

## EDUCATION

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### Harvard University

- **Ph.D. in Government (2024)**
  - *Dissertation*: “Geographic Policy Evaluation in US State and Local Politics”
  - *Substantive*: state / local politics, education policy, political geography, redistricting
  - *Methodological*: causal inference, field experiments, spatial analysis, computation
- **Affiliations:**
  - The Algorithm-Assisted Redistricting Methodology Project, ([ALARM](#))
  - Center for American Political Studies ([CAPS](#))
  - Program in Education Policy & Governance ([PEPG](#), Harvard Kennedy School)
  - Harvard Mellon Urban Initiative Fellow 2023-2024 ([HMUI](#), Harvard Kennedy School)

### Princeton University

- **A.B. in Politics (2018)**
  - *Fields*: American Politics & Quantitative Analysis
  - *Certificates*: Statistics & Machine Learning
- **Streicker Fellow (2017)**: The University of Tokyo

## PUBLISHED RESEARCH

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1. “Evaluating bias and noise induced by the U.S. Census Bureau’s privacy protection methods” with Christopher T. Kenny, Cory McCartan, Shiro Kuriwaki, and Kosuke Imai. [Science Advances](#), Vol. 10, eadl2524 (2024)
  - **Coverage**: [Science Insider](#), [Election Law Blog](#)
2. “Census officials must constructively engage with independent evaluations” with Christopher T. Kenny, Cory McCartan, and Kosuke Imai. [PNAS](#), 121 (11) e2321196121. (2024).
  - Response to [Jarmin et al. \(2023\)](#)
3. “Making Differential Privacy Work for Census Data Users” with Cory McCartan and Kosuke Imai. [Harvard Data Science Review](#), (2023). 5(4).
4. “Widespread partisan gerrymandering mostly cancels nationally, but reduces electoral competition” with Christopher T. Kenny, Cory McCartan, Shiro Kuriwaki, and Kosuke Imai. [PNAS](#), 120 (25) e2217322120. (2023).
  - **Coverage**: [Yale Institution for Social and Policy Studies](#)
5. “Researchers need better access to US Census data” with Cory McCartan and Kosuke Imai. [Science](#) 380, no. 6648 (2023): 902-903.
6. “LocalView, a database of public meetings for the study of local politics and policy-making in the United States” with Soubhik Barari. [Nature: Scientific Data](#) 10, no. 1 (2023): 135.
  - **Project website**: [LocalView.net](#)
  - **Coverage**: [Nature Social & Behavioral Sciences Blog](#).
7. “The Essential Role of Policy Evaluation for the 2020 Census Disclosure Avoidance System” with Christopher T. Kenny, Shiro Kuriwaki, Cory McCartan, Evan T.R. Rosenman, and Kosuke Imai. [Harvard Data Science Review](#), (2023). Special Issue 2.

8. “Simulated redistricting plans for the analysis and evaluation of redistricting in the United States” with Cory McCartan, Christopher T. Kenny, George Garcia III, Kevin Wang, Melissa Wu, Shiro Kuriwaki, and Kosuke Imai. [\*Nature: Scientific Data\*](#) 9, no. 1 (2022): 689.
9. “The Use of Differential Privacy for Census Data and its Impact on Redistricting: The Case of the 2020 U.S. Census” with Christopher T. Kenny, Shiro Kuriwaki, Cory McCartan, Evan T.R. Rosenman, and Kosuke Imai. [\*Science Advances\*](#), Vol. 7, eabk3283 (2021).
  - **Selected Media Coverage:** [Associated Press](#), [The Washington Post](#), [San Francisco Chronicle](#), etc.
  - Originally submitted as a public comment to the US Census Bureau (5/28/2021)
10. “Presidential Patronage and Executive Branch Appointments, 1925–1959” with Jon Rogowski. [\*Presidential Studies Quarterly\*](#) 52, no. 1 (2022): 38-59.

## WORKING PAPERS

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1. “School Desegregation by Redrawing District Boundaries: Evidence from New Jersey.” *Under Review* (2023).
2. “Bridging Gaps? A Randomized Controlled Trial of A Summer Bridge Program for First-Generation/Low-Income Students.” with Rebecca Johnson and Kosuke Imai. *Under Review* (2024).
3. “Responsiveness in Local Politics: An Evaluation from Public Meeting Deliberation in the United States.” with Soubhik Barari. *Under Review*. (2023).
4. “Does Reducing Documentation Burden Broaden Access to Emergency Rental Assistance? Quasi-experimental Evidence from Virginia.” with [OES](#). [Analysis Plan](#)
5. “Using Large-Scale Data to Monitor Conditions in New York City Public Housing.” with Rebecca Johnson and Josh Grossman. with [OES](#). [Project Page](#).

## POLICY REPORTS & OTHER WRITING

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1. [Streamlining income verification to broaden access to rental assistance](#). Office of Evaluation Sciences report.
  - Partnership: US Department of Treasury and Kentucky Housing Corporation.
2. [Reducing documentation burdens to accelerate and broaden access to emergency rental assistance](#). Office of Evaluation Sciences report.
  - Partnership: US Department of Treasury and Virginia Department of Housing and Community Development.
3. [Op-Ed: Three reasons why NJ should cut the ‘county line’ from ballots](#) with Nicholas Stephanopoulos. NJSpotlight News.

## TEACHING EXPERIENCE

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**Gov97: Power and Action in US Local Politics**  
 Harvard University, Spring 2022.  
 Primary Instructor, created course. [Syllabus](#).

**API209: Advanced Quantitative Methods**  
 Harvard Kennedy School, Fall 2022.  
 Teaching Fellow

**Gov1008: Geographic Information Systems (GIS)**

*Harvard University*, Fall 2021.

Teaching Fellow

Software: ArcGIS Pro

**Math Camp: MPA/ID Program**

*Harvard Kennedy School*, Summer 2022.

Primary Instructor, Data Science

**Gov 1539: Politics of the American Presidency**

*Harvard University*, Spring 2021.

Teaching Fellow

**17.20: Introduction to American Politics**

*Massachusetts Institute of Technology*

Teaching Fellow, Spring 2019.

**Fundamentals of Data Science**

*South Amboy High School*, Summer 2021.

Course Head / Instructor

Software: R

**POL 245: Visualizing Data**

*Princeton University*, Summers 2016-2018.

Course Fellow

Software: R

**Senior Thesis Advisor**

*Harvard University*, Fall 2021-present.

1. **Christine Mui**: Ban The Scan: Policy Diffusion and Regulation of Facial Recognition Technology in U.S. Local Governments (2023)
2. **Yao Yu**: Interstate Migration and Local Elections (2023).
3. **Elizabeth Gellert**: Ballots and Bills: Private Grant Funding and Local Election Administration in Massachusetts (2024)

**Quantitative Fellow: Government Department**

*Harvard University*, 2021-present.

Statistical support and advising for graduate and undergraduate students.

**HONORS, GRANTS, AND AWARDS**

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- **Robert Noxon Toppan Prize**, Harvard University Department of Government, for best dissertation on a subject of political science (2024)
- **Fostering Diverse Schools Grant**, US Department of Education. Partnership with Winston-Salem/Forsyth County Schools and Plural Connections Group. Co-investigator \$200,00 (2024-2025)
- **Office of Evaluation Sciences**, General Services Administration (GSA) Interpersonnel Act Agreement (2022-2024)
- **Harvard Mellon Urban Initiative**, Doctoral Fellowship (2023-2024)
- **Derek C Bok Award for Excellence in Graduate Student Teaching of Undergraduates**, Harvard University (2023)
- **Georgetown McCourt Tech & Public Policy (TPP) Grant**. *Using Large-Scale Video, Text, and Legacy/Social Media Data to Understand and Reduce Polarization in Local Governance*. Co-investigator. \$215,000 (2023-24)
- **Harvard Mellon Urban Initiative**, Research Grant (2023)
- **Department of Government MVP All-Star Teaching Award**, Harvard University (2021)
- **Certificate of Distinction in Teaching**, Harvard University (Fall 2020, Spring 2021, Fall 2021, Spring 2022)
- **Center for American Political Studies** Research Grant, Harvard University. Co-Investigator. (2019)
- **Streicker International Fellowship**, Princeton University (2018)

RECENT PRESENTATIONS

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Invited:

- **Northeastern University** Center for Design: 2024
- **Southern Education Foundation** Issues Forum: 2023
- **Dartmouth College** Lectures on Politics and AI: 2023
- **Northeastern University** Plural Connections Group: 2023
- **Harvard University** Gov 97: Drawing Democracies: 2023

Conferences:

- **American Political Science Association:** 2024, 2023
- **Midwest Political Science Association:** 2024
- **American Educational Research Association:** 2024
- **Society for Political Methodology:** 2024, 2023
- **Local Political Economy Conference:** 2024, 2023

GOVERNMENT EXPERIENCE

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<b>Data Scientist</b>	<b>Office of Evaluation Sciences</b>	<b>2022 - Present</b>
<ul style="list-style-type: none"><li>• Member of <a href="#">OES</a>, an interdisciplinary team in the federal government that works to help agencies build and use evidence to improve public policy.</li></ul>		

<b>President / Elected Member</b>	<b>South Amboy Board of Education</b>	<b>2013 - 2018</b>
<ul style="list-style-type: none"><li>• Twice elected member to the South Amboy, NJ Board of Education (on ballot in 2013 &amp; 2016).<ul style="list-style-type: none"><li>○ Elected President during my second term.</li></ul></li><li>• Chaired and / or served on all nine committees of the board, including Education &amp; Curriculum, Budget &amp; Finance, Policy, Athletics, and Negotiations.</li><li>• District accomplishments during my tenure include:<ul style="list-style-type: none"><li>○ Increase in average high school graduation rate of ~10% (2012: 86.8%, 2018: 96.3%).</li><li>○ Decline of chronic absenteeism rate by ~50%: (2012: 14%, 2018: 7.6%).</li><li>○ Successfully negotiated contract with district union, the South Amboy Education Association.</li><li>○ Major capital projects funded via successful referenda, including renovations to elementary school classrooms, flooring, and installing energy efficient lighting.<ul style="list-style-type: none"><li>■ Full-day Pre-K expansion - grant funded (\$488,000).</li></ul></li></ul></li></ul>		

