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MEREDITH L. FOWLIE
University of California, Berkeley

APPOINTMENTS AND PROFESSIONAL AFFILIATIONS

2009- present Assistant Professor of Ag. and Resource Economics, University of California, Berkeley
2006- 2009 Assistant Professor of Economics and Public Policy, University of Michigan
2008- present Faculty Research Fellow (Environmental and Energy Economics), NBER
Fall 2008 Visiting researcher, University of California Energy Institute

EDUCATION

2006 Ph.D. Environmental and Resource Economics, UC Berkeley
2000 M.Sc. Environmental Economics, Cornell University
1997 B.Sc. International Agriculture and Development (Honors), Cornell University

RESEARCH

Refereed Publications

“What Do Emissions Markets Deliver and to Whom? Evidence from Southern California's NOx Trading Program,” (with Stephen P. Holland and Erin Mansur). *American Economic Review*. Forthcoming.

“Sacred Cars? Cost-Effective Regulation of Stationary and Non-stationary Pollution Sources,” with Christopher Knittel and Catherine Wolfram. *American Economic Journal: Economic Policy*. Forthcoming.

“Emissions Trading, Electricity Industry Restructuring, and Investment in Pollution Control.” *American Economic Review*, Volume 100, June 2010.

Incomplete Environmental Regulation, Imperfect Competition, and Emissions Leakage. 2009. *American Economic Journal: Economic Policy*. 1(2).

Demand Side Management and Energy Efficiency Revisited (with Maximilian Auffhammer and Carl Blumstein). 2008. *The Energy Journal*. 29(3)

Public goods and private interests: Understanding non-residential demand for green power. (with Edward Holt and Ryan Wiser). 2001. *Energy Policy* 29(13).

Book chapters and monographs

Updating the Allocation of Greenhouse Gas Emissions Permits in a Federal Cap-and-Trade Program, in Don Fullerton and Catherine Wolfram, ed. *The Design and Implementation of U.S. Climate Policy*, University of Chicago Press. Forthcoming.

The Environment and Competition in Electricity in the USA and the UK: The Impact of Restructuring on CO₂ Emissions. 1999. Oxford Institute for Energy Studies Monograph EV7.

Submitted manuscripts and working papers

Distributing Pollution Rights in Cap-and-Trade Programs: Are Outcomes Independent of Allocation? (with Jeffrey Perloff), *resubmitted to the Review of Economics and Statistics*.

Allocating Emissions Permits in Cap-and-trade Programs: Theory and Evidence

Designing markets for pollution when damages vary across sources : Evidence from the NOx Budget Program (with Nicholas Muller)

Product Design Response to Industrial Policy: Evaluating Fuel Economy Standards Using an Engineering Model of Endogenous Product Design (with Kate Whitefoot and Steven Skerlos).

Location, Location, Location? Investigating Spatial Variation in Marginal Benefits from Wind Generation (with Duncan Callaway)

Market-based Environmental Regulation and the Evolution of Market Structure (with Stephen Ryan and Mar Reguant)

Book Reviews

Review of “Lessons from Liberalised Electricity Markets”, OECD/IEA, *Journal of Economic Literature*. 2006. 44 (4), pp. 1072-1073.

Honors, Fellowships and Grants

2011-2012 Innovation Seed Fund in Energy and Climate Research: ““Reconcilable Differences? Examining the Gap between Engineering Projections and Ex-Post Realized Gains from Energy Efficiency Investments (with Catherine Wolfram)

Hellman Faculty Fund Award

2010-2012 Co-Principal Investigator, “Reducing Energy Consumption and Greenhouse Gas Emissions through Energy-Efficiency Retrofits: Evidence from Low-Income Households” (with Michael Greenstone and Catherine Wolfram), funded by the Alfred P. Sloan Foundation

2010-2012 Co-Principal Investigator, “Smart Grid and Dynamic Pricing: Large-Scale Demonstration Projects” (with Catherine Wolfram), funded by the Department of Energy

2010 Sloan Foundation Industry Studies Fellowship

2009-2011 NSF Grant SES-0922401 (with Stephen Ryan): “Market-based Environmental Regulation of Industry: An Empirical Approach”

2008 CLOSUP Policy Research Grant, University of Michigan

Rackham Faculty Research Grant; Rackham Summer Research Grant

2007 American Agricultural Economics Association Outstanding PhD Dissertation Award

University of California Competition Policy Center Dissertation Award

Michigan Memorial Phoenix Institute Energy Science, Technology and Policy Award (with Duncan Callaway, Greg Keoleian, Tom Lyon, Michael Moore, and Steven Skerlos).

Professional Affiliations

American Economics Association; Association of Environmental and Resource Economists.

Referee

American Economic Journal: Economic Policy, American Economic Review, American Journal of Agricultural Economics, B.E. Journals in Economic Analysis & Policy, Climate Policy, Ecological Applications, The Energy Journal, International Journal of Environmental Research and Public Health, Journal of Agricultural and Resource Economics, Journal of Applied Economics, Journal of Economic Literature, Journal of Environmental Economics and Management, Journal of Industrial Economics, Journal of Political Economy, Journal of Public Economics, Journal of Public Economic Theory, National Science Foundation, Operations Research, RAND Journal of Economics, Review of Economics and Statistics.

Invited Seminars and Conference Presentations

AAEA Meetings, AERE summer conferences, ASSA Meetings, APPAM conferences, Columbia University, Carnegie Mellon, Cornell University, Duke University, Eastern Michigan University, Environmental Defense, Harvard University, European Environment Agency, Industry Studies annual conferences, MIT CEEPR, MIT, McGill University, Michigan State University, Middlebury College, NBER EEE, NBER IO, NYU Stern, Resources for the Future, Stanford University, Texas A&M, Triangle Research Environmental Economics Seminar, University of Alberta, UC Berkeley, UC Davis, UC POWER Conference, University of British Columbia, UC San Diego, UC Santa Barbara, University of Guelph, University of Michigan, University of Tennessee, University of Minnesota, University of Southern California, University of Toronto, University of Wisconsin, Madison, US Environmental Protection Agency, Yale University.