

Corey D. White

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Graduate Administrator:

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REFERENCES Olivier Deschênes (Chair) Maya Rossin-Slater Heather Royer
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EDUCATION **University of California, Santa Barbara**
Ph.D., Economics, Expected June 2017

Cornell University

M.S., Applied Economics & Management, January 2011

Thesis: "Using Vehicle-to-Grid Technology for Frequency Regulation and Peak-Load Reduction"

California State University, Chico

B.A., Environmental Economics, May 2009

RESEARCH **Working Papers**

"Measuring the Social Benefits of Influenza Vaccination"
Job Market Paper

Vaccination represents a canonical example of externalities in economics, yet there are few estimates of their magnitudes. I provide evidence on the social and externality benefits of influenza vaccination in two settings. First, using state-level vaccination rates interacted with exogenous variation in vaccine quality, I provide causal estimates of the effects of aggregate vaccination rates. Scaled nationally, I find that a one percentage point increase in the vaccination rate results in 985 fewer deaths and 7.5 million fewer work hours lost due to illness each year. The mortality effects are concentrated among individuals 75 and older, but 35-85% of the benefits are driven by the vaccination of people under 75, suggesting a considerable externality effect. Second, I exploit a setting in which vaccination is targeted at a group with high externality benefits: influenza vaccination mandates for health care workers. I estimate that these mandates lead to a 17% decrease in hospital admissions with an influenza diagnosis. For both the general population and health care workers, I calculate the monetary benefit per vaccination and find that these benefits are large in comparison to the costs of vaccine administration.

“The Dynamic Relationship Between Temperature and Morbidity”

Revise and Resubmit – Journal of the Association of Environmental and Resource Economists

This paper examines the relationship between temperature and hospital usage with a focus on the role of behavioral responses to weather. I use high-frequency data on the near universe of hospital and emergency department (ED) visits in California between 2005-2014 to estimate the effects of temperature on hospital usage patterns. Focusing on emergency department usage, I find that a day with mean temperature under 40°F leads to a 6.1% decrease in ED visits on the day of the event, but that total net ED visits increase by up to 17.0% above the daily mean in the weeks that follow. Additionally, I find that a day over 80°F is associated with a same-day increase in ED visits of 3.5%, and a total net increase of 5.1%. For both cold and hot temperatures, I argue that behavioral responses – rather than purely biological mechanisms – are responsible for many of the observed patterns. Importantly, I argue that behavioral responses to environmental conditions have the potential to be either protective (as is commonly assumed) or damaging to health.

“Can Paid Sick Leave Mandates Decrease Leave Taking?” with Jenna Stearns

Revise and Resubmit – Labour Economics

Since 2006, several cities and states have implemented paid sick leave mandates. We examine the effects of paid sick leave mandates in Washington, D.C. (2008) and Connecticut (2011) on leave-taking behavior. After these policies are implemented, there are significant decreases in the aggregate rate of illness-related leave taking, relative to control groups, for both those directly affected and those not directly affected by the policy. Our results suggest that such policies can provide large positive public health externalities by allowing sick workers to stay home rather than coming to work and spreading their illness to customers and coworkers.

In Progress

“Weather, Climate Change, and Mental Health” with Matthew Lang and Jamie Mullins

“The Impacts of Restricted Access to Abortion and Family Planning Services” with Stefanie Fischer

Publications

“Using Vehicle-to-Grid Technology for Frequency Regulation and Peak-Load Reduction” with K. Max Zhang. *Journal of Power Sources*, 2011.

ACADEMIC EXPERIENCE

Teaching Associate (Instructor)

Introduction to Econometrics, Spring 2016/Winter 2016/Spring 2015/Winter 2015 (UCSB)

Teaching Assistant

Intermediate Microeconomics, Fall 2016/Fall 2015 (UCSB)

Introduction to Econometrics, Winter 2013/Winter 2014/Fall 2014 (UCSB)

Natural Resource Economics, Spring 2013/Spring 2014 (UCSB)

Statistics for Economics, Fall 2013 (UCSB)

Introduction to Economics, Fall 2012 (UCSB)

International Trade and Finance, Spring 2010 (Cornell)

Senior Thesis Advisor

Samuel Anspach, Winter-Spring 2016 (UCSB)

Research Assistant

Heather Royer, Winter 2014 - Spring 2014 (UCSB)

Olivier Deschênes, Fall 2012 - Fall 2013 (UCSB)

Timothy Mount, Summer 2010 (Cornell)

Instructional Student Assistant

Principles of Macroeconomics, Fall 2007 - Spring 2009 (Chico)

Environmental Economics, Fall 2008 - Spring 2009 (Chico)

**CONFERENCES &
WORKSHOPS****Presentations**

Western Economic Association Annual Meetings (2016 - 3 Papers)

Association of Environmental and Resource Economists Summer Conference (2016)

Population Association of America Annual Meetings (2016)

All California Labor Economics Conference (2015 - Poster, 2016 - Poster)

Southern Economic Association Annual Meetings (2015)

Broom Center for Demography Seminar Series (2015)

UCSB Labor Lunch (2015, Spring 2016, Fall 2016)

UCSB Environmental Lunch (2013, 2014)

Discussant

Western Economic Association Annual Meetings (2016 - 3 Discussions)

Workshops

UC Center for Energy and Environmental Economics Summer School (2012, 2013)

REFEREEING

Journal of the Association of Environmental and Resource Economists

**HONORS AND
AWARDS**

UC Santa Barbara: Andron Fellowship (2011/2012); Outstanding Teaching Assistant (Spring 2013)

CSU Chico: Honors in Economics, Cum Laude, Environmental Economics Student of the Year

**PROFESSIONAL
EXPERIENCE**

Glass, Lewis & Co.

San Francisco, CA

Jan. 2011 - June 2011

Research Associate