Jennifer Raynor

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Education

Ph.D. Applied Economics, University of Wisconsin-Madison	GPA: 3.5 / 4.0	Sep. 2014 – Dec. 2017
M.S. Environment and Resources, University of Wisconsin-Madison	GPA: 4.0 / 4.0	Sep. 2012 – Dec. 2016

- Member of all-discipline honor society, awarded to the top 10% of students at the university

M.A. Applied Economics, Johns Hopkins University	GPA: 4.0 / 4.0	Sep. 2010 – Aug. 2012
B.A. Economics, LeMoyne College	GPA: 3.9 / 4.0	Sep. 2001 – May 2005

- *Summa Cum Laude* and *Integral Honors*, the college's highest honor, awarded to ~15 students per year
- Wall Street Journal Student Achievement Award, awarded to 1 student per school per year
- Presidential Scholarship: four-year, full-tuition scholarship, awarded to students with a high school GPA above 95%

Work Experience

Assistant Professor of Economics, University of Wisconsin-Madison, Wisconsin (USA)　　　**Aug. 2022 – Present**
Public, R1 university, ranked #35 nationally and #12 among public schools per U.S. News

- Lead a research lab that uses data-driven insights to solve challenging conservation problems; results published in top scientific journals and covered in major media outlets such as *The Financial Times*, *The Economist*, and *Bloomberg*.
- Honed findings, drafted a manuscript, and authored a widely syndicated news article for a project that combined satellite images, vessel GPS locations, and artificial intelligence to track industrial activity across the world's oceans. The results offered the most comprehensive picture available of fishing, shipping, and energy development at sea and revealed that 75% of fishing vessels operate outside of public monitoring systems.
- Used econometric methods to show that the world's largest no fishing zone increased nearby catch rates for tuna; this suggests that the global initiative to protect 30% of the ocean by 2030 could benefit the $40 billion tuna fishing industry.

Assistant Professor of Economics, Wesleyan University, Connecticut (USA)　　　**Jul. 2019 – Jun. 2022**
Private, liberal arts college, ranked #11 among national liberal arts colleges per U.S. News

- Published 5 papers in top academic journals, featured in *The Atlantic*, *The Economist*, and 100+ other news outlets.
- Instructed 3 popular economics courses; 90–100% of students rated my teaching as outstanding or exceptional.

Research Economist, National Oceanic & Atmospheric Administration, Hawaii (USA)　　　**Sep. 2017 – Apr. 2019**
Federal agency responsible for stewardship of the nation's ocean resources and habitats

- Advised fishery managers on strategies to reduce sea turtle bycatch in Hawaii's swordfish fishery; these strategies lengthened the fishing season by 8 months and increased annual revenue by $3 million the following year.
- Independently developed code, procedures, and training materials for analysts to access secure databases directly, rather than through data requests; eliminated 2–4 month wait times and reduced burden on database managers.

Graduate Assistant, University of Wisconsin-Madison, Wisconsin (USA)　　　**Jan. 2013 – Aug. 2017**
Applied economics PhD program, ranked #14 in Economics graduate programs per U.S. News

- Conducted a survey and developed discrete choice behavioral models to predict angler responses to fishing conditions.
- Advised fishery managers on fish stocking strategies to maximize the economic value of Great Lakes angling.

Economist, Bureau of Labor Statistics, Washington, District of Columbia (USA)　　　**Nov. 2009 – Jan. 2013**
Federal agency responsible for measuring labor markets, prices, and productivity　　　**Sep. 2006 – Jun. 2009**

- Led an inter-agency team of 9 people on a global labor market report, distributed by the Secretary of Labor at international forums; increased annual web hits from 30K to 450K through content and marketing improvements.
- Led a team of 13 people on a multi-year project to streamline production of labor productivity data, a principal indicator of economic performance used by Congress; the system prevented publication of erroneous data twice.

Board Membership

Member, Board of Directors, Global Fishing Watch, Washington, District of Columbia (USA)　　　**Mar. 2023 – Present**
Nonprofit organization dedicated to advancing ocean governance with ~$75 million in revenues in 2023

- Co-developed a 7-year strategic plan focused on aligning priorities and leveraging a $60 million TED grant.