

Benjamin T. Gilbert
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CONTACT:

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CITIZENSHIP: United States

EDUCATION:

B.A. Economics and English Literature, Whitman College, 1999
Ph.D. Economics, University of California, San Diego, 2011
Thesis: Essays on Institutions and Innovation in Natural Resource Industries

RESEARCH FIELDS:

Primary: Environmental and Natural Resource Economics, Energy Economics
Secondary: Applied Microeconomics, Public Economics, Behavioral Economics

PROFESSIONAL EXPERIENCE:

2017- : Assistant Professor, Colorado School of Mines Division of Economics & Business
Faculty Fellow, Payne Institute for Earth Resources
2011-2017: Assistant Professor, University of Wyoming Economics & Finance Department
Consulting Faculty, UW Building Energy Research Group (BERG)
2009-2011: NOAA Fisheries & Sea Grant Fellowship in Marine Resource Economics
2008-2009: Business and Corporate Development Intern, Sempra Energy
2006-2008: National Science Foundation, Integrative Graduate Education and Research Traineeship
(IGERT), Fellowship in Marine Biodiversity and Conservation
2005: Research Assistant, Professor Dale Squires, NOAA Southwest Fisheries Science Center
2001-2004: Technology and Government News Reporter, Energy NewsData and The Daily Astorian

PUBLICATIONS:

Gilbert, B., & Roberts, G. (2019). Drill-bit parity: Supply-side links in oil and gas markets. *Accepted at Journal of the Association of Environmental and Resource Economists*.

Thunstrom, L., Gilbert, B., & Jones Ritten, C. (2018). Nudges that hurt those already hurting – distributional and unintended effects of salience nudges. *Journal of Economic Behavior & Organization* 153: 267-282.

Gilbert, B., James, A., & Shogren, J. (2018). Corporate apology for environmental damage. *Journal of Risk & Uncertainty* 56 (1): 51-81

Eskander, S.M.S.U., Barbier, E., & Gilbert, B. (2018). Fishing and non-fishing income decisions: The role of human capital and family structure. *Land Economics* 94 (1): 114-136.

Beracha, E., Gilbert, B., Kjorstad, T., & Womack, K. (2016). On the relation of local amenities and house price dynamics. *Real Estate Economics*, doi:10.1111/1540-6229.12170.

Gilbert, B. & Graff Zivin, J. (2014) Dynamic salience with intermittent billing: evidence from smart electricity meters. *Journal of Economic Behavior & Organization* 107 (A): 176-190.

Gilbert, B. & Yeo, B.H. (2014) Technological change and managerial ability: evidence from a Malaysian artisanal fishery. *Land Economics* 90 (2): 352-371.

Fissel, B., Gilbert, B., & LaRiviere, J. (2013). Technology adoption and diffusion with uncertainty in a commons. *Economics Letters* 120 (2): 297-301.

REFEREED CONFERENCE PROCEEDINGS:

Gardzelewski, J., Denzer, A., & Gilbert, B. (2017). Architecturally Integrated Photovoltaic Panels: Residential Design Methods and Consumer Preferences. In *Proceedings of the Architectural Engineering Institute 2017* (pp. 940-951), American Society of Civil Engineers.

WORKING PAPERS:

“Dynamic corrective taxes with time-varying salience,” with Joshua Graff Zivin, *Revise & resubmit at Journal of Environmental Economics and Management*.

“Prospects for mining asteroids: Into this world or out of the question,” with Carol Dahl and Ian Lange, *Revise & resubmit at Mineral Economics*.

“Leakage in regional climate policy? Implications of market design,” with Brittany Taruffelli, *under review*.

“Mistakes and energy efficiency investment,” with Jacob LaRiviere and Kevin Novan, *under review*.

“Remittances and small-scale coastal fishing in a developing country,” with Ed Barbier, *under review*.

“The pain of paying with other people’s money,” with Aaron Enriquez and Linda Thunstrom, *under review*.

“Energy efficiency, green technology, and the pain of paying,” with Dayana Zhappassova and Linda Thunstrom.

“Overlapping environmental and financial regulations: The role of corporate governance,” with Sridhar Gogineni, Klaas van ‘t Veld & Chenyang Xu.

“Firm Boundaries with Impure Public Goods”

“Technology Shocks and Capital Investment in the Commons,” with Benjamin Fissel

WORK IN PROGRESS:

“Oil and gas well targeting: Associated gas, wet gas, and the implications for supply and methane emissions”, with Gavin Roberts.

“Rotary-rig parity: The drilling rate-augmented relationship between oil and gas prices”, with Gavin Roberts.

“Flaring natural gas: Short term constraint or long term economic decision?” with Mark Agerton and Gregory B. Upton Jr.

“Hold up in the oil patch: The effect of rent-seeking on natural gas flaring”, with Mark Agerton and Gregory B. Upton Jr.

“Is residential solar an aesthetic amenity or disamenity? Valuing preferences for architectural alternatives,” with Anthony Denzer and Jon Gardzelewski.

“Social Image, Signaling, and Sorting: Evidence from a Discrete Choice Experiment with Solar Homes,” with Anthony Denzer and Jon Gardzelewski

“Do sales agents understand buyer preferences? The case of solar and energy efficient homes,” with Anthony Denzer and Jon Gardzelewski.

“Well bonds and voluntary oil spill reporting,” with Joshua Kroschel and Peter Maniloff.

“Emotions in risk-taking and spending,” with Linda Thunstrom

“Conspicuous Consumption of Charismatic Species”

TEACHING:

Graduate:

Advanced Econometrics (Ph.D.); Advanced Microeconomic Theory (M.S. and Ph.D.); Time Series Econometrics (M.S. and Ph.D.); Environmental Economics (Master’s)

Undergraduate:

Mathematical Economics, Intermediate Microeconomics, Econometrics, Principles of Microeconomics

CONFERENCE AND SEMINAR PRESENTATIONS:

- Nov 2019: USAEE Annual Conference in Denver, CO
“Oil and gas well targeting: Associated gas, wet gas, and the implications for supply and methane emissions”
- May 2019: AERE Summer Conference in Lake Tahoe, NV
“Oil and gas well targeting: Associated gas, wet gas, and the implications for supply and methane emissions”
- July 2018: Biennial Conference, International Institute for Fisheries Economics and Trade (IIFET), Seattle, WA
“Remittances and coastal fishing in a developing country”
- June 2018: World Congress of Environmental and Resource Economics, Gothenburg, Sweden
“Drill-bit parity: Supply side links in oil and gas markets”
- June 2016: AERE Summer Conference in Breckenridge, CO
“Social Image, Signaling, and Sorting: Evidence from a Discrete Choice Experiment with Solar Homes”
- Oct. 2015: Colorado State University invited seminar
“Overlapping Environmental and Financial Regulations: The Role of Corporate Governance”
Resources for the Future, coauthor Jacob LaRiviere invited seminar
“Incentives and Additionality in Energy Efficiency Subsidies”
Financial Management Association annual meeting in Orlando, FL
“Overlapping Environmental and Financial Regulations: The Role of Corporate Governance” (presented by coauthor Sridhar Gogineni)
- Sept. 2015: Energy Policy Research Conference in Denver, CO

- “Social Image in the Residential Solar Market: Evidence from a Discrete Choice Experiment”*
“Overlapping Environmental and Financial Regulations: The Role of Corporate Governance”
- July 2015: InterSolar North America (industry conference), invited panelist
“Social Image in the Solar Home Market”
- June 2015: UC San Diego Environmental Economics Group seminar
“Social Image in the Residential Solar Market: Evidence from a Discrete Choice Experiment”
 AERE Summer Conference in San Diego, CA
“Incentives and Additionality in Energy Efficiency Subsidies”
“Overlapping Environmental and Financial Regulations: the Role of Corporate Governance” (presented by coauthor Klaas van 't Veld)
- Jan. 2015: ASSA Annual Meeting, Boston, MA
“Overlapping Environmental and Financial Regulations: the Role of Corporate Governance”
- Sept 2014: CU Boulder Environmental and Resource Economics Workshop
“Pigouvian Taxes with Time-Varying Salience”
- May 2014: Front Range Energy Camp, CU Boulder
“Corporate Governance and Emissions”
- Jan. 2014: ASSA Annual Meeting, Philadelphia, PA
“Pigouvian Taxes with Intermittent Billing and Habits”
- July 2013: University of Tennessee Workshop on Causal Identification in Environmental and Energy Economics
“Dynamic Salience and Intermittent Price Signals”
- June 2013: WEAI Annual Conference in Seattle, WA
“Organizational Apology and Compensation Demanded for Public Goods Damage”
“Evidence of Habit Formation in Residential Electricity Consumption”
- May 2013: North American Association of Fisheries Economists Forum, St. Pete Beach, FL
“Organizational Apology and Compensation Demanded for Public Goods Damage”
“Perceived Occupational Mobility Among Artisanal Fishers”
“Conspicuous Consumption of Charismatic Species”
 Front Range Energy Camp, CU Boulder
“The Four Horsemen of Household Electricity Demand: Insalient Prices, Habit Formation, Durable Goods, and Pollution”
- Nov. 2012: Colorado School of Mines, invited seminar
“Dynamic Salience and Intermittent Price Signals”
- June 2012: AERE Summer Conference in Asheville, NC and WEAI Annual Conference in San Francisco, CA
“Consumer Behavior with Intermittent Cost Signals: Evidence from Smart Meters”
- Sept 2010: CU Boulder Environmental and Resource Economics Workshop
“What can existing smart meter data reveal about energy efficiency opportunities?”
- July 2010: Biennial Conference, International Institute for Fisheries Economics and Trade (IIFET), Montpellier, France, July 2010
“Economic Efficiency and Sector Allocations in the New England Groundfish Fishery”
“Measuring Technological Change in Artisanal Fisheries: Evidence from Malaysia”
- Sept 2009: CU Boulder Environmental and Resource Economics Workshop
“Firm boundaries and environmental performance”
- June 2008: Workshop on Technical Change in Renewable Resources, Denmark
“Measuring Technological Change in Artisanal Fisheries: Evidence from Malaysia”
“Exogenous Productivity Shocks and Capital Investment in Common-pool Resources”

Environmental Economics Group Seminar, UCSD: Oct., May, Feb. 2010; Jan 2009; Nov., April 2007

GRANTS:

- NSF Convergence Accelerator. *Back on the F.E.E.T.: Towards Fair, Ethical, Efficient, and Trustworthy Crowdsourcing Platforms to Support Crowdworkers in Jobs of the Future*. Co-PI. Funded at \$999,950.
- Alfred P. Sloan Foundation. *Colorado Technology Primer for Economists and Social Scientists*. Co-PI. Funded at \$277,334.
- University of Wyoming Competitive Energy GA grant. *Incentives and Additionality in Energy Efficiency Subsidies*, funded.
- University of Wyoming Center for Energy Economics and Public Policy. *Aesthetic, Financial, and Behavioral Barriers to Net-Zero Energy and Solar Home Demand*. Funded at \$95,000.
- University of Wyoming College of Business Sustainable Business Practices Initiative. *Pollution Emissions and Corporate Governance*. Funded at \$2000.
- University of Wyoming Competitive Energy GA grant. *Corporate Governance, Environmental Compliance, and Investor Returns in the Energy Sector*, with Klaas van 't Veld, funded.

PROFESSIONAL ACTIVITIES & SERVICE:

Professional Memberships: AEA, AERE, IIFET, WEAI, UCSD Center for Environmental Economics, CMBC at SIO

Referee: Review of Economics & Statistics, American Economic Journal: Economic Policy, Journal of Environmental Economics and Management, Economic Inquiry, Energy Journal, Energy Economics, Environmental & Resource Economics, Energy Policy, Land Economics, Resources Conservation & Recycling, Environmental Science & Technology, Marine Resource Economics, Natural Resource Modeling, Energy Strategy Reviews, Rhode Island Sea Grant, Association of Environmental and Resource Economists Conference 2015 & 2016, Agricultural and Applied Economics Association Meetings 2014.

Participant: Ecotrust Panel on Community Impacts of Fisheries Catch Shares, May 2010

Research Advisory Panel: San Diego Gas & Electric Plug-in Electric Vehicle Study, 2009

Committee Member: IGERT Steering Committee for CMBC at SIO, 2008 – 2009

Colorado School of Mines Service:

Division of Economics & Business Seminar Series Organizer 2018-2020

Campus Building Advisory Committee

University of Wyoming Departmental Service:

Economics & Finance Department Seminar Series Organizer 2012-2015, 2016-2017

Economics Undergraduate Program Review Committee 2016-2017

Economics Ph.D. Program Review Committee 2015-2016

Graduate Student Research Group Faculty Advisor 2012-2014

Graduate Student Admissions Committee 2013

Econometrics Comprehensive Ph.D. Exam Committee: 2013-present

Microeconomics Comprehensive Ph.D. Exam Committee: 2012

GRADUATE SUPERVISION

Colorado School of Mines

- Economics Ph.D. Chair: Ensieh Shojaeddini (2019 – U.S. EPA), Steve Dahlke (2019 – U.S. DOE and FirstSolar), Jusse Hirwa (exp. 2022).
- Economics Ph.D. Committees: Haeyeon Kim (2019 – U.S. Geological Survey), Tsisilile Igogo (2019 – National Renewable Energy Laboratory), Jon Becker (exp. 2020).

University of Wyoming

- Economics Ph.D. Co-chair: Gavin Roberts (2017 – Weber State University)
- Economics Ph.D. Committees: Brittany Tarufelli (2019 – Louisiana State University), Rik Chakraborti (2017 – Christopher Newport University), Chenyang Xu (2016 – Drew University), Yasha Feferholtz (2016 – EcoHealth Alliance), Greg Torrell (2016 – Texas A&M University, El Paso), Shaikh Eskander (2015 – Kingston University London), Jacob Hochard (2015 – East Carolina University), Anteneh Tesfaw (2014 – Conservation International)
- M.S. Econ Committees: Gabrielle Horvath (chair, 2015), Tyler Kjorstad (2014), Tom Creighton (2014)
- M.S. Civil & Architectural Engineering Committees: Matthew Schneider (2016), Todd Anderson (2016)
- M.S. Psychology Committees: Adam Ripley (2016)

University of California, San Diego

- Masters of Advanced Studies in Marine Conservation Committees
Megan Bettilyon (2010), Anne Grant (2008).

HONORS AND AWARDS

2019	Mineral and Energy Economics Excellence in Teaching Award, Colorado School of Mines Economics & Business Division
2018	Mineral and Energy Economics Excellence in Teaching Award, Colorado School of Mines Economics & Business Division
2017	Faculty Service Award: UW College of Business
2016	Tom & Judy Crocker Junior Faculty Research Award for “Pigouvian taxes with time-varying salience,” with Joshua Graff Zivin Junior Faculty Teaching Award: UW College of Business
2015	Tom & Judy Crocker Junior Faculty Research Award for “Overlapping Environmental and Financial Regulations: The Role of Corporate Governance,” with Sridhar Gogineni, Klaas van ‘t Veld & Chenyang Xu. Best Practitioner Paper Award, American Real Estate Society (ARES) conference for “On the relation of local amenities and house price dynamics,” with Eli Beracha, Tyler Kjorstad, and Kiplan Womack
2014	(Nominated) UW College of Business Junior Faculty Research Award
2013	(Nominated) UW College of Business Junior Faculty Teaching Award
2010	Clive Granger Research Prize, UCSD Environmental Economics Group
2002	2nd Place, Enterprise Reporting, Oregon Newspaper Publishers Awards (ONPA)
2001	1st Place, Northwest Society of Professional Journalists; 3rd Place, ONPA