

WORK

Massachusetts Institute of Technology

Research Director of the MIT Election Data and Science Lab

2022 —

EDUCATION

University of Michigan

PhD, Political Science and Scientific Computing

2022

Dissertation: *Computer simulations of elections*

Committee: Walter R. Mebane, Jr. (chair), Allen Hicken, Iain Osgood, Scott E. Page

MS, Mathematics

2021

Concentrations in numerical analysis and scientific computing

Graduate Certificate, Complex Systems

2018

University of Toronto, Victoria College

BSc (Honours), Astrophysics and Political Science majors, Math and History minors

2016

PUBLICATIONS

Political science articles

Accepted. Jack R. Williams, Samuel Baltz, and Charles Stewart III. “[Votes can be confidently bought in some ranked ballot elections, and what to do about it.](#)” *Political Analysis*.

Accepted. Jacob Jaffe, Joseph Loffredo, Samuel Baltz, Alejandro Flores, and Charles Stewart III. “Trust in the Count: Improving Voter Confidence with Post-Election Audits”. *Public Opinion Quarterly*. Won the Best Poster Prize at the 2023 ESRA Conference.

2023. 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](#)”. *Election Law Journal*.

2022. Samuel Baltz *et al.* “[American election results at the precinct level](#)”. *Nature: Scientific Data*.

2022. Samuel Baltz, Fabricio Vasselai, and Allen Hicken. “[An unexpected consensus among diverse ways to measure democracy](#)”. *Democratization*.

2022. Samuel Baltz. “[Reducing bias in Wikipedia’s coverage of political scientists](#)”. *PS: Political Science & Politics*.

Book chapters

2024. Joelle Gross, Samuel Baltz, Thessalia Merivaki, Mara Suttman-Lea, and Charles Stewart III. “[Online hostility towards local election officials surged in 2020](#)”. Ed. Dari Tran. *Pandemic at the polls*, Lexington Press.

2022. Allen Hicken, Samuel Baltz, and Fabricio Vasselai. “[Political institutions and democracy](#)”. Eds. Michael Coppedge *et al.* *Why Democracies Develop and Decline*, Cambridge University Press.

Recreational math

Forthcoming. Samuel Baltz. “[The Clock Game: Phrasing a valid equality from an arbitrary sequence of digits](#)”. *Pi in the Sky* (a recreational math venue refereed by mathematicians).

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](#)]

FELLOWSHIPS AND AFFILIATIONS

Rackham Predoctoral Fellow	2021 — 2022
Fellow, Michigan Institute for Computational Discovery and Engineering	2019 — 2020
Visiting researcher, Universidade de São Paulo & Fundação Getulio Vargas	August 2019

CONFERENCES AND TALKS

Invited talks (me or a coauthor)

Cambridge, MA city commissioners’ meeting	2023
Joint GCC-SCC Managing Mis/Disinformation Working Group Meeting	2023
Why Democracies Develop and Decline conference, University of Notre Dame	2023
Metric Geometry and Gerrymandering Group seminar, Tufts University	2023
CEPESP, Fundação Getulio Vargas, São Paulo, Brazil (I gave this talk in Portuguese)	2019

Conferences

Southern Political Science Association (2x)	2023/24
American Political Science Association (4x)	2019/20/22/23
Election Science, Reform, and Administration Conference (2x)	2022/23
Canadian Political Science Association (3x)	2021/22/23
Midwest Political Science Association (4x)	2017/18/19/23
CLEA Mini-conference on Subnational Election Data	2022
Society for Political Methodology (4x)	2019/20/21/22
Conference on Politics and Computational Social Science (4x)	2019/20/21/22
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
European Social Simulation Association	2017

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 (*TA for Lisa Disch*) 2018
CSCS 391: Modeling Political Processes (*TA for Scott Page*) 2017

Grader or assistant

POLSCI 699: Statistical Methods in Political Research II (*Grader for Kevin Quinn*) 2021
POLSCI 681: Intermediate Game Theory (*Grader for James Morrow*) 2020
POL314: Public Opinion (*R and Stata tutorials for Neil Nevitte's students*) 2015

SELECTED WORK HISTORY

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

PROFESSIONAL SERVICE

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