preview Weekend**
Cornell University – Ithaca, NY
- 2018** **Ecosystems Science and Management Graduate Student Organization**
The Pennsylvania State University – State College, PA
- 2016** **Stewards of Kleinstuck Board Member**
Kleinstuck Preserve - Kalamazoo, MI
- 2015 – 2016** **Students of Kleinstuck Registered Student Organization Founder & President**
Western Michigan University – Kalamazoo, MI

Fellowships, Grants and Awards

Fellowships

- 2021 - Present** **Ford Foundation Predoctoral Fellowship**
Ford Foundation – New York, NY
- 2019 - Present** **Sloan Scholar, Alfred P Sloan Foundation's Minority PhD Program**
Awarded 2019 - 2020
Grant #: G-2019-11435
Alfred P. Sloan Foundation– New York, NY
- 2017 – 2018** **Bunton-Waller Fellowship**
The Pennsylvania State University – State College, PA
- 2012 – 2016** **Merze Tate Endowed Medallion Scholarship**
Lee Honors College, Western Michigan University – Kalamazoo, MI

Grants

- 2022** **Cornell Lab of Ornithology Athena Grant – Total \$5111**
Cornell Lab of Ornithology – Ithaca, NY
- 2021** **Cornell Lab of Ornithology Athena Grant – Total \$8200**
Cornell Lab of Ornithology – Ithaca, NY
- 2020** **Cornell Lab of Ornithology Athena Grant – Total \$6000**
Cornell Lab of Ornithology – Ithaca, NY
- 2019** **Cornell Lab of Ornithology Athena Grant – Total \$2000**
Cornell Lab of Ornithology – Ithaca, NY
- 2015** **Lee Honors College Research and Creative Activities Scholarship**
Western Michigan University – Kalamazoo, MI

Awards

- 2025** **SEGD Global Design Merit Award for the Cornell Lab of Ornithology Visitor Center**
Cornell Lab of Ornithology – Ithaca, NY
- 2021** **Ecology and Evolutionary Biology Chair's Award for Teaching Excellence**
Cornell University – Ithaca, NY
- 2017 – 2019** **Graham Endowed Award**

- 2017 The Pennsylvania State University – State College, PA
Homer F. Braddock Award
- 2015 The Pennsylvania State University – State College, PA
MPI Undergraduate Research Award
Kalamazoo, MI

Memberships

- 2025 - Present **Sigma Xi**
- 2022 – Present **NSF Biology Through Art**
- 2019 – Present **American Ornithological Society**