

Jennifer L. Raynor

Wesleyan University · 37 Broad Street, Room 112 · Middletown, CT 06457
(860) 316-4473 · jlraynor@wesleyan.edu · jenniferraynor.com

Last Updated: March 24, 2022

Education

- 2017 Ph.D. in Agricultural and Applied Economics, University of Wisconsin-Madison
Dissertation: “Essays on Measuring the Economic Impacts of Keystone Species”
Advisors: Corbett Grainger (co-chair), Dominic Parker (co-chair), Daniel Phaneuf
- 2016 M.S. in Environment and Resources, University of Wisconsin-Madison
- 2012 M.A. in Applied Economics, Johns Hopkins University
- 2005 B.A. in Economics, LeMoyne College, *Integral Honors (highest honor) and summa cum laude*

Fields of Interest

- Primary Environmental and Natural Resource Economics, Applied Econometrics
- Secondary Remote Sensing, Wildlife Ecology

Academic Appointments

- 2019-curr. Assistant Professor, Department of Economics, Wesleyan University

Publications

Refereed Journal Articles

- 2021 Raynor, J., C. Grainger, and D. Parker. “Wolves make roadways safer, generating large economic returns to predator conservation.” *Proceedings of the National Academy of Sciences* 118(22): e2023251118. [[Full-text](#); [Supplementary Information](#)]

Selected media coverage: [The Atlantic](#), [The Economist](#), [Freakonomics Radio NPR](#)
- 2021 Lynham, J., A. Nikolaev, J. Raynor, T. Vilela, J.C. Villaseñor-Derbez. “Reply to ‘Catch rate composition affects assessment of protected area impacts’.” *Nature Communications* 12(1): 1590. [[Full-text](#)]
- 2020 Siders, Z., N. Ducharme-Barth, F. Carvalho, D. Kobayashi, S. Martin, J. Raynor, T.T. Jones, R. Ahrens. “Ensemble random forests as a tool for modeling rare occurrences.” *Endangered Species Research* 43: 183-197. [[Full-text](#)]
- 2020 Raynor, J. and D. Phaneuf. “Can native species compete with valuable exotics? Valuing ecological changes in the Lake Michigan recreational fishery.” *Journal of Great Lakes Research* 46(3): 643-655. [[Full-text by request](#)]

- 2020 Lynham, J., A. Nikolaev, J. Raynor, T. Vilela, J.C. Villaseñor-Derbez. “Impact of two of the world’s largest protected areas on longline fishery catch rates.” *Nature Communications* 11(1): 979. [[Full-text](#)]

Manuscripts in Submission/Revision

- Oct. 2021 Lynham, J., S. Medoff, J. Raynor. “Evidence of spillover benefits from the world’s largest fully protected MPA.” [In revision, *Science*].

Manuscripts in Preparation

- Jun. 2021 Lynham, J., S. Medoff, J. Raynor. “Testing the pollution haven hypothesis on the high seas.”
- Jun. 2020 Raynor, J. “Estimating the economic costs associated with overabundant deer.”

Awards, Honors, and Fellowships

- 2021-22 [Think Tank Fellowship](#), College of the Environment, Wesleyan University
- 2021 [Lone Mountain Fellowship](#), Property and Environment Research Center
- 2014 Ph.D. Student Fellowship, University of Wisconsin-Madison
- 2005 Wall Street Journal Student Achievement Award
- Misc. Member of *Phi Kappa Phi*, *Pi Gamma Mu*, and *Omicron Delta Epsilon* honors societies

Grants and Funding

- 2021 Quantitative Analysis Center Apprenticeship, Wesleyan University (\$5,000)
- 2020 Sustainability & Environmental Justice Initiative, Wesleyan University (\$500)
- 2018 NOAA internal grant (1 year of graduate RA funding; ~\$60,000)
- 2017 Graduate School Grant, University of Wisconsin-Madison (\$600)
- 2015 Graduate School Grant, University of Wisconsin-Madison (\$1,250)
- 2015 Co-authored USDA grant based on my Ph.D. proposal, PI Dominic Parker, (\$57,660)

Presentations and Workshops

Invited Seminars and Workshops

- 2022 Bates College, Economics Seminar Series
- 2022 Le Moyne College, Social Sciences Seminar Series
- 2022 Colgate University, Environmental Studies Brownbag Series
- 2022 Queens University of Charlotte, Data Analytics Symposium
- 2021 Yale University, Seminar in Environmental and Natural Resource Economics
- 2021 Property and Environment Research Center, Fellowship Seminar
- 2019 Property and Environment Research Center, Incentives for Wildlife Workshop
- 2018 Western Pacific Fishery Management Council, Sea Turtle Bycatch Workshop
- 2018 Western Pacific Fishery Management Council, Seabird Bycatch Workshop
- 2018 Le Moyne College, Social Sciences Seminar Series

*Conference Presentations (*Session Chair)*

- *2021 Western Economic Association International 96th Annual Conference
- *2021 Association of Environmental and Resource Economists Summer Conference
- 2018 International Institute of Fisheries Economics and Trade Conference
- 2017 North Carolina State University, Camp Resources Workshop
- *2017 Western Economic Association International 92nd Annual Conference
- 2017 Heartland Environmental and Resource Economics Workshop at Illinois (poster)

Campus Talks

- 2021 Wesleyan University, Wasch Center Lecture Series
- 2019 Wesleyan University, *Omicron Delta Epsilon* induction ceremony
- 2019 Wesleyan University, College of Social Studies Monday Lunch Series

Teaching Experience*Wesleyan University, Instructor*

- Undergrad Introduction to Economic Theory: Fall 2019 (2 sections), Fall 2020, Spring 2021
- Undergrad Climate Change Economics and Policy: Spring 2020, Fall 2020, Fall 2021
- Undergrad Environmental and Resource Economics: Spring 2020, Spring 2021

University of Wisconsin-Madison, Teaching Assistant

- Undergrad Climate Change Economics and Policy: Fall 2016
- Undergrad Introductory Biology: Spring 2013, Fall 2014, Spring 2014

Research Experience

- 2017-19 Research Economist, National Oceanic and Atmospheric Administration
- 2013-17 Graduate Research Assistant, University of Wisconsin-Madison
- 2006-13 Economist, Bureau of Labor Statistics

Service*Profession*

- Ongoing Referee for: Journal of the Association of Environmental and Resource Economists, Land Economics, International Review of Environmental and Resource Economics, Journal of Outdoor Recreation and Tourism, Lake and Reservoir Management

Department and University

- 2021-curr. Mentor, First Generation Student Collective, Wesleyan University
- 2021 Honors thesis reader (1 Economics, 1 College of Social Studies), Wesleyan University
- 2020 Panel member, Sustainability & Environmental Justice Initiative, Wesleyan University
- 2020 Panel member, New Faculty Orientation Program, Wesleyan University
- 2020 Mentor, Remote Teaching Mentor Program, Wesleyan University

- 2020 Search committee member, Department of Economics, Wesleyan University
- 2019 Search committee member, Department of Economics, Wesleyan University
- 2016-17 Mentor, Nelson Institute Mentor Program, University of Wisconsin-Madison
- 2015-17 Organizer, Environmental Economics Seminar, University of Wisconsin-Madison

Advising

- 2021 grad. Ph.D. committee member for Sarah Medoff, University of Hawai'i at Mānoa
- 2021-22 Wesleyan University: 8 pre-major, 21 econ. major, 2 env. studies capstone
- 2020-21 Wesleyan University: 5 pre-major, 21 econ. major, 1 econ. honors thesis (high honors)
- 2019-20 Wesleyan University: 16 economics major

Media Coverage

- Press [The Atlantic](#), [The Associated Press](#), [The Washington Post](#), [The Economist](#), [Ars Technica](#), [Scientific American](#), [ScienceNews](#), [Smithsonian Magazine](#), [Daily Mail](#) (U.K.), [DerStandard](#) (Austria), [El País](#) (Spain), [FRB](#) (France), [100+](#) other outlets
- Radio [Freakonomics Radio NPR](#), [CBC/Radio-Canada](#) (Canada)

Professional Memberships & Affiliations

American Economic Association, Association of Environmental and Resource Economists, International Institute of Fisheries Economics and Trade, North American Association of Fisheries Economists