

# Jason Poulos

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EDUCATION	<b>University of California, Berkeley</b> Ph.D., Political Science with a Designated Emphasis in Computational Science and Engineering, 2019 M.A., Political Science, 2014  <b>Massachusetts Institute of Technology</b> Non-degree graduate coursework in Economics, 2011-2013  <b>Harvard University</b> Non-degree graduate coursework in Economics, 2010  <b>University of Massachusetts, Amherst</b> B.A., Economics, Phi Beta Kappa, 2008	
PROFESSIONAL APPOINTMENTS	<b>Duke University and SAMSI</b> , Durham, NC Postdoctoral Associate, Department of Statistical Science, August 2019 – Faculty Mentor: Prof. Fan Li	
REFEREED ARTICLES	Jason Poulos (2019). “Land Lotteries, Long-term Wealth, and Political Selection.” <i>Public Choice</i> , 178(1): 217-230.  Jason Poulos and Rafael Valle (2018). “Missing Data Imputation for Supervised Learning.” <i>Applied Artificial Intelligence</i> 32(2): 186-196.	
PAPERS UNDER REVIEW	“RNN-Based Counterfactual Prediction, with an Application to Homestead Policy and Public Schooling.” <b>Invited to Revise &amp; Resubmit</b> , <i>Journal of the Royal Statistical Society, Series C</i> . <a href="https://arxiv.org/abs/1712.03553">arXiv:1712.03553</a> .  “Estimating Population Average Treatment Effects from Experiments with Non-compliance” (with Kellie Ottoboni). <b>Revised &amp; Resubmitted (second round)</b> , <i>Journal of Causal Inference</i> . <a href="https://arxiv.org/abs/1901.02991">arXiv:1901.02991</a> .  “State-Building through Public Land Disposal? An Application of Matrix Completion for Counterfactual Prediction.” <a href="https://arxiv.org/abs/1903.08028">arXiv:1903.08028</a> .	

“Character-Based Handwritten Text Transcription with Attention Networks”  
(with Rafael Valle). [arXiv:1712.04046](https://arxiv.org/abs/1712.04046).

GRANTS AND  
FELLOWSHIPS

PI, **National Science Foundation** 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  
**National Science Foundation** Graduate Research Fellowship, 2013-2018

TEACHING  
INTERESTS

Applied Machine Learning; Causal Inference; Empirical Political Economy

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 (paper), 2018 (paper; discussant)  
**Midwest Political Science Association** 2018 (paper)

SERVICE

Reviewer: *Economics & Politics*; “Machine Learning and the Physical Sciences” workshop at *NeurIPS 2019*; *Statistics and Public Policy*