Jason Anastasopoulos

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INTERESTS Comparative Political Institutions, Public Administration, Causal Inference, Machine Learning.

EDUCATION **University of California, Berkeley**, Ph.D, Political Science, 2014

National Science Foundation IGERT Fellow.
Thesis: *Essays on the politics of diversity in modern America: a causal inference approach.*

Harvard University, AM, Statistics, 2005.

Cornell University, B.S., Industrial and Labor Relations, 2003

ACADEMIC EMPLOYMENT

University of Georgia, Athens, GA
Assistant Professor, Public Admin. & Policy, Political Science
Institute for Artificial Intelligence   2016 – Present

Harvard University, Cambridge, MA
Lecturer, *Big Data and Machine Learning in Public Policy*   Summer 2019

Emory University, Atlanta, GA
Institute for Quantitative Theory and Methods (IQTM)
Visiting Faculty Fellow (Awarded)   Summer 2020

Princeton University, Princeton, NJ
Microsoft Visiting Professor of Information Technology Policy   2017 – 2018

University of California, Berkeley, Berkeley, CA
Data Science Fellow, School of Information   2015–2016

Harvard University, Cambridge, MA
Democracy Fellow, Kennedy School of Government   2013–2015

HONORS AND AWARDS

US 2050 Initiative Grant. *Peter G. Peterson Foundation and Ford Foundation.* "American Job Openings in the 21st Century." (*Co P.I. with George Borjas, Michael Lachanski and Gavin Cook*) ($60,000).   2018–2019

University of Georgia Seed Grans
- "Do algorithms perpetuate racial and ethnic biases? Evidence from images of political leaders." (*Co P.I. with Micah Gell-Redman*)   2018–2019
- "Challenges in Governing Artificial Intelligence Technologies." (*Co P.I. with Andy Whitford*) ($4,000)   2018–2019

NVIDIA Graphical Processing Unit (GPU) Grant - Titan X GPU Award. (*Co P.I. with Jason Poulos and Rafel Valle*)   2017

Owens Institute for Behavioral Research Seed Grant, University of Georgia. (*Co P.I. with Tima Moldogaziev and Tyler Scott.*)   2016–2017

U.C. Berkeley School of Law: Berkeley Empirical Legal Studies Fellowship,($5,000).

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2011–2012

National Science Foundation (NSF) Integrative Graduate Education and Research Training (IGERT) Fellowship, ($35,000)   2011–2012

BOOK

[1] **Jason Anastasopoulos**. *Causal Inference and Counterfactuals with Learning Algorithms.* Under contract with *Cambridge University Press*.

PEER REVIEWED PUBLICATIONS

[6] 2019. Reagan Mozer, Luke Miratrix, Aaron Kaufmann and **Jason Anastasopoulos**. "Matching with Text Data: An Experimental Evaluation of Methods for Matching Documents and of Measuring Match Quality." Forthcoming. *Political Analysis*.

[5] 2019. **Jason Anastasopoulos** and Jake Williams. "A scalable machine learning approach for measuring violent and peaceful forms of political protest participation with social media data." PLoS ONE 14(3): e0212834. https://doi.org/10.1371/journal.pone.0212834.

[4] 2018. **Jason Anastasopoulos** and Andy Whitford. "Machine Learning for Public Administration Research,with Application to Organizational Reputation."
Journal of Public Administration Research and Theory.

[3] 2017. **Jason Anastasopoulos**. "Migration, Immigration, and the Political Geography of American Cities." *American Politics Research*.

[2] 2016. **Jason Anastasopoulos** "Estimating the gender penalty in House of Representative elections using a regression discontinuity design". *Electoral Studies* 43: Pages 150-157.

[1] 2013. Phil Tetlock, Gregory Mitchell and **Jason Anastasopoulos**. "Detecting and Punishing Unconscious Bias." *Journal of Legal Studies* 42(1): 83-110.

REVISE AND RESUBMIT

[2] 2019. **Jason Anastasopoulos** and Anthony Bertelli. "Understanding Delegation through Machine Learning: A method and application to the EU."
Resubmitted to the *American Political Science Review*.

[1] 2019. **Jason Anastasopoulos**, Tima Moldogaziev and Tyler Scott. "Organizational Context and Budget Orientations". Revising for *International Public Management Journal*.

OTHER PUBLICATIONS

[3] 2018. **Jason Anastasopoulos**, George Borjas, Gavin Cook and Michael Lachanski. "(Machine) Learning About Immigration's Impact in Local Labor Markets With Classified Ad Text" Forthcoming in *US 2050 Conference Proceedings*.

[2] 2018. **Jason Anastasopoulos**, George Borjas, Gavin Cook and Michael Lachanski. "Job Vacancies and Immigration: Evidence from Pre- and Post-Mariel Miami." *National Bureau of Economic Research (NBER) Working Paper*: http://www.nber.org/papers/w24580.

[1] 2017. with Keith Poole and Jamie Monogan. "The 'Big Data' Revolution in Political Campaigning and Governance." *Oxford Bibliographies Online: Political Science*
http://www.oxfordbibliographies.com/view/document/obo-9780199756223/obo-9780199756223-0232.xml.

UNDER REVIEW

[1] 2019 Nan Xi, **Jason Anastasopoulos**, Di Ma, Marcus Liou, Zachary Steinert-Threlkeld, Jungseock Joo. "Decoding Political Ideology through Photographs." Under review at the *International Journal of Computer Vision*.

WORKS IN PROGRESS

[9] **Jason Anastasopoulos**. "Regularization Adjusted Local Average Treatment Effect Estimation for Regression Discontinuity Designs."

- Presentation at the Department of Statistics, University of Georgia. Athens, GA. 2018.
- Presentation (paper) at the *American Political Science Association (APSA)* Annual Conference, Boston, MA. 2018.

[8] **Jason Anastasopoulos**. "Bayesian lasso estimation of treatment effects in regression discontinuity designs."

- Presentation (paper) at the *Society for Political Methodology Annual Conference (POLMETH)*. Bringham Young University. Provo, UT, 2018.

[7] **Jason Anastasopoulos** and Justin Norris. "Bayesian inference for experimental data: constructing informative priors for treatment effect estimates."

- Presentation (poster) by Justin Norris at the *Society for Political Methodology Annual Conference (POLMETH)*. University of Wisconsin, Madison, WI 2017.

[6] **Jason Anastasopoulos**, Sarah Hunter and Keith Poole. "A Theorem Concerning Missing Data."

- Presentation (paper) at the *Midwest Political Science Association (MPSA)* Annual Meeting, 2019. Chicago, IL.
- Presentation (paper) at the *St. Louis Area Methods Meeting Meeting (SLAMM)*, 2019.
- Presentation (paper) at the *American Political Science Association (APSA) Annual Meeting*, 2019. Washington, DC.

[5] **Jason Anastasopoulos**, Anthony Madonna and Aaron Hitefield. "Measuring and Modeling Accomplishment in Congressional Legislation Networks From 1789–2014."

- Presentation (paper) at the *Midwest Political Science Association (MPSA)* Annual Meeting, 2019. Chicago, IL.

[4] with Dhruvil Badani, Crystal Lee, Shiry Ginosar & Jake Williams. "Political image analysis with deep neural networks".

- Presentation (paper) at the *Society for Political Methodology (POLMETH)* Annual Conference, Rice University, Houston, TX, 2016.
- Presentation (paper) at the *American Political Science Association (APSA)* Annual Conference, Philadelphia, PA 2016.

[3] **Jason Anastasopoulos**, Matt Baum, Adam Berinsky, Allison Chaney, Andy Guess, Justin de Benedictis-Kessner, Dean Knox and Teppei Yamamoto. "Algorithms of echo chambers: understanding the causes and consequences of political polarization on YouTube."

[2] **Jason Anastasopoulos** "Assessing the political consequences of diversity increasing migration: a formal model."

[1] **Anastasopoulos, L. Jason**, Tarek Masoud and Richard Zeckhauser. "Thou Shalt Kill? Measuring Political Violence in the Bible and the Quran."

- Presentation (paper) at the *American Political Science Association (APSA)* Annual Conference, Philadelphia, PA 2016.

TEACHING	[PADP 9200] Big Data in Public Administration and Policy or Machine Learning, Artificial Intelligence and the Administrative State. University of Georgia, Fall 2018. MPA/MPP
	[POLS 4150] Research Methods in Political Science. University of Georgia, Fall/Spring 2018–2019. Undergraduate.
	[WWS 586A] Machine Learning for Policy Analysis, Princeton University, Spring 2018, MPA/MPP.
	[POLS 8500] Applied Machine Learning, University of Georgia, Spring 2017, Political Science, (PhD/MA/MPP).
	[POLS 4150] Introduction to Quantitative Methods, University of Georgia, Spring 2017, Political Science, (Undergraduate).
	[PADP 7110] Research Methods in Public Administration, Fall 2016, Public Administration and Policy, (MPA).
	Survey Experiments Mini-Course, Harvard Kennedy School of Government, Spring 2013.
STUDENTS	Taylor Smith, Department of Statistics (MA), University of Georgia *(Chair)*.
	Mikhail Ivonchyk, Department of Public Administration and Policy, University of Georgia *(Committee Member)*.
	Roger Qiyuan Jin, Department of Public Administration and Policy, University of Georgia *(Committee Member)*.
	Filip Viskupic, Department of International Affairs, University of Georgia *(Committee Member)*.
SERVICE	**Organized panel**,"Behavioral Public Administration, Artificial Intelligence and Big Data Panel Proposal." UNC Chapel Hill. PMRC 2019.
	Chair and Discussant,"New Methods in Political Methodology Panel." Boston, MA, APSA 2018.
	Organized panel + Chair + Discussant,"Images as Data in Political Science." San Francisco, CA. APSA 2017.
	Core Faculty, Georgia Informatics Institute, University of Georgia.
	Affiliated Faculty, Institute for Artificial Intelligence, University of Georgia.
	Speakers Committee, Political Science Department, University of Georgia.
	Reviewer for *American Journal of Political Science, Journal of Politics, American Political Science Review, Journal of Public Policy, Political Research Quarterly, Journal of Pubilc Administration Research and Theory, Cambridge University Press.*.

American Political Science Association Annual Meeting (APSA). Washington DC. August/September 2019.

>**Presentations:**
>
>**Jason Anastasopoulos**, Jungseock Joo and Zachary C. Steinert-Threlkeld. "Ideological Scaling of Political Images with an Application to Congress."
>
>**Jason Anastasopoulos**, Sarah Hunter and Keith Poole. "A Theorem Concerning Missing Data."
>
>**Panel Chair:**
>
>"Exciting New Methods in Political Methodology."

Public Management Research Conference (PMRC). University of North Carolina, Chapel Hill. August/September 2019.

>Presentations:
>
>**Jason Anastasopoulos**. "Algorithms and bureaucratic decision-making: an experimental study of Georgia police officers."
>
>Megan LePere–Schloop, Samara Schekler, Brian Williams, **Jason Anastasopoulos**, Dan Silk. "Policing and Place: Preliminary Results from a Survey Experiment."
>
>**Created Panel:**
>
>"Behavioral Public Administration, Artificial Intelligence and Big Data Panel Proposal."

Public Management and Equity Mini-conference. American University. May 2019.

>**Jason Anastasopoulos** and Micah Gell–Redman. "Algorithmic equity and fairness in the administrative state: a decision-making perspective."

Midwest Political Science Association Annual Meeting (MPSA). April 2019.

>**Presentations:**
>
>**Jason Anastasopoulos**, Sarah Hunter and Keith Poole. "A Theorem Concerning Missing Data."
>
>**Jason Anastasopoulos**, Anthony Madonna and Aaron Hitefield. "Measuring and Modeling Accomplishment in Congressional Legislation Networks From 1789–2014."
>
>Megan LePere–Schloop, Samara Schekler, Brian Williams, **Jason Anastasopoulos**, Dan Silk. "Policing and Place: Preliminary Results from a Survey Experiment."

NASPAA Annual Meeting, 2018. Atlanta, GA. September 2018

>**Jason Anastasopoulos** "Machine Learning Algorithms and Public Service Education."

American Political Science Association (APSA) Annual Meeting, Boston MA, 2018.

>**Jason Anastasopoulos** "Regularization Adjusted Local Average Treatment Effects for Regression Discontinuity Designs."
>
>**Jason Anastasopoulos**, Jungseock Joo and Zachary C. Steinert-Threlkeld. "Ideological Scaling of Political Images."

Computational Social Science Pre-Conference, Northeastern University, Boston MA, 2018.

"Visible homestyles: political communication of trust through images."

Society for Political Methodology Annual Meeting (POLMETH, Paper Presentation), Provo, Utah, June, 2018.
Jason Anastasopoulos "Bayesian lasso estimation of treatment effects in regression discontinuity designs."

Georgetown University, McCourt School of Public Policy, Washington DC, May 2018.

Jason Anastasopoulos and Anthony Bertelli "Understanding Delegation Through Machine Learning."

Pew Research Center, Washington DC, March 2018.

"Visible homestyles: political communication of trust through images."

Yale School of Management, New Haven, CT, February 2018.

"Deep learning and deep trust: what machine learning can teach us about trust and persuasion in the digital age."

Harvard Kennedy School of Government, Cambridge,MA, February 2018.

"Understanding Delegation Through Machine Learning."

Princeton University, Quantitative Social Science, December 2017.

"Political image analysis with convolutional neural networks."

APSA Annual Meeting, 2017.
"Reassessing bureaucratic delegation" (Talk)
"Text and Image As Data" (Chair of full panel)"

Microsoft Innovation and Policy Center, Washington DC, April, 2017. Panel on applications of machine learning techniques for policy research.

New York University, Center for Data Science, December, 2016.
"Visible Partisanship: Convolutional Neural Networks and Deep Learning for Analyzing Political Images."

APSA Annual Meeting 2016.
"Measuring Violence in Religious Scriptures with Supervised Machine Learning."
"Identifying and predicting violent and non-violent collective action with scalable machine learning and a massive geocoded Twitter database."
'The Policy Effects of Unlimited Spending in State Referenda." September, 2016

Society for Political Methodology Annual Meeting, Rice University. "Visible Partisanship: Convolutional Neural Networks for Political Image Analysis." July, 2016.

Society for Political Methodology Annual Meeting, University of Rochester. "An Unbiased Measure of Media Bias Using Latent Topic Models." July, 2015.

Center for Applied Scientific Computing (CASC), Lawrence Livermore National Laboratory. "Polarization and Protests: Understanding Complex Social and Political Processes Using Spatial Data and Agent-Based Modeling Simulations." May, 2015.

Department of Political Science and Department of Computer Science, Northeastern University. "An Unbiased Measure of Media Bias Using Latent Topic Models." April, 2015.

Department of Political Science, University of Michigan. "Political Migration and Geographic Polarization." February, 2015.

Founder and Director of the Workshop on Immigration, Race and Ethnicity (WIRE) at the Harvard Kennedy School of Government.

Research Workshop on American Politics, Harvard University. "Big and Little Sorts: Diversity, Conservative Flight and Geographic Polarization." February, 2014.

Applied Statistics Workshop, Harvard University. "(When) Race Matters: How Undocumented Immigrant Race and Place Shape Immigration Policy Attitudes." December, 2013.

Society for Political Methodology Annual Meeting, University of Virginia. "Big and Little Sorts: Diversity, Conservative Flight and Geographic Polarization." July, 2013.

Midwest Political Science Association Annual Meeting. "Estimating the Causal Effect of Gender on Election Outcomes. A Regression Discontinuity Approach." April, 2013.

Society for Political Methodology Annual Meeting, University of North Carolina, Chapel Hill. ''Estimating the Causal Effect of Gender on Election Outcomes. A Regression Discontinuity Approach." July, 2012.

Midwest Political Science Association Annual Meeting. "Right to Grow? The Political Economy of Taft-Hartley and the Right-to-Work Laws, 1947-1954." April, 2009.

Society for Political Methodology Annual Meeting. Yale University. "Re-Assessing The Effect of Neighborhood Intergroup Inequality on Interethnic Affect." July, 2009.