Christopher Lucas

Seigle Hall 284, Department of Political Science
1 Brookings Drive
St. Louis, MO 63130

christopher.lucas@wustl.edu
christopherlucas.org

APPOINTMENTS

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

EDUCATION

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

JOURNAL ARTICLES

[10] Barari, Soubhik, Christopher Lucas, and Kevin Munger. "Political Deepfakes Are As Credible As Other Fake Media And (Sometimes) Real Media." Conditionally accepted 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 *The Oxford Handbook of Methodological Pluralism in Political Science*.

SUBMITTED [5] Muraoka, Taishi, Dahjin Kim, Christopher Lucas, Jacob Montgomery, and Margit Tavits. "Speaking Their Language?: Descriptive Representation of Language Constituencies in Global Democracies." Revise and resubmit at the *American Journal of Political Science*.

[4] Damann, Taylor, Dean Knox, and Christopher Lucas. "A Framework for Estimating Causal Effects of Multimodal Speech: Application to US Presidential Elections." Revise and resubmit at the *Journal of the Royal Statistical Society, Series A*.

[3] 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?" Revise and resubmit at the *Proceedings of the National Academy of Sciences*.

[2] Lucas, Christopher, John Marshall, and Zara Riaz. "Don't Read All About It: Drug Trafficking Organizations and Media Reporting of Violence in Mexico."

[1] 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."

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 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 and Ariel White ($1,000)
        The Center for American Political Studies, with Connor Huff, Dominika Kruszewska, 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 2017   Harvard Experimental Political Science Graduate Student Conference II, with Connor Huff, Mayya Komis-
ORGANIZED   archik, Gabriel Malina, Shom Mazumder, David Romney, and Dustin Tingley
                 2016   Harvard Experimental Political Science Graduate Student Conference I, with Connor Huff, Shiro Kuri-
                         waki, Dominika Kruszewska, and Dustin Tingley

PRESENTATIONS **Invited Talks**
                 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

`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

TEACHING & ADVISING

Courses

Computational Social Science (Graduate)
Causal Inference (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. in progress)
Lucas Boschelli (WUSTL Political Science, Ph.D. in progress)
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
Helen Webley-Brown (2022): Ph.D. Student, MIT

SERVICE

Discipline
Methodology Section Co-Chair, APSA 2023
Methodology Section Co-Chair, MPSA 2022
Editorial Board Member, *Journal of Quantitative Description: Digital Media*
Society for Political Methodology Inclusivity & Expansion Fellowship Mentor
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; 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; Statistics, Politics and Policy; 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
    Methods Field Committee, 2023-2024
    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