

Jennifer L. Raynor

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Academic Positions

- 2021-curr. Assistant Professor, College of the Environment, Wesleyan University
- 2019-curr. Assistant Professor, Department of Economics, Wesleyan University

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 honors) and *summa cum laude*

Fields of Interest

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

Publications

5. Raynor, J., C. Grainger, and D. Parker (2021). “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](#)]

Press/Broadcast: [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), [CBC/Radio-Canada](#) (Canada), [FRB](#) (France), [100+](#) other outlets
4. Lynham, J., A. Nikolaev, J. Raynor, T. Vilela, J.C. Villaseñor-Derbez (2021). “Reply to ‘Catch rate composition affects assessment of protected area impacts.’” *Nature Communications* 12(1): 1590. [[Full-text](#)]
3. Siders, Z., N. Ducharme-Barth, F. Carvalho, D. Kobayashi, S. Martin, J. Raynor, T.T. Jones, R. Ahrens (2020). “Ensemble random forests as a tool for modeling rare occurrences.” *Endangered Species Research* 43: 183-197. [[Full-text](#)]
2. Raynor, J. and D. Phaneuf (2020). “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](#)]

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

Working Papers

6. Lynham, J., S. Medoff, J. Raynor (Oct. 2021). “Evidence of spillover benefits from the world’s largest fully protected MPA.” [In revision].
7. Lynham, J., S. Medoff, J. Raynor (Jun. 2021). “Testing the pollution haven hypothesis on the high seas.”
8. Raynor, J. (Jun. 2020). “Estimating the economic costs associated with overabundant deer.”

Teaching Experience

Wesleyan University, Instructor

- ECON110 Introduction to Economic Theory: Fall 2019 (2 sections), Fall 2020, Spring 2021
- ECON210 Climate Change Economics and Policy: Spring 2020, Fall 2020, Fall 2021
- ECON310 Environmental and Resource Economics: Spring 2020, Spring 2021

University of Wisconsin-Madison, Teaching Assistant

- AAE246 Climate Change Economics and Policy: Fall 2016
- BIO152 Introductory Biology: Spring 2013, Fall 2014, Spring 2014

Professional Experience

- 9/17-4/19 Research Economist, National Oceanic and Atmospheric Administration (NOAA)
- 9/13-8/17 Graduate Assistant, University of Wisconsin-Madison
- 6/13-8/13 Graduate Intern, Environmental Law & Policy Center
- 1/13-5/13 Graduate Assistant, University of Wisconsin-Madison
- 11/09-1/13 Economist, Bureau of Labor Statistics, Division of Major Sector Productivity
- 6/09-9/09 Volunteer, World Wildlife Fund for Nature, Greater Mekong Program (Laos)
- 9/06-6/09 Economist, Bureau of Labor Statistics, Division of International Labor Comparisons

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)

Awards 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

Presentations and Workshops

Invited Seminars and Workshops

- 2021 Yale University, Seminar in Environmental and Natural Resource Economics
- 2021 Property and Environment Research Center, Fellowship Seminar
- 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
- 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 (WEAI) 96th Annual Conference
- *2021 Association of Environmental and Resource Economists (AERE) Summer Conference
- 2018 International Institute of Fisheries Economics and Trade (IIFET) Conference
- 2017 North Carolina State University, Camp Resources Workshop
- 2017 Western Economic Association International (WEAI) 92nd Annual Conference
- 2017 Heartland Environmental and Resource Economics Workshop at Illinois (poster)

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

University

- 2021 Honors thesis reader (1 Economics, 1 College of Social Studies), Wesleyan University
- 2020, 2019 Search committee member, Department of Economics, Wesleyan University (2 searches)
- 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
- 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. co-advisor for Sarah Medoff, University of Hawai‘i at Mānoa
- 2021-22 Wesleyan University: pre-major (8), econ. major (21), environmental studies capstone (2)
- 2020-21 Wesleyan University: pre-major (5), econ. major (21), econ. honors thesis (1, high honors)
- 2019-2020 Wesleyan University: economics major (16)