

Christopher Lucas

CGIS K320, Institute for Quantitative Social Science
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Cambridge, Massachusetts 02138

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APPOINTMENTS Washington University in St. Louis St. Louis, MO
Assistant Professor 2018 -

EDUCATION Harvard University, *Department of Government* Cambridge, MA
A.M., Ph.D., Political Science 2018
Dissertation: *Methods for the Analysis of Audio-Visual Data in the Social Sciences*
Committee: Gary King (chair), Dustin Tingley, Xiang Zhou

Lipscomb University, *Department of History, Politics, & Philosophy* Nashville, TN
B.A., Political Science 2009
Valedictorian, *summa cum laude*

PUBLICATIONS [5] White, Ariel, Anton Strezhnev, Christopher Lucas, Dominika Kruszewska, and Connor Huff. “Investigator characteristics and respondent behavior in online surveys.” *Journal of Experimental Political Science* 5, no. 1 (2018): 56-67.
[4] King, Gary, Christopher Lucas, and Richard Nielsen. “The Balance-Sample Size Frontier in Matching Methods for Causal Inference.” *American Journal of Political Science* 61, no. 2 (2017): 473-489.
[3] Lucas, Christopher, Richard A. Nielsen, Margaret E. Roberts, Brandon M. Stewart, Alex Storer, and Dustin Tingley. “Computer-Assisted Text Analysis for Comparative Politics.” *Political Analysis* 23, no. 2 (2015): 254-277.
[2] Charnysh, Volha, Christopher Lucas, and Prerna Singh. “The Ties that Bind: National Identity Salience and Pro-Social Behavior Toward the Ethnic Other.” *Comparative Political Studies* 48, no. 3 (2015): 267-300.
[1] Roberts, Margaret E., Brandon M. Stewart, Dustin Tingley, Christopher Lucas, Jetson Leder-Luis, Shana Kushner Gadarian, Bethany Albertson, and David G. Rand. “Structural Topic Models for Open-Ended Survey Responses.” *American Journal of Political Science* 58, no. 4 (2014): 1064-1082.

WORKING PAPERS [5] Lucas, Christopher. “A Supervised Method for Automated Classification of Political Video.”
[4] Lucas, Christopher. “Neural Networks for the Social Sciences.”
[3] Goplerud, Max, Dean Knox, and Christopher Lucas. “The Rhetoric of Parliamentary Debate.”
[2] Knox, Dean, Christopher Lucas, and Justin de Benedictis-Kessner. “Words Don’t Fit the Picture: Using Computer Vision to Measure Speaker Sentiment in Videos.”
[1] Knox, Dean and Christopher Lucas. “A Dynamic Model of Speech for the Social Sciences.”

AWARDS 2017 The Samuel P. Huntington Dissertation Award, for “Methods for the Analysis of Audio-Visual Data in the Social Sciences.”
2014 The Gosnell Prize for Excellence in Political Methodology, with Margaret Roberts, Brandon Stewart, Dustin Tingley, Jetson Leder-Luis, Shana Gadarian, Bethany Albertson, and David Rand, for “Structural Topic Models for Open-Ended Survey Responses.”

GRANTS **External**
2015 Weiss Family Program Fund for Research in Development Economics, with Horacio Larreguy and John Marshall (\$24,160)
J-PAL Political Economy and Governance Program, with Horacio Larreguy and John Marshall (\$59,560)

Internal

- 2017 The Institute for Quantitative Social Science (\$850)
The Institute for Quantitative Social Science (\$800)
- 2016 The Institute for Quantitative Social Science, with Connor Huff, Mayya Komisarchik, Gabriel Malina, Shom Mazumder, David Romney, and Dustin Tingley (\$1,800)
The Institute for Quantitative Social Science, with Max Goplerud and Dean Knox (\$3,000)
The Center for American Political Studies, with Connor Huff and Ariel White (\$1,000)
The Center for American Political Studies, with Connor Huff, Dominika Kruszezwska, Anton Strezhnev, and Ariel White (\$1,000)
The Center for American Political Studies (\$1,000)
- 2015 The Weatherhead Center for International Affairs, with Connor Huff and Shiro Kuriwaki (\$1,500)
The Institute for Quantitative Social Science, with Connor Huff and Shiro Kuriwaki (\$1,800)
The Institute for Quantitative Social Science (\$1,000)
- 2014 The Institute for Quantitative Social Science, with Connor Huff (\$2,000)
The Weatherhead Center for International Affairs, with Connor Huff (\$4,000)
The Center for American Political Studies, with Daniel J. Moskowitz (\$1,000)

CONFERENCES ORGANIZED

- 2017 Harvard Experimental Political Science Graduate Student Conference II, with Connor Huff, Mayya Komisarchik, Gabriel Malina, Shom Mazumder, David Romney, and Dustin Tingley
- 2016 Harvard Experimental Political Science Graduate Student Conference I, with Connor Huff, Shiro Kuriwaki, Dominika Kruszezwska, and Dustin Tingley

PRESENTATIONS

Invited Talks

- 2018 UCSD
- 2017 University of Southern California
- 2015 Department of Biostatistics, Harvard University
New Faces in Political Methodology, Pennsylvania State University

Conference Presentations

- 2018 APSA Annual Meeting
- 2017 APSA Annual Meeting
PolMeth XXXIV
MPSA Annual Conference
University of Pennsylvania Political Science Graduate Student Conference
- 2016 APSA Annual Meeting
PolMeth XXXIII
MPSA Annual Conference
Harvard Experimental Political Science Graduate Student Conference
NYU-CESS Experimental Political Science Conference Poster Session
- 2014 APSA Annual Meeting
- 2013 APSA Annual Meeting
PolMeth XXX
MPSA Annual Conference
NYU-CESS Experimental Political Science Conference
- 2012 PolMeth XXIX Poster Session

SOFTWARE

- AVNN: R Package for Video Classification with the AVNN. [under development]
Lucas, Christopher

SAM: Feature Extraction and Analysis for Emotion Detection in Audio-Visual Data. [under development]
Knox, Dean and Christopher Lucas

transcribeR: Automated Transcription of Audio Files Through the HP IDOL API.
Lucas, Christopher, Dean Knox, Dustin Tingley, Thomas Scanlan, Shiv Sunil, Michael May, and Angela Su

MatchingFrontier: R Package for Calculating the Balance-Sample Size Frontier.
King, Gary, Christopher Lucas, and Richard Nielsen

translateR: R bindings to the Google and Microsoft Translation APIs.
Lucas, Christopher and Dustin Tingley

txtorg: Python-based program (GUI included) for processing large amounts of text data.
Lucas, Christopher, Alex Storer, and Dustin Tingley

COURSES Washington University in St. Louis

Computational Social Science (Graduate)

Quantitative Political Methodology (Undergraduate)

SERVICE Discipline

Reviewer for:

American Journal of Political Science; American Political Science Review; Comparative Political Studies; Conflict Management and Peace Science; Computational Statistics and Data Analysis; Journal of Experimental Political Science; Journal of Peace Research; Political Analysis; Political Research Quarterly; Political Science Research and Methods; Statistics, Politics and Policy

University

Government Department Representative, Graduate Student Council, 2014 - 2015

Departmental

Co-Coordinator, Harvard Experiments Working Group, 2014 - 2016

Co-Founder, Harvard Experiments Working Group, 2014

Senior Thesis Adviser, 2014 - 2015

Graduate Student Coordinator, Research Workshop in Comparative Politics, 2014 - 2015

Research Mentor, Center for American Political Studies, 2013 - 2014

Student Representative, Graduate Program Committee, 2012 - 2015