

DUSTIN SWONDER

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EDUCATION

Harvard University	2015 - 2019
A.B. Applied Mathematics <i>magna cum laude</i>	GPA: 3.856

RESEARCH POSITIONS

Princeton Program in Public Economics	July 2019 -
<i>Pre-doctoral Research Fellow, Drs. Henrik Kleven, Ilyana Kuziemko, Owen Zidar</i>	<i>Princeton, NJ</i>

U.S. Department of the Treasury, Office of Economic Policy	June - August 2018
<i>Research Intern, Dr. Anne Hall, Dr. Nasir Khilji, Mr. Justin Muzinich</i>	<i>Washington, D.C.</i>

- *Projects:* Effects of job displacement on prescription opiate demand (primary); forecast oil prices, production, and consumption; history and politics of statutory debt limitation

The Brookings Institution, Metropolitan Policy Program	May - August 2017
<i>Research Intern, Mr. Mark Muro</i>	<i>Washington, D.C.</i>

- *Projects:* Manufacturing employment and political attitudes in the United States; geography of industrial robot use in the United States

Harvard University, Division of Social Science	January - June 2016
<i>Undergraduate Research Assistant, Dr. Matthew Desmond</i>	<i>Cambridge, MA</i>

- *Projects:* Collect original data on the frequency of evictions in United States cities, with goal of studying effects of eviction on future earnings, employment, and health

TEACHING POSITIONS

Harvard University, Department of Mathematics	Spring 2019
<i>Course Assistant, Math 112: Introductory Real Analysis</i>	<i>Cambridge, MA</i>

- *Responsibilities:* Held office hours, led review sessions, graded homework.

Harvard University, Department of Mathematics	Fall 2017, Fall 2018
<i>Course Assistant, Math 18: Multivariable Calculus for the Social Sciences</i>	<i>Cambridge, MA</i>

- *Responsibilities:* Held office hours, led review sessions, graded homework. Certificate of Distinction in Teaching (Derek Bok Center for Teaching and Learning).

OTHER EMPLOYMENT

The Crimson Summer Academy at Harvard University	June 2016 - May 2017
<i>Teaching Fellow and Residential Assistant</i>	<i>Cambridge, MA</i>

- *Responsibilities:* Co-teach daily writing class for gifted low-income high school students in a highly selective summer institute; supervise residential life; hold weekly after-school sessions during school year for students in cohort

Educando by WorldFund	January 2017
<i>Winter Communications and Development Intern</i>	<i>Mexico City, D.F.</i>

- *Responsibilities:* Develop creative briefs a communications plan (in Spanish); clean and organize fundraising databases

RESEARCH WRITING

Thesis project/working paper

- "Effects of Job Displacement on Prescription Opiate Demand: Evidence from the Medical Expenditure Panel Survey." Advised by Dr. David Cutler. March 2019.

Abstract: I use individual-level panel data from the Medical Expenditure Panel Survey to investigate whether job displacement affects the likelihood that prime-age workers in the United States begin using prescription opiates. My results indicate that being laid off has no effect on individuals' propensity to start using opiates, whereas displacement due to other causes decreases individuals' probability of beginning to use opiates by roughly twelve percent. I find no evidence that the effects of job displacement on opiate use differ by age, race, or pre-displacement occupation category, nor do I find any evidence that post-displacement health insurance status is an important determinant of the effect of job displacement on demand for prescription opiates. The results of this study suggest that increases in opiate use associated with county-level labor market shocks are unlikely to be driven by despair-induced increases in demand for drugs among affected workers, but rather place-specific determinants of opiate use correlated with poor labor market conditions.

For the general public; credited as a research assistant

- Muro, Mark, "Auto slowdown flashes caution lights for manufacturing employment – and Trump," *The Avenue* (blog), The Brookings Institution Metropolitan Policy Program. June 19, 2017.
- Muro, Mark, "What Patents Reveal About Who's Behind Clean-Technology Innovation," *The Experts* (blog), *The Wall Street Journal*, June 20, 2017.
- Muro, Mark, "Where the Robots Are," *The Avenue*, The Brookings Institution Metropolitan Policy Program. August 14, 2017.

INVITED PRESENTATIONS

2019:

U.S. Department of the Treasury Office of Economic Policy

Georgetown Walsh School of Foreign Service (Carroll Round International Economics Conference)

TECHNICAL SKILLS

Statistical programming

Stata (advanced), MATLAB (intermediate), Python (elementary)

Other programming/software

LaTeX, Microsoft Office suite, HTML, Javascript, C