

JACOB P. BYL

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EXPERIENCE

Western Kentucky University, Bowling Green, KY

Assistant Professor of Economics, Gordon Ford College of Business, August 2018–present

Teaching undergraduate and graduate courses in environmental economics, economic analysis of law, microeconomics, statistics, and moral issues in capitalism

Vanderbilt Law School, Nashville, TN

Postdoctoral Research Scholar in Law and Economics, September 2017–August 2018

Taught graduate level course on risk and environmental regulation and researched endangered species regulations and effects of advertising on risk beliefs

Hon. Jane Branstetter Stranch, U.S. Court of Appeals, Sixth Circuit, Nashville, TN

Judicial Clerk, August 2016–August 2017

Hon. Robert J. Jonker, U.S. District Court, Western District of Michigan, Grand Rapids, MI

Judicial Clerk, August 2015–August 2016

Vanderbilt Law School, Nashville, TN

Research Assistant, June 2009–May 2015

Worked with W. Kip Viscusi on projects involving meta-analysis of economic valuations of saving human lives, effect of energy efficiency on housing prices, and role of social norms in recycling

Reach the World—Chicago, Chicago, IL

Co-Founder and Education Coordinator, September 2004–June 2008

Created a nonprofit and delivered global content to public elementary students, including two years in inner-city classrooms and one year on a sailing expedition team

EDUCATION

Vanderbilt University, Nashville, TN

Doctor of Philosophy in Law and Economics, May 2015

Dissertation: “Toward More Effective Endangered Species Regulation”

Committee: J.B. Ruhl (Chair), Kathryn Anderson, Cindy D. Kam, W. Kip Viscusi

Fields: Risk and Environmental Regulation, Labor and Human Resources

Juris Doctor, May 2015

Honors and Activities: VANDERBILT LAW REVIEW, ENVIRONMENTAL LAW AND POLICY ANNUAL REVIEW, Vanderbilt Law & Economics Scholars Program, Dean’s List

University of Texas at Austin, Austin, TX

Economics Graduate Program, 2008–2009

Completed first year of graduate economics training before transferring to Vanderbilt University

Northwestern University, Evanston, IL

Bachelor of Arts *cum laude*, June 2005

Economics and International Studies

Honors and Activities: Study Abroad Research Program (South Africa), Sailing Team

PUBLICATIONS

Three Barriers to Effective Programs with Payment for Ecosystem Services: Behavioral Responses in a Computer-Based Experiment, 13 SUSTAINABILITY 1-17 (2021).

Experimental Study of Consumer Responses to Different Sources of Information about Prescription Drugs, JOURNAL OF ECONOMIC BEHAVIOR AND ORGANIZATION (2021) (with W. Kip Viscusi).

Perverse Incentives and Safe Harbors in the Endangered Species Act: Evidence from Timber Harvests near Woodpeckers, 157 ECOLOGICAL ECONOMICS 100-108 (2019).

Regulations to Protect Endangered Species Reduce Local Employment: Evidence from the Listing of the Lesser Prairie Chicken, 43 JOURNAL OF AGRICULTURAL AND RESOURCE ECONOMICS 346-363 (2018) (with Richard T. Melstrom and Kangil Lee).

Accurate Economics to Protect Endangered Species and their Critical Habitat, 36 PACE ENVIRONMENTAL LAW REVIEW 308-345 (2018).

Conserving a Place for Renewable Power, 29 JOURNAL OF ENVIRONMENTAL LAW & LITIGATION 303 (2014). Finalist in 2012 Hartrick Scholar writing competition of Institute for Energy Law.

Comment: Trends in Environmental Law Scholarship: Academic Years 2008–2012, 43 ENVIRONMENTAL LAW REPORTER NEWS & ANALYSIS 10643 (2013) (with Linda K. Breggin, Lynsey R. Gaudioso, Seamus T. Kelly, and Michael P. Vandenberg).

Protecting the Innocent with a Premium for Child Safety Regulations, 8 UNIVERSITY OF MASSACHUSETTS LAW REVIEW 264 (2013).

Comment: Trends in Environmental Law Scholarship: Academic Years 2008–2011, 42 ENVIRONMENTAL LAW REPORTER NEWS & ANALYSIS 10711 (2012) (with Linda K. Breggin, Lynsey R. Gaudioso, Seamus T. Kelly, and Michael P. Vandenberg).

OTHER PUBLICATIONS

Stimulation of Cave Bacteria from Mammoth Cave, Kentucky by Sublethal Concentrations of Antibiotics, 85(1) JOURNAL OF CAVE AND KARST STUDIES 16 (2023) (with Tom Byl, Petra Byl, and Rick Toomey).

Average Well Color Development Data for Water Samples from Six Locations within the Historic Section of Mammoth Cave National Park, Kentucky, SCIENCEBASE DATA CATALOG, <https://doi.org/10.5066/F7J1018X> (2020) (with Tom Byl).

Easements with Ecosystems: A Conservation Tool for Endangered Species, AMERICAN BAR ASSOCIATION, SECTION OF ENVIRONMENT, ENERGY, AND RESOURCES, ONLINE BULLETIN (2015). Winner of National Writing Competition for Law Students.

Protecting Endangered Species in Michigan's Patchwork of Land, 33 MICHIGAN ENVIRONMENTAL LAW JOURNAL 11 (2015) (Bar Association Journal).

Antibiotic Resistance and Substrate Utilization by Bacteria Affiliated with Cave Streams at Different Levels of Mammoth Cave, 10 PROCEEDINGS OF THE MAMMOTH CAVE NATIONAL PARK RESEARCH SYMPOSIUM 33 (2013) (with Petra Byl, Shannon Trimboli, Rick Toomey, David Solomon, and Tom Byl).

GRANTS

“Integration of Virtual Reality Technology into Teaching and Research.” College-wide grant for \$4,835.

“Stated and Revealed Preferences for Conservation of Endangered Species at Mammoth Cave National Park.” PI. Center for Growth and Opportunity: external grant for \$4,200. 2020.

“Valuation Study of Endangered Species at Mammoth Cave National Park.” PI. Research and Creative Activities Program at WKU: university-wide internal grant for \$7,421; college-wide grant for \$364. 2019-2020.

CURRENT RESEARCH

Risk Beliefs and Behavior: Evidence from the COVID-19 Pandemic (with W. Kip Viscusi)

Who Should Regulate Late-Night Attorney Ads? Evidence from Risk Belief Surveys of Attorney Advertisements of Pharmaceutical Drugs (with W. Kip Viscusi)

Stated and Revealed Preferences for Conservation of Species (with Stephen Locke)

Water Savings from Grass Conversion Incentives in Arid Areas (with Charles Smith)

PRESENTATIONS

“Risk Beliefs and Behavior: Evidence from the COVID-19 Pandemic.” Southern Economic Association, New Orleans, November 2023.

“Risk Beliefs and Behavior: Evidence from the COVID-19 Pandemic.” Frontiers in Law and Economics Conference, Vanderbilt University, April 2023.

“Who Should Regulate Late-Night Attorney Ads? Evidence from Risk Belief Surveys of Attorney Advertisements of Pharmaceutical Drugs.” Southern Economic Association, Ft. Lauderdale, FL, November 2022.

“Stated and Revealed Preferences for Conservation of Species.” Southern Economic Association, Houston, TX, November 2021.

“Stated and Revealed Preferences for Conservation of Species.” Kentucky Economic Association, Brescia University, October 2021.

“Stated and Revealed Preferences for Conservation of Species.” Frontiers in Law and Economics Conference, Vanderbilt University, April 2021.

“Three Barriers to Incentivized Voluntary Conservation.” Southern Economic Association Annual Conference, Ft. Lauderdale, FL, November 2019.

“The Informational Role of Self-Reported Importance and Credibility of Information Sources.” Frontiers in Law and Economics Conference, Vanderbilt University, March 2019.

“How Attorney Advertising Alters Risk Perceptions for Prescription Drugs.” Southern Economic Association Annual Conference, Washington, DC, November 2018.

“Experimental Evidence of Landowner Behavior in Endangered Species Habitat Programs” American Law and Economics Association Annual Meeting, Boston University, May 2018.

“Perverse Incentives and Safe Harbors in the Endangered Species Act: Evidence from Timber Harvests near Woodpeckers” Department of Economics, Western Michigan University, April 2016.

“Lean and Green: Sentencing for Federal Environmental Crimes” Frontiers in Law and Economics Conference, Vanderbilt University, April 2016.

“Experimental Evidence of Landowner Behavior in Endangered Species Habitat Programs.” Department of Agricultural Economics, Oklahoma State University, April 2015.

“Perverse Incentives and Safe Harbors in the Endangered Species Act: Evidence from Timber Harvests near Woodpeckers” Southern Economics Association Annual Conference, Atlanta, GA, November 2014. Recipient of Graduate Student Award.

“Perverse Incentives of the Endangered Species Act: Evidence from Timber Harvests near Woodpeckers” American Law and Economics Association Annual Meeting, University of Chicago, May 2014.

PROFESSIONAL

Bar License: Tennessee (2015–present)

Professional Service as Reviewer:

Journal of Risk and Uncertainty, Journal of the Association of Environmental and Resource Economics, Energy Research and Social Science, Society and Natural Resources, Sustainability, Land

Professional Affiliations:

American Economic Association
American Law and Economics Association
Association of Environmental and Resource Economists
Kentucky Economic Association
Southern Economics Association

Member, Southeastern Analysis Group, LLC

Expert consultant for damages and empirical analysis