

JACOB MICHAEL MONTGOMERY

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EMPLOYMENT

WASHINGTON UNIVERSITY IN ST. LOUIS (POLITICAL SCIENCE)

2023– Professor
2020 – 2024 Director of Data Science Training
2017– 2023 Associate Professor
2011–2017 Assistant Professor

WASHINGTON UNIVERSITY IN ST. LOUIS (OTHER)

2022–2024 Founding Director, Transdisciplinary Institute in the Applied Data, School of Arts & Sciences Sciences
2020 – 2023 Director of The American Social Survey (TASS), Weidenbaum Center on the Economy, Government, and Public Policy

EDUCATION

2011 DUKE UNIVERSITY
Ph.D., Political Science
2009 DUKE UNIVERSITY
M.S., Statistical Sciences
2004 VICTORIA UNIVERSITY OF WELLINGTON
B.A. (Honors), Political Science
2002 WAKE FOREST UNIVERSITY (*Summa Cum Laude*, *Phi Beta Kappa*)
B.A., Mathematical-Economics and Political Science (Honors)

PUBLICATIONS

Books

44† Montgomery, Jacob M. and Erin Rossiter. 2022. “Adaptive Inventories: A Practical Guide for Applied Researchers.” *Cambridge University Press*. <http://dx.doi.org/10.1017/9781108862516>

Refereed Publications

- 43† Chen, Yehu, Muchen Xi, Jacob Montgomery, Joshua Jackson, and Roman Garnett. Accepted. “Idiographic Personality Gaussian Process for Psychological Assessment.” *The 2024 Conference on Neural Information Processing Systems (NeurIPS)*.
- 42† Edelson, Laura, Dominique Lockett, Zhaozhi Li, Tobias Lauinger, Celia Guillard, Jacob Montgomery, and Damon McCoy. Accepted pending replication. “What Drives Perceptions of the Political in Online Advertising?: The Source, Content, and Political Orientation.” *Journal of Experimental Political Science*.
- 41† Kim, Dahjin, Taishi Muraoka, Christopher Lucas, Jacob Montgomery, and Margit Tavits. Accepted with minor revisions. “Populism, Polarization, and Post-Election Emotions.” *Political Science Research and Methods*.
- 40† Muraoka, Taishi, Dahjin Kim, Christopher Lucas, Jacob Montgomery, and Margit Tavits. Accepted pending replication. “Speaking Their Language?: Descriptive Representation of Language Constituencies in Global Democracies.” *American Journal of Political Science*.
- 39 Lyons, Benjamin, Jacob M. Montgomery, and Jason Reifler. Forthcoming. “Partisanship and Older Americans’ Engagement with Dubious Political News.” *Public Opinion Quarterly*.
- 38† Lee, Messi, Jacob M. Montgomery, and Calvin Lai. 2024. “Large Language Models Portray Socially Subordinate Groups as More Homogeneous, Consistent with a Bias Observed in Humans” *The 2024 ACM Conference on Fairness, Accountability, and Transparency (FAccT)*. <https://dl.acm.org/doi/10.1145/3630106.3658975>
- 37† Lee, Messi, Jacob M. Montgomery, and Calvin Lai. 2024. “America’s Racial Framework of Superiority and Americanness Embedded in Natural Language.” *PNAS Nexus* 3 (1): pgad485. <https://doi.org/10.1093/pnasnexus/pgad485>
- 36† Duck-Mayr, JBrandon and Jacob M. Montgomery. 2023. “Ends Against the Middle: Measuring Latent Traits When Opposites Respond the Same Way for Antithetical Reasons.” *Political Analysis* 31 (4): 606-625. <https://doi:10.1017/pan.2022.33>
– Warren Miller Prize, Best Paper in *Political Analysis*, Society for Political Methodology
- 35† Chen, Yehu, Annamaria Prati, Jacob Montgomery, and Roman Garnett. 2023. “Inferring Time-varying Treatment Effects in Panel Data via Multi-Task Gaussian Processes.” *Proceedings of The 26th International Conference on Artificial Intelligence and Statistics (AISTATS, PMLR 206:4068-4088)*. <https://proceedings.mlr.press/v206/chen23d/chen23d.pdf>
- 34 Berlinski, Nicolas, Margaret Doyle, Andrew M. Guess, Gabrielle Levy, Benjamin Lyons, Jacob Montgomery, Brendan Nyhan, and Jason Reifler. 2023. “The Effects of Unsubstantiated Claims of Voter Fraud on Confidence in Elections.” *Journal*

- of *Experimental Political Science*. 10 (1): 34-49. <https://doi.org/10.1017/XPS.2021.18>
 – Media coverage in [The Atlantic](#), [News 5 Cleveland](#), [ProPublica](#), [The Guardian](#), [CNN](#)
- 33† Ying, Luwei, Jacob M. Montgomery, and Brandon M. Stewart. 2022. “Topics, Concepts, and Measurement: A Crowdsourced Procedure for Validating Topics as Measures.” *Political Analysis* 30 (4): 570 - 589. <https://doi.org/10.1017/pan.2021.33>
- 32† Montgomery, Jacob M. and Min Hee Seo. 2022. “Closeness and Strategic Participation: Does the Closeness of the U.S. Presidential Election Shape Where College Students Register to Vote?” *Journal of Politics* 84 (2), 1250-1255. <https://doi.org/10.1086/716287>
- 31† Chen, Yehu, Roman Garnett, and Jacob M. Montgomery. 2022. “Polls, Context, and Time: A Dynamic Bayesian Forecasting Model for US Senate Elections.” *Political Analysis* 30 (2), 236 - 249. <https://doi.org/10.1017/pan.2021.42>
- 30 Lyons, Benjamin A., Jacob M. Montgomery, Andrew M. Guess, Brendan Nyhan, and Jason Reifler. 2021. “Overconfidence in news judgments is associated with false news susceptibility.” *Proceedings of the National Academies of Sciences* 118 (23) <https://doi.org/10.1073/pnas.2019527118>
 – Media coverage in [The Guardian](#), [Snopes](#), [CNN](#), [New York Daily News](#)
- 29 Muraoka, Taishi, Jacob Montgomery, Christopher Lucas, and Margit Tavits. 2021. “Love and Anger in Global Party Politics: Facebook Reactions to Political Party Posts in 79 Democracies.” *Journal of Quantitative Description: Digital Media* 1: 1-38. <https://doi.org/10.51685/jqd.2021.005>
- 28† Jacob M. Montgomery and Erin L. Rossiter. 2020. “So Many Questions, So Little Time: Adaptive Personality Inventories for Survey Research.” *Journal of Survey Statistics and Methodology* 8 (4): 667-690. <https://doi.org/10.1093/jssam/smz027>
- 27† Duck-Mayr, JBrandon, Roman Garnett, and Jacob M. Montgomery. 2020. “GPIRT: A Gaussian Process Model for Item Response Theory.” *Proceedings of the Thirty-Sixth Conference on Uncertainty in Artificial Intelligence (UAI)*. <https://arxiv.org/pdf/2006.09900.pdf>
- 26 Guess, Andrew, Michael Lerner, Benjamin Lyons, Jacob Montgomery, Brendan Nyhan, Jason Reifler, and Neelanjan Sircar. 2020. “A digital media literacy intervention increases discernment between mainstream and false news in the United States and India.” *Proceedings of the National Academies of Sciences* 117 (27) 15536-15545. <https://doi.org/10.1073/pnas.1920498117>
 – Honorable Mention, Walter Lippmann Best Published Article Award, APSA Section for Political Communication
 – Media coverage in [New York Times](#), [Consumer Reports](#), [KSHB Kansas City](#), [NiemanLab](#)

- 25† Andrew M Guess, Dominique Lockett, Benjamin Lyons, Jacob M Montgomery, Brendan Nyhan, Jason Reifler. 2020. “Fake news may have limited effects beyond increasing beliefs in false claims.” *Harvard Kennedy School Misinformation Review* 1 (1). <https://doi.org/10.37016/mr-2020-004>
- 24† Tucker, Patrick D., Jacob M. Montgomery, and Steven S. Smith. 2019. “Party Identification in the Age of Obama: Evidence on the Sources of Stability and Systematic Change in Party Identification from a Long-Term Panel Survey.” *Political Research Quarterly* 72 (2): 309-328. <https://doi.org/10.1177/1065912918784215>
- 23† Hollenbach, Florian, Jacob M. Montgomery, and Adriana Crespo-Tenorio. 2019. “Bayesian Versus Maximum Likelihood Estimation of Treatment Effects in Bivariate Probit Instrumental Variable Models.” *Political Science Research and Methods* 7 (3): 651-659. <https://doi.org/10.1017/psrm.2018.15>
- 22† Montgomery, Jacob M., and Santiago Olivella. 2018. “Tree-Based Models for Political Science Data.” *American Journal of Political Science* 62 (3): 729-744. <https://doi.org/10.1111/ajps.12361>
- 21† Montgomery, Jacob M., Brendan Nyhan, and Michelle Torres. 2018 “How Conditioning on Post-Treatment variables Can Ruin Your Experiment and What to do About It.” *American Journal of Political Science* 62: (3): 760-775. <https://doi.org/10.1111/ajps.12357>
– Featured in a 2019 virtual issue of twenty highly-cited articles from the journal; most cited article in AJPS published in the last 5 years.
- 20† Butler, Ryden, Brendan Nyhan, Jacob M. Montgomery, and Michelle Torres. 2018. “Revisiting White Backlash: How Race Affects Death Penalty Opinion Today.” *Research and Politics* 5 (1). <https://doi.org/10.1177/2053168017751250>
- 19† Carlson, David and Jacob M. Montgomery. 2017. “A Pairwise Comparison Framework for Fast, Flexible, and Reliable Human Coding of Political Texts.” *American Political Science Review* 111 (4): 835-843. <https://doi.org/10.1017/S0003055417000302>
- 18 Montgomery, Jacob M., and Brendan Nyhan. 2017. “The Effects of Congressional Staff Networks in the U.S. House of Representatives.” *Journal of Politics* 79 (3): 745-761. <https://doi.org/10.1086/690301>
- 17† Hazelton, Morgan, Jacob M. Montgomery, and Brendan Nyhan. 2016. “Does Public Financing Affect Judicial Behavior? Evidence from the North Carolina Supreme Court.” *American Politics Research* 44 (4): 587-617. <https://doi.org/10.1177/20532673X15599839>
- 16 Freeze, Melanie and Jacob M. Montgomery. 2016. “Static Stability and Evolving Constraint: Preference Stability and Ideological Structure in the Mass Public.” *American Politics Research* 44 (3): 415-447. <https://doi.org/10.1177/20532673X15607299>
– Awarded the Hahn-Sigelman prize for the best article published in *American Politics Research* in 2016

- 15[†] Montgomery, Jacob M., Santiago Olivella, Joshua D. Potter, and Brian Crisp. 2015. "An Informed Forensics Approach to Detecting Vote Irregularities." *Political Analysis* 23 (4): 488-505. <https://doi.org/10.1093/pan/mpv023>
- 14 Nyhan, Brendan and Jacob M. Montgomery. 2015. "Connecting the Candidates: Consultant Networks and the Diffusion of Campaign Strategy in American Congressional Elections." *American Journal of Political Science* 49 (2): 292-308. <https://doi.org/10.1111/ajps.12143>
– Awarded the Political Ties Award by the Political Networks Section of APSA
- 13 Montgomery, Jacob M., Florian M. Hollenbach, and Michael D. Ward. 2014. "Calibrating Ensemble Forecasting Models with Sparse Data in the Social Sciences." *International Journal of Forecasting* 31 (3): 930-942. <https://doi.org/10.1016/j.ijforecast.2014.08.001>
- 12 Aldrich, John H., Jacob M. Montgomery, and David Sparks. 2014. "Polarization and Ideology: Partisan Sources of Low Dimensionality in Scaled Roll-Call Analyses." *Political Analysis* 22 (4): 435-456. <https://doi.org/10.1093/pan/mpt048>
- 11 Montgomery, Jacob M. and Josh Cutler. 2013. "Computerized Adaptive Testing for Public Opinion Surveys." *Political Analysis* 21 (2): 141-171. <https://doi.org/10.1093/pan/mps060>
– Included in *Political Analysis* virtual issue "Greatest Hits"
- 10 Montgomery, Jacob M., Florian Hollenbach, and Michael D. Ward. 2012. "Improving Predictions Using Ensemble Bayesian Model Averaging." *Political Analysis* 20 (3): 271-291. <https://doi.org/10.1093/pan/mps002>
– Included in *Political Analysis* virtual issue "Big Data in Political Science"
- 9 Aldrich, John H., Jacob M. Montgomery, and Wendy Wood. 2011. "Turnout as a Habit." *Political Behavior* 33 (4): 535-563. <https://doi.org/10.1007/s11109-010-9148-3>
– Media coverage in [The Hill](#)
- 8 Montgomery, Jacob M. and Brendan Nyhan. 2010. "Bayesian Model Averaging: Theoretical Developments and Practical Applications." *Political Analysis* 18 (2): 245-270. <https://doi.org/10.1093/pan/mpq001>
- 7 Montgomery, Jacob M., Jerry Reiter, Alexandra Cooper, and Shuo Guan. 2008. "Nonresponse Bias on Dimensions of Political Activity Amongst Political Elites." *International Journal of Public Opinion Research* 20 (4): 494-506. <https://doi.org/10.1093/ijpor/edn041>
- 6 Montgomery, Jacob M., Kristie Long Foley, and Mark Wolfson. 2006. "Enforcing the Minimum Drinking Age: State, Local, and Agency Characteristics Associated With Compliance Checks and Cops in Shops Programs." *Addiction* 101 (2): 223-231. <https://doi.org/10.1111/j.1360-0443.2006.01328.x>

[†] indicates article co-authored with a Washington University in St. Louis Ph.D. student.

Edited publications

- 5 Hollenbach, Florian and Jacob M. Montgomery. 2020. “Bayesian Model Selection, Model Comparison, and Model Averaging.” *SAGE Handbook of Research Methods in Political Science and International Relations*. eds. Luigi Curini and Robert Franzese.
- 4 Moore, Ryan T. and Jacob M. Montgomery. 2014. “[Building and Maintaining R Packages with devtools and roxygen2](#)” *The Political Methodologist* 22 (1): 26-31.
- 3 Gomez, Brad T. and Jacob M. Montgomery. 2013. “Why John Aldrich?” *PS: Political Science and Politics* 46 (4): 857-864. <https://doi.org/10.1017/S1049096513001157>
- 2 Montgomery, Jacob M., Florian Hollenbach, and Michael D. Ward. 2013. “Aggregation and Ensembles: Principled Combinations of Data.” *PS: Political Science and Politics* 46 (1): 43-44. <https://doi.org/10.1017/S1049096512001552>
- 1 Montgomery, Jacob M., Florian Hollenbach, and Michael D. Ward. 2012. “Ensemble Predictions of the 2012 US Presidential Election.” *PS: Political Science and Politics* 45 (4): 651-654. <https://doi.org/10.1017/S1049096512000959>

Software

Ying, Luwei, Jacob Montgomery, and Brandon Stewart. `validateIt`. <https://cran.r-project.org/web/packages/validateIt/>

Duck-Mayr, JBrandon and Jacob Montgomery. `bggum`. <https://cran.r-project.org/web/packages/bggum/>

Rossiter, Erin and Jacob M. Montgomery. `catSurv`. <http://cran.r-project.org/web/packages/catSurv/>

Montgomery, Jacob M., Florian Hollenbach, and Michael D. Ward. `EBMAforecast`. <http://cran.r-project.org/web/packages/EBMAforecast/>

ADDITIONAL WORK**Public reports**

“Fake news, Facebook ads, and misperceptions: Assessing information quality in the 2018 U.S. midterm election campaign.” With Andrew Guess, Benjamin Lyons, Brendan Nyhan, and Jason Reifer. Report prepared for the Democracy Fund.

Papers under review

“Towards a Framework for Creating Trustworthy Measures with Supervised Machine Learning.” With Ju Yeon Park.

“GD-GPIRT: A Generalized Dynamic Gaussian Process Model for Item Response Theory with Longitudinal Observations.” With Yehu Chen and Roman Garnett.

“More Distinctively Black and Feminine Faces Lead to Increased Stereotyping in Vision-Language Models.” With Messi Lee and Calvin Lai.

Papers in preparation

“A Gaussian Process Framework for Structured, Flexible, and Interpretable Machine-Learning Models.” With Annamaria Prati, Yehu Chen, Jacob Montgomery, and Roman Garnett.

“Transparency and Commitment in Peer Review Institution.” With Zion Little and Keith Schnakenberg.

“Small-Area Estimation Using Gaussian Process Grouped IRT Regression and Post-Stratification.” With Santiago Olivella, Bryant Moy, and Noah Dasanaik.

GRANTS

External grants

- 2023 Carnegie Foundation. *Proposal Title*: The Role of International Cooperation in Combating the Populist Threat to Democracies. (\$330,000) PI with Christopher Lucas (Co-PI) and Margit Tavits (Co-PI).
- 2022 National Science Foundation, Security and Preparedness. *Proposal Title*: HNDS-R: Populist Rhetoric on Social Media and Its Effects on Democracies. (\$571,005) PI with Christopher Lucas (Co-PI) and Margit Tavits (Co-PI).
- 2020 National Science Foundation, Accountable Institutions and Behavior. *Proposal Title*: DDRIG: When Does Interparty Conversation Harm or Heal Affective Polarization. (\$23,298) Co-PI with Erin Rossiter.
- 2018 Democracy Fund. (\$8,500)
- 2016 National Science Foundation, Methodology, Measurement, and Statistics. *Proposal Title*: Computerized Adaptive Testing for Public Opinion Research (\$291,644)
- 2010 National Science Foundation Dissertation Improvement Grant
Proposal Title: The Causes, Consequences, and Measurement of Perceived Political Control. (\$12,000) Co-PI with John Aldrich.

Internal grants

- 2023 Faculty Research Grant, Murray Weidenbaum Center on the Economy, Government, and Public Policy at Washington University in St. Louis. (\$11,254)
- 2021 Faculty Research Grant, Murray Weidenbaum Center on the Economy, Government, and Public Policy at Washington University in St. Louis. (\$10,000)

2021	Faculty Research Grant, Murray Weidenbaum Center on the Economy, Government, and Public Policy at Washington University in St. Louis. (\$10,000)
2020	Postdoctoral Research Fellowship Grant, Murray Weidenbaum Center on the Economy, Government, and Public Policy at Washington University in St. Louis. (\$118,935)
2020	Faculty Research Grant, Murray Weidenbaum Center on the Economy, Government, and Public Policy at Washington University in St. Louis. (\$3,500)
2018	Faculty Research Grant, Murray Weidenbaum Center on the Economy, Government, and Public Policy at Washington University in St. Louis. (\$5,000)
2017	Faculty Research Grant, Murray Weidenbaum Center on the Economy, Government, and Public Policy at Washington University in St. Louis. (\$10,000)
2014	Faculty Research Grant, Murray Weidenbaum Center on the Economy, Government, and Public Policy at Washington University in St. Louis. (\$30,000)
2013	Faculty Research Grant, Murray Weidenbaum Center on the Economy, Government, and Public Policy at Washington University in St. Louis (\$8,000).
2012	Faculty Research Grant, Murray Weidenbaum Center on the Economy, Government, and Public Policy at Washington University in St. Louis (\$7,500).
2011	Faculty Research Grant, Murray Weidenbaum Center on the Economy, Government, and Public Policy at Washington University in St. Louis (\$5,500).

FELLOWSHIPS AND AWARDS

2024	Miller Prize for best work appearing in <i>Political Analysis</i> the preceding year, Society for Political Methodology
2021	Honorable Mention, APSA Political Communication Section Walter Lippmann Best Published Article Award.
2020	Emerging Scholar Award from the Society for Political Methodology honoring a young researcher, within ten years of their degree, who is making notable contributions to the field of political methodology.
2017	Hahn-Sigelman prize for the best article published in <i>American Politics Research</i>
2015	Political Ties Award for best paper, Political Networks Section of APSA
2010	Robert K. Steel Family Graduate Fellowship
2007–2010	National Science Foundation Graduate Research Fellow
2009	Robert R. Wilson Graduate Fellow in American Politics
2005	Jaffrey Endowed Fellowship
2003	Rotary Ambassadorial Scholar

2002 Jack D. Fler Award for Excellence in Honors in Political Science
1998–2002 Wake Forest University Reynolds Scholar

PUBLIC TALKS AND CONFERENCE PARTICIPATION

Invited talks, small conferences, and workshops

April 2024 Invited Talk, “Does the Closeness of the U.S. Presidential Election Shape Where College Students Register to Vote?” Wake Forest University Department of Political Science.

March 2024 Invited Talk, “Speaking Their Language?: Descriptive Representation of Language Constituencies in Global Democracies.” Ohio State University Department of Political Science.

March 2024 Invited Talk, “Speaking Their Language?: Descriptive Representation of Language Constituencies in Global Democracies.” Vanderbilt University Political Science Methods Workshop.

February 2024 Invited Talk, “Speaking Their Language?: Descriptive Representation of Language Constituencies in Global Democracies.” Emory University Quantitative Theory & Methods Seminar.

Ocotber 2023 Panel Organizer, “Generative AI and Health”, Digital Health and AI Summit, Washington University in St. Louis

February 2021 Invited Talk, “Inferring Concepts from Topics: Towards Procedures for Validating Topics as Measures”, UC Davis Department of Political Science.

October 2019 Invited Talk, “How Conditioning on Post-Treatment variables Can Ruin Your Experiment and What to do About It,” WUSTL Psychological and Brain Sciences Brown Bag.

August 2019 Invited Talk, “Ends Against the Middle: Scaling Votes When Ideological Opposites Behave the Same for Antithetical Reasons,” University of Georgia, Department of Political Science Speaker Series.

May 2019 Invited Talk, “Ends Against the Middle: Scaling Votes When Ideological Opposites Behave the Same for Antithetical Reasons,” Stanford Political Methodology Workshop organized by Justin Grimmer.

March 2019 Invited Talk, “Ends Against the Middle: Scaling Votes When Ideological Opposites Behave the Same for Antithetical Reasons,” MIT Methods Speaker Series organized by Teppei Yamamoto

February 2019 Invited Talk, “Does the Closeness of the U.S. Presidential Election Shape Where College Students Register to Vote?” Koc University (Istanbul)

June 2018 Small conference, “Computerized Adaptive Testing for Public Opinion Research,” The International Total Survey Error Workshop (ITSEW), Workshop on Approaches for Mitigating Total Survey Error (TSE) and Its Effects.

- December 2017 Invited talk, “Computerized Adaptive Testing for Public Opinion Research,” Speaker Series, Texas A&M University.
- November 2017 Invited talk, “Computerized Adaptive Testing for Public Opinion Research,” Speaker Series, University of Illinois.
- April 2016 Invited talk, “Computerized Adaptive Testing for Public Opinion Research,” New York Area Methods Meeting, Organized by Jonathan Nagler, New York University.
- March 2016 Invited talk, “Report on Adaptive Personality Inventories Measuring Need for Cognition and Need to Evaluate,” American National Election Study Advisory Board, Stanford University.
- March 2016 Invited talk, “Computerized Adaptive Testing for Public Opinion Research,” Department of Political Science Methods Speaker Series, Organized by Kosuke Imai, Princeton University.
- February 2016 Invited speaker, “Congressional Staff and the Extended Party Network in the U.S. House of Representatives,” Legislative Studies Virtual Workshop, Organized by Nate Monroe and Jason Roberts, APSA Section on Legislative Studies.
- November 2015 Invited talk, “Funneling the Wisdom of Crowds: The **SentimentIt** Platform for Human Computation Tasks,” Text-as-data Speaker Series, Organized by Arthur Spirling, New York University.
- August 2015 Invited talk, “Moving the Unmoved Mover: Individual-Level Sources of Systematic Change in Party Identification,” Department of Political Science, Duke University.
- May 2015 Invited speaker, “Congressional Staff and the Extended Party Network in the U.S. House of Representatives,” Conference Celebrating the Center for Political Institutions and Public Choice, Organized by David Rohde, Duke University.
- May 2015 Invited talk, “Computerized Adaptive Testing for Public Opinion Research,” Math & Social Sciences (MSS) Program Speaker Series, Organized by Michael Herron, Dartmouth College.
- May 2015 Invited discussant, “Conference on Ideal Point Models,” Organized by Chris Warshaw, Devin Caughey, Bret Hanlon, Stephen Jessee, Alex Tahk, and Teppei Yamamoto, Massachusetts Institute of Technology.
- January 2015 Invited talk, “Computerized Adaptive Testing for Public Opinion Research,” Department of Political Science, University of Chicago, January 2015.
- June 2013 Conference participant, “Does Public Financing Affect Judicial Behavior? Evidence from the North Carolina Supreme Court”, Political Economy and Public Law Conference (PEPL), Organized by Andrew Martin and John Patty, Center for New Institutional Social Science and the Center for Empirical Research in the Law at Washington University Law School.

- April 2012 Invited presenter, “Computerized Adaptive Testing for Public Opinion Research,” St. Louis Area Methods Meeting (SLAMM), Organized by Jeff Gill, Washington University in St. Louis.
- October 2011 Invited presenter, “Connecting the Candidates: Consultant Networks and the Diffusion of Campaign Strategy in American Congressional Elections,” American Politics Conference, Organized by Adam Berinsky, Department of Political Science, Massachusetts Institute of Technology.

Major Conference Presentations

- Annual Meeting of the European Political Science Association (2023)
- Latin American PolMeth (2020, 2022)
- Asian Methods Meeting (2015, 2017)
- Annual Meeting of the American Political Science Association (2010–2012, 2014–2020, 2022–2024)
- Annual Meeting of the Midwest Political Science Association (2007–2016, 2022–2023)
- Paper, Annual Summer Meeting of Society for Political Methodology (2012–2013, 2016, 2019, 2020, 2022, 2024)
- Poster, Annual Summer Meeting of Society for Political Methodology (2007–2009, 2015, 2018)
- Annual Meeting of the American Association for Public Opinion Research (2013, 2019)
- Political Networks Conference (2010, 2016)
- Annual Meeting of the Public Choice Society (2009)
- Annual Meeting of the Southern Political Science Association (2006)

Conference Discussant

- New Directions in Text as Data (2016–2018)
- Annual Summer Meeting of Society for Political Methodology (2015, 2017–2021, 2024)
- Annual Meeting of the American Political Science Association (2014, 2015–2020, 2023–2024)
- Annual Meeting of the Midwest Political Science Association (2012–2016, 2022–2023)

PROFESSIONAL ACTIVITIES

National Service

- Panel Member, National Science Foundation
- Editorial Board, American Political Science Review (2024)
- Editorial Board, American Journal of Political Science (2024)
- Chair, Robert H. Durr Award Committee, Midwest Political Science Association (2023)
- Host/Organizer, Annual Summer Meeting of the Society for Political Methodology (2022)
- Host/Organizer, Saint Louis Area Methods Meeting (2021)
- Member, Program Committee for Annual Summer Meeting, Society of Political Methodology (2019-2022)
- Member, APSA Doctoral Dissertation Improvement Grant Award Committee (2020)
- Chair, Society for Political Methodology Mentoring Award Committee (2018)
- Chair, Hahn-Sigelman prize committee (2018)
- Section Head, Political Networks, American Political Science Association Annual Meeting (2017)
- Co-organizer, 9th Annual Political Networks Workshops & Conference (2015–2016)
- Member, Political Ties Award for Best Published Article Committee, APSA Political Networks Section (2015–2016)
- Co-editor, Website of the Society for Political Methodology (2014–2016)
- Section Head, Political Methodology, American Political Science Association Annual Meeting (2015)

University Service

- Track Chair, Division of Computational Data Sciences Steering Committee (2018-present)
- Danforth Campus IRB Advisory Council (2023-present)
- Internal Advisory Committee, Digital Transformations/Here and Next Strategic Plan (2023-2024)
- Arts & Sciences Research Computing Steering Committee (2023-2024)

Founding Director, Transdisciplinary Institute in Applied Data Science (2022-2024)

Director, The American Social Survey (2020-2022)

External Member, Search Committee, Department of Psychological & Brain Sciences (2021)

Member, Strategic Planning Working Group on the Research Enterprise (2021)

External Member, Data Science for Humanity Search Committee, Department of Computer Science and Engineering (2020-2021)

Member, Digital Transformations Cluster Hiring Committee (2020)

Member, *Ad Hoc* Committee on creation of Division of Computing and Data Science (2017)

Member, Board of Directors, Campus YMCA (Spring 2014–Spring 2019)

Member, University Committee on Course Evaluations (Fall 2013– Fall 2016)

Department Service

Graduate Admissions (2023-present)

IRB Liason (2023-present)

Member, PhD Admissions Committee (2023–present)

Founding Director, Political Data Science Lab (2015-2022)

Founding Director, Political Data Science Lab (2015-2022)

Field Chair, Political Methodology (2019-2023)

Member, Methods Field Committee (Fall 2012–present)

Director of Data Science Training, Department of Political Science (2020-present)

Chair, Department of Political Science Diversity Committee (2020-2021)

Member, Department of Political Science Diversity Committee (2018-2021)

Member, *Ad Hoc* Committee on Graduate Methods Review (2020)

Organizer, Summer Method Short Courses (2014-2020)

Director, Departmental Speaker Series (2016-2019)

Co-organizer, Building Data Science Conference (Spring 2018)

Chair, Search Committee (Fall 2017)

Member, *Ad Hoc* Committee on the Political Science Graduate Program Curriculum (Spring 2016)

Organizer, Conference on Political Data Science, Washington University in St. Louis (2016)

Member, Search Committee (Fall 2012, Fall 2018, Fall 2024)

Departmental Library Liaison (Fall 2011–2016)

Dissertation Committees (chair or co-chair)

Current Yehu Chen (DCDS), Messi Lee (DCDS), Annamaria Prati, Gechun Lin, Cecilia Sui

Past Ryden Butler (Evolve), David Carlson (YouGov), Bryant Moy (NYU), Erin Rossiter (Notre Dame), Dominique Lockett

Dissertation Committees (member)

Current Dahjin Kim

Past Tsung-Han Tsai, Viktoryia Schnose, Adrián Lucardi, Taeyong Park, Emily Moore, Michelle Torres, Constanza F. Schibber, Jae Hee Jung, Miguel Pereira, Patrick Silva, Min Hee Seo, Luwei Ying, Patrick Rickert

Third Year Committees

Soyeon Jeon (Chair), Cecilia Sui (Chair), Annamaria Prati (Chair), Gechun Lin (Chair), Ryan Johnson (Chair), Dominique Lockett (Chair), Erin Rossiter (Chair), Ryden Butler (Chair), Zhaozhi Li (Member), Lucas Boschelli (Member), Dahjin Kim (Member), Ipek Ece Sener (Member), Michelle Torres (Member), David Carlson (Member)

Senior Theses

Jaime Zucker, Eli Scher-Zagier (Antoinette Dames Senior Thesis Award), Sarah Ambrose (Grossman-Alexander Prize)

TEACHING

Washington University in St. Louis

2017-2024 Quantitative Political Methods II (PS 582)

2021-2023 Data Science for Politics (PS 263)

2014, 2016–2018, 2022 Applied Statistical Programming (PS 4625)

2017-2021 Math For Political Science (“Math Camp”)

2021 Digital Politics, Social Media, and Misinformation

2020 Political Data Science

2011-2013, 2016, 2017 Quantitative Political Methodology (PS 363)

2013, 2016 Measurement and Latent Trait Models (PS 539)

2011, 2013 American Political Parties (PS 5225, PS 4505)

2012 Experimental Politics (PS 4025)