

Timothy Fitzgerald
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CURRENT POSITIONS

Visiting Associate Professor, Baker School of Public Policy, University of Tennessee
August 2024–present
Associate Professor, Rawls College of Business, Texas Tech University
August 2015–present
Chair, Energy and Environmental Markets Advisory Committee (EEMAC) Physical
Energy Infrastructure Subcommittee, Commodity Futures Trading Commission (CFTC)
2023–present
Advisory Board, *Energy Research Letters*, 2020–present
Book Review Editor, *The Energy Journal*, 2017–present

PREVIOUS POSITIONS

Chief International Economist, Council of Economic Advisers, Executive Office of the
President April 2018–December 2018
Senior Economist, Council of Economic Advisers, Executive Office of the President
July 2017–April 2018
Assistant Professor, Agricultural Economics & Economics, Montana State University
January 2009–August 2015
Adjunct Instructor, Agricultural Economics & Economics, Montana State University
August 2007–December 2008

EDUCATION

Ph.D., Agricultural and Resource Economics, University of Maryland, January 2009
Dissertation Title: *Essays on Split Estates in Energy Development*
A.B., *summa cum laude* in Economics and Environmental Studies, Bowdoin College, 1997

PUBLICATIONS

REFEREED JOURNALS

Fitzgerald, Timothy. 2024. [Regulatory Capture in a Resource Boom](#) *Public Choice*. 198: 93–127.

Fitzgerald, Timothy and Michael Giberson. 2021. [Wind Project Performance with Age: Policy, Technology, Markets, and the Maturing Wind Power Industry](#). *The Electricity Journal*. 34(10): 107047.

Fitzgerald, Timothy and Charles F. Mason. 2021. [Understanding Productivity Effects of Hydraulic Fracturing in Unconventional Natural Gas Deposits and Implications for Adoption in the Developing World](#). *Environment and Development Economics*. 26(3): 281–301.

Banks, George David, and Timothy Fitzgerald. 2020. [A Sectoral Approach Allows an Artful Merger of Climate and Trade Policy](#). *Climatic Change*. 162(2): 165–173.

- Fitzgerald, Timothy, Yusuke Kuwayama, Sheila Olmstead, and Alexandra Thompson. 2020. [Dynamic Impacts of U.S. Energy Development on Agricultural Land Use](#). *Energy Policy*. 137: 111163.
- Fitzgerald, Timothy and Forrest Aven, Jr. 2020. [Paying for Procurement: Analysis of Landman Compensation Surveys](#). *Applied Economics*. 52(6): 552–567.
- Brown, Jason P., Timothy Fitzgerald, and Jeremy G. Weber. 2019. [Does Resource Ownership Matter? Oil and Gas Royalties and the Income Effect of Extraction](#). *Journal of the Association of Environmental and Resource Economists*. 6(6): 853–878.
- Avalos, Roger, Timothy Fitzgerald, and Randal R. Rucker. 2016. [Measuring the Effects of Natural Gas Pipeline Constraints on Regional Pricing and Market Integration](#). *Energy Economics*. 60: 217–231.
- Brown, Jason P., Timothy Fitzgerald, and Jeremy G. Weber. 2016. [Capturing Rents from Natural Resource Abundance: Private Royalties from U.S. Onshore Oil and Gas Production](#) *Resource and Energy Economics*. 46: 23–38.
- Elizondo, Vanessa, Timothy Fitzgerald, and Randal R. Rucker. 2016. [You Can't Drag Them Away: An Economic Analysis of the Wild Horse and Burro Program](#). *Journal of Agricultural and Resource Economics*. 41(1): 1–24.
- Fitzgerald, Timothy and Randal R. Rucker. 2016. [U.S. Private Oil and Natural Gas Royalties: Estimates and Policy Relevance](#). *OPEC Energy Review*. 40(1): 3–25.
- Fitzgerald, Timothy. 2015. [Experiential Gains with a New Technology: An Empirical Investigation of Hydraulic Fracturing](#). *Agricultural and Resource Economics Review*. 44(2): 83–105.
- Fitzgerald, Timothy. 2014. [Mineral Rights and Royalty Interests: Importance for Rural Residents and Landowners](#). *Choices*. 29(4).
- Fitzgerald, Timothy. 2013. [The Role of Ownership in Environmental Performance: Evidence from Coalbed Methane Development](#). *Environmental Management*. 52(6): 1503–1517.
- Banzhaf, H. Spencer, Timothy Fitzgerald, and Kurt Schnier. 2013. [Non-Regulatory Approaches to the Environment: Coasean and Pigouvian Perspectives](#). *Review of Environmental Economics and Policy*. 7(2): 238–258.
- Fitzgerald, Timothy. 2012. [Natural Resource Production under Divided Ownership: Evidence from Coalbed Methane](#). *Review of Law and Economics*. 8(3): 719–757.
- Fitzgerald, Timothy. 2010. [Evaluating Split Estates in Oil and Gas Leasing](#). *Land Economics*. May. 86(2): 294–312.
- BOOK CHAPTERS**
- Fitzgerald, Timothy. 2021. [Merging Trade and Climate Policy](#). in [Adapt and be Adept: Market Responses to Climate Change](#). ed. Terry L. Anderson. Hoover Institution Press.

Fitzgerald, Timothy. 2020. The Environmental Case for Jones Act Reform. in The Case Against the Jones Act. ed. Inu Manak and Colin Grabow. Cato Press.

Fitzgerald, Timothy. 2015. Offset Spread Options in the European Carbon Market. in Emissions Trading Systems as a Policy Instrument. ed. Beat Hintermann and Marc Gronwald. MIT Press.

Braun, Nathan, Timothy Fitzgerald, and Jason Percy. 2015. Tradable Emissions Permits with Offsets. in Emissions Trading Systems as a Policy Instrument. ed. Beat Hintermann and Marc Gronwald. MIT Press.

Fitzgerald, Timothy and A. Myrick Freeman III. 2008. Counting the Wealth of Nature: An Overview of Ecosystem Valuation. in Accounting for Mother Nature. ed. Terry L. Anderson, Laura E. Huggins, and Thomas M. Power. Stanford University Press.

LAW REVIEW ARTICLES

Fitzgerald, Timothy. Forthcoming. [Infrastructure for the Energy Transition](#) *Case Western Reserve Law Review*. 75

Fitzgerald, Timothy. 2018. [Regulatory Obsolescence through Technological Change in Oil and Gas Extraction](#). *Environmental Law and Policy Review* 43(1): 137–171.

Fitzgerald, Timothy. 2013. [Frackonomics: Some Economics of Hydraulic Fracturing](#). *Case Western Reserve Law Review*. 63(4): 1337–1362.

OTHER PUBLICATIONS

Fitzgerald, Timothy. 2024. Resource Curse. *Encyclopedia of Energy Economics*. Edward Elgar. London.

Fitzgerald, Timothy. 2020. Environmental Costs of the Jones Act. Policy Analysis #886. Cato Institute: Washington, DC. McGowen, Patrick, Jaydeep Chaudhari, Brian Church,

Janelle Booth, Timothy Fitzgerald, Daniel Richter, and Robert J. Eger III. 2011. Montana Fuel Tax Refunds: Final Report. Western Transportation Institute, Bozeman, MT.

Fitzgerald, Tim. 2000. Federal Land Exchanges: Let's End the Barter. *PERC Policy Series* #18. PERC: Bozeman, MT.

CURRENT WORKING PAPERS

Whose Frac is It, Anyway? Examining Intellectual Property of Hydraulic Fracturing to Explain Industrial Organization in Oilfield Services (with Charles F. Mason) *revisions requested*

Wild Horses and Burros in Economic Perspective *revisions requested*

The Long-Run Effects of Rural Electrification on the Provision of Power in Exurban Regions (with J. Wesley Burnett and Christopher Sichko)

Valuing Pore Space for Geological CO_2 Sequestration

[The Economic Costs of Green Recovery Plans](#) (with Casey B. Mulligan)

Repair, retire, repower? (with Michael Giberson)

The Environmental Costs of the Jones Act

Measuring Electrical Reliability and Resilience: The Eagle-I View (with Ian Lange)

PERMANENT WORKING PAPERS

[The effects of Biden's tax and regulatory agenda on long run economic activity](#) (with Kevin Hassett, Casey B. Mulligan, and Cody Kallen) *2020*

[Protecting Rhinos through Legal Horn Trade](#) (with Michael t' Sas-Rolfes) *2013*

FELLOWSHIPS AND AWARDS

Nonresident Fellow, American Center for Capital Formation, 2019

John V. Krutilla Research Fellow, Resources for the Future, 2012–2013

Meridian Institute Conservation Leadership Partnership Fellow, 2012

Lone Mountain Fellow, Property and Environment Research Center, 2012, 2016

Noyes Political Economy Prize, Bowdoin College, 1997

Surdna Foundation Undergraduate Research Fellowship, 1996–1997

GRANTS

DOE NETL, Understanding Pore Space Values (subaward), 2024

RTGov, 2023

Rawls Summer Faculty Research Grant, 2023

Hayek Fund for Scholars, Institute for Humane Studies, 2020

USDA NIFA AFRI, Effects of Oil and Gas Development on Agriculture, 2014–2019

Faculty Excellence Grant, Montana State University, 2013–2014

Faculty Development Award, Montana State University, 2011

Research Enhancement Award, MSU Letters & Sciences, 2009–12

Jacob Goldhaber Travel Grant, University of Maryland, 2007

PRESENTATIONS

INVITED

2024 Indiana University (O'Neill); University of Nevada; Texas Tech University (Econ).

2023 New Mexico State University; University of Arizona (AREC).

2022 Colorado School of Mines; Qingdao University; USDA Economic Research Service; University of Wyoming (SER).

2020 Air Force Academy; Bowdoin College (postponed); Cornell University (Dyson).

2019 University of Tennessee; Baylor University.

2017 Dallas Federal Reserve; Texas Christian University; Texas Tech University (AAEC).

2016 University of Texas (Energy Symposium); USAEE Houston Chapter.

2015 Texas Tech University (AAEC).

2014 Texas A&M University (Ag Econ).

2013 Colorado School of Mines; Columbia University Law School.

2012 Bowdoin College; University of New Hampshire; Congressional Budget Office; Case Western Reserve University Law School; Colorado School of Mines.