

# Joseph T. Ornstein

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## Positions

Postdoctoral Research Associate, Washington University in St. Louis, 2018–present.

Senior Research Assistant, The Brookings Institution, 2010–2013.

Researcher, New England Complex Systems Institute, 2009–2010.

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## Education

Ph.D. Political Science, University of Michigan, 2018.

Committee: Robert Franzese (chair), Jenna Bednar, Elisabeth Gerber, Scott Page

B.A. Mathematics & Social Sciences, Dartmouth College, 2009.

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## Publications

1. Ornstein, Joseph T., and Ross A. Hammond. 2017. “The Burglary Boost: A Note on Detecting Contagion Using the Knox Test.” *Journal of Quantitative Criminology* 33(1): 65-75.
  2. Ornstein, Joseph T., and Robert Z. Norman. 2014. “Frequency of Monotonicity Failure under Instant Runoff Voting: Estimates Based on a Spatial Model of Elections.” *Public Choice* 161(1-2): 1-9.
  3. Hammond, Ross A., and Joseph T. Ornstein. 2014. “A Model of Social Influence on Body Mass Index.” *Annals of the New York Academy of Sciences* 1331(1): 34-42.
  4. Hammond, Ross A. et al. 2012. “A Model of Food Reward Learning with Dynamic Reward Exposure.” *Frontiers in Computational Neuroscience* 6: 82.
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## Working Papers

1. “Machine Learning and Poststratification” (revise & resubmit)
  2. “Zone Defense: Why Liberal Cities Build Fewer Houses”
  3. “Municipal Election Timing and The Politics of Urban Growth”
  4. “Diverse Cities Spend More”
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## Conference Presentations

American Political Science Association (2017)  
Midwest Political Science Association (2016, 2017)  
Public Choice Society (2010, 2014)

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## Teaching Experience

### *Primary Instructor, University of Michigan*

POLSCI 369: The Political Economy of Cities (Summer 2017)  
Political Science Graduate Student Math Camp (Summer 2016)

### *Graduate Student Instructor, University of Michigan*

POLSCI 369: International Economic Relations (with Andrew Kerner)  
POLSCI 391: Introduction to Models (with Scott Page)  
ICPSR: Advanced Empirical Modeling for Theory Evaluation (with Robert Franzese)  
ICPSR: Spatial Econometrics Workshop (with Robert Franzese)  
POLSCI 140: Intro to Comparative Politics (with Robert Franzese)  
POLSCI 160: Intro to World Politics (with James Morrow)  
EPID 793: Complex Systems Modeling for Public Health Research (with Ross Hammond)

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## Awards and Grants

University of Michigan Library Data Grant (2017)  
Rackham Conference Travel Grant (2013, 2015, 2016, 2017)  
Dartmouth College Neukom Scholarship (2009)

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## Professional Service

**Reviewer:** *Public Choice, Political Science Research and Methods, Political Behavior, Pediatric Obesity*  
**Member:** *American Political Science Association*  
**Committees:** University of Michigan Comparative Politics Faculty Search (2017)

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## Miscellaneous

**Software Proficiencies:** Stata, R, Python, Java, NetLogo, LaTeX

**Erdős Number:** 3

Last updated: November 1, 2018

<https://joeornstein.github.io>