

WORK

Massachusetts Institute of Technology

Research Director, M.I.T. Election Data and Science Lab

2022 —

EDUCATION

PhD, *Political Science and Scientific Computing*, University of Michigan

2022

MS, *Mathematics*, University of Michigan

2021

Graduate Certificate, *Complex Systems*, University of Michigan

2018

BSc (Honours), *Astrophysics and Political Science*, University of Toronto Victoria College

2016

PUBLICATIONS

Political science articles

Forthcoming. “Trust in the Count: Improving Voter Confidence with Post-Election Audits”.

With Jacob Jaffe, Joseph Loffredo, Alejandro Flores, and Charles Stewart III. Winner, 2023 ESRA conference Best Poster Prize. *Public Opinion Quarterly*.

2024. “**Votes can be confidently bought in some ranked ballot elections, and what to do about it.**” With Jack R. Williams and Charles Stewart III. *Political Analysis*.

2023. “**What happens when the president calls you an ‘enemy of the people’? Election officials and public sentiment**”. With Joelle Gross and Charles Stewart III. *Election Law Journal*.

2022. “**American election results at the precinct level**”. 11 coauthors. *Nature: Scientific Data*.

2022. “**An unexpected consensus among diverse ways to measure democracy**”.

With Fabricio Vassalai and Allen Hicken. *Democratization*.

2022. “**Reducing bias in Wikipedia’s coverage of political scientists**”.

PS: Political Science & Politics.

Book chapters

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

2022. “**Political institutions and democracy**”. With Allen Hicken and Fabricio Vassalai. Eds. Michael Coppedge *et al.* *Why Democracies Develop and Decline*, Cambridge University Press.

Recreational math

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

EDITORIAL SERVICE

Editorial Board member, *Nature: Scientific Data*

2024

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

Open Knowledge Foundation, election data roundtable 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

Election Science, Reform, and Administration Conference (3x) 2022/23/24

Brennan Center for Justice convening 2024

Southern Political Science Association (2x) 2023/24

American Political Science Association (4x) 2019/20/22/23

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 (*For the first year political science PhD cohort*) 2020

Graduate student instructor

POLSCI 598: Math for Political Scientists (*TA for Iain Osgood, 2x*) 2019/20

POLSCI 681: Intermediate Game Theory (*TA for Scott Page*) 2019

POLSCI 599: Statistical Methods in Political Research I (*TA for Yuki Shiraito*) 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 (<i>Grader for Kevin Quinn</i>)	<i>2021</i>
POLSCI 681: Intermediate Game Theory (<i>Grader for James Morrow</i>)	<i>2020</i>
POL314: Public Opinion (<i>R and Stata tutorials for Neil Nevitte's students</i>)	<i>2015</i>

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, UMich 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 student 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	