

# Ryan T. Moore

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## Appointments

### *Current*

**Associate Professor.** Department of Government, American University, 2018-present.

**Associate Director.** Center for Data Science, American University, 2023-present.

**Fellow in Methods.** Office of Evaluation Sciences, US GSA, 2019-present.

**Senior Social Scientist.** The Lab @ DC, 2016-present.

### *Past*

**Visiting Scholar.** Institut Barcelona d'Estudis Internacionals, 2021-22.

**Assistant Professor.** American University, Department of Government, 2014-2018.

**Scholar in Health Policy Research.** University of California, Berkeley/UCSF, Robert Wood Johnson Foundation, 2010-2012.

**Assistant Professor.** Washington University in St. Louis, Department of Political Science, 2008-2014.

## Education

**PH.D., Government and Social Policy.** Harvard University, Cambridge, MA, June 2008.

**A.M., Statistics.** Harvard University, Cambridge, MA, June 2006.

**B.A., Political Science and Mathematics.** Yale University, New Haven, CT, May 1997.

## Publications

### Refereed Journal Articles

16. Wilson, Kevin H., Rebecca A. Johnson, Chrysanthi Hatzimasoura, Robert P. Holman, Ryan T. Moore, and David Yokum. "A Randomized Controlled Trial Evaluating the Effects of Nurse-Led Triage of 911 Calls". *Nature Human Behaviour*, 2024. *Forthcoming*.
15. Moore, Ryan T., Katherine N. Gan, Karissa Minnich, and David Yokum. "Anchor Management: A Field Experiment to Encourage Families to Meet Critical Programme Deadlines". *Journal of Public Policy*, 42(4):615–636, December 2022. [Paper](#) | [Supplement 1](#) | [Supplement 2](#) | [Dataverse](#) | [DOI](#)

14. Avila, Maria, Natnaell Mammo, Ryan T. Moore, and Sam Quinney. “Do Shallow Rental Subsidies Promote Housing Stability? Evidence on Costs and Effects from DC’s Shallow Flexible Rent Subsidy Program”. *Urban Affairs Review*, 59(5):1530–1566, 2023. [Paper](#) | [Blog post](#)
13. Moore, Ryan T. and Andrew Reeves. “Defining Racial and Ethnic Context with Geolocation Data”. *Political Science Research and Methods*, 8(4):780–794, October 2020. [Paper](#) | [Supplement](#) | [Dataverse](#)
12. Shenson, Douglas, Ryan T. Moore, William Benson, and Lynda A. Anderson. “Polling Places, Pharmacies, and Public Health: Vote & Vax 2012”. *American Journal of Public Health*, 105(6):e12–e15, June 2015. [Paper](#) | [JAMA Coverage](#)
11. Moore, Ryan T. “Overcoming Barriers to Heterogeneous-Group Learning in the Political Science Classroom”. *PS: Political Science & Politics*, 48(1):149–156, 2015. [Paper](#) | [Dataverse](#)
10. Moore, Ryan T. and Sally A. Moore. “Blocking for Sequential Political Experiments”. *Political Analysis*, 21(4):507–523, 2013. [Paper](#) | [Dataverse](#)
9. Moore, Ryan T., Eleanor Neff Powell, and Andrew Reeves. “Driving Support: Workers, PACs, and Congressional Support of the Auto Industry”. *Business and Politics*, 15(2):137–162, 2013. [Paper](#) | [Dataverse](#)
8. Moore, Ryan T. “Multivariate Continuous Blocking to Improve Political Science Experiments”. *Political Analysis*, 20(4):460–479, Autumn 2012. [Paper](#) | [Dataverse](#)
7. Moore, Ryan T. and Christopher T. Giovino. “The Distortion Gap: Policymaking Under Federalism and Interest Group Capture”. *Publius: The Journal of Federalism*, 42(2):189–210, Spring 2012. [Paper](#) | [Supplement](#)
6. Moore, Ryan T. and Nirmala Ravishankar. “Who Loses in Direct Democracy?”. *Social Science Research*, 41(3):646–656, May 2012. [Paper](#) | [Dataverse](#)
5. Moore, Ryan T. and Andrew Reeves. “The Job Market’s First Steps: Using Research Tools to Simplify the Process”. *PS: Political Science & Politics*, 44(2):385–391, April 2011. [Paper](#) | [Software](#)
4. King, Gary, Emmanuela Gakidou, Kosuke Imai, Jason Lakin, Ryan T. Moore, Clayton Nall, Nirmala Ravishankar, Manett Vargas, Martha María Téllez-Rojo, Juan Eugenio Hernández Ávila, Mauricio Hernández Ávila, and Héctor Hernández Llamas. “Public Policy for the Poor? A Randomized Assessment of the Mexican Universal Health Insurance Program”. *The Lancet*, 373(9673):1447–54, 25 April 2009. [Paper](#) | [Dataverse](#)
3. Dalton, W. Brian, Mandayam O. Nandan, Ryan T. Moore, and Vincent W. Yang. “Human Cancer Cells Commonly Acquire DNA Damage During Mitotic Arrest”. *Cancer Research*, 67(24):11487–11492, 15 December 2007. [Journal](#)
2. Lau, Olivia, Ryan T. Moore and Michael Kellermann. “eiPack:  $R \times C$  Ecological Inference and Higher-Dimension Data Management”. *R News*, 7(2):43–47, 2007. [Paper](#)

1. King, Gary, Emmanuela Gakidou, Nirmala Ravishankar, Ryan T. Moore, Jason Lakin, Manett Vargas, Martha María Téllez-Rojo, Juan Eugenio Hernández Ávila, Mauricio Hernández Ávila and Héctor Hernández Llamas. “A ‘Politically Robust’ Experimental Design for Public Policy Evaluation, with Application to the Mexican Universal Health Insurance Program”. *Journal of Policy Analysis and Management*, 26(3):479–509, 2007. [Paper](#)

## Refereed Conference Papers

- Wirth, Kurt, Ericka Menchen-Trevino, and Ryan T. Moore. “Bots By Topic: Exploring Differences in Bot Activity by Conversation Topic”. In *Proceedings of the 10th International Conference on Social Media and Society*, pages 77–82. Association for Computing Machinery, 2019. [Paper](#)

## Book Chapters

- Moore, Ryan T. and Andrew Reeves. “Learning from Place in the Era of Geolocation”. In Jennifer Bachner, Kathryn Wagner Hill, and Benjamin Ginsberg, editors, *Analytics, Policy and Governance*, pages 118–136. Yale University Press, 2017. [Text](#) | [Chapter](#)

## Invited and Other Publications

- Leopold, Josh, Mychal Cohen, Kassie Scott, Maria Alva, Natnaell Mammo, Namita Mody, Ryan T. Moore, and Sam Quinney. “DC Flexible Rent Subsidy Program: Findings from the Program’s First Year”. Research report, Urban Institute and The Lab @ DC, October 2020. [Report](#) | [HUD page](#)
- Gan, Katherine N., Karissa Minnich, Vicky Mei, Namita Mody, and Ryan T. Moore. “Coaching DC’s TANF Customers Towards Economic Security”, May 2019. [Report](#)
- Montgomery, Jacob M. and Ryan T. Moore. “Building and Maintaining R Packages with devtools and roxygen2”. *The Political Methodologist*, 22(1):26–31, 2014. [Paper](#) | [Blog post](#)
- Moore, Ryan T. “Blocking Political Science Experiments: Why, How, and Then What?”. *The Experimental Political Scientist*, 1(1):3–5, October 2010. [Paper](#)
- Moore, Ryan T. “Review of *Essential Mathematics for Political and Social Research*, by Jeff Gill”. *The Political Methodologist*, 14(2):16–18, 2006. [Paper](#) | [Book](#)

## Pre-Analysis Plans

5. Hecht, Amelie, Rebecca Johnson, Anamita Gall, Katie Gan, and Ryan T. Moore. “Can a Paid Internship Program Improve High School Students’ Success? A Pre-Analysis Plan”, November 2023. [Plan](#)
4. Dignazio, Nathan, Ryan T. Moore, Katie O’Connell, and Sam Quinney. “Pre-Analysis Plan Addendum: Flexible Rent Subsidy Pilot, Part 2: Program”, March 2023. [Plan](#)
3. Ravishankar, Anita, Ryan T. Moore, and Kevin H. Wilson. “Pre-Analysis Plan: Policing in Historical and Cultural Context – Measuring Attitudinal Change with a Multi-wave Survey”, May 2021. [Plan](#)

2. Quinney, Sam, Namita Mody, Ryan T. Moore, Natnaell Mammo, and Hersh Gupta. “Pre-Analysis Plan: Flexible Rent Subsidy Pilot, Part 2: Program”, January 2020. [Plan](#)
1. Gan, Katherine, Karissa Minnich, Ryan T. Moore, and David Yokum. “Pre-Analysis Plan: A Randomized Controlled Trial to Evaluate Whether Behaviorally-Designed Reminder Letters Increase TANF Recertification”, November 2017. [Plan](#)

## Software

Moore, Ryan T. and Keith Schnakenberg. *blockTools: Blocking, Assignment, and Diagnosing Interference in Randomized Experiments*, February 2023. R package version 0.6.4. <http://www.ryantmoore.org/html/software.blockTools.html>.

Moore, Ryan T. and Miles Williams. *oesr: Methods for the Office of Evaluation Sciences*. Office of Evaluation Sciences, Washington, DC, February 2023. R package version 0.1.0. <https://CRAN.R-project.org/package=oesr>.

Lau, Olivia, Ryan T. Moore and Michael Kellermann. *eiPack: Ecological Inference and Higher-Dimension Data Management*, February 2023. R package version 0.2-2. <https://cran.r-project.org/web/packages/eiPack/index.html>.

Moore, Ryan T. and Andrew Reeves. *muRL: Mailmerge using R, LaTeX, and the Web*, August 2023. R package version 0.1-13. <http://ryantmoore.org/software.muRL.html>.

Valdeolmillos, Pedro, Ryan T. Moore, and Andrew Reeves. “Milieu”. Apple App Store, Version 1.0., July 2015.

## Teaching Experience

### American University, Washington, DC

Independent Study in Research on Anti-LGBTQ+ Laws	S2024
Internship in Data Science	S2023
Winter Institute in Data Science and Big Data	W2020-24
Introduction to Political Research	SF2017-18, S2019, F2020, F2022-23
Intro to Survey Research	S2020
Intro to Applied Political Data Science	F2019-20, 22
Intro to Programming for Applied Political Data Science	S2018, F2018, S2019
Conduct of Inquiry IV	S2019
Independent Study in Contextual Multiarm Bandits	SF2019
Conduct of Inquiry II	S2015-16
Conduct of Inquiry II Lab	S2016
Conduct of Inquiry I	F2015
Conduct of Inquiry I Lab	F2015
Political Power and American Public Policy	F2014

**Essex Summer School in Social Science and Data Analysis, Essex, UK**

Causal Inference and Experiments in the Social Sciences	Summer 2019-23
Introduction to Experiments: Designing, Conducting, and Analyzing Social Science Experiments in the Field, Through Surveys, and in the Laboratory	Summer 2017

**Washington University, St. Louis, MO**

The Welfare State and Social Policy in America	S2009-10, S2013-14; F2012
Research Seminar in Applied Statistics: Causal Inference	S2010
Mathematical Modeling in Political Science	F2008-09, F2012-13
Graduate Summer Math Camp	2008-09, 2012-13
Senior Thesis Advisor, 2 honors theses	2009-2010, 2013-2014

**ICPSR Summer Program, Ann Arbor, MI**

Causal Inference for the Social Sciences	Summer 2012
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**Harvard University, Cambridge, MA**

Quantitative Social Science and the Law (joint w/HLS)	S2008
Hierarchical Bayesian Modeling	S2005
Quantitative Methods for Political Science I	F2004-05
Math Prefresher for Political Scientists	Sept 2004, 2005
Senior Thesis Advisor, 5 honors theses	2005-2008

**Fellowships and Grants**

Federal and State/Local Personnel Agreement grants: \$458,070 (2016-2024)

EGAP Metaketa II grant for tax formalization experiment in Lagos, Nigeria, 2017.

Excellence With Impact (EWI) grant for hosting [SLAMM! 2016](#).

Faculty Research Support Grant for geotargeted survey data, awarded December 2014.

Weidenbaum Center on the Econ, Govt, and Pub Policy, geographic data grant, 2014.

RWJ Pilot Grant for “Health Opinion and Representation in the US States”, 2012.

Weidenbaum Center on the Econ, Govt, and Pub Policy, statehouse ideology research grant, 2012.

Weidenbaum Center on the Econ, Govt, and Pub Policy, pensions research grant, 2009.

Harvard University, Dissertation Completion Grant, 2007-2008.

IQSS and Harvard Travel Grants, [useR!](#) Conference, Vienna, Austria, June 2006.

European Network on Inequality research grant, U. Pompeu Fabra, Barcelona, Spain, June 2005.

National Science Foundation, IGERT grant 0333403, multiyear, awarded 2003.

National Science Foundation, Grant for Graduate Research, Honorable Mention, 2003.

Harvard University Grant for Graduate Study, Sept 2002 to June 2007.

**Awards**

Outstanding Community Engagement Award nominee, American University, 2024.

ΠΣΑ Award nominee for paper at the SPSA annual meeting, 2012.

## Selected Presentations

### Invited Presentations

- “Preregistration, Preamalysis, and Reanalysis at OES”, Office of Planning, Research, and Evaluation, Administration for Children and Families, U.S. Department of Health and Human Services, October 2019. [Blog coverage](#) (2022).
- “The Lab @ DC: A Platform for Science in Government”, National Science Foundation, December 2018.
- “Public Policy Experiments”, Essex Summer School, July 2017.
- “Blocking: Improving Social Science Experiments”, Social and Behavioral Sciences Team of the US General Services Administration, April 2016.
- Roundtable Discussant, International Methods Colloquium, “Preregistration of Research Designs” February 2016.
- Paper, Women’s and Minority Representation Workshop, McGill University, Montréal, Québec, August 2015.
- “Causal Inference Seminar”. Toronto Political Behaviour Workshop, November 2013.
- American Politics & Public Policy Workshop, Yale University, October 2013.
- “Public Policy for the Poor? A Randomised Assessment of the Mexican Universal Health Insurance Program”. World Bank/SIEF Impact Evaluation Workshop for Health Sector Reform, Cape Town, South Africa, December 2009.
- “Seminar Series on Statistical Methods”. Harvard Institute for Global Health, Post-Bachelor Fellows Program. Topics included Survey Sampling, Design, and Analysis; Missing Data; Binary Data Models and Random & Fixed Effects; Bayesian Data Analysis and Computation; Visualizations of Data; Nov 2006 – June 2007.
- “Matching for Robust Causal Inference for Seguro Popular”. Harvard Institute for Global Health, Harvard Center for Population and Development Studies, Sept 2006.

### Selected Conference Presentations

- “Rerandomization Methods to Minimize Interference in Experiments”, paper, Midwest Political Science Assn (MPSA) 2024.
- “The Impact of Researcher Degrees of Freedom on Evidence-Informed Policy Making: Insights from the Stanford-King County Data Challenge”, roundtable, Assn for Public Policy Analysis and Management (APPAM) 2022.
- “Anchor Management: A Field Experiment to Encourage Families to Meet Critical Program Deadlines.”, paper, American Pol Sci Assn (APSA) 2022.
- “Information Seeking and Voter Turnout: Evidence from Search Data”, paper, Toronto Political Behaviour Workshop (TPBW) 2017.
- “Information Seeking and Political Behavior: Evidence from Search Data”, paper, MPSA 2017.
- “Connecting Context and Attitudes with Dynamically Geolocated Survey Data”, APSA 2016.
- Roundtable on Replication and Preregistration, APSA 2016.
- “Teaching Political Science Students about Analytics, Policy and Governance”, APSA 2016.
- “Overcoming Barriers to Heterogeneous-Group Learning”, paper and software demo, Ann Ferren Conference on Teaching, Research, and Learning 2015.
- “Milieu: Defining Racial Context with Geolocation Data”, TPBW 2014.
- “Reconceptualizing Political Context”, poster, Asian Political Methodology meeting 2014.
- “Genetic Algorithms for Experimental Design”, APSA 2013.
- “Where Credit is Due: Political Successes in Public Opinion”, MPSA 2012.
- “Driving Support: Factories, PACs, and Congressional Support of the Auto Industry”, MPSA

2012.

- “An Alternative to the Pocock-Simon Method for Trickle-in Random Assignment”, 9<sup>th</sup> International Conference on Health Policy Statistics 2011.
- “Blocking for Sequential Political Experiments”, APSA 2011.
- “Elections, Appointments, Copartisans, and the Affordable Care Act in the States”, APSA 2011.
- “Generalizing and Stabilizing the Augmented Inverse Propensity Weighted Estimator”, MPSA 2011.
- “The Distortion Gap: Policymaking under Federalism and Interest Group Capture”, MPSA 2010.
- “Blocking in Sequential Experiments: Improving Causal Inference with Covariate Information”. Poster, Political Methodology summer meeting (PolMeth) 2009.
- “A Model of Federalism under Conflict and Interest Group Distortion”, Political Economy of Democratic Institutions II Conference 2009.
- “Blocking to Improve Political Science Field Experiments”, MPSA 2008.
- “**blockTools**: Blocking, Assignment, and Diagnosing Interference for Randomized Experiments”, poster, **useR!** Conference 2007.
- “Intrastate Robin Hoods?: Voting for Old Age Pensions in the US States”, paper, MPSA 2007.
- “Design and Causal Inference for Mexico’s Seguro Popular”, poster, PolMeth 2006.
- “**eiPack**: Tools for  $R \times C$  Ecological Inference and Higher-Dimension Data Management”, paper and poster, **useR!** Conference/Austrian Assn. for Statistical Computing 2006.
- “Bayesian Imputation for Causal Inference”, Harvard Univ Graduate Methods Master Class 2005.
- “The Threat of Welfare Migration: A Spatial Approach”, MPSA 2004.

## Professional Service

### To the Discipline

#### Author

Peer-reviewed article ( “*The Job Market’s First Steps: Using Research Tools to Simplify the Process*”) and software (**muRL**) to scrape APSA eJobs and write  $\text{\TeX}$  letters from spreadsheets.

#### Referee, Journals

*American Journal of Political Science; American Politics Research; The American Statistician; Behavioural Public Policy; British Journal of Political Science; Business and Politics; Harvard Law Review; Journal of Human Resources; Journal of Political Science Education; Journal of Politics; Journal of Public Administration Research and Theory; Policy & Internet; Political Analysis; Political Behavior; Political Science Research and Methods; Politics and Governance; Public Administration Review; Revista de Ciencia Política; Scientific Reports; Sociological Methods and Research; State and Local Government Review; State Politics and Policy Quarterly; Statistics, Politics, and Policy*

#### Reviewer/Referee, Books and Chapters

Cambridge University Press, Routledge Publishers (2), SAGE Publishing (2)



**Reviewer, Experimental Designs**

Member, EGAP Peer Review Core Group (2014-2017)

**Disciplinary Committees**

Member, EGAP Post-Doctoral Fellow Selection Committee (2016)

**Conference Section Head**

MPSA 2024: Experimental Research, Chicago IL

**Conference Organizer**

SLAMM! 2016: Saint Louis Area Methods Meeting at American University, Washington DC  
The Forum @ DC 2018: Washington DC

**Conference Reviewer**

APPAM 2024: Methods and Tools of Analysis, Washington DC  
APPAM 2022: Methods and Tools of Analysis, Washington DC

**Conference Chair & Discussant**

“Using Experiments to Study Public Policy” (APSA 2019); “Advances in Causal Inference” (MPSA 2017); “Information and Competence” (MPSA 2017); “Spatial Explanations” (MPSA 2015); “Money and Politics” (ASQPS 2014)

**Conference Chair**

“Business and Politics in American Political Development” (MPSA 2009)

**Conference Discussant**

“U.S. State Regulation of Despatialized Work”, by A. Edisi (MPSA 2023); “Income Uncertainty and Preferences for Redistribution. What Difference Does the Institutional Design of Social Policy Make?”, by V. Fetscher (TPBW 2016); “Citizen Engagement (and Disengagement) in Response to Social Ills”, by Y. Krupnikov and A.S. Levine (TPBW 2015); “New Sources of (Big) Data” (APSA 2015); “Improving Best Practices for Statistical Analysis” (APSA 2015); “Missing Data under the Matched-Pair Design: A Practical Guide”, by K. Fukumoto (PolMeth 2015); “Civic Duty and Participation” (MPSA 2013); “Optimal Targeting of Political Advertising”, by M. Peress (PolMeth 2011); “Maximizing Substantive Inferences from TSCS Models” (SLAMM 2010); “Controversial Health Policies in the States” (MPSA 2010); “Average Causal Effects from Observational Studies: A Practical Guide and Simulated Example”, by J.L. Schafer and J.D.Y. Kang (PolMeth 2007)

**To the University, School, and Department****Committees**

Data Science Advisory Board, Member	2023-2024
Gill Family Foundation Scholarship Committee, SPA	2014-2019, 2024
PhD Admissions Committee, School of Public Affairs (SPA)	2015-2016, 2022-2024
BS in Data Sciences for Political Science, Faculty Curricular Coordinator	2018-2022



Faculty Search Committee, Department of Government (GOVT)	
Comparative Politics	2022
MS in Data Science, Admissions Committee	2018-2019
AUCore Natural-Scientific Inquiry Habit of Mind Committee	2017-2018
Graduate Methods Field Exam Committee, SPA	2018-2021
Merit and Course Load Committee, GOVT	2015-2016, 2018
Educational Policy Committee, SPA	2014-2017
Faculty Search Committee, SPA	
Director of CCPS, Faculty in American Politics	2015-2017
Director of WIPAR, Faculty in Public Administration and Policy	2014-2015
Politics, Policy, and Law (3-yr BA) Advisory Board, SPA	2014-2015
PhD Program Advisory Committee, GOVT	2014-2015
Faculty Search Committee, American Politics	2012-2013
PhD and MA Admissions Committee	2012-2013
Graduate Methods Field Exam Committee	2009-10, 2014
Political Science Undergraduate Awards Committee	2008-10

### Student Advising

The Lab @ DC/AU RA coordinator/mentor/advisor, School of Public Affairs (22)	2017-2024
PhD advisor, Department of Government ( <a href="#">Oh</a> )	2023-24
PhD advisor, Department of Government ( <a href="#">Amini</a> )	2022-24
PhD dissertation committee, Department of Government ( <a href="#">Bao</a> )	2019-2022
PhD dissertation committee, Department of Government ( <a href="#">Bello-Pardo</a> )	2018-2022
PhD dissertation committee, Department of Government ( <a href="#">Heuberger</a> )	2018-2021
PhD dissertation committee, School of Communication ( <a href="#">Wirth</a> )	2018-2020
PhD dissertation committee, Department of Government ( <a href="#">Guthrie</a> )	2015-2018
PhD dissertation committee, Department of Government ( <a href="#">Nadi</a> )	2014-2017
PhD dissertation committee, Department of Government ( <a href="#">Maboudi</a> )	2015-2016
PhD dissertation committee, School of Communication ( <a href="#">Matsa</a> , ABD)	2017-2018
PhD dissertation defense committee, Department of Government (Baitinger)	2016
PhD dissertation examination committee ( <a href="#">Pang</a> )	2010
PhD qualifying paper committee, Department of Government (5)	2017-24
PhD qualifying paper committee, Department of Justice, Law, & Criminology (2)	2016
Undergraduate honors thesis advisor	2009-10, 2013-14
Undergraduate major advisor	2009-10, 2012-14

### Professional Affiliations

#### Research Networks

Center for [Data Science](#) (Associate Director), American University  
Evidence in Governance and Politics ([EGAP](#)), Hewlett Foundation  
Research 4 Impact ([r4i](#)), Sloan Foundation/Surface 51/Skoll Fund  
Institute for Quantitative Social Science (IQSS), Harvard University

#### Associations

American Statistical Association (ASA)  
Society for Political Methodology (SPM)  
Midwest Political Science Association (MPSA)

American Political Science Association (APSA)

Association for Public Policy Analysis and Management (APPAM)

National Capital Area Political Science Association (NCAPSA)

Southern Political Science Association (SPSA)