

Karl Dunkle Werner

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Education

- 2015–Present ■ **Ph.D. Student**, studying energy and environmental economics
UC Berkeley, Agricultural and Resource Economics
- 2013 ■ Bachelor of Science, with Distinction
University of Michigan
Majors in **Economics** (highest honors) and **Interdisciplinary Physics**
Minor in **Complex Systems**
Honors economics thesis “**Driver Behavior and Fuel Efficiency**”

Awards

- 2016 ■ NSF **Graduate Research Fellowship Program** honorable mention
- 2014 ■ “Extraordinary” personnel evaluation at the Federal Reserve Board
- 2013 ■ Michigan **Ferrando Prize** in Economics
Given “to the best graduating honors student in economics.”
- 2013 ■ Michigan **Sims Prize** in Economics

Research Interests

- Energy and resource economics
 - Fuels, generation, sources and resources
 - Local and global pollution
 - Developed and developing countries
- Applied empirical analysis
- Policy evaluation and design

Teaching

- 2017 ■ Reader for Energy and Environmental Markets, *UC Berkeley, Haas*
- 2012–2013 ■ Peer instructor for Physics for the Life Sciences, *University of Michigan*

Work and Research Experience

- 6/2016– ■ Graduate-Student Researcher
UC Berkeley, Energy Institute at Haas
“Pigou Creates Losers,” with Jim Sallee
- 9/2015–5/2016 ■ Graduate-Student Researcher
UC Berkeley, Agricultural and Resource Economics
Crop yield and planting share, with Peter Berck
- 7/2013–6/2015 ■ Senior Research Assistant
Federal Reserve Board, Short-Term Funding Markets
Research on various debt instruments with staff economists Song Han, Gustavo Suarez and Yi Li
Training presentations in “Money Market Fund Structure and Board Analysis Infrastructure” and “Getting Started with SAS”
- 9/2012–4/2013 ■ Physics Peer Instructor
University of Michigan, Physics Department
Physics for the Life Sciences (electricity and magnetism)
- 6/2010–8/2010 ■ Research Assistant
Washington State University, Laboratory for Atmospheric Research
Development of a System to Measure Particle Number Flux (NSF REU)
- 9/2009–4/2010 ■ Undergraduate Researcher
University of Michigan, Physics Department
Physics for the Life Sciences lab content

Editing

- 2017 ■ Reviewer, *Energy Journal*
- 2016 ■ Reviewer, *European Economic Review*
- 2011–2013 ■ Editor, *University of Michigan Undergraduate Research Journal*

Volunteering

- 2015–2017 ■ Tax preparation volunteer
Community Tax Aid DC and United Way of the Bay Area
- 2014 ■ Coorganizer of research assistant journal club
Federal Reserve Board
- 2014 ■ SNAP program volunteer
DC Hunger Solutions