

PROMOTION RECOMMENDATION
The University of Michigan
Gerald R. Ford School of Public Policy

Catherine Hausman, assistant professor of public policy, Gerald R. Ford School of Public Policy, is recommended for promotion to associate professor of public policy, with tenure, Gerald R. Ford School of Public Policy.

Academic Degrees:

Ph.D.	2013	University of California, Berkeley, Agricultural and Resource Economics
B.A.	2004	University of Minnesota

Professional Record:

2015-Present	Faculty Research Fellow, National Bureau of Economic Research
2013-Present	Assistant Professor of Public Policy, Gerald R. Ford School of Public Policy Faculty Affiliate, Graham Sustainability Institute Faculty Affiliate, UM Energy Institute
2010-2013	Graduate Research Assistant, University of California Energy Institute
2010	Short-Term Consultant, World Bank Group
2008-2009	Graduate Research Assistant, Energy Biosciences Institute

Summary of Evaluation

Teaching: Professor Hausman has taught three different courses at the Ford School since fall 2014. These have included three offerings of an MPP-required course (529, Statistics), two offerings of a BA-required course (495, Policy Seminar), and four offerings of an MPP elective that allows some involvement of undergraduates (475/564, Government Regulation of Industry and the Environment). Professor Hausman is deeply committed to developing each of these courses in ways that are appropriate and meaningful for her very diverse audiences.

Research: Professor Hausman is an energy and environmental economist who focuses on important public policy problems. Her research combines deep institutional knowledge about energy markets and related environmental impacts with intuitive price-theoretic models, and careful empirical work using the appropriate statistical methods and her range extends from simple descriptive analyses to cutting-edge techniques. Professor Hausman has shown an ability to translate her understanding of complex institutional, economic, and environmental forces into language that resonates with policymakers, and she has quickly established herself an important early-career figure in policy debates about energy and environmental matters.

Professor Hausman conducts research in three key and interrelated areas of the energy sector. The jumping off point for much of her work is the recognition that energy markets have undergone massive changes due to technological and other developments, including new sources for oil and gas, changes in how electricity is generated, and the use of biofuels. Some of her best-known work examines what these changes mean for the well-being of the population and the environment, and the role of policy in ameliorating the negative consequences.

Recent and Significant Publications:

- Hausman, C. "Shock Value: Bill Smoothing and Energy Price Pass-Through." Accepted, *Journal of Industrial Economics*.
- Hausman, C. and L. Muehlenbachs. 2019. "Price Regulation and Environmental Externalities: Evidence from Methane Leaks." *Journal of the Association of Environmental and Resource Economists*. 6(1): 73-109.
- Hausman, C. and D. Rapson. 2018. "Regression Discontinuity in Time: Considerations for Empirical Applications." *Annual Review of Resource Economics*. 10: 533-552.
- Affhammer, M. and P. Baylis and C. Hausman. 2017. "Climate Change is Projected to Have Severe Impact on the Frequency and Intensity of Peak Electricity Demand across the United States." *Proceedings of the National Academy of Sciences*, 114(8): 1886-1891.
- Davis, L. and C. Hausman. 2016. "Market Impacts of a Nuclear Power Plant Closure." *American Economic Journal: Applied Economics*, 8(2): 92-122.
- Hausman, C. and R. Kellogg. 2015. "Welfare and Distributional Implications of Shale Gas." *Brookings Papers on Economic Activity*, Spring: 71-125.
- Hausman, C. 2014. "Corporate Incentives and Nuclear Safety." *American Economic Journal: Economic Policy*, 6(3): 178-206.

Service: Professor Hausman has taken her duties of service to the Ford School, the University of Michigan and the broader scholarly community seriously and in ways highly appropriate for a junior faculty member. At the Ford School, this has included participation in faculty search committees as well as assignments with the Master's Program Committee and the Research and Policy Engagement Committee. Beyond these formal assignments, Professor Hausman has also been extremely successful at building bridges between the Ford School and other units on campus with an energy and environmental focus. She has also performed substantial service to the broader profession, serving as a referee for many of the leading economics journals, but also an array of energy and environmental journals, including general interest science journals, and top journals from around the world.

External Reviewers:

Reviewer A: "Her research papers are highly policy-relevant. Many of them are motivated by policy questions or perform policy evaluations. Many of them provide measures of elasticities, costs, or other policy-relevant parameters. Some of them do both. In addition, Catie's work has had more direct impact and she has been invited more often to engage directly with policy makers or in policy-relevant forums than I think is typical for someone so early in her career."

Reviewer B: "In sum, Dr. Hausman's research has demonstrated excellence by making important and original contributions to our understanding of the natural gas industry and its effects on the American economy, the electricity industry, and climate change. Her research has already had an impact on energy and environmental economics and related fields. I expect the impact of her current research will grow over time and that her future research will build on this success."

Reviewer C: "I was very impressed with the attention she places on asking policy-relevant and original questions and answering them with the best and most comprehensive data and empirical

methodologies as possible. Many of her empirical analysis are very original and bring new sources of data to the energy & environmental economics research community.”

Reviewer D: “She is a great economist and is asking, and answering, important questions related to energy and the environment. She compares favorably to an extremely strong cohort working in environmental economics.”

Reviewer E: “In comparison with others in this group, Professor Hausman has more publications and more citations than most others. While she has yet to publish in a top general-interest journal, her work is well read and relevant both to environmental economists and to policy makers. I think that she will continue to publish well. I would be very glad to have her as a colleague at my institution and highly recommend that Catie be promoted to associate professor with tenure at the Ford School.”

Reviewer F: “Catie is a very productive member of the field of Energy Economics. Her contributions and insights are well-respected within the profession. Her standing in the field is reflected by her appointment as a Faculty Research Fellow of the Environment and Energy Economics (EEE) group at the National Bureau of Economic Research (NBER), the nation’s leading nonprofit economic research organization. Within the EEE group, only 2-3 junior faculty (selected from many strong candidates) are invited to join each year based on the strength of their research and the respect they command within the field.”

Reviewer G: “Catie is a recognized member of the environmental and energy economics community, and she is known especially for her expertise in the area of energy markets and regulation. My overall recommendation would be that you vote in favor of Catie’s tenure at Ford.”

Summary of Recommendation: Professor Hausman is an accomplished and policy-engaged energy and environmental economist. She is a committed teacher and a valued colleague. I am pleased to recommend Catherine Hausman for promotion to associate professor of public policy, with tenure, Gerald R. Ford School of Public Policy.



Michael S. Barr
Joan and Sanford Weill Dean of Public Policy
Gerald R. Ford School of Public Policy

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