

Anastasia Shcherbakova

Texas A&M University
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Employment

Texas A & M University

Assistant Professor, Department of Agricultural Economics (2017-present)
Research Fellow, Mosbacher Institute for Trade, Economics, and Public Policy, Bush School of Government and Public Service, Texas A&M University (2019-2023)
Faculty affiliate, Texas A&M University School of Law (2019-2024)
Faculty affiliate, Texas A&M Energy Institute (2017-present)

University of Texas at Dallas

Clinical Assistant Professor, Naveen Jindal School of Management (2013-2017)
Founding Director of the M.S. Energy Management program

Pennsylvania State University

Assistant Professor of Energy Economics, Risk, and Policy, Leone Family Department of Energy and Mineral Engineering (2010-2013)

Areas of specialization

Applied resource, environmental, and energy economics, regulation, political economy, non-market strategy

Education

2010 PhD, University of Chicago, Harris School of Public Policy
2005 BA, Knox College, Economics

Research

PEER REVIEWED JOURNAL ARTICLES

- Kurucak, A. and Shcherbakova, A., "Estimating the Hedging Value of an Energy Exchange in Turkey to a Retail Power Consumer." *Energy*, Vol. 101, pp. 16-26, 2016.
- Shcherbakova, A., Kleit, A., Dhanurendra, B. "Exploring shipping inefficiencies in global LNG trade patterns." *Journal of Energy Markets*, Vol. 8(2), pp. 67-86, 2015.
- Lei, Z., Shcherbakova, A., "Revealing climate change opinions through investment behavior: evidence from Fukushima." *Journal of Environmental Economics and Management*, Vol. 70, pp.92-108, 2015.

- Shcherbakova, A., Kleit, A., Cho, J., “The Value of Storage in South Korea’s Energy Market: A Hotelling Approach” *Applied Energy*, Vol. 125, pp. 93-102, 2014. doi: 10.1016/j.apenergy.2014.03.046
- Shcherbakova, A., Kleit, A., Blumsack, S., Cho, J. and Lee, W., “Effect of increased wind penetration on system prices in Korea’s electricity markets.” *Wind Energy*, Vol. 17(10), pp. 1469-1482, 2014. doi: 10.1002/we.1645
- Ren, M., Shcherbakova A., “Estimation of Environmental Effects of Photovoltaic Generation in North-west China.” *Frontiers in Energy*, Vol. 7(4), pp. 535-543, 2013. doi: 10.1007/s11708-013-0280-8
- Kleit, A., Shcherbakova, A., Chen, X., “Restructuring and the retail residential market for power in Pennsylvania.” *Energy Policy* 46, pp. 443-451, 2012.
- Kim, J., Shcherbakova, A., “Common failures of demand response.” *Energy* 36(2), pp. 873-880, 2011

OTHER PUBLICATIONS

- Shcherbakova, A. and Wakefield, H. “Lobbying in good times and in bad,” *The Takeaway* 12(4), May 2021. Mosbacher Institute, Bush School of Government and Public Service, Texas A&M University.
- Shcherbakova, A., “Financial Implications of Coal-to-Gas Fuel Switching,” *The Takeaway* 10(7), December 2019. Mosbacher Institute, Bush School of Government and Public Service, Texas A&M University.

SUBMITTED MANUSCRIPTS, WORKING PAPERS, AND WORK IN PROGRESS

- “Mining for favors: the impact of political influence on regulatory enforcement” under review
- “What fuels the volatility of electricity prices?” with Alessio Saretto and Jeremy Lin, under review
- “Leaving money on the table: regulatory costs and administrative contests,” with Thomas Coleman
- “Did *Citizens United* alter firms’ lobbying incentives?”
- “The Costs of Coase: evidence from hydraulic fracturing,” with Andrew Kleit

Conferences and seminar presentations

2021 Western University, Ivey Business School; University of Calgary, Department of Economics; University of Texas at Arlington, Department of Economics

2020 Rice University Workshop on Economic and Environmental Effects of Oil and Gas; Eleventh Annual Texas A&M University Energy Law Symposium; Texas A&M University’s President’s Excellence Fund Symposium

2019 Strategic Management Society Annual Conference; APPAM Fall Research Conference; University of Chicago EPIC seminar; Chicago Harris Center for Economic Policy seminar; Fourth Annual Research Roundtable on Energy Regulation, Technology, and Transaction Costs: Cross-Cutting Perspectives, Northwestern University School of Law

2018 TAMU 29th Annual Health Economics Conference; TAMU Energy, Law, and Policy workshop; TCU Economics seminar; Empirical Methods in Energy Economics Workshop; CU Environmental and Resource Economics Workshop; Texas A&M Conference on Energy; USAEE North American conference; APPAM fall research conference

2017 Texas A&M Agricultural Economic seminar; Georgia Tech Public Policy seminar; Texas A&M Energy Institute Lecture Series; Texas Energy Council 2017 Symposium; AERE summer conference; AOM annual meeting; USAEE North American conference

2016 ASSA; IAEE International Conference; Rice University Center for Energy Studies; Advanced International Program in Oil and Gas Financial Management; APPAM Fall Research Conference

2015 Petroleum Engineers' Club of Dallas; IAEE International Conference; Fort Worth Association of Professional Landmen; UT Dallas Advanced International Program in Oil and Gas Financial Management

2014 Rice University, Economics Department; IAEE International Conference; UT Dallas Advanced International Program in Oil and Gas Financial Management; Women's Energy Network; UT Dallas Center for Energy Harvesting Materials and Systems (CEHMS)

2013 IAEE International Conference; Euro Working Group on Financial Modeling; Peking University Energy Economics seminar; Seoul National University

2012 UT Dallas EPPS Seminar; USAEE; Energy, Security and Stability Conference and Public Forum, Penn State University; Korea Institute of Energy Technology Evaluation and Planning Workshop; Seoul National University; IAEE International Conference; Renmin University of China

2011 Colorado University Environmental and Resource Economics Workshop; Eastern Conference: Advanced Workshop in Regulation and Competition; Energypath

Funded grants

Texas A&M Energy Institute: "Intraday Trading for Electricity Markets," \$50,000 (with Alfredo Garcia, Eric Moreno-Centeno, and Reid Stevens), **Co-PI**, with Reid Stevens, Alfredo Garcia, and Eric Moreno, 2018-2019

Texas A&M Triads for Transformation: "Socioeconomic impacts of local fracking booms: a comprehensive interdisciplinary perspective," \$30,000, **PI**, (with Steven Puller and Christian Brannstrom), 2019-2020

TXRDC Project Development Grant: "Legislators, regulators, and their impact on firm productivity," \$2,400, **PI**, December 2017-August 2018

Alfred P. Sloan Foundation: "PhD Day: increasing support of student participation in USAEE's annual North American conference," \$10,000, **PI**, November 2017-February 2018

KETEP through South Korea's Ministry of Knowledge Economy (MKE), "Portfolio Approach to Demand Response and Energy Storage in the Smart Grid," with Jinho Kim, \$250,000, **PI**, Dec 2011-Nov 2013

U.S. Department of Energy, "Navy Yard Test Bed for Behavior and Building Performance at Bldg 661 and beyond," \$140,000, **Co-PI**, with Andrew Kleit and Seth Blumsack, Greater Philadelphia Innovation Cluster, Task 4 - Policy Markets & Behavior (DOE prime), Mar-Aug 2011

Teaching

Texas A&M, Department of Agricultural Economics and Energy Institute

Graduate:

- Fundamentals of resource & environmental economics
- Frontiers of resource & environmental economics
- Energy finance
- Policy, regulation, and non-market strategy

Undergraduate:

- Introduction to agricultural economics

UT Dallas, Naveen Jindal School of Management

Graduate:

- Financial management
- Energy economics
- Energy finance

Undergraduate:

- Energy finance

Penn State University, Leone Family Department of Energy and Mineral Engineering

Graduate:

- Applied welfare economics
- Theory and practice of policy analysis for engineers
- Graduate colloquium

Undergraduate:

- Introduction to energy and earth science economics
- Energy economics
- Strategic corporate finance for the earth, energy, and materials industries

University of Chicago, Harris School of Public Policy and Booth School of Business

Graduate:

- Statistical method for policy research I (TA for Prof. Colm O’Muircheartaigh)
- Statistical method for policy research II (TA for Prof. Don Coursey)
- Cost benefit analysis (TA for Prof. Paula Worthington)
- Economics and demographics of marketing (TA for Prof. Robert Fogel)
- A guide to business ethics (TA for Prof. Robert Fogel)
- Population and the economy (TA for Prof. Robert Fogel)

Service to the profession

Council member, Vice President of Finance, International Association for Energy Economics, 2020-2022
Council member, Vice President of Academic Affairs, US Association for Energy Economics, 2015-2017
Founding Director of MS Energy Management Program, Naveen Jindal School of Management, UT Dallas
Ad-hoc reviewer for *Journal of Environmental Economics and Management*, *Energy*, *Energy Economics*, *Energy Policy*, *Journal of Energy Engineering*, *Applied Economic Perspectives & Policy*, *The Energy Journal*
Professional organization membership: AEA, AERE, APPAM, USAEE/IAEE