

# MATTHEW GROSS

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## FIELDS AND RESEARCH INTERESTS

Fields: Urban Economics, Applied Microeconomics

Research Interests: Public Policy, Housing, Crime, Machine Learning

## EDUCATION

**Ph.D. Economics** 2021

University of Michigan

Dissertation Committee: Michael Mueller-Smith (chair), Charlie Brown,  
Sara Heller and Brian Jacob

Dissertation: The Long-Term Effects of Housing and Criminal  
Justice Policy: Evidence and Methods

**M.A. Economics** 2016

University of Michigan

**B.A. Economics** 2010

University of Michigan

## POSITIONS HELD

### **New York Mets**

Director of Data Science

March 2023 - March 2024

### **Twitter**

Senior Data Scientist

June 2022 - February 2023

Data Scientist II

March 2021 - June 2022

### **University of Michigan**

Graduate Research Assistant, Criminal Justice

2017 - 2020

Administrative Records System (CJARS)

Research Assistant, with Bob Schoeni and Fabian Pfeffer

2016-2018

Research Assistant, with Ryan Kellogg

Summer 2016

### **Federal Reserve Board of Governors**

Senior Research Assistant

2013-2014

Research Assistant

2011-2012

## **RESEARCH**

### **Peer Reviewed Publications**

- “The Impact of Criminal Financial Sanctions: A Multi-State Analysis of Survey and Administrative Data” with Keith Finlay, Carl Lieberman, Elizabeth Luh and Michael Mueller-Smith. Forthcoming at *American Economic Review: Insights*.
- “The Determinants of Subprime Mortgage Performance Following a Loan Modification” (2016) with Maximilian Schmeiser. *Journal of Real Estate Finance and Economics* 52 (1): 1-27.
- “Use of Financial Services by the Unbanked and Underbanked and the Potential for Mobile Financial Services Adoption” (2012) with Jeanne Hogarth and Maximilian Schmeiser. *Federal Reserve Bulletin* Vol. 98, No. 4.

### **Working Papers**

- “The Long-Term Impacts of Rent Control”
- “Modernizing Person-Level Entity Resolution with Biometrically Linked Records” with Michael Mueller-Smith.
- “The Demography of Rising Wealth Inequality” with Fabian Pfeffer and Bob Schoeni.

### **Government Reports**

- “Report on the Economic Well-Being of U.S. Households in 2013” (2014) with Maximilian Schmeiser, David Bucholz, Alexandra Brown, Jeff Larrimore, Ellen Merry, Barbara Robles, and Logan Thomas.
- “Consumers and Mobile Financial Services” with Alexandra Rock and Maximilian Schmeiser (2013).
- “Consumers and Mobile Financial Services” with Jeanne Hogarth and Maximilian Schmeiser (2012).

## **TEACHING EXPERIENCE**

**Graduate Student Instructor**

2015 – 2016

Principles of Microeconomics I (with Mitchell Dudley)	3 semesters
Economics of Education (with Adam Stevenson)	1 semester

## PRESENTATIONS

Southern Economic Association Annual Meeting (2020)  
 Health, History, Demography and Development Research Day poster session (2020)  
 University of Michigan labor lunch (Spring 2019, Fall 2019, Spring 2020, Fall 2020)  
 American Council of Consumer Interests Conference (2012)

## FELLOWSHIPS AND AWARDS

Rackham Graduate Student Research grant, University of Michigan, 2015.  
 Summer Research Award, Department of Economics, 2015 and 2016  
 SYLFF fellow, Department of Economics, 2014-2015

## LANGUAGES AND SOFTWARE

Proficient in Stata, Python, SQL, Git, ArcGIS, QGIS and LaTeX and experienced in R, Pyspark, Git and MATLAB.  
 English (native) and Spanish (proficient)

## OTHER

Special Sworn Status, U.S. Census Bureau, 2018-2022  
 U.S. Citizen

## REFERENCES

**Michael Mueller-Smith** (committee chair)  
 University of Michigan  
 Assistant Professor, Economics  
[mgms@umich.edu](mailto:mgms@umich.edu)  
 (734) 763-3437

**Sara Heller**  
 University of Michigan  
 Assistant Professor, Economics  
[sbheller@umich.edu](mailto:sbheller@umich.edu)  
 (734) 764-2355

**Charlie Brown**  
 University of Michigan  
 Professor, Economics  
[charlieb@umich.edu](mailto:charlieb@umich.edu)  
 (734) 763-3036

**Brian Jacob**  
 University of Michigan  
 Professor, Economics  
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