Justin Grimmer

CONTACT
INFORMATION

Department of Political Science
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EMPLOYMENT

Stanford University *Department of Political Science*
 Assistant Professor, 2010-2014.
 Associate Professor, 2014 - Present.

EDUCATION

Harvard University *Department of Government*
 Ph.D Political Science, 2010
 A.M. Political Science, 2009

Wabash College,
 A.B. Mathematics and Political Science 2005
 Summa cum laude, Distinction in Mathematics and Political Science Comprehensive Exams

BOOKS

Representational Style in Congress: What Legislators Say and Why It Matters. *Cambridge University Press*, 2013.

The Impression of Influence: Legislator Communication, Representation, and Democratic Accountability. With Sean Westwood and Solomon Messing. *Princeton University Press.* 2014.

PUBLICATIONS

"Measuring Representational Style in the House: The Tea Party, Obama, and Legislators' Changing Expressed Priorities" in *Data Analytics in Social Science, Government, and Industry* Edited Volume from *Cambridge University Press*, *Forthcoming*

"We're All Social Scientists Now: How Big Data, Machine Learning, and Causal Inference Work Together" Part of Symposium on "Formal Theory, Causal Inference, and Big Data" *PS: Political Science & Politics* Forthcoming

"Congressmen in Exile: The Politics and Consequences of Involuntary Committee Removal" with Eleanor Neff Powell. *The Journal of Politics*, 2013. 75 (4), 907–920

"Appropriators not Position Takers: The Distorting Effects of Electoral Incentives on Congressional Representation". *American Journal of Political Science*, 2013. 57 (3), 624–642.

"Text as Data: The Promise and Pitfalls of Automatic Content Analysis Methods for Political Documents" with Brandon Stewart. *Political Analysis*, 2013. 21 (3), 267–297.

"Evaluating Model Performance in Fictitious Prediction Problems". Discussion of "Multinomial Inverse Regression for Text Analysis" by Matthew Taddy. *Journal of the American Statistical Association* 2013.108 (503) 770-771

"Elevated Threat-Levels and Decreased Expectations: How Democracy Handles Terrorist Threats" with Tabitha Bonilla. *Poetics*, 2013. 41, 650-669.
 - Special issue on topic models in the social sciences

"How Words and Money Cultivate a Personal Vote: The Effect of Legislator Credit Claiming on

Constituent Credit Allocation" with Solomon Messing and Sean Westwood. *American Political Science Review*, 2012. 106 (4), 703–719.

"General Purpose Computer-Assisted Clustering and Conceptualization" with Gary King. *Proceedings of the National Academy of Sciences*, 2011. 108 (7), 2643-2650.

"An Introduction to Bayesian Inference Via Variational Approximations" *Political Analysis*, 2011. 19(1), 32–47.
    - Included in *Political Analysis* virtual issue on Big Data in Political Science

"Approval Regulation and Endogenous Provision of Confidence: Theory and Analogies to Licensing, Safety, and Financial Regulation" with Daniel Carpenter and Eric Lomazoff. *Regulation and Governance.* 2010. 4(4) 383-407.

"A Bayesian Hierarchical Topic Model for Political Texts: Measuring Expressed Agendas in Senate Press Releases" *Political Analysis*, 2010. 18(1), 1–35.
    - Included in *Political Analysis* virtual issue on Bayesian methods in Political Science

WORKING PAPERS	"Estimating Heterogeneous Treatment Effects and the Effects of Heterogeneous Treatments with Ensemble Methods" with Solomon Messing and Sean J. Westwood.

"Money in Exile: Campaign Contributions and Committee Access" with Eleanor Neff Powell. *Under Review.*

"Are Close Elections Random?" with Daniel Carpenter, Eitan Hersh, and Brian Feinstein. Under Review.

"Conceptualization with Clusters, but Without Clustering" with Gary King.

"The Downside of Deadlines" with Daniel Carpenter. Under Review.

"A Class of Bayesian Semiparametric Topic Models for Political Texts" with Rachel Shorey, Hanna Wallach, and Frances Zlotnick.

HONORS AND AWARDS	2014. The Richard F. Fenno, Jr. Prize. Awarded to the best book in legislative studies published in 2013.

2013. *Political Analysis* Editor's Choice Award for an article providing an especially significant contribution to political methodology.

2012. School of Humanities and Sciences Dean's award for achievement in the first years of teaching at Stanford.

2011. Warren Miller Prize. Awarded for the best paper published in *Political Analysis* in 2010.

2010. Senator Charles Sumner Prize. Awarded by the Harvard Government faculty for the best dissertation from the legal, political, historical, economic, social, or ethnic approach, dealing with any means or measures tending toward the prevention of war and the establishment of universal peace.

2010. Robert H. Durr award, for the best paper presented at the 2009 Midwest Political Science Association meeting applying quantitative methods to a substantive problem.

2010. Certificate of Distinction in Teaching, Gov 2010: Qualitative and Quantitative Research Design.

2008. John T. Williams Prize. Awarded by the Society for Political Methodology for best dissertation proposal.

2005. Phi Beta Kappa, Wabash College.

2005. John Maurice Butler Prize. Awarded to the senior who, by vote of the Wabash College faculty, has highest achievements in scholarship and character.

2005. N. Ryan Shaw II Political Science Award. Awarded to the outstanding senior political science major.

2005. George E. Cascallen Prize in Mathematics. Awarded to the outstanding senior Mathematics major.

FELLOWSHIPS AND GRANTS

2013-2016. Stanford University Victoria Schuck Faculty Scholar in the School of Humanities and Sciences.

2013-2014. Stanford University, United Parcel Service Endowment Fund Grant, "Infrastructure Spending in American Cities".

2013-2014. National Fellow, Hoover Institute.

2012-2013. Faculty Fellow, Institute for Research in the Social Sciences.

2011-2013. Visiting Fellow, Hoover Institute.

2010. Dirksen Center Congressional research award, for "It's the Flow Not the Stock: Congressional Staff and Their Influence on Policy Outcomes" (with Matt Blackwell).

2009-2010. Center for American Political Studies (CAPS) dissertation completion fellowship.

2009. Eliot Dissertation Completion Grant. A competitive, merit-based Graduate School of Arts and Sciences fellowship for the Social Sciences (declined).

2008-2009. CAPS dissertation research fellowship.

2005-2006. National Science Foundation Graduate Research Fellowship, Honorable Mention.

SOFTWARE AND PATENTS

Patent Number: US 8,438,162 B2 Method and Apparatus for Selecting Clusterings to Classify a Predetermined Data Set (with Gary King)

Consilience: Software for Understanding Large Volumes of Unstructure Text (with Merce Crosas, Gary King and Brandon Stewart).
  Implements a general purpose methodology to facilitate discovery in large collections of texts

expAgenda
  Methods for measuring attention to topics in legislators' texts

"arima: ARIMA time series models" in Kosuke Imai, Gary King, and Olivia Lau "Zelig: Everyone's Statistical Software". 2006.

Teaching	American Political Institutions, Stanford University
	Text as Data, Stanford University
	Approaches to American Politics, Stanford University
	The Politics of Communication, Stanford University
	Political Methodology I, Stanford University
	Mathematics for Political Scientists, Stanford University
	Teaching Assistant (for Gary King), Advanced Quantitative Methods, Harvard University
	Teaching Assistant (for Matthew Platt), Agenda Setting in Congress, Harvard University
	Teaching Assistant (for Nahomi Ichino and Adam Glynn) Qualitative and Quantitative Research Design, Harvard University

Professional Conference Presentations	**Midwest Political Science Association**: Paper 2005, 2007, 2009-2014; Discussant 2009-2014; Round table 2014.
	Southern Political Science Association: Paper 2009.
	American Political Science Association: Paper 2009-2011, 2013; Discussant 2010, 2013.
	Summer Methods Meeting: Poster 2008-2009; Presentation 2009, 2011, 2013; Discussant 2012.
	Northeast Methods Meeting: Presentation 2009, 2013
	International Studies Association: Paper 2012.
	Western Political Science Assocaiation: Paper 2014; Discussant 2014; Round table 2014

Invited Presentations and Workshops	Triangle Methods Group. University of North Carolina. September 2009.
	Computational Social Science and the Wisdom of Crowds. Workshop. Neural Information Processing Systems Foundation Annual Conference. Whistler. December 2010.
	New Methodologies and Their Applications in Comparative Politics and International Relations. Princeton University. February 2011.
	Department of Political Science. University of California-Berkeley. February 2011.
	Milton Friedman Institute. Booth School of Business. University of Chicago. February 2011.
	Text as Data. Northwestern University. March 2011.
	Department of Social Sciences. California Institute of Technology. April 2011.
	Department of Computer Science. UMASS-Amherst. April 2011.
	New Research in American Politics. MIT. October 2011.
	Department of Political Science. UCLA. January 2012.
	Department of Linguistics. Stanford University. February 2012.
	Legislative Gridlock Conference. New York University Abu Dhabi. March 2012.
	West Coast Experiments Conference. May 2012.
	Congress and History. University of Georgia. May 2012
	Text as Data. Harvard University. October 2012.
	Conference on Empirical Legal Studies. Stanford University. November 2012.
	Conference on Computational Social Science. Stanford University. January 2013.
	Using Mechanical Turk for Social Experiments. Nuffield College. Oxford University. February 2013.
	Workshop on text as data. University of Southern California. March 2013.
	Department of Political Science. University of Rochester. March 2013.
	Department of Political Science. University of California-Berkeley. April 2013
	Data Society and Inference Workshop. University of California-Berkeley. April 2013.
	Political Economy Workshop. University of Chicago, Harris School. April 2013.
	Center for the Study of American Politics. Summer Conference. Yale University. June 2013
	Text as Data. University of California-Berkeley. EITM. June 2013
	Department of Political Science. Ohio State University. September 2013
	Politics, Elections and Data Workshop (Keynote address). ACM Conference of Information and Knowledge Management. October 2013
	Atlanta Workshop on Computational Social Science (Keynote address). Emory and Georgia Tech Universities. November 2013

Pacific Chapter of American Association for Public Opinion Research (PAPOR). December 2013
Massive Data Institute. Georgetown University. March 2014
Workshop on Surveys. Princeton University. May 2014
Department of Political Science. University of California, San Diego. May 2014
Big Data Conference. Academy of Science and Engineering. Stanford University. May 2014
Workshop on Language Technologies and Computational Social Science. Association for Computational Linguistics. John Hopkins University. June 2014
Digital Methods in Political Science. Princeton University. October 2014
Text as Data. Northwestern University. October 2014 Conference on Empirical Legal Studies. University of California, Berkeley. November 2014

PROFESSIONAL AND DEPARTMENTAL SERVICE

Reviewer for *American Political Science Review, American Journal of Political Science, Journal of Politics, Journal of the American Statistical Association, Proceedings of the National Academy of Sciences, British Journal of Political Science, Political Analysis, State Politics and Policy Quarterly, Public Opinion Quarterly, Journal of Public Economics, Legislative Studies Quarterly, Journal of Political Communication, Political Science Research and Methods, Research and Politics, American Politics Research, Political Behavior, Journal of Information Technology & Politics, Journal of Artificial Intelligence Research, Evaluation and Program Planning, National Science Foundation, Journal of Social Structure, Sociological Methodology, Cambridge University Press, Oxford University Press, Chapman & Hall (CRC Press), North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL HLT), Association for Computational Linguistics Annual Conference (ACL), Social Science Computer Review, Swiss National Science Foundation*

Editorial Board Member, Political Analysis (2014-2015)
Co-Editor, *Political Analysis Letters*

Program Committee: Neural Information Processing Systems (NIPS), Computational Social Science Workshop, 2011, Topic Modeling Workshop 2013
Graduate Admissions Committee, 2010-2011
Omnibus Faculty Search Committee, 2011-2012
Award Committee, Warren Miller Prize, 2012-2013
Methods Curriculum Committee, 2013-2014
Undergraduate Curriculum Committee, 2013-2014 Co-organizer: Stanford Conference on Computational Social Science. June 1st, 2012.
Section Chair for Legislative Campaigns and Elections. MPSA, 2013.

Dissertation Committees:
   - Zachary Peskowitz (Graduate School of Business, Ohio State University)

   - Kyle Dropp (Dartmouth College)

   - Tabitha Bonilla (Political Science, In Progress)

   - Colin McCubbins (Political Science, In Progress)

   - Sean Westwood (Communication, Princeton CSDP Post-Doc)

   - Solomon Messing (Communication, Facebook Data Science)

   - Rebecca Weiss (Communication, In Progress)

2007-2009 Coordinator for Applied Statistics Workshop