

# CV: Edward A. Rubin

## Education

**(Ongoing)** Ph.D. candidate, Agricultural and Resource Economics, UC Berkeley, 2013–Present

M.S. Agricultural and Resource Economics, UC Berkeley, 2015

M.S. Statistics, University of Nebraska–Lincoln, 2013

M.S. Agricultural Economics, University of Nebraska–Lincoln, 2013

B.S. Mathematics, University of Nebraska–Lincoln, 2007

**Primary interests:** Environmental & Energy Economics, Applied Econometrics & Data Science, Inequality & Public Policy

**Secondary interests:** Health Economics, Development Economics, Criminal Justice

## Working Papers

**Natural gas elasticities and optimal cost recovery under heterogeneity: Evidence from 300 million natural gas bills in California**

Maximilian Auffhammer and Ed Rubin

**Do marijuana stores increase or reduce neighborhood crime? Evidence from Denver, Colorado**

Ed Rubin

## Research in Progress

**How salient are environmental risks? The short- and long-run effects of lead exposure in piped water**

Ed Rubin

**Is “Michelle” less productive than “Michael”? A field experiment on consumer-based gender discrimination**

Erin Kelley, Matthew Pecenco, and Ed Rubin

**Statistical Modeling and Hydrology in the High Plains Aquifer**

Ed Rubin, Richard Perrin, and Lilyan Fulginiti

## Teaching

### ARE 212: Econometrics - Multiple Equation Estimation

- University of California, Berkeley: Spring 2017
- Doctoral level: taught recitation section and built section website/notes

### STAT 380: Statistics and Applications

- University of Nebraska–Lincoln: Summer 2012, Fall 2012, Spring 2013
- Undergraduate level: sole instructor for the course

### STAT 218: Introduction to Statistics

- University of Nebraska–Lincoln: Spring 2011, Summer 2011, Fall 2011
- Undergraduate level: sole instructor for the course

## Honors, Awards, and Fellowships

Private Enterprise Development in Low-Income Countries (PEDL) Exploratory Research Grant, 2017–2018  
*with Erin Kelley and Matthew Pecenco*

Giannini Foundation Mini-Grant, 2017–2018  
*with Maximilian Auffhammer*

UC Berkeley ARE Summer Grant, 2016

GAANN Fellowship 2013–2015

## Presentations

**Natural gas elasticities and optimal cost recovery under heterogeneity: Evidence from 300 million natural gas bills in California**

Heartland Environmental and Resource Economics Workshop, September 2017

**Is “Michelle” less productive than “Michael”? A field experiment on consumer-based gender discrimination in the marketplace**

Berkeley Development Economics Lunch, September 2017

**Natural gas elasticities and optimal cost recovery under heterogeneity: Evidence from 300 million natural gas bills in California**

Camp Resources, August 2017

**Natural gas elasticities and optimal cost recovery under heterogeneity: Evidence from 300 million natural gas bills in California**

AAEA Annual Meeting, August 2017

**Do marijuana stores increase or reduce neighborhood crime? Evidence from Denver, Colorado**

UC Berkeley, Summer Research Seminar, July 2017

**Natural gas elasticities and optimal cost recovery under heterogeneity: Evidence from 300 million natural gas bills in California**

AERE Annual Summer Conference, June 2017

**Summertime, and pass-through is easier: Chasing down price elasticities for residential natural gas demand in 275 million bills**

22nd Annual POWER Conference on Energy Research and Policy, March 2017

**Natural gas elasticities, seasonal heterogeneity, and consumer behavior: Evidence from 300M+ bills**

UC Berkeley, Environmental and Resource Economics Seminar, November 2016

**(Mile-) High Quandaries: Evidence from Denver that Marijuana Legalization May Increase Drug Arrests**

UC Berkeley, Environmental and Resource Economics Seminar, April 2015

**Irrigation and Climatic Effects on Water Levels in the U.S. High Plains Aquifer Along the 41st Parallel in Nebraska (and Several Questions about Model Complexity)**

University of Nebraska–Lincoln, Statistics Departmental Seminar, March 2013

**Irrigation and Climatic Effects on Water Levels in the U.S. High Plains Aquifer**

International Conference of Agricultural Economists, poster, August 2012

## Academic Service

- Coordinated Environmental, Energy, and Resource Economics Seminar
- Organized biweekly (twice per week) departmental lunches
- Organized third-year research workshop
- Organized departmental coffee hour
- Mentored first-year graduate students

## Skills

### Computational

- **Computing:** R, Python, Stata, Julia, QGIS, MATLAB, Mathematica, SAS
- **Design:** LaTeX, Markdown, Adobe Suite Design Suite, Microsoft Suite

### Linguistic

- English (fluent)
- Spanish (conversational)

## References

Maximilian Auffhammer, UC Berkeley

W. Reed Walker, UC Berkeley

Solomon Hsiang, UC Berkeley

## Contact

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