Todd Gerarden

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Academic Appointments

Cornell University: Dyson School of Applied Economics and Management

Ruth and William Morgan Associate Professor	2026–
Ruth and William Morgan Assistant Professor	2024–2026
Assistant Professor	2018–2024
Susan Henry Sesquicentennial Faculty Fellow	2018–2023
Faculty Fellow, Atkinson Center for a Sustainable Future	2018–

London School of Economics and Political Science

Visiting Senior Fellow, STICERD	2026–2027

Education

Ph.D., Public Policy, Harvard University 2018

Committee: Joseph Aldy, Myrto Kalouptsidi, Ariel Pakes, Robert Stavins (chair)

B.S. with Highest Distinction, Mechanical Engineering, University of Virginia 2010

Working Papers

"Strategic Avoidance and the Welfare Impacts of U.S. Solar Panel Tariffs" with Bryan Bollinger, Kenneth Gillingham, & Daniel Yi Xu. NBER Working Paper 34401. Revisions requested, *American Economic Review*.

Publications

Gerarden, Todd D., Mar Reguant, and Daniel Yi Xu. 2026. "The Role of Industrial Policy in the Renewable Energy Sector." *NBER Environmental and Energy Policy and the Economy* 7: 97-148.

Dugoua, Eugenie and Todd D. Gerarden. 2025. "Induced Innovation, Inventors, and the Energy Transition." *American Economic Review: Insights* 7(1): 90-106.

Gerarden, Todd D. 2023. "Demanding Innovation: The Impact of Consumer Subsidies on Solar Panel Production Costs." *Management Science* 69(11): 7799-7820.

Aldy, Joseph E., Todd D. Gerarden, and Richard L. Sweeney. 2023. "Investment versus Output Subsidies: Implications of Alternative Incentives for Wind Energy." *Journal of the Association of Environmental and Resource Economists* 10(4): 981–1018.

Gerarden, Todd D. and Muxi Yang. 2023. "Using Targeting to Optimize Program Design: Evidence from an Energy Conservation Experiment." *Journal of the Association of Environmental and Resource Economists* 10(3): 687–716.

Gerarden, Todd D., W. Spencer Reeder, and James H. Stock. 2020. "Federal Coal Program Reform, the Clean Power Plan, and the Interaction of Upstream and Downstream Climate Policies." *American Economic Journal: Economic Policy* 12(1): 167–99.

Coglianese, John, Todd D. Gerarden, and James H. Stock. 2020. "The Effects of Fuel Prices, Environmental Regulations, and Other Factors on U.S. Coal Production, 2008–2016." *The Energy Journal* 41(1): 55–81.

Gerarden, Todd D., Richard G. Newell, and Robert N. Stavins. 2017. "Assessing the Energy-Efficiency Gap." *Journal of Economic Literature* 55(4): 1486–525.

Walls, Margaret, Todd Gerarden, Karen Palmer, and Xian Fang Bak. 2017. "Is Energy Efficiency Capitalized into Home Prices? Evidence from Three U.S. Cities." *Journal of Environmental Economics and Management* 82: 104–124.

Gerarden, Todd, Richard G. Newell, and Robert N. Stavins. 2015. "Deconstructing the Energy-Efficiency Gap: Conceptual Frameworks and Evidence." *American Economic Review: Papers & Proceedings* 105(5): 183–86.

Palmer, Karen, Margaret Walls, Hal Gordon, and Todd Gerarden. 2013. "Assessing the Energy-Efficiency Information Gap: Results from a Survey of Home Energy Auditors." *Energy Efficiency* 6(2): 271–92.

Muehlenbachs, Lucija, Mark A. Cohen, and Todd Gerarden. 2013. "The Impact of Water Depth on Safety and Environmental Performance in Offshore Oil and Gas Production." *Energy Policy* 55: 699–705.

Work in Progress

"How DOEs Government Funding Fuel Scientists?" with Eugenie Dugoua, Kyle Myers, & Jacquelyn Pless

"Industrial Policy and the Structure of Global Supply Chains: The Case of Solar Manufacturing"

Other Writing

Gerarden, Todd, Bryan Bollinger, Kenneth Gillingham, & Daniel Yi Xu. 2026. "Beyond Tariffs: A Better Approach to Green Industrial Policy." Voxeu.org, 30 January.

Fellowships and Grants

Washington Center for Equitable Growth Grant	2025
Cornell Dyson Curriculum Development and Innovation Fund Grant	2025
Cornell Center for Social Sciences Fellowship	2024
Cornell Atkinson 2030 Project Fast Grant	2023
Structural Transformation and Economic Growth Grant	2022
EDF-Cornell Atkinson Innovation for Impact Grant	2021
Cornell Center for Social Sciences Grant	2020
Joseph Crump Fellowship, Harvard Kennedy School	2016
U.S. Environmental Protection Agency STAR Fellowship	2014
Vicki Norberg-Bohm Fellowship, Harvard Kennedy School	2013
Harry S. Truman Scholarship	2009

Awards

Poets&Quants' 40-Under-40 Best Graduate Business Professors	2026
JAERE Excellence in Refereeing Award	2026
Cornell SC Johnson College Dean's Distinguished Award for Early Career Impact	2024
Cornell Dyson Outstanding Early Career Achievement Award	2023
Cornell CALS Early Career Faculty Teaching Award	2022
Ana Aguado Prize, Harvard Environmental Economics Program	2018

Seminar and Conference Presentations (including scheduled)

2026: ASSA Annual Meeting (presenter, discussant x 2), Clark University Workshop on Climate and Trade, RFF Workshop on Evaluating IRA and IIJA Clean Energy Policies (discussant), 2nd International Alpine Workshop on Energy Economics and Policy, London School of Economics, University of Mannheim

2025: ASSA Annual Meeting (presenter, discussant), NBER Energy Markets Decarbonization and Trade Conference, University of Michigan, NBER Environmental and Energy Policy and the Economy Conference, UC Berkeley Energy Camp, NBER Summer Institute EEE, Federal Reserve Bank of Dallas, SWEEEP @ Georgia Tech, Toulouse School of Economics

2024: ASSA Annual Meeting, Cornell University, Michigan State, Harvard University, Indiana University, AERE Summer Conference, Yale Cowles Summer Conference, BSE Summer Forum, LSE/Imperial Workshop in Environmental Economics, Expert Dialog on Subsidy Reform NBER Distributional Consequences of New Energy Policies Conference, LSE Environment Week, Harvard HEEP Workshop (panelist)

2023: ASSA Annual Meeting, Empirical Methods in Energy Economics, Arizona State University, HBS Junior Innovation Economics Conference, Northeast Workshop on Energy and Environmental Economics (discussant), Heartland Environmental and Resource Economics Workshop, Cornell University, UT Austin

2022: ASSA Annual Meeting (presenter, discussant), Oxford, IIOC, USITC, AERE Summer Conference, Northeast Workshop on Energy and Environmental Economics (presenter, discussant), NBER Distributional Consequences of New Energy Technologies Conference (discussant)

2021: ASSA Annual Meeting (session organizer), Northeast Environmental Virtual Seminar (Columbia-Cornell-MIT-Stanford), Berkeley-Harvard-Yale EEE Seminar, UW-Madison AAE, AERE Summer Conference, Northeast Workshop on Energy and Environmental Economics, LSE Workshop in Environmental Economics, EAERE Annual Conference

2020: ASSA Annual Meeting (discussant), NBER Economics of Innovation in the Energy Sector Conference, TREE Seminar (Duke-NCSU-RTI), Duke Energy Data Analytics Symposium

2019: ASSA Annual Meeting, SUNY Albany, University of Pittsburgh, Northeast Workshop on Energy and Environmental Economics (discussant), Empirical Methods in Energy Economics, University of Ottawa CEIP Workshop, CU Environmental & Resource Economics Workshop, Harvard HEEP Workshop (discussant)

2018: London School of Economics, Federal Reserve Bank of Dallas, University of Toronto, Cornell, Georgia State University, UC Davis, University of Maryland, Resources for the Future, IIOC (presenter and discussant), Northeast Workshop on Energy and Environmental Economics, SITE, NBER Summer Institute EEE (presenter and discussant), University of Pennsylvania

2017: ASSA Annual Meeting, Northeast Workshop on Energy and Environmental Economics

2016: NBER EEE Program Meeting, AERE Summer Conference, Camp Resources Workshop

2015: Northeast Workshop on Energy and Environmental Economics, AERE Summer Conference, EAERE-FEEM-VIU Summer School

Professional Service

JAERE Editorial Council 2024–2027

AERE@ASSA Program Committee 2023–2025

Referee: *American Economic Journal: Applied Economics*, *American Economic Journal: Economic Policy*, *American Economic Journal: Microeconomics*, *American Economic Review*, *American Economic Review: Insights*, *American Journal of Agricultural Economics*, *Ecological Economics*, *Economica*, *Economic Inquiry*, *Economic Journal*, *Energy Economics*, *The Energy Journal*, *Energy Policy*, *Environmental and Resource Economics*, *International Journal of Industrial Organization*, *Journal of the Association of Environmental and Resource Economists*, *Journal of Development Economics*, *Journal of Economic Behavior and Organization*, *Journal of Environmental Economics and Management*, *Journal of the European Economic Association*, *Journal of Industrial Economics*, *Journal of Political Economy*, *Journal of Political Economy Microeconomics*, *Journal of Public Economics*, *Journal of Urban Economics*, *Management Science*, *Proceedings of the National Academy of Sciences*, *Real Estate Economics*, *Review of Economics and Statistics*, *Review of Economic Studies*, *Review of Environmental Economics and Policy*, *Science*

Ad-hoc reviewer: Alfred P. Sloan Foundation, European Research Council, Social Sciences and Humanities Research Council of Canada

Conference reviewer: *AERE (2019–2024)*, *EAERE (2021–2025)*, *EMEE (2020, 2024, 2025, 2026)*, *WCERE (2026)*