

# Jason Poulos

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## CONTACT

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## EDUCATION

### University of California, Berkeley

Ph.D., Political Science with a Designated Emphasis in Computational Science and Engineering, 2019

Dissertation: “Essays on the Political Economy of the American Frontier”

Committee: Sean Gailmard (Chair), Eric Schickler, Jasjeet Sekhon,  
Joshua Blumenstock (I School)

M.A., Political Science, 2014

### University of Massachusetts, Amherst

B.A., Economics, Phi Beta Kappa, 2008

### Massachusetts Institute of Technology

Special Graduate Student, 2011-2013

### Harvard University

Non-degree graduate coursework, 2010

## PROFESSIONAL APPOINTMENTS

### Statistical and Applied Mathematical Sciences Institute (SAMSI) and Duke University

Postdoctoral Associate, SAMSI Program on Causal Inference, Aug. 2019 - Present

Postdoctoral Associate, Department of Statistical Science, Aug 2019 - Present

Faculty Mentor: Professor Fan Li

## REFEREED ARTICLES

Jason Poulos (2019). “Land Lotteries, Long-term Wealth, and Political Selection.”  
*Public Choice*, 178(1): 217-230.

Jason Poulos and Rafael Valle (2018). “Missing Data Imputation for Supervised Learning.” *Applied Artificial Intelligence* 32(2): 186-196.

## PAPERS UNDER REVIEW

“State-Building through Public Land Disposal? An Application of Matrix Completion for Counterfactual Prediction.” **Resubmitted to *Journal of the Royal Statistical Society, Series A***. [arXiv:1903.08028](https://arxiv.org/abs/1903.08028).

“Estimating Population Average Treatment Effects from Experiments with Non-compliance” (with Kellie Ottoboni). **Revise and resubmit, *Journal of Causal Inference***. [arXiv:1901.02991](#)

“RNN-Based Counterfactual Prediction.” [arXiv:1712.03553](#).

“Character-Based Handwritten Text Transcription with Attention Networks” (with Rafael Valle). [arXiv:1712.04046](#).

NON-REFEREED  
ARTICLES

Jason Poulos (2007). “Indexing the Massachusetts Minimum Wage.” Special issue, *Policy Studies Journal* 35(3): 20-21.

GRANTS AND  
FELLOWSHIPS

Principal Investigator, NSF XSEDE Startup Allocation: “RNN-Based Counterfactual Time-Series Prediction” (SES180010), 2018-2019

Berkeley Empirical Legal Studies Graduate Fellowship, University of California, Berkeley, School of Law, 2016-2017

NSF Graduate Research Fellowship, 2013-2018

TEACHING &  
MENTORING  
EXPERIENCE

Graduate Student Instructor, Department of Political Science, University of California, Berkeley, 2017 - 2019

Introduction to American Politics (undergraduate) with Prof. Paul Pierson, spring 2017 and spring 2018

Introduction to Empirical Analysis & Quantitative Methods (undergraduate) with Prof. Andrew Little, fall 2018

Research Mentor, Undergraduate Research Apprentice Program (URAP), University of California, Berkeley, fall 2016 and spring 2017

OTHER  
PROFESSIONAL  
EXPERIENCE

Research Support Associate, Department of Political Science, Massachusetts Institute of Technology, 2011 - 2013

Research Assistant, Department of Economics, Harvard University, 2010 - 2011

Research Assistant, Harvard Kennedy School, Harvard University, 2009 - 2010

CONFERENCE  
PRESENTATIONS

American Political Science Association: 2014 (poster), 2015, 2018

Midwest Political Science Association: 2018