

# Gavin Roberts

Weber State University

Department of Economics

Goddard School of Business & Economics

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## Areas of Interest

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**Research Interests:** Energy Economics & Finance, Environmental & Resource Economics, Applied Microeconomics

**Teaching Interests:** Energy Economics & Finance, Environmental & Resource Economics, Microeconomics, Macroeconomics, Econometrics, Financial Markets & Institutions, Finance

## Academic Employment

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Weber State University, Department of Economics, Assistant Professor, 2017 to Present

University of Wyoming, Department of Economics, Graduate Assistant, 2012 to 2017

## Education

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**Ph.D., Economics**, University of Wyoming Department of Economics and Finance. May 2017.

Dissertation: *Integrating Petroleum-Engineering Knowledge into the Economics of Natural Gas and Crude Oil Production*.

Dissertation Advisors: Klaas van 't Veld and Benjamin Gilbert

Members: Charles F. Mason, Edward Barbier, Frederic Sterbenz, Vladimir Alvarado

**B.A., Economics and Mathematics**, Metropolitan State University of Denver, 2011, Magna Cum Laude.

## Peer-Reviewed Journal Articles

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Price elasticity of supply and productivity: an analysis of natural gas wells in Wyoming. (Forthcoming in *The Energy Journal*). With Charles F. Mason.

Should all of Europe share a currency? A multi-country analysis. *The Journal of World Economic Review*, 6, 55-74. 2011. With Kishore Kulkarni and Juan Dempere

## Articles Under Peer Review

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Revisiting the drivers of natural gas prices. (Submitted August 2017 to *Energy Economics*).

Social capital and the voluntary provision of public goods. (Submitted August 2017 to *The Journal of Behavioral and Experimental Economics*). With Rik Chakraborti, Matthew Maloney and Jason Shogren.

## Working Papers

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Drill-bit parity: supply-side links in oil and gas markets. Presented at *AERE Summer Conference*, 07/2016, Breckenridge, CO. With Benjamin Gilbert.

The beginning of the end of the age of oil. Presented at *NCSU Camp Resources*, 08/2016, Wilmington, NC. With Klaas van't Veld and Edward Barbier.

## Teaching Experience

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Principles of Microeconomics, Principles of Macroeconomics, Environmental Economics, Financial Markets and Institutions, Business Statistics

Economics, Mathematics, and Spanish Tutor. *Metropolitan State University of Denver*. August 2009 to August 2012.

## Professional Experience

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Consultant to Expert Witness, *United States Department of Justice*, 05/2014 to 03/2015.

Energy Fundamentals Analyst, *BENTEK Energy: A McGraw Hill Company*. 09/2011 to 08/2012.

## Grants and Fellowships

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2016/2017 Visiting Dissertation Fellow. *The Mercatus Center at George Mason University*. Total award: \$15,000.

2015/2016 Frédéric Bastiat Fellow. *The Mercatus Center at George Mason University*. Total award: \$5000.

Integrating Petroleum-Engineering Knowledge into Models of Oil Markets, with application to Wyoming. *University of Wyoming Center for Energy Economics and Public Policy (CEEPP.)* with Klaas van 't Veld. Total award: \$91,000.

2016 Student Fellow of the Public Choice Society. *2016 Annual Meetings of the Public Choice Society*, 03/2016, Fort Lauderdale, FL.

2015 Young Scholar. *The Association of Private Enterprise Education Annual Meeting*, 04/2015, Cancun, Mexico.

2015 Student Fellow of the Public Choice Society. *2015 Annual Meetings of the Public Choice Society*, 03/2015, San Antonio, TX.

Graduate Student Grant. *School of Energy Resources (SER)*. Total award \$20,000, Academic Year 2013/2014.

Graduate Student Grant. *School of Energy Resources (SER)*. Total award \$5,000, Summer 2013.

Graduate Student Grant. *School of Energy Resources (SER)*. Total award \$20,000, Academic Year 2012/2013.

## Presentations and Invited Talks

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Kirznerian oilmen. *The American Institute of Economic Research*, 08/2017, Great Barrington, MA.

Drill-bit parity: The increasing importance of supply-side links in oil and gas markets. *AERE Sessions of the 2016 Meetings of the Southern Economics Association*, 11/2016, Washington, D.C.

Drill-bit parity: The increasing importance of supply-side links in oil and gas markets. *Department of Agricultural and Resource Economics Seminar, Colorado State University*, 11/2016, Fort Collins, CO.

The beginning of the end of the age of oil. *NCSU Camp Resources*, 08/2016, Wilmington, NC.

Texas tea or swamp gas: A supply-side link in oil and gas markets. {New title: Drill-bit parity: The increasing importance of supply-side links in oil and gas markets.} *AERE Summer Conference*, 07/2016, Breckenridge, CO.

Drill-bit hydrocarbons: Recent history and thoughts about the future. *2016 Wyoming Energy Summit*, 05/2016, Cheyenne, WY.

Social and the voluntary provision of public goods. Annual Meeting of the Public Choice Society, 03/2016, Fort Lauderdale, FL.

Decline curves in natural gas production: implications of new technologies. *UW Economics and Finance Dept. Graduate Student Group*, 11/2015, Laramie, WY.

Supply-side cointegration of natural gas and oil prices. (Research sketch). *Front Range Energy Camp*, 05/2015, Boulder, CO.

The vigilante game. *The Association of Private Enterprise Education Annual Meeting*, 04/2015, Cancun, Mexico.

The vigilante game. *Annual Meeting of the Public Choice Society*, 03/2015, San Antonio, TX.

Oil market dynamics incorporating geological decline. *UW Economics and Finance Dept. Graduate Student Group*, 02/2015, Laramie, WY.

Optimizing Storage Injections and Withdrawals. *Platts Webinar*, 06/2012, Evergreen, CO.

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## Referee/Reviewer

*The Energy Journal, Resource and Energy Economics, The Journal of African Business*

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## Specialized Training and Software

*Basic to Advanced GAMS Class*, 08/2015, Frisco, CO.

*EconEd Conference 2014*, 10/2014, Denver, CO.

Software: Stata, GAMS, R, LaTeX, Mathematica, Gauss

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## Awards and Achievements

William E. Morgan Graduate Award, *University of Wyoming Department of Economics and Finance*, 2015/2016 Academic Year.

Best Graduate Student Teaching Award, *University of Wyoming Dept. of Economics and Finance*, 2014/2015 Academic Year.

Top Storage Forecaster. *BENTEK Energy* based on polling by *Energy Metro Desk*, 2012.

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## Volunteer Experience

GED Mathematics Tutor. *The Denver Rescue Mission*. 06/2014 to present. 200+ hours.

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## Professional References

Charles F. Mason

H.A. "Dave" True, Jr. Professor of Petroleum and Natural Gas Economics and Finance

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