

SHORT CURRICULUM VITAE (updated 05/2024)

José R. Ramírez-Garofalo

Contact Information

Director
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Education

- 2025 (expected) **Ph.D. Ecology and Evolution**, Rutgers University
Dissertation: *On the movement of species and their geographic ranges in the Anthropocene*
Advisor: Julie L. Lockwood
- 2021 **M.S. Biology**, College of Staten Island, City University of New York
Thesis: *The effects of climate change on winter waterbird distributions in the northwestern Atlantic region of North America*
Advisor: Lisa L. Manne
- 2019 **B.S. Mathematics**, The College of Staten Island, City University of New York

Professional Experience

- 2022–Pres. **Director of Science and Research Development**, Freshkills Park Alliance
● 2018–2022: **Research Associate**
- 2019–2022 **Adjunct Professor**, Department of Biology, The College of Staten Island, City University of New York
- 2018 **Biological Science Technician**, Gateway National Recreation Area, United States National Park Service
- 2017–2020 **Field Biologist**, New York City Audubon Society
- 2014–Pres. **New York City Site Coordinator**, New York State Horseshoe Crab Monitoring Network, Cornell University

Journal Editorial Positions

- 2024 – Pres. **Report Compiler, Hudson-Delaware Region, North American Birds**
- 2022 – Pres. **Associate Editor, Urban Naturalist**
- 2020 – Pres. **Publication Editor, North American Birds**
- 2020 – Pres. **Subject Matter Editor, Check List**

Technical Contributions

2022–2023 Technical contributor for the Fifth United States National Climate Assessment Report (NCA5), chapter 8 *Ecosystems, Ecosystem Services, and Biodiversity*.

- **Citation:** McElwee, P.D., S.L. Carter, K.J.W. Hyde, J.M. West, K. Akamani, A.L. Babson, G. Bowser, J.B. Bradford, J.K. Costanza, T.M. Crimmins, S.C. Goslee, S.K. Hamilton, B. Helmuth, S. Hoagland, F.-A.E. Hoover, M.E. Hunsicker, R. Kashuba, S.A. Moore, R.C. Muñoz, G. Shrestha, M. Uriarte, and J.L. Wilkening. 2023. Ch. 8. Ecosystems, ecosystem services, and biodiversity. In: Fifth National Climate Assessment. Crimmins, A.R., C.W. Avery, D.R. Easterling, K.E. Kunkel, B.C. Stewart, and T.K. Maycock, Eds. U.S. Global Change Research Program, Washington, DC, USA. <https://doi.org/10.7930/NCA5.2023.CH8>

Peer-reviewed Publications

Italics denotes a mentored undergraduate student.

Published or In-Press

1. Davis, and **J.R. Ramírez-Garofalo**. 2024. American Flamingos in the United States before and after Hurricane Idalia. *North American Birds* 76(2).
2. Curley, S.R., **J.R. Ramírez-Garofalo**, and M.C. Allen. 2024. Southern breeding populations drive declining migration distances in Arctic and Subarctic geese. *Ecography*, in press.
3. **Ramírez-Garofalo, J.R.** 2023. Attempted predation of a Little Blue Heron (*Egretta caerulea*) by a Peregrine Falcon (*Falco peregrinus*). *The Kingbird* 73: 190–191.
4. R. Gelernter, M. Gustafson, Z.E. Johnson, and **J.R. Ramírez-Garofalo**. 2023. First U.S. record of Bat Falcon. *North American Birds* 73:4–7.
5. Curley, S.R., L.L. Manne, **J.R. Ramírez-Garofalo**, and R.R. Veit. 2022. Evaluating changes in the avian communities of eastern North America using temperature and precipitation indices. *Journal of Biogeography* 49:739–752.
6. **Ramírez-Garofalo, J.R.**, S.R. Curley, C.E. Field, C. Hart, S. Thangamani. 2022. Established populations of Rickettsia parkeri-infected Amblyomma maculatum in New York City, New York, USA. *Vector-Borne and Zoonotic Diseases* 22:184–187.

7. **Ramírez-Garofalo, J.R.**, S.R. Curley, and C.E. Field. 2021. Breeding by Sedge Wrens at an urban reclaimed landfill in New York. *Urban Naturalist* 46:1–10.
8. **Ramírez-Garofalo, J.R.**, S. Solberg, E. McGrath, K. Dann, and D. Filippini. 2021. Colonization of the Rockaway Peninsula by Bank Swallows (*Riparia riparia*). *The Kingbird* 71:210–215.
9. **Ramírez-Garofalo, J.R.**, S.R. Curley, A. Ciancimino, R.V. Matarazzo, E. Johnson, and R.R. Veit. 2020. The re-establishment of Pileated Woodpeckers in New York City following nearly two centuries of extirpation. *Northeastern Naturalist* 27:803–816.
10. **Ramírez-Garofalo, J.R.** 2020. Occurrence and implications of staging Black Scoters *Melanitta americana* in a heavily trafficked urban estuary. *Marine Ornithology* 48:27-32.
11. **Ramírez-Garofalo, J.R.** and K. Garofalo. 2019. Unprecedented numbers of Northern Pintails (*Anas acuta*) in the Lower New York Bay. *The Kingbird* 69:124-126.
12. **Ramírez-Garofalo, J.R.** 2019. A Brown Booby (*Sula leucogaster*) in New York City during a region-wide influx. *The Kingbird* 69:22-26.
13. Veit, R.R., **J.R. Ramírez-Garofalo**, A. Ciancimino, S. Wollney, and I. Grant. 2018. Little Egret at Goethals Bridge Pond, Staten Island. *The Kingbird* 68:1-4.

In Preparation, Submission, and Review

14. **Ramírez-Garofalo, J.R.**, K. Garofalo, A. Ciancimino, S.R. Curley, and R.R. Veit. Long-term colony persistence by a declining aerial insectivore. *Wilson Journal of Ornithology*.
15. **Ramírez-Garofalo, J.R.** New insights into the ecology of a widespread but poorly-known aerial insectivore. *Ecology and Evolution*. In Review.
16. **Ramírez-Garofalo, J.R.**, R.R. Veit, and E.T. Brown. The genus *Tadorna* in the Americas. *Wildfowl*. In Review.
17. **Ramírez-Garofalo, J.R.**, S.R. Curley, A. Ciancimino, R.V. Matarazzo, E. Johnson, and R.R. Veit. 2024. Reproductive success of Bald Eagles in a North American megacity. *Journal of Raptor Research*.

Invited Book Reviews

1. **Ramírez-Garofalo, J.R.** 2023. Vagrancy in Birds. *Ornithology* 140(2): ukac057. <https://doi.org/10.1093/ornithology/ukac057>

Books

1. **Ramírez-Garofalo J.R.**, S.R. Curley, and C.E. Field. 2022. *The Birds of Freshkills Park*. New York City Department of Parks and Recreation and Freshkills Park Alliance. 54 pp.

Selected Professional Presentations

- 2023 **Ramírez-Garofalo, J.R.** and S.R. Curley. 2023. Inter-ocean vagrancy and range expansion by a marine top predator. American Ornithological Society 2023 Meeting. London, Ontario, Canada.

- 2022 **Ramírez-Garofalo, J.R.**, S.R. Curley, and L.L. Manne. 2022. Shifts in non-breeding distribution of North American waterbirds. Ecological Society of America 2022 Meeting. Montreal, Québec, Canada.
- 2022 Curley, S.R., **J.R. Ramírez-Garofalo**, M.A. Acosta Alamo, J.L. Lockwood, and R.R. Veit. 2022. Biotic homogenization between winter and breeding bird communities in the northeastern United States. Ecological Society of America 2022 Meeting. Montreal, Québec, Canada.
- 2021 Curley, S.R. and **J.R. Ramírez-Garofalo**. 2021. Grassland birds at Freshkills Park. New York City Audubon Society. Virtual.
- 2021 Curley, S.R. and **J.R. Ramírez-Garofalo**. 2021. Grassland birds at Freshkills Park. Brooklyn Bird Club. Virtual.
- 2021 Curley, S.R. and **J.R. Ramírez-Garofalo**. 2021. Ecological research at an urban reclaimed landfill: Freshkills Park. New York University, Tisch School of Arts. Virtual.
- 2021 **Ramírez-Garofalo, J.R.** Range expansion by Royal Terns into New York State. New York - New Jersey Harbor Herons and Colonial Waterbirds Working Group Meeting. Virtual.
- 2020 Veit, R.R., and **J.R. Ramírez-Garofalo**. Perspectives on Fish Crows roosting on the Harbor Herons Islands. New York - New Jersey Harbor Herons and Colonial Waterbirds Working Group Meeting. Virtual.
- 2020 Manne, L.L., M.A. Alamo, J. Corazza, S.R. Curley, J. Karas, **J.R. Ramírez-Garofalo**, A. Reyfman, and Z.J. Wang. Differential migration is not consistent across time or space. North American Ornithological Conference. Virtual.
- 2020 Curley, S.R., **J.R. Ramírez-Garofalo**, L.L. Manne, and R.R. Veit. Changes in species contributions lead to a decoupling of community indices at regional and local scales. North American Ornithological Conference. Virtual.
- 2020 **Ramírez-Garofalo, J.R.**, S.R. Curley, and L.L. Manne. Shifts in non-breeding distribution of North American waterbirds. North American Ornithological Conference. Virtual.
- 2020 **Ramírez-Garofalo, J.R.** Pileated Woodpeckers and Urban Greenspaces. New York City Department of Parks and Recreation. Staten Island, NY.
- 2020 **Ramírez-Garofalo, J.R.** Status of grassland birds at Freshkills Park, Staten Island. New York/New Jersey Grasslands Working Group. Staten Island, NY.
- 2019 **Ramírez-Garofalo, J.R.** Black Scoters Staging in an Urban Estuary. New York - New Jersey Harbor Herons and Colonial Waterbirds Working Group Meeting. Staten Island, NY.

- 2019 **Ramírez-Garofalo, J.R.** Land Use Changes and Grassland birds in New York City. New York City Department of Parks and Recreation. Staten Island, NY.
- 2019 **J.R. Ramírez-Garofalo**, and C.E. Field. Grassland Birds at Freshkills Park. New York State Department of Environmental Conservation Regional Conservation Action Plan Conference, New York State Department of Environmental Conservation. New York, NY.
- 2018 **Ramírez-Garofalo, J.R.** 2018 Report on Breeding Grassland Birds at Fresh Kills Park. New York – New Jersey Grasslands Working Group Meeting. Staten Island, NY.
- 2018 **Ramírez-Garofalo, J.R.** Grassland Birds on Reclaimed Lands. Reclaimed Lands Conference, New York University. New York, NY.
- 2017 **Ramírez-Garofalo, J.R.** Impacts of climate change to Staten Island in the 21st Century. Staten Island Museum. Staten Island, NY.
- 2017 **Ramírez-Garofalo, J.R.** Horseshoe Crab Population in New York City. National Hispanic Environmental Council, Wagner College. Staten Island, NY.
- 2016 **Ramírez-Garofalo, J.R.** Improved Attitude Determination and Control in Small Satellites. College of Staten Island Undergraduate Research Conference, College of Staten Island. Staten Island, NY.

Miscellaneous Publications

- 2022 **Ramírez-Garofalo, J.R.**, *et al.* Checklist of the Moths of Richmond County, New York. New York: Modern Press.
- 2020 **Ramírez-Garofalo, J.R.**, *et al.* Checklist of the Birds of Richmond County, New York. New York: Modern Press.

Selected Media Coverage

- 2023 News article. *What's shy, has eight legs and eats Spotted Lanternflies?* James Barron, ***New York Times***.
- 2023 News article. *A tiny songbird, no bigger than a teacup, is back in the New York City region after a 60-year absence.* Elise Hammond, Woojin Lee, Byron Manley, ***CNN***.
- 2023 Television show subject. *Extraordinary Birder*, episode 3. ***National Geographic***.
- 2023 News article. *Some animals have no choice but to live at airports now.* Katherine J. Wu, ***The Atlantic***.
- 2023 News article. *Interview on invasive Joro Spiders in eastern North America.* ***New York Post, The Independent, Time Out New York, The Hill, Daily Mail***.
- 2023 News article. *Bald Eagle population soars in the 'the most unlikely place' — NYC.* Georgia Worrell, ***New York Post***.
- 2023 News article. *Spotted lanternflies are now laying eggs on Staten*

- Island: Here's what you need to do before they hatch.* Anne Marie Barron, **Staten Island Advance**.
- 2022 News article. *Spotted Lanternfly eggs will soon hatch on Staten Island; experts say infestation will grow this year.* Joseph Ostapiuk, **Staten Island Advance**.
- 2022 News article. *These birds aren't lost. They're adapting.* Marion Renault, **New York Times**.
- 2022 News article. *Nets in hand, students at Staten Island high school take to Freshkills Park to study wildlife.* Joseph Ostapiuk, **Staten Island Advance**.
- 2022 News article. *Researchers: disease-carrying Gulf Coast tick has 'foothold' on Staten Island; warming temps could be to blame.* Joseph Ostapiuk. **Staten Island Advance**.
- 2022 Television interview. *Biodiversity change in New York City.* **New York 1**.
- 2021 Television interview. *Effects of Climate Change in New York City.* Donna Hanover, **City University of New York TV**.
- 2021 Radio interview. *The Brian Lehrer Show.* Brian Lehrer, **New York Public Radio**.
- 2021 Documentary subject. *Archipelago New York, Episode 3: The Nature Returns.* **ARTE (German Public TV)**.
- 2021 News articles. *Interview on vagrancy of southern colonial waterbirds appearing in New York State.* **ABC News, Associated Press, Bloomberg, Reuters, and other outlets**.
- 2021 Book chapter. *If it Walks Like a Crab*, in *Crab*. Coverage of Horseshoe Crab population monitoring in New York City. Cynthia Chris, **University of Chicago Press**.
- 2021 News article. *The remarkable patience of the Staten Island bat watchers.* Laura Bliss. **New York Times**.
- 2017 Television interview. *Staten Island landfill-turned-park shows nature's resilience.* **Reuters**.
- 2016 Television interview. *CSI students design satellite, set for space.* Natalie Duddridge. **Staten Island Advance**.