

Bryce J. Dietrich

Purdue University
Department of Political Science
100 N. University Street
West Lafayette, IN 47907-2098

Phone: (765) 494-4161
Fax: (765) 494-0833
Email: bjdietri@purdue.edu
Homepage: <http://www.brycejdietrich.com>

Education

Ph.D. Political Science, University of Illinois, Urbana-Champaign, 2014.

M.A. Political Science (with Honors), University of Kansas, 2008.

B.A. Political Science and Philosophy (with Honors), University of Missouri, Kansas City, 2005.

Academic Appointments

University of Iowa

Assistant Professor, Department of Political Science, 2016-2022

Assistant Professor, Iowa Informatics Initiative (UI3), 2016-2022

Harvard University

Research Fellow, John F. Kennedy School of Government, 2018-2019

Northeastern University

Research Fellow, Network Science Institute, 2018-2019

University of Missouri, Columbia

Visiting Assistant Professor, Department of Political Science, 2014-2016

Publications

Journal Articles

Using Motion Detection to Measure Social Polarization in the U.S. House of Representatives, 2021, *Political Analysis*, 27(2):237-243.

-Selected Media Coverage: *Washington Post*, *BBC Radio*

Sensitive Questions, Spillover Effects, and Asking About Citizenship on the U.S. Census (with Matthew A. Baum, Rebecca Goldstein, and Maya Sen), 2020, *Journal of Politics*, Forthcoming.

-Selected Media Coverage: *Washington Post* #1, *Washington Post* #2, *FiveThirtyEight*, *Wall Street Journal*, *USA Today*, *Reuters*, *Slate*, *ABC News*, *CNN*, *NPR (Phoenix)*

Pitch Perfect: Vocal Pitch and the Emotional Intensity of Congressional Speech on Women (with Matt Hayes and Diana O'Brien), 2019, *American Political Science Review* 113(4):941-962.

-Selected Media Coverage: *Washington Post*

Emotional Arousal Predicts Votes on the Supreme Court (with Ryan D. Enos and Maya Sen), 2019, *Political Analysis* 27(2): 237-243.

-Selected Media Coverage: *The Economist*, *FiveThirtyEight*, *American Bar Association Journal*

Geovisual Text Analytics for Exploring Public Discourse on Twitter (with Caglar Koylu and Ryan L. Larson), 2019, *Cartography and Geographic Information Science* 46(1): 57-71.

-Featured on the Cover

Contextual Determinants of Observed Negative Emotional States in Police-Community Interactions (with David A. Makin, Dale W. Willits, Wendy Koslicki, Rachael Brooks, and Rachel L. Bailey), 2019, *Criminal Justice and Behavior* 46(2): 301-318.

-Selected Media Coverage: *KOMO News Radio*, *PR Newswire*

When Candidates Debate, Does Social Media Listen? (with Courtney Juelich), 2018, *Journal of Elections, Public Opinion and Parties* 28(2): 208-224.

Personality and Legislative Politics: The Big Five Trait Dimensions among U.S. State Legislators (with Scott Lasley, Jeffery J. Mondak, Megan L. Rempel and Joel Turner), 2012, *Political Psychology* 33(2): 179-306.

Book Chapters

"Is There Anybody Out There? C-SPAN, Women, and the Distribution of Desirable Speech Time." In *The Evolution of Political Rhetoric*, Robert X. Browning, ed. Purdue University Press, 2020.

"If a Picture is Worth a Thousand Words, What is a Video Worth?." In *Exploring the C-SPAN Archives: Advancing the Research Agenda*, Robert X. Browning, ed. Purdue University Press, 2015.

Newsletters

Race and Symbolic Politics in the U.S. Congress (with Matthew Hayes), 2020, *The Legislative Scholar* 4(2): 10-11.

How Audio, Image and Video Data is Being Used to Study Legislative Behavior, 2020 (with Jielu Yao), *The Legislative Scholar* 4(1): 10-12.

Awards and Grants

Understanding the Evolution of Political Campaign Advertisements over the Last Century (co-PI with Michael Crespin and Kosuke Imai). Cisco Research. \$432,000. Under Review.

Using Traffic Camera Feeds to Assess Social Distancing Behavior During the Covid-19 Pandemic (co-PI with Ryan Enos and Melissa Sands). Cisco Research. \$50,000. 2020.

Developing a Machine Learning Algorithm to Detect Changes in Depression During In-Person Interviews (co-PI with Marianne Smith and Erwei Bai). National Institute of Health. \$463,500. 2019.

Classifying Elderly Depression Using Audio and Machine Learning (with Marianne Smith, Erwei Bai, and Gary Christensen). Office of Vice President for Research. \$40,000. 2017.

Campus-Based Mobilization: Measuring Characteristics, Processes, and Outcomes (with Cassie Barnhardt). Iowa Measurement Research Foundation. \$23,231. 2017.

The Development of an Early Warning System for Public Safety using Software Analytics. Phase I Subcontract with the Department of Homeland Security and Applied Physics Lab (with David Makin, Rachel Bailey, and Dale Willits). \$30,000. 2017.

Washington State University, University of Iowa, and Axon Technology Partnership. Equipment Transfer of 60 Body-Worn Cameras, Accessories, and Storage. Equipment equivalency of \$100,000. 2017.

Kinder Institute on Constitutional Democracy. \$3,500 research award. 2015.

C-SPAN Education Grant, Purdue University. \$2,500 research award. 2014.

Working Papers

Using Public Video Feeds to Understand Intergroup Exposure on the Streets of New York (with Melissa Sands). (*Revise and Resubmit, Nature*)

Finding Fauci: Visual and Textual Misinformation During the Covid-19 Pandemic (with Hyein Ko). (*Under Review*)

Using Audio and Video from Online and Offline Surveys for Political Science Research (with Jeff Mondak).

Has President Trump Changed the Way Americans Talk about Immigration on Twitter? (with Nick Beauchamp, Caglar Koylu, Jieliu Yao, and Cassandra Tai).

This Floor Speech Will Be Televised: Understanding the Factors that Influence When and Where Floor Speeches Appear on Cable Television. (with Dan Schultz and Tracey Jaquith)

Estimating the Duplicate Voting Rate in the United States (with Matthew A. Baum, Maya Sen, Ryan Enos, David Lazer, and Margaret Schwenzfeier)

Seeing is Believing: How Video of Police Action Affects Criminal Justice Beliefs (with Paul Testa).

Do Oral Arguments Influence the Language of Majority Opinions? (with Maya Sen).

Racial Rhetoric in Black and White: Symbolic References in U.S. House Speeches (with Matthew Hayes).

Gender Dynamics in Elite Political Contexts: Evidence from Supreme Court Oral Arguments (with Ryan D. Enos and Maya Sen).

You've Got to Know When to Fold Them: Reassessing Bluffing, Resolve, and Reputation in Politics (with Phil Potter and Matthew A. Baum).

Race, Deliberation, and Voter Identification Laws (with Matt Hayes).

Conference Papers (last 2 years)

Has President Trump Changed the Way Americans Talk about Immigration on Twitter? (with Nick Beauchamp, Caglar Koylu, Jieliu Yao, and Cassandra Tai), *Presented at the Annual Meeting of the American Political Science Association, Online (2020)*.

Estimating the Duplicate Voting Rate in the United States (with Matthew A. Baum, Maya Sen, Ryan Enos, David Lazer, and Margaret Schwenzfeier), *Presented at the Annual Meeting of the American Political Science Association, Washington, DC (2019)*.

Using the Audio from Telephone Surveys for Political Science Research (with Jeffery J. Mondak), *Presented at the Annual Meeting of the Society for Political Methodology, Boston, MA (2019)*.

Estimating the Duplicate Voting Rate in the United States (with Matthew A. Baum, Maya Sen, Ryan Enos, David Lazer, and Margaret Schwenzfeier), *Presented at the Annual Meeting of the Midwest Political Science Association, Chicago, IL (2019)*.

Do Legislators *Emphasize* Some Groups More Than Others? (with Diana Z. O'Brien and Jielu Yao), *Presented at the Annual Meeting of the Midwest Political Science Association, Chicago, IL (2019)*.

Using the Audio from Telephone Surveys for Political Science Research (with Jeffery J. Mondak), *Presented at the Annual Meeting of the Midwest Political Science Association, Chicago, IL (2019)*.

The Risks and Rewards of Using Audio-as-Data for Political Science Research (with Chris Lucas and Dean Knox), *Presented at the Annual Meeting of the American Political Science Association, Boston, MA (2018)*.

Are Non-Verbal Emotional Expressions Used for Some Words More than Others? *Presented at the Annual Meeting of the American Political Science Association, Boston, MA (2018)*.

Do Oral Arguments Influence the Language of Majority Opinions? (with Maya Sen), *Presented at the Annual Meeting of the Midwest Political Science Association, Chicago, IL (2018)*.

Seeing is Believing: How Video of Police Action Affects Criminal Justice Beliefs (with Paul Testa), *Presented at the Annual Meeting of the Midwest Political Science Association, Chicago, IL (2018)*.

Using Public Video Feeds to Understand Intergroup Exposure on the Streets of New York (with Melissa Sands), *Presented at the Annual Meeting of the Midwest Political Science Association, Chicago, IL (2018)*.

This Floor Speech Will Be Televised: Understanding the Factors that Influence When and Where Floor Speeches Appear on Cable Television (with Dan Schultz and Tracey Jaquith), *Presented at the Annual Meeting of the Midwest Political Science Association, Chicago, IL (2018)*.

The Diffusion of Women's Policy Representation from Congress to State Legislatures (with Diana Z. O'Brien and Jielu Yao), *Presented at the Annual Meeting of the Midwest Political Science Association, Chicago, IL (2018)*.

Invited Talks and Conferences

Instituto Tecnológico Autónomo de México (ITAM), November 2020

University of Pennsylvania, October 2020

University of Washington, May 2020

Michigan State University, May 2020 (Cancelled due to Covid-19)

Stony Brook University, February 2020

University of Memphis, October 2019

Center for Research Libraries, May 2019

MIT Elections Workshop, March 2019

Ash Center for Democracy Panel, February 2019

Harvard Political Behavior Workshop, February 2019

University of Pittsburgh, November 2018

New York University, Text-as-Data Series, October 2018

University of California-Riverside, June 2018.

Instituto Tecnológico Autónomo de México (ITAM), Method Speaker Series, April 2018.

Text Analysis Software Developers' Workshop, New York University, April 2018.

Social Science Foo Camp, Facebook, February 2018.

Rice University, Method Speaker Series, November 2017.

PoliInformatics Workshop, University of Washington, August 2017

University of California-San Diego, Method Speaker Series, June 2017.

Wesleyan University, Digital and Computational Knowledge Initiative (DaCKI) Speaker Series, November 2016.

Conference on Political Data Science, Washington University, May 2016.

Patents

Program for Automating the Detection of Anomalous Interactions from Video Data (co-inventor).
Provisional Patent (#1742). 2017-2018.

Teaching

Undergraduate Courses

American Government. Fall 2014, Spring 2015, Spring 2016.

State Government. Fall 2014.

Research Methods. Fall 2015, Spring 2016, Spring 2018.

Environmental Politics. Spring 2015, Spring 2016, Fall 2017, Spring 2021.

Political Behavior. Spring 2015, Fall 2015.

Congress and Legislative Policy. Fall 2015, Spring 2017, Fall 2020.

Legislative Policy Research. Fall 2017, Fall 2019, Fall 2020.

Honors Practicum. Spring 2018, Spring 2020, Spring 2021.

Graduate Courses

Introduction to Statistics. Fall 2016.

Text-as-Data. Fall 2016, Fall 2019.

Ordinary Least Squares (OLS). Spring 2018.

Workshops

Audio-as-Data. Instituto Tecnológico Autónomo de México (ITAM). Spring 2018.

Audio-as-Data. Iowa Informatics Initiative. Spring 2018.

Text-as-Data. Iowa Informatics Initiative. Spring 2017.

Text Analysis. University of Missouri. Fall 2015.

Programming in R. University of Missouri. Spring 2015.

Multilevel Modeling. University of Missouri. Fall 2014.

Advising

Undergraduate Students

Ganon Evans (current student, University of Iowa)

Grace Kipple (current student, University of Iowa)

Jack Kamp (current student, University of Iowa)

Nicholas Pryor (current student, University of Iowa)

Anna Sullivan (current student, University of Iowa)

Kyle Apple (former student, University of Iowa) → University of Iowa Law School, 2020–Present.

Logan Drake (former student, University of Iowa) → PhD Student (Sociology), University of Iowa, 2019–Present.

Jennifer Eggerling (former student, University of Iowa) → Florida State University Law School, 2019–Present.

Lauren Ellbogen (former student, University of Iowa) → Northeastern University Law School, 2019–Present.

Marcus Miller (former student, University of Iowa) → Harvard University Law School, 2019–Present.

Jacob Otto (former student) → PhD Student (Political Science), University of Pittsburgh, 2017–Present.

Anne Russell (former student) → PhD Student (Economics), Tufts University, 2017–Present.

Zach Weigel (former student) → MA Student (Education), University of Iowa, 2019–Present.

Graduate Students

Hyein Ko (current student, University of Iowa)

Cassandra Tai (current student, University of Iowa)

Jielu Yao (former student, University of Iowa) → Pre-Doctoral Research Fellow (Wesleyan University)

Ryan Young (former student, University of Iowa) → Private Sector, Research Analyst (University of Illinois)

Christopher Junk (former student, University of Iowa) → Private Sector, Data Scientist, CVS (Research Division), 2019–Present.

Payel Sen (former student, University of Missouri) → PhD Student (Political Science), Stony Brook University, 2017–Present.

Stella Wancke (former student, University of Missouri) → PhD Student (Political Science), University of Texas, 2016–Present.

JoyAnna Hopper (former student, University of Missouri) → Tenure-Track (Political Science), Sewanee University, 2016–Present.

Volha Kananovich (former student, University of Iowa) → Tenure-Track (Journalism), Appalachian State University, 2019–Present.

Yafei Zhang (former student, University of Iowa) → Tenure-Track (Business), West Texas A&M, 2016–Present.

Ruoxi Du (former student, University of Iowa) → Private Sector, Netflix (Research Division), 2018–Present.

Professional Service

Reviewer

Journals

American Journal of Political Science

American Politics Research

American Political Science Review

Communication Monographs

Journal of Politics

Legislative Studies Quarterly

Political Analysis

Political Behavior

Political Psychology

Political Science Research and Methods

Publishers

Oxford University Press

Sage

College and Departmental Service

College

Director, Computational Social Science Lab (2020-)

Director, Iowa Policy Research Organization (2017-)

Chair, "Internet Archive: Past, Present, and Future." (Informatics Showcase, 2018)

Chair, "Group Dynamics in the Digital Age." (Informatics Showcase, 2017)

Chair, "Creating a New Search Engine for the Internet Archive." (HackUIowa, 2017)

Moderator, Presidential Debate. (Student Government, 2017).

Department

Chair, Computer and Technology Committee (2019-)

Member, Executive Committee. (Informatics, 2017-2018)

Member, Executive Committee. (Political Science, 2017-2018, 2020)

Member, Scholarship Selection Committee. (Honors Program, 2017-2018)

References

Available Upon Request

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http://www.brycejdietrich.com/dietrich_cv.pdf