

# Fiona Burlig

University of Chicago  
Dept. of Economics & Energy Policy Institute  
Saieh Hall for Economics #360  
5757 S. University Avenue  
Chicago, IL 60637

Phone: (650) 283-2931  
Email: [burlig@uchicago.edu](mailto:burlig@uchicago.edu)  
Web: [www.fionaburlig.com](http://www.fionaburlig.com)  
Google scholar: [Profile page](#)  
Twitter: [@fburlig](#)

## Academic appointments

Assistant Professor, Harris School of Public Policy, University of Chicago, *beginning 2018*

Postdoctoral Scholar, Department of Economics, University of Chicago, 2017 – 2018

## Affiliations

Energy Policy Institute, University of Chicago, 2017 –

Catalyst, Berkeley Initiative for Transparency in the Social Sciences, 2017 –

Faculty Affiliate, E2e Project, 2017 –

## Education

Ph.D., Agricultural and Resource Economics, University of California – Berkeley, 2017

M.S., Agricultural and Resource Economics, University of California – Berkeley, 2013

B.A., Economics, Political Science, and German, Williams College, 2012

*Highest honors in economics; Cum Laude*

## Research interests

Development Economics; Energy, Environmental, and Resource Economics; Applied Econometrics

## Publications

Burlig, Fiona. 2018. "Improving transparency in observational social science research: A pre-analysis plan approach," *Economics Letters* 168: 56–60.

## Working papers

Out of the Darkness and Into the Light? Development Effects of Rural Electrification (with Louis Preonas)

Revise and resubmit, *Journal of Political Economy*

Machine Learning from Schools about Energy Efficiency (with Christopher Knittel, David Rapson, Mar Reguant, and Catherine Wolfram)

Reap What Your Friends Sow: Social Networks and Technology Adoption (with Andrew Stevens)

Panel Data and Experimental Design (with Louis Preonas and Matt Woerman)

## Selected work in progress

Costs of misallocation in Indian electricity supply (with Akshaya Jha and Louis Preonas)

Energy efficiency in agriculture: Electricity use, water demand, and profits (with Louis Preonas and Matt Woerman)

## Other writing

“Cutting energy use is one way cash-strapped schools can save. But by how much?” (2017). *Forbes blog*.

“How Large are the Economic Benefits of Rural Electrification?” with Louis Preonas (2017). *ARE Update*, 20(3): 4–6. University of California Giannini Foundation of Agricultural Economics.

“On Sexism in Economics” with Emily Eisner and Aluma Dembo (2017). *Berkeley blog*.

## Experience

Graduate Student Researcher – Energy Institute at Haas, UC Berkeley, 2014 – 2017

Graduate Student Instructor – ARE 212: Multiple Equation Estimation, UC Berkeley, 2016

Graduate Student Instructor – IAS 106: Intermediate Micro Theory, UC Berkeley, 2014

Teaching Assistant – ECON 251: Price and Allocation Theory, Williams College, 2012

Teaching Assistant – ECON 255: Econometrics, Williams College, 2011

## Invited talks

2018, including scheduled: University of Illinois, Urbana Champaign, University of Pennsylvania – Wharton, Stockholm – IIES, University of Chicago – Energy and Climate Lunch, Columbia – SIPA, Kansas State – Ag Econ, ASSA Meetings

2017: UC Santa Barbara, University of Chicago – EPIC, Heartland, Williams College, Camp Resources, NBER Summer Institute – EEE, BITSS RT2, University of Chicago – Harris

2016 and earlier: BITSS Annual Meeting, NEUDC – MIT, UC Berkeley ERE Seminar, BITSS Summer Institute, PacDev, Occasional Workshop, Energy Camp, NEUDC – BU

## Grants and awards

Tata Centre for Development at UChicago, 2018

E2e Project / Alfred P. Sloan Foundation (with Louis Preonas and Matt Woerman), 2017

J-PAL North America Project Development Grant (with Louis Preonas and Matt Woerman), 2017

Weiss Family Program Fund for Research in Development Economics (with Louis Preonas), 2017

Giannini Foundation Minigrant (with Louis Preonas and Matt Woerman), 2017

National Science Foundation Graduate Research Fellowship, 2012 – 2017

BITSS SSMART Grant (with Louis Preonas and Matt Woerman), 2015

CEGA Levin Family Fellowship (with Louis Preonas and Manaswini Rao), 2015

DIL Explore Grant (with Louis Preonas), 2015

Sidney Hoos Award for Best Second Year Project in Econometrics, UC Berkeley, 2014

BRAC-CEGA Travel Grant (with Ceren Baysan), 2013

Jack Larned Class of 1942 Prize for Best Development Economics Senior Thesis, Williams College, 2012

## Service

Referee: *American Economic Review*, *Economic Development and Cultural Change*, *Economic Inquiry*, *The Energy Journal*, *Energy Policy*, *Journal of Development Economics*, *Journal of Political Economy*, *Journal of South Asian Development*, *Review of Economics and Statistics*, *Science*, *Science Advances*, Global Innovation Fund

Admissions committee (student member), UC Berkeley, 2015 – 2016

Faculty search committee (student member), UC Berkeley, 2014 – 2015

Women in Economics at Berkeley, Department Liaison, 2015 – 2017

## Miscellaneous

Computing: Stata, R, Matlab, ArcGIS, Python, L<sup>A</sup>T<sub>E</sub>X

Languages: English (native), Dutch (proficient), German (proficient)

Citizenship: USA, Netherlands, UK