

**ACADEMIC POSITIONS**

MIT, Research Scientist at the MIT Election Data & Science Lab 2022 —

**EDUCATION**

PhD, Political Science and Scientific Computing, University of Michigan 2022  
 Dissertation: *Computer simulations of elections*  
 Committee: Walter Mebane (chair), Allen Hicken, Iain Osgood, Scott Page

MS, Mathematics, University of Michigan 2021  
*Concentration in numerical analysis and scientific computing*

Graduate Certificate, Complex Systems, University of Michigan 2018

BSc (Hons), Astrophysics and Political Science, University of Toronto Victoria College 2016

**PUBLICATIONS**

Joelle Gross, Samuel Baltz, and Charles Stewart III. “What happens when the president calls you an ‘enemy of the people’? Election officials and public sentiment”. Accepted at the *Election Law Journal*. [\[Read last online draft\]](#)

Samuel Baltz, Alexander Agadjanian, Declan Chin, John Curiel, Kevin DeLuca, James Dunham, Jennifer Miranda, Connor Halloran Phillips, Annabel Uhlman, Cameron Wimpy, Marcos Zárate, and Charles Stewart III (2022). “American election results at the precinct level.” *Nature: Scientific Data*. [doi:10.1038/s41597-022-01745-0](https://doi.org/10.1038/s41597-022-01745-0)

Samuel Baltz, Fabricio Vasselai, and Allen Hicken (2022). “An unexpected consensus among diverse ways to measure democracy”. *Democratization*. [doi:10.1080/13510347.2021.2013822](https://doi.org/10.1080/13510347.2021.2013822)

Samuel Baltz (2022). “Reducing bias in Wikipedia’s coverage of political scientists”. *PS: Political Science & Politics*. [doi:10.1017/S1049096521001207](https://doi.org/10.1017/S1049096521001207)

Allen Hicken, Samuel Baltz, and Fabricio Vasselai (2022). “Political Institutions and Democracy.” In Michael Coppedge, Amanda B. Edgell, Carl Knutsen, and Staffan Lindberg, eds., *Why Democracies Develop and Decline*. Cambridge University Press.

**WORKING PAPERS****Under review**

“Online hostility towards local election officials surged in 2020.” With Joelle Gross, Thessalia Merivaki, Mara Suttman-Lea, and Charles Stewart III. In the manuscript *Pandemic at the polls*, ed. Dari Tran, under contract with Lexington Press. [\[Read online\]](#)

“Simulating electoral system changes and how voters might respond”. [\[Read online\]](#)

“How strategic are most voters? Evidence from simulations”. [\[Read online\]](#)

“The probability of casting a pivotal vote in an Instant Runoff Voting election”. [\[Read online\]](#)

## PUBLIC WRITING

Samuel Baltz, “Wikipedia’s political science coverage is biased. I tried to fix it.” *The Monkey Cage* in *The Washington Post*, 2021 February 24. [\[Original\]](#) [\[Archive\]](#)

## AWARDS

Rackham Predoctoral Fellow	2021 — 2022
Michigan Institute for Computational Discovery and Engineering Fellow	2019 — 2020
Rackham Graduate Student Research Grant	2019

## CONFERENCES AND TALKS

### Conferences

Southern Political Science Association	2023
American Political Science Association (3x)	2019/20/22
Mini-conference on Subnational Election Data	2022
Election Science, Reform, and Administration Conference	2022
Society for Political Methodology (4x)	2019/20/21/22
Conference on Politics and Computational Social Science (4x)	2019/20/21/22
Canadian Political Science Association (2x)	2021/22
Society for Political Methodology, Europe	2021
Swiss Political Science Association	2021
Society for Industrial and Applied Mathematics	2020
Society for Industrial and Applied Mathematics, Great Lakes section	2019
Midwest Political Science Association (3x)	2017/18/19
European Social Simulation Association	2017

### Invited talks

Metric Geometry and Gerrymandering Group seminar, Tufts University	2023
Fundação Getulio Vargas CEPESP (in Portuguese)	2019

Participation types: presentation (15x), poster (9x), discussant (2x), chair (1x)

## TEACHING

### Primary instructor

Math Camp ( <i>For the first year political science PhD cohort</i> )	2020
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### Graduate student instructor

POLSCI 598: Math for Political Scientists ( <i>TA for Iain Osgood, 2x</i> )	2019/20
POLSCI 681: Intermediate Game Theory ( <i>TA for Scott Page</i> )	2019
POLSCI 599: Statistical Methods in Political Research I ( <i>TA for Yuki Shiraito</i> )	2018
POLSCI 993: Graduate Student Mentor ( <i>TA for Lisa Disch</i> )	2018
CSCS 391: Modeling Political Processes ( <i>TA for Scott Page</i> )	2017

### Grader or assistant

POLSCI 699: Statistical Methods in Political Research II ( <i>Grader for Kevin Quinn</i> )	2021
POLSCI 681: Intermediate Game Theory ( <i>Grader for James Morrow</i> )	2020

**SELECTED WORK HISTORY**

Elite Educational Institute, Tutor	<i>2015 — 2016</i>
Catalist, Analytics intern	<i>2014</i>
Greenberg Quinlan Rosner Research, Analytics intern	<i>2013</i>

**PROFESSIONAL SERVICE**

Co-organizer, Complex Systems Advanced Academic Workshop (4x)	<i>2017 — 2021</i>
Co-president, Graduate Association of Political Scientists (elected)	<i>2019 — 2020</i>
Political science graduate admissions committee (nominated by colleagues)	<i>2018 — 2019</i>
Coordinator, UMich political science graduate coffee club	<i>2018 — 2019</i>
Co-founder, Students for the Exploration and Development of Space, Canada	<i>2013 — 2016</i>
Elected to 3 terms as a Director of this Federal Not-for-profit Corporation	