

John A. Curiel

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INFORMATION	jcuriel.unc@gmail.com Saint John, Indiana 46373 johnacuriel.org
EMPLOYMENT	YouGov, Survey Research Group , Senior Survey Analyst, New York City, NY 2024 – present Ohio Northern University , Assistant Professor of Political Science, Ada, OH 2021 – 2024 MIT Elections Data and Science Lab , Research Director Cambridge, Massachusetts 2019–2021 UNC-Chapel Hill Dental Public Health , Research Scientist Chapel Hill, North Carolina 2015–2019
EDUCATION	The University of North Carolina , Chapel Hill, North Carolina USA Ph.D, Political Science, August, 2019 Concentration: American Politics and Methods M.A., Political Science, August 2016 Ohio Northern University , Ada, Ohio USA B.A., Political Science and History, May 2014
RESEARCH INTERESTS	Parties, elections, institutions, representation, American political development and theory, political geography, public policy, state and local politics, redistricting, public health, Congress, elite behavior, race and inequality
METHODOLOGICAL SKILLS	Spatial methods, Bayesian Improved Surname and Geocoding (BISG), Time series analysis, Survival modeling, Multilevel modeling, Text analysis, Item Response Theory (IRT), Structural Equation Modeling (SEM), Bootstrapping, Machine Learning, Predictive modeling ¹
TECHNICAL SKILLS	R, Python, Stata, SPSS, SQL, ArcGIS, Qualtrics
PEER REVIEWED PUBLICATIONS	16) Suzelis, Koen, Gabriel Mott, and John A. Curiel. “Automating Identification of Toxic Comments in Student Evaluations of Teaching.” <i>Journal of Academic Ethics</i>

¹See sampling of code at <https://github.com/jcuriel-unc>

- 15) Curiel, John A. and Kevin DeLuca. 2023. “The Power of Characters: Evaluating Machine Learning Modified Bayesian Improved Surname Geocoding Inference of Race in Redistricting.” *State Politics & Policy Quarterly* 24(3): 300-321
- 14) Steelman, Tyler S. and John A. Curiel. 2023. “Where and When to Use Areal Interpolation Matching Relative to Spatial Audits.” *State Politics & Policy Quarterly* 23(2): 218–32
- 13) DeLuca, Kevin and John A. Curiel. 2023. “Validating the Applicability of BISG to Congressional Redistricting.” *Political Analysis* 31(3): 465–71
- 12) Steelman, Tyler S. and John A. Curiel. 2023. “Redistricting out Descriptive Representation: The Harmful Effect of Splitting ZIP Codes on the Constituent-Representative Link.” *Journal of Race, Ethnicity, and Politics* 8(1): 1–19
- 11) Samuel Baltz, Alexander Agadjanian, Declan Chin, **John Curiel**, Kevin DeLuca, James Dunham, Jennifer Miranda, Connor Phillips, Annabel Uhlman, Cameron Wimpy, Marcos Zárate, and Charles Stewart. 2022. “American election results at the precinct level.” *Scientific Data* 9: 651
- 10) Clark, Jesse T., John A. Curiel and Tyler S. Steelman. 2022. “Minmaxing of Bayesian Improved Surname and Geography Level Ups in Predicting Race.” *Political Analysis*, 30(3) 456–62.
- 9) Christensen, Devin, John Lovett, and John A. Curiel. 2022. [“Mainstream Media Recirculation of Trust-Reducing Social Media Messages.”](#) *American Politics Research*, 50(2): 213 – 26.
- 8) Curiel, John A. and Jesse T. Clark. 2021. “Disparities in Poll Closures in the Age of COVID-19: A Case Study of Wisconsin.” *Election Law Journal*, 20(4): 345 – 63.
- 7) Curiel, John A. and Tyler S. Steelman. 2020. “A Response to Tests for Unconstitutional Partisan Gerrymanders in a Post-Gill World in a Post-Rucho World.” *Election Law Journal*, 19(1): 101 – 9.
- 6) Curiel, John A., Anne Sanders and Gary Slade. 2020. “Emulation of Community Water Fluoridation within America.” *Journal of Dental Research – Clinical & Translational Research*, 5(4): 376 – 84.
- 5) Banda, Kevin K., Thomas M. Carsey and John A. Curiel. 2019. “Incumbency status and candidate responsiveness to voters in two-stage elections beginning with a primary.” *Journal of Elections, Public Opinion and Parties*, 1 – 19.

- 4) Curiel, John A., Sophia Lafferty-Hess, Thu-Mai Christensen, Thomas M. Carsey, Gary Slade and Anne Sanders. 2019. "Referendum opposition to fluoridation and health literacy: a cross-sectional analysis conducted in three large US cities." *British Medical Journal*, open 9.
- 3) Curiel, John A. and Tyler Steelman. 2018. "Redistricting out Representation: Democratic Harms in Splitting Zip Codes." *Election Law Journal*, 17(2): 328–53.
– Third place in the Common Cause Gerrymandering competition
- 2) Sanders, Anne E, William B. Grider, William R. Maas, John A. Curiel and Gary D. Slade. 2018. "Water Fluoridation Lessens Income-Inequality in Dental Caries of U.S. Children and Adolescents." *Journal of the American Medical Association Pediatrics* 173.
- 1) Curiel, John A., Anne E. Sanders, Thu-Mai L. Christian, Sophia Lafferty-Hess, Thomas M. Carsey, Lewis N. Lampiris and Gary D. Slade. 2018. "Fluoridation advocacy in referenda where media coverage is balanced, yet biased." *The Journal of the American Dental Association* 149(4): 273–80.

CHAPTERS IN EDITED VOLUMES

Curiel, John A. 2023. "Queuing problems facing election administration post-pandemic." *Pandemic at the Polls*, ed. Dari Tran. Lanham, MD: Lexington Books.

Curiel, John A. and Declan Chin. 2023. "Plotting out Election Administrative Problems from the 2020 Election." *Pandemic at the Polls*, ed. Dari Tran. Lanham, MD: Lexington Books.

UNDER REVIEW

Curiel, John A. "Measuring American Polling Non-response Bias through Census Response Rates."

REPORTS & WHITE PAPERS

Alexander, Robert and John A. Curiel. October 26, 2023. Northern Poll, Ohio November Special Election. <https://www.onu.edu/northern-poll>

Suzelis, Koen, Gabriel Mott and John A. Curiel. August 16, 2023. "Automating Identification of Toxic Comments in Student Evaluations of Teaching." Available at SSRN.

Alexander, Robert and John A. Curiel. July 28, 2023. Northern Poll, Special Ohio Election. <https://www.onu.edu/northern-poll>

Alexander, Robert, John A. Curiel, and Tyler S. Steelman. October 18, 2022. Northern Poll Topline Results. <https://www.onu.edu/northern-poll>

- Github repository:
https://github.com/jcuriel-unc/northern_poll

Curiel, John A., Charles Stewart III, and Jack R. Williams. April, 2021. “The Blue Shift in the 2020 Election.” MIT Elections Data and Science Lab.

Williams, Jack R. and John A. Curiel. March 2020. “Analysis of the Quick Count in the 2019 Bolivia Election.”

- Github repository:
<https://github.com/jw2249a/2019-Bolivian-Elections>

TEACHING EXPERIENCE

Ohio Northern University

Professor

Western Political Thought (Spring 2024)
Introduction to Comparative Politics (Spring 2024)
Congress (Fall 2023)
Summer Undergraduate Research Fellowship (Summer 2023)
Senior Thesis Seminar (Spring 2023 – 2024)
Model United Nations (Spring 2023 – 2024)
State & Local Politics (Fall 2022)
Policy Analysis (Spring 2022,24)
Race & Politics (Spring 2022)
Introduction to American Government (2021 – 2024)
Gender & Politics (2021, 23)
Research Methods (Fall 2021 – 2024)

Massachusetts Institute of Technology

Instructor: Research Methods practicum (Summer 2021)

Instructor Introduction to data cleaning (2019–2021)

University of North Carolina at Chapel Hill

Instructor: State and Local Politics (Spring 2018 – 2019)

Teaching Assistant: Modern Political Thought (Fall 2017)

Teaching Assistant: State and Local Politics (Fall 2015)

Grader: State and Local Politics (Spring 2015).

INVITED TALKS

Curiel, John A. “Fraudulent Studies in Election Fraud within Bolivian Presidential Election Monitoring.” University of Massachusetts Amherst Institute for Social Science Research, September 29, 2023.

Curiel, John A. “Ohio Redistricting with Geographers: New Criteria and Communities of Interest.” American Association of Geographers, September 23, 2021.

Curiel, John A. “Deconstructing the 2020 Election.” Johnson and Wales Policy Lab, December 3, 2020.

Curiel, John A. “Spatially Understanding Election Performance.” GIS Day and San Jose State University, November 18, 2020.

Curiel, John A. “Elections 2020: Are Credible Elections Still Possible?” Johnson and Wales Policy Lab, October 22, 2020.

Curiel, John A. and Tyler S. Steelman. “[Redistricting out Representation: Democratic Harms in Splitting Zip Codes](#)”. Reason, Reform & Redistricting Conference, January 25, 2019.

CONFERENCE PRESENTATIONS

Curiel, John A. “Measuring American Polling Non-response Bias through Census Response Rates.” State Politics and Policy Conference, June 5, 2026

Curiel, John A. “Measuring and incorporating resentment origins of non-response bias in polling data.” Southern Political Science Association, January 10, 2025

Suzelis, Koen, Gabriel Mott, and John A. Curiel. “Automating Identification of Toxic Comments in Student Evaluations of Teaching.” Southern Political Science Association, January 10, 2024

Mott, Gabriel and Koen Suzelis and John A. Curiel. “Policy Options to Eliminate Toxicity in Student Evaluations of Teaching.” Southern Political Science Association, January 10, 2024

Curiel, John A. “Redistricting in illiberalism: A comparative case study of electoral districts in Hungary and the United States.” Danish Political Science Association Conference, October 27, 2022

Curiel, John A. “Causally Identifying Non-Legislative Bodies Fairness on Redistricting Fairness.” American Political Science Association Conference, September 15, 2022

Curiel, John A. and Declan Chin. “Plotting out Election Administrative Problems from the 2020 Election.” Election Science, Research and Administration Conference, July 28, 2022

Steelman, Tyler S., John A. Curiel, and Jesse T. Clark. “A Census of the Pitfalls and Benefits of Bayesian Inference Surname Geocoding Across the United States.” Midwest Political Science Association, April 8, 2022

Curiel, John A. “Financing state party organizations.” American Political Science Association Conference, October 1, 2021

- DeLuca, Kevin and John A. Curiel. "Validating the Applicability of BISG to Congressional Redistricting." Midwest Political Science Conference, April 17, 2021
- Stewart III, Charles, John A. Curiel and Jack R. Williams. "The Blue Shift: A Minute by Minute Examination of Election Returns." Midwest Political Science Conference, April 15, 2021
- Curiel, John A. and John Lovett. "Bullying with the Bully Pulpit: Estimating the Impact of Trump's Twitter Attacks on Inciting Hate." Midwest Political Science Conference, April 14, 2021
- Curiel, John A., Jesse T. Clark and Charles Stewart III. "Geo-Auditing the Impact of COVID-19 on Electoral Participation." Southern Political Science Conference, January 8, 2021
- Curiel, John A. "Carrying Over Constituencies: Campaign Advantages of Former State Legislators in the U.S. House." Southern Political Science Conference, January 10, 2020
- Steelman, Tyler S. and John A. Curiel. "Redistricting Out Descriptive Representation: Geographic Communication Barriers to Descriptive Representation." Southern Political Science Conference, January 11, 2020
- Curiel, John A. and Tyler S. Steelman. "Redistricting out Electioneering: Split ZIP codes and Campaign Obstacles." American Political Science Conference, September 1, 2019
- Curiel, John A. and Tyler S. Steelman. "Barriers to the Constituency-Representative Link across American State Legislatures." State Politics and Policy Conference, May 2019
- Steelman, Tyler S. and John A. Curiel. "Parties as Severance Institutions in Redistricting out Representation." Southern Political Science Conference, Austin, TX, January 18, 2019
- Faricy, Christopher and John A. Curiel. "The death of taxes: a examination of the termination of federal tax expenditures." Southern Political Science Conference, Austin, TX, January 18, 2019
- Lovett, John, Devin Christensen and John A. Curiel. "The Trump Twitter Presidency and Branding the News." Southern Political Science Conference, Austin, TX, January 19, 2019
- Curiel, John A. and Tyler S. Steelman. "Community, Cohesion, and Mail: The Development of Post Offices as Connecting Institutions." University of Texas at Austin Graduate Public Law Conference, October 26, 2018

- Curiel, John A. and Tyler S. Steelman. “Redistricting out Representation by ZIP Codes: Breaking the Constituent-Representative Link.” American Political Science Association Conference, Boston, MA, September 1, 2018
- Curiel, John A., Sophia Lafferty-Hess, Thu-Mai Christensen, Thomas M. Carsey, Gary Slade and Anne Sanders. “Disparities in Opposition to Community Water Fluoridation: The Health Literacy Linkage.” International Association of Dental Research, London, UK, July 26, 2018
- Curiel, John A. and Tyler S. Steelman. “The Practicality of ZIP Code Constrained Redistricting and Election Outcomes.” Political Methodology Conference, Provo, UT, July 19, 2018
- Steelman, Tyler S. and John A. Curiel. “Towards a Better Understanding of ZIP Codes and Political Donations.” Political Methodology Conference, Provo, UT, July 19, 2018
- Lovett, John, Devin Christensen and John A. Curiel. “#MakeTwitter-GreatAgain: The Relationship Between Donald Trump’s Policy Agenda and the Media.” Midwest Political Science Conference, Chicago, IL, April 7, 2018
- Curiel, John A. “Hazards and Obstacles of Redistricting Across U.S. State Legislatures.” Southern Political Science Association Conference, New Orleans, LA, January 4, 2017
- “State Legislative Party Cartels as Gatekeepers to Advancement to the U.S. House of Representatives.” State Politics and Policy Conference, St. Louis, MO, June 1–3, 2017
- Curiel, John A. “Overlapping Ambition: The State Legislator Fight for House Constituencies.” Midwest Political Science Conference, Chicago, IL, April 6, 2017
- Curiel, John A. “A Legislative Tragedy: Failures to Redistrict Within States.” State Politics and Policy Conference poster session, Dallas, Texas May 20, 2016
- Curiel, John A. “Non-Partisan Redistricting?: Inter-branch Bargaining Over Traditional Redistricting Principles.” Southern Political Science Conference San Juan, Puerto Rico January 9, 2016

GRANTS & AWARDS

- 2023 – Ohio Northern Summer Undergraduate Research Fellowship – \$4000
- 2022 – Schmidt Futures Accelerator Grant for BISG Machine Learning – \$7500
- 2018 – Common Cause Gerrymander Writing Competition Third Place \$2000
- 2018 – John William Pope Foundation Fellow \$8000

2017 – John William Pope Foundation Fellow \$5000
 2017 – Uhlman Competitive Summer Funding. \$1650
 2016 – Uhlman Competitive Summer Funding. \$2500
 2016 – Institute of Humane Studies Fellow Freedom Trust Winner. \$5000
 2016 – Institute of Humane Studies Research/Travel Conference Grant. \$400
 2015–Dan Searle Fellow Freedom Trust Winner. \$5000
 2015–Common Cause Gerrymander Standard Writing Competition Honorable Mention
 2014–Howard Penniman Scholarship Winner. \$2000

MEDIA

Mott, Gabriel and John A Curiel. “Ohio legislature ignores SB 83’s skewed impact on educational evaluations.” *Cleveland Plain Dealer* (Op-Ed), December 13, 2023

Alexander, Robert and John A. Curiel. “A tale of two polls. Why are poll results about Ohio Issue 1 so very different? — Experts.” *Columbus Dispatch*, August 2, 2023

Curiel, John A. “Ohio Turns Into a One-party Oligarchy: The Death of Democracy in the Buckeye State”, *The Pulsaski Institute*, July 12, 2022

Curiel, John A. “Who Draws a ‘Fair’ Map?”, *Real Clear Policy*, January 10, 2022

Curiel, John A. “Redistricting Reform Goes Wrong.” *Real Clear Policy*, December 30, 2021

Curiel, John A. “How to Avoid Pitfalls in Detecting Election Fraud.” *Real Clear Politics*, December 5, 2021

Curiel, John A. “Redistricting: Does Shape Matter?.” *Real Clear Policy*, August 20, 2021

Curiel, John A. “It’s Time to Increase the Size of the House of Representatives.” *Real Clear Politics*, July 18, 2021

Curiel, John A. “Underfunded Polling Places Add to Voting Access Concerns.” *Real Clear Politics*, July 16, 2021

Curiel, John A. “Gerrymandering and the Point of No Return.” *Real Clear Politics*, June 20, 2021

Curiel, John A. and Charles Stewart III. “Biden’s win shows that suburbs are the new swing constituency”. *The Washington Post*, “The Monkey Cage Blog,” November 25, 2020

Curiel, John A. and Angelo Dagonel, “Election Administration Challenges and Effects in Wisconsin”. *Lawfare*, September 25, 2020

Curiel, John A. “Concern about Coronavirus and Political Messaging: A First Look”. *MIT Elections Data and Science Lab Blog*, March 5, 2020

Curiel, John A. and Jack R. Williams, “Bolivia dismissed its October elections as fraudulent. Our research found no reason to suspect fraud.” *The Washington Post*, “The Monkey Cage Blog,” February 27, 2020

– Fourth most read TMC article of 2020

Curiel, John A. “Looking for Look-Up Tools: Online voter tools in the 2018 EPT”. *MIT Elections Data and Science Lab Blog*, December 4, 2019

Steelman, Tyler and John A. Curiel, “Here’s one way to end partisan gerrymandering: Don’t break up Zip codes.” *The Washington Post*, “The Monkey Cage Blog,” October 22, 2018

Christensen, Devin and John A. Curiel, “What Trump’s tweets tell us about his TV viewing — and his thinking.” *The Washington Post*, “The Monkey Cage Blog,” April 13, 2017

PROFESSIONAL SERVICE

Discipline

Midwest Political Science Association Conference 2022

1. New Approaches in Measurement panel, *Chair/Discussant*
2. Racial Politics at the State and Local Levels, *Chair/Discussant*
3. Public Engagement: How to be Heard by Policy Makers, *Discussant*,
4. Special session: Publishing: Reviewing Journal Manuscripts, *Chair/Discussant*
5. Special session: Students: Applying to Graduate School, *Discussant*

American Political Science Association Conference 2021

1. Constraints on Election Administration, *Chair/Discussant*

Reviewer: *Journal of Academic Ethics*

Reviewer: *Health Services and Outcomes Research Methodology*

Reviewer: *Journal of Election Administration Research & Practice*

Reviewer: *American Political Science Review*

Reviewer: *Political Analysis*

Reviewer: *American Politics Research*

Reviewer: *Journal of Women, Politics, and Policy*

Reviewer: *Election Law Journal*

Reviewer: *British Medical Journal*, open

Department: Ohio Northern University

Program viability report

School of Social Sciences & Human Interaction Director Hiring Committee

Political Science Assessment lead, 2023

Committee on Curriculum, 2022 – 23

Philosophy, Politics, and Economics Steering Committee

The Washington Center, ONU Faculty liaison, 2022

College Democrats, faculty co-advisor, 2022

Young Democratic-Socialists of America, faculty advisor

Department: MIT

NSF Accelerator Grant: Elections Sciences organizer, 2021

Discussant/Chair: MPSA 2021 Conference within conference

Discussant: SPSA Conference within conference, 2020

Conference organizer for Fall Workshop on Census and Electoral Geospatial Data, 2019

MEMBERSHIPS

AND

ORGANIZATIONS

Election Science, Research and Administration Association

Boston Cambridge Elections Science Working Group

American Political Science Association

Midwest Political Science Association

Southern Political Science Association

State and Local Politics Section of APSA

Political Methodology Section of APSA