

Sam Fuller

Department of Political Science, University of California, Davis

469 Kerr Hall | One Shields Avenue | Davis, CA 95616

✉ sjfuller@ucdavis.edu | 🏠 samjfuller.com | 🐦 [@sjfuller](https://twitter.com/sjfuller) | 🎓 Google Scholar

Peer-Reviewed Publications

- [5] Fuller, Sam, Will Horne[‡], James Adams, & Noam Gidron (2022) **Populism and the Affective Partisan Space in Nine European Publics: Evidence from a Cross-National Survey**. *Frontiers in Political Science*. 1–12. <https://doi.org/10.3389/fpos.2022.984238>.
- [4] Fuller, Sam, Sara Kazemian[‡], Carlos Algara[‡], Daniel J. Simmons[‡] (2022) **Assessing the Effectiveness of COVID-19 Vaccine Lotteries: A Cross-State Synthetic Control Methods Approach**. *PLoS One*. 1–12. <https://doi.org/10.1371/journal.pone.0274374>.
★ Research reprinted in U.S. National Library of Medicine Center for Biotechnology Information PubMed Archive .
- [3] Kazemian, Sara[‡], Sam Fuller, & Carlos Algara[‡] (2021) **The Role of Race and Scientific Trust on Support for COVID-19 Social Distancing Measures in the United States**. *PLoS One*. 1–23. <https://doi.org/10.1371/journal.pone.0254127>.
★ Research reprinted in U.S. National Library of Medicine Center for Biotechnology Information PubMed Archive .
- [2] Algara, Carlos[‡], Sam Fuller, Christopher D. Hare, & Sara Kazemian[‡] (2020) **The Interactive Effects of Scientific Knowledge & Gender on COVID-19 Social Distancing Compliance**. *Social Science Quarterly*. 1–10. <https://doi.org/10.1111/ssqu.12894>.
- [1] Algara, Carlos[‡], Sam Fuller, & Christopher D. Hare (2020) **The Conditional Effects of Scientific Knowledge & Gender on Support for COVID-19 Government Containment Policies in a Partisan America**. *Politics & Gender*. 1–10. doi:10.1017/S1743923X20000458.
★ Research accepted for *Politics & Gender* as part of the Cambridge Coronavirus Collection
★ Research featured in *Invited 3Streams Blog Post: 'Does gender explain support for COVID-19 policies?'* (August 26, 2020)
★ Research reprinted as part of the Public Health Emergency COVID-19 Initiative, U.S. National Library of Medicine: National Institutes of Health.

[‡] Denotes graduate student and junior faculty colleague co-author.

Research in Preparation

RESEARCH UNDER REVIEW

- [1] Fuller, Sam & Tzu-Ping Liu[‡] (Manuscript Proposal Presented at 2021 APSA Annual Meeting) “Extending Contrastive Learning to Public Opinion Data: Contrastive Scaling as an Alternative to Bridging”. *May 2023–Submitted to Political Science Research and Methods*.
- [2] Jack T. Rametta[‡] & Fuller, Sam (Manuscript Proposal Presented at 2023 MPSA Annual Meeting) **The balance permutation test: A machine learning replacement for balance tables**. *January 2024–Submitted to PNAS*.
- [3] Fuller, Sam, Nicolás de la Cerda[‡], & Jack T. Rametta[‡] (Manuscript Proposal Presented at 2023 WPSA Annual Meeting) **Affect, Not Ideology: The Psychological Mechanisms of Partisan Information Processing**. *December 2023–Submitted to Political Behavior*.

WORKING PAPERS

- [1] Sam Fuller & Jack T. Rametta[‡] & (Manuscript Proposal Presented at 2023 MPSA Annual Meeting) “Old Dog, New Tricks: A Principled Approach to Machine Learning for Experiments”. *Working Paper*.
- [2] Algara, Carlos[‡] & Sam Fuller (Manuscript Proposal Presented at 2022 MPSA Annual Meeting) “Rational Voting in the Age of Ideological Polarization & Responsible Parties: Examining Presidential Elections from 1972–2020”. *Working Paper*.
- [3] Fuller, Sam (Dissertation Chapter) “See It in 3D: The Underlying Dimensions of Affective Polarization”. *Working Paper*.
- [4] Liu, Tzu-Ping[‡], Sam Fuller, & Gento Kato[‡] (Manuscript Proposal Presented at 2020 PolMeth Annual Meeting) “A Linear Algebraic Approach of Bridging Ideological Spaces”. *Working Paper*.

Research Interests and Expertise

Quantitative: Dimensional scaling & machine learning, general quantitative research methods (design and implementation), survey and experimental designs, causal inference

Substantive: American political behavior, public opinion, and political-psychology, American & Western European affective and ideological polarization

Education

University of California, Davis

Davis, California

PHD IN POLITICAL SCIENCE

2017–

- With focus on Political Methodology, American Politics, and Comparative Politics
- **Committee:** *Christopher Hare, James Adams, Lauren Young, Alexa Bankert*
- **Dissertation:** Opening the Black Box: Applications and Advances in Machine Learning for the Social Sciences.

Berry College

Rome, Georgia

B.S. IN POLITICAL SCIENCE & ECONOMICS

2013–2017

- With focus on comparative politics and econometrics

Grants & Awards

- | | |
|------|---|
| 2023 | Conference Travel Grant (\$400) , Elections, Public Opinion, and Voting Behavior (EPOVB) Conference |
| 2023 | Conference Travel Grant (\$500) , UC Davis Graduate Student Association |
| 2022 | Department Research Award (\$1,500) , UC Davis Department of Political Science |
| 2021 | Conference Travel Grant (\$1,000) , UC Davis Graduate Student Association |
| 2021 | Faculty-Student Summer Collaborative Research Fellowship (\$5,000) , UC Davis Department of Political Science (Collaboration with James Adams) |
| 2021 | Department Travel Grant to the Annual Meeting of the American Political Science Association (\$500) , UC Davis Department of Political Science |
| 2019 | Department Travel Grant to the Annual Meeting of the Midwest Political Science Association (\$500) , UC Davis Department of Political Science |
| 2018 | Department Travel Grant to UCLA's COMPASS Graduate Student Conference (\$500) , UC Davis Department of Political Science |
| 2017 | Fall Graduate Student Fellowship (\$6,000) , UC Davis Department of Political Science |

Research Assistantships

Cooperative Congressional Election Study: University of Georgia Module

CO-INVESTIGATOR

2022–2023

- Survey research collaboration with Dr. Alexa Bankert (Assistant Professor of Political Science, University of Georgia)

Study of Affective Polarization in 10 European Democracies

CO-INVESTIGATOR

2022

- Analysis of survey research with Dr. James Adams (Professor of Political Science, UC Davis)

Policy Institute & Three Revolutions Future Mobility Transportation Research Program

GRADUATE STUDENT RESEARCHER

2018–2023

- Writing, data analysis, and survey & interview research collaboration with Austin L. Brown, Mollie C. D'Agostino, & Caroline Rodier (Institute of Transportation Studies, UC Davis)

Study of Immigration Incarceration on (Mental) Health Outcomes

GRADUATE STUDENT RESEARCHER

2023–Present

- Writing and data analysis collaboration with Caitlin Patler (Department of Sociology, UC Davis, Goldman School of Public Policy UC Berkeley)

Conference Presentations

American Political Science Association

- Annual Meeting, (Section Panel) 2021

Society for Political Methodology (PolMeth)

- Annual Meeting, (Section Panel) 2020

Midwest Political Science Association

- Annual Meeting, (Section Panel) 2019, 2022, 2023

Western Political Science Association

- Annual Meeting, (Section Panel) 2023

Elections, Public Opinion, and Voting Behavior (EPOVB)

- Annual Meeting, (Section Panel) 2023

UCLA COMPASS Graduate Student Conference

- Annual Meeting, (Section Panel) 2018

Applied Computing & Research Skills

Software	R (advanced, including data visualization, data management, causal inference, scaling, & machine learning), Qualtrics
Methodology	Latent variable measurement & scaling, machine learning, causal inference, & experimental design
Presentation	TeX (advanced, including Beamer Presentation, Bibtex, & Poster Presentation), RMarkdown (advanced, including type-setting, code replication/collaboration, & HTML web development)

Department & Professional Service

2019–2021	Student Co-founder & Organizer , Political Science Methods Series with JD Mussel & Christopher Hare. Funded through a \$300 yearly grant from the Graduate Student Association.
2021–22	Mentor , UC Davis Undergraduate Research Training & Mentorship Program (Funded)
2018–2021	Graduate Student Peer Mentor , Department of Political Science, UC Davis
2018–2020	Graduate Student Leadership Committee , Department of Political Science, UC Davis

Teaching Experience

University of Michigan: ICPSR Summer Program

- TA, 4-Week Workshops, *Machine Learning: Applications in Social Science Research* (2019–2023)
- TA, 1-Week Workshops, *Machine Learning: Applications in Social Science Research* (Summer 2020)

University of California, Davis

- TA, Winter Quarter, *Elections and Voting Behavior* (2018)
- TA, Spring Quarter, *The Legislative Process* (2018)
- TA, Spring Quarter, *The Scientific Study of Politics* (2020)

References

Dr. Christopher D. Hare

ASSOCIATE PROFESSOR, DEPARTMENT OF POLITICAL SCIENCE, UNIVERSITY OF CALIFORNIA, DAVIS

- ✉ cdhare@ucdavis.edu

Dr. James F. Adams

PROFESSOR, DEPARTMENT OF POLITICAL SCIENCE, UNIVERSITY OF CALIFORNIA, DAVIS

- ✉ jfadams@ucdavis.edu

Dr. Carlos Algara

ASSISTANT PROFESSOR, DEPARTMENT OF POLITICS & POLICY , CLAREMONT GRADUATE UNIVERSITY

-  carlos.algara@cgu.edu