

# Jennifer L. Raynor

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## Academic Positions

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

## Education

- 2017 Ph.D. in Agricultural and Applied Economics, UW-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, highest honors and *summa cum laude*

## Fields of Interest

Primary Environmental and Natural Resource Economics, Applied Econometrics  
Secondary Behavioral Economics

## 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. [[Post-print](#); [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), [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. [[Open access](#)]
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. [[Open access](#)]
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. [[Open access](#)]

## Working Papers

- Oct. 2021 Lynham, J., S. Medoff, J. Raynor. "Initial evidence of spillover benefits from the world's largest marine reserve."
- June 2021 Lynham, J., S. Medoff, J. Raynor. "Testing the pollution haven hypothesis on the high seas."
- June 2020 Raynor, J. "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

## Work Experience

- 9/17-4/19 Research Economist, National Oceanic and Atmospheric Administration  
 1/13-9/17 Graduate Research Assistant, Research Fellow, and Teaching Assistant, UW-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 (for student RA), Wesleyan University (\$5,000)  
 2020 Sustainability & Environmental Justice Initiative, Wesleyan University (\$500)  
 2017 Graduate School Grant, UW-Madison (\$600)  
 2015 Graduate School Grant, UW-Madison (\$1,250)

## Awards and Fellowships

- 2021-22 [Think Tank Fellowship](#), College of the Environment, Wesleyan University  
 2021 [Lone Mountain Fellowship](#), Property and Environment Research Center  
 2016 Barbara L. Forrest Prize for Best Research Paper, Honorable Mention, UW-Madison  
 2014 PhD Student Fellowship, UW-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 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) 96<sup>th</sup> 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) 92<sup>nd</sup> Annual Conference
- 2017 Heartland Environmental and Resource Economics Workshop at Illinois (poster)

## Service

### *Professional*

- 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 Search committee member, Department of Economics, Wesleyan University
- 2020 Panel member, Sustainability & Environmental Justice Initiative, Wesleyan University
- 2020 Panel member, New Faculty Orientation Program, Wesleyan University
- 2020 Member, Remote Teaching Mentorship Cohort, Wesleyan University
- 2019 Search committee member, Department of Economics, Wesleyan University
- 2016-17 Mentor, Nelson Institute for Environmental Studies Mentor Program, UW-Madison
- 2015-17 Organizer, Environmental and Resource Economics Seminar, UW-Madison

### *Advising*

- 2021-22 Wesleyan University: pre-major (8), economics major (21)
- 2020-21 Wesleyan University: pre-major (5), economics major (21), honors thesis (1 – high honors)
- 2019-2020 Wesleyan University: economics major (16)
- 2021 grad. University of Hawai'i at Mānoa: Ph.D. co-advisor for Sarah Medoff