

Christopher Lucas

Seigle Hall 284, Department of Political Science
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APPOINTMENTS

Washington University in St. Louis	St. Louis, MO
Associate Professor, Political Science	2024 -
Director of Data Science Training, Political Science	2024 -
Faculty Affiliate, Division of Computational & Data Sciences	2018 -
Assistant Professor, Political Science	2018 - 2024

EDUCATION

Harvard University, <i>Department of Government</i>	Cambridge, MA
A.M., Ph.D., Political Science	2018
Lipscomb University, <i>Department of History, Politics, & Philosophy</i>	Nashville, TN
B.A., Political Science	2009
Valedictorian, <i>summa cum laude</i>	

JOURNAL ARTICLES

- [13] Damann, Taylor, Dean Knox, and Christopher Lucas. “A Framework for Estimating Causal Effects of Multimodal Speech: Application to US Presidential Elections.” Conditionally accepted at the *Journal of the Royal Statistical Society, Series A*.
- [12] Kim, Dahjin, Christopher Lucas, Jacob Montgomery, Taishi Muraoka, and Margit Tavits. “Positive for Winners, Negative for Losers: Emotional Responses to Election Outcomes in a Comparative Perspective.” Conditionally accepted at *Political Science Research and Methods*.
- [11] Muraoka, Taishi, Dahjin Kim, Christopher Lucas, Jacob Montgomery, and Margit Tavits. “Speaking Their Language?: Descriptive Representation of Language Constituencies in Global Democracies.” Conditionally accepted at the *American Journal of Political Science*.
- [10] Barari, Soubhik, Christopher Lucas, and Kevin Munger. “Political Deepfakes Are As Credible As Other Fake Media And (Sometimes) Real Media.” Forthcoming at the *Journal of Politics*.
- [9] Knox, Dean, Christopher Lucas, and Wendy K. Tam Cho. “Testing Causal Theories with Learned Proxies.” *Annual Review of Political Science* 25 (2022): 419-441.
- [8] Knox, Dean and Christopher Lucas. “A Dynamic Model of Speech for the Social Sciences.” *American Political Science Review* 115, no. 2 (2021): 649-666.
- Winner of the The Gosnell Prize for Excellence in Political Methodology, awarded for the “best work in political methodology presented at any political science conference during the preceding year.”
- [7] Muraoka, Taishi, Jacob Montgomery, Christopher Lucas, and Margit Tavits. “Love and Anger in Global Party Politics: Facebook Reactions to Political Party Posts in 79 Democracies.” *Journal of Quantitative Description: Digital Media* 1, no. 1 (2021).
- [6] Mehr, Samuel, Manvir Singh, Dean Knox, Daniel Ketter, Daniel Pickens-Jones, Stephanie Atwood, Christopher Lucas, Alena Egner, Nori Jacoby, Erin J Hopkins, Rhea M Howard, Joshua Hartshorne, Mariela Jennings, Jan Simson, Constance Bainbridge, Steven Pinker, Timothy J O’Donnell, Max Krasnow, and Luke Glowacki. “Universality and diversity in human song.” *Science* 366, no. 6468 (2019).
- [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.
- Winner of the The Gosnell Prize for Excellence in Political Methodology, awarded for the “best work in political methodology presented at any political science conference during the preceding year.”

CHAPTERS [1] Lin, Gechun, and Christopher Lucas, ‘An Introduction to Neural Networks for the Social Sciences’, in Janet M. Box-Steffensmeier, Dino P. Christenson, and Valeria Sinclair-Chapman (eds), *Oxford Handbook of Engaged Methodological Pluralism in Political Science (Vol 1)* (2024).

SUBMITTED [2] Liu, Naijia, Matt Baum, Adam J. Berinsky, Justin de Benedictis-Kessner, Andy Guess, Dean Knox, Christopher Lucas, and Brandon M. Stewart. “Do Online Video Recommendation Algorithms Increase Polarization?” Revised and resubmitted at the *Proceedings of the National Academy of Sciences*.

[1] Lucas, Christopher, John Marshall, and Zara Riaz. “Don’t Read All About It: Drug Trafficking Organizations and Media Reporting of Violence in Mexico.”

DRAFT AVAILABLE [1] Larreguy, Horacio, Christopher Lucas, and John Marshall. “When Do Media Stations Support Political Accountability? A Field Experiment in Mexico.”

AWARDS 2020 The Gosnell Prize for Excellence in Political Methodology, with Dean Knox, for “A Dynamic Model of Speech for the Social Sciences.”

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

2023 “The Role of International Cooperation in Combating the Populist Threat to Democracies,” Carnegie Corporation (International Peace & Security Program), with Jacob Montgomery and Margit Tavits (\$330,000)

“Body-worn camera metadata,” National Science Foundation (Law & Science Program), with Andrew Jordan, Soumendra Lahiri, and Kyle Rozema (\$224,712)

2022 “Populist rhetoric on social media and its effects on democracies around the world,” National Science Foundation (Security and Preparedness and Human Networks and Data Science Programs), with Jacob Montgomery and Margit Tavits (\$571,005)

2021 “Computational Methods for Speech Analysis,” National Science Foundation (Methodology, Measurement, and Statistics Program), with Dean Knox (\$249,318)

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

- 2022 Incubator for Transdisciplinary Futures, with Andrew Jordan, Soumendra Lahiri, and Kyle Rozema (\$89,000)
- 2019 The Wiedenbaum Center (\$6,000)
- 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 Komisarich, 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 Komisarich, 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

- 2024 Frontiers Workshop in Online Political Behavior, Duke University
Political Methodology Workshop, UC-Berkeley
- 2023 Talking to Machines Workshop, Oxford University
Political Methodology Workshop, University of Chicago
Political Methodology Workshop, Stanford University
- 2022 Summer Institute of Computational Social Science, The Chinese University of Hong Kong
Transdisciplinary Institute in Applied Data Sciences Speaker Series, Washington University in St. Louis
Conference in Applied Methods for Political Science, University of Rochester
Center for C-SPAN Scholarship & Engagement, Purdue University
- 2021 Hot Politics Lab, University of Amsterdam
CIVICA Data Science Seminar, jointly hosted by the LSE and the Hertie School
- 2020 Speaker Series, Rice University
Radcliffe Workshop, Harvard University
- 2019 Cognitive Science Seminar, University of Memphis
Division of Computational and Data Sciences, Washington University in St. Louis
Department of Economics, West Virginia University
Summer Psychology Forum, Big Data in Personal and Social Psychology
CSDP Workshop and the Research Program in Political Economy, Princeton University
- 2018 Methodology Speaker Series, UCSD
- 2017 International Methods Colloquium, Rice University
Networked Democracy Lab, University of Southern California
- 2015 Department of Biostatistics, Harvard University
New Faces in Political Methodology, Pennsylvania State University

Conference Presentations

- 2023 APSA Annual Meeting
MPSA Annual Conference
- 2022 MPSA Annual Conference
- 2021 Saint Louis Area Methods Meeting
PolMeth XXXVIII
APSA Annual Meeting
- 2020 APSA Annual Meeting
- 2019 MPSA Annual Conference
Texas Conference on Political Methodology
- 2018 APSA Annual Meeting
PolMeth XXXV
- 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
- 2014 APSA Annual Meeting
- 2013 APSA Annual Meeting
PolMeth XXX
MPSA Annual Conference
NYU-CESS Experimental Political Science Conference
- 2012 PolMeth XXIX

SOFTWARE

- communication:** Feature Extraction and Analysis for Emotion Detection in Audio-Visual Data.
Knox, Dean, Christopher Lucas, Guilherme Duarte, Alex Shmuley, Vineet Bansal, and Vadym Vashchenko
- 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
- translator:** 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

TEACHING & ADVISING

- Courses**
- Computational Social Science (Graduate)
- Causal Inference (Graduate)
- Quantitative Political Methodology I (Graduate)
- Political Data Science Lab (Graduate)
- Math Camp (Graduate)
- Quantitative Political Methodology (Undergraduate)
- Data Science and Public Policy (Undergraduate)

Dissertation Chair (*co-chair)

Cecilia Sui* (WUSTL Political Science, Ph.D. in progress)

Dissertation Committees

Dahjin Kim (WUSTL Political Science, Ph.D. in progress)

Gechun Lin (WUSTL Political Science, Ph.D. in progress)

Ipek Sener (WUSTL Political Science, Ph.D. 2024): Lecturer, Harvard

Lucas Boschelli (WUSTL Political Science, Ph.D. 2024): Data Scientist, Maritz

Ben Noble (WUSTL Political Science, Ph.D. 2023): Assistant Professor, UCSD

Luwei Ying (WUSTL Political Science, Ph.D. 2022): Assistant Professor, UCLA

Ryden Butler (WUSTL Political Science, Ph.D. 2021): Data Scientist, Evolve

Hao Yan (WUSTL Computer Science and Engineering, Ph.D. 2019): Data Scientist, Facebook

Taishi Muraoka (WUSTL Political Science, Ph.D. 2019): Postdoc, Harvard

Undergraduate Theses (*award-winning)

Zoe Holtzman (2021)*

Undergraduate Advisees in Academia

Jose Santiesteban (2024): Ph.D. Student, Washington University in St. Louis

Lara Briggs (2024): Ph.D. Student, Yale

Helen Webley-Brown (2022): Ph.D. Student, MIT

SERVICE Discipline

Associate Editor for Replications, *Political Analysis* 2024-Present

Publications Committee, Society for Political Methodology 2024-2027

Methodology Section Co-Chair, APSA 2023

Methodology Section Co-Chair, MPSA 2022

Editorial Board Member, *Journal of Quantitative Description: Digital Media*

Inclusivity & Expansion Fellowship Mentor, Society for Political Methodology 2021-22

Polmeth Poster Award Committee, 2018

Reviewer for:

American Journal of Political Science; American Political Science Review; Artificial Intelligence Review; British Journal of Political Science; Comparative Political Studies; Conflict Management and Peace Science; Computational Statistics and Data Analysis; Economic History Review; Economics and Politics; Information, Communication, and Society; International Organization; Journal of Experimental Political Science; Journal of Open Source Software; Journal of Peace Research; Journal of Politics; Journal of Quantitative Description: Digital Media; Journal of the Association for Information Science and Technology; Nature Human Behavior; PLOS One; Political Analysis; Political Behavior; Political Research Quarterly; Political Science Research and Methods; Proceedings of the National Academy of Sciences; PS: Political Science & Politics; Statistics, Politics and Policy; PS: Political Science & Politics; Sociological Methods & Research; Swiss Data Science Center; Swiss National Science Foundation; Technometrics

University

Washington University in St. Louis

Statistics and Data Science Search Committee (Outside Member), 2023-2024

Economics Department Search Committee (Outside Member), 2020-2021

Truman Scholarship Selection Committee, 2020 - 2021

Harvard

Government Department Representative, Graduate Student Council, 2014 - 2015

Departmental

Department of Political Science, Washington University in St. Louis

Field Chair, Political Methodology, 2024-Present

Methods Field Committee, 2023-Present

Diversity Committee, 2023-2024

Search Committee, 2023-2024

Speaker Series Coordinator, 2022-2023

Search Committee, 2020-2021

Methods Review Committee, 2020-2021

Senior Thesis Adviser, 2020-2021

Diversity Committee, 2019-2020

Department of Government, Harvard University

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