

# Sam Fuller

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## Peer-Reviewed Publications

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- [5] Fuller, Sam, Will Horne<sup>‡</sup>, 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<sup>‡</sup>, Carlos Algara<sup>‡</sup>, Daniel J. Simmons<sup>‡</sup> (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<sup>‡</sup>, Sam Fuller, & Carlos Algara<sup>‡</sup> (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<sup>‡</sup>, Sam Fuller, Christopher D. Hare, & Sara Kazemian<sup>‡</sup> (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<sup>‡</sup>, 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](https://doi.org/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.

<sup>‡</sup> Denotes graduate student and junior faculty colleague co-author.

## Research in Preparation

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### FORTHCOMING

- [1] Fuller, Sam, Jack T. Rametta<sup>‡</sup>, & Christopher D. Hare (Under advance contract with the Experimental Political Science Cambridge Elements Series) “Advanced Machine Learning for Experiments in the Social Sciences”. *January 2024*.

### RESEARCH UNDER REVIEW

- [1] Jack T. Rametta<sup>‡</sup> & 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*.
- [2] Fuller, Sam, Nicolás de la Cerda<sup>‡</sup> & Jack T. Rametta<sup>‡</sup> (Manuscript Proposal Presented at 2023 WPSA Annual Meeting) **Affect, Not Ideology: The Psychological Mechanisms of Partisan Information Processing**. *December 2023–Submitted to Political Behavior*.
- [3] Fuller, Sam & Tzu-Ping Liu<sup>‡</sup> (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*.

### WORKING PAPERS

- [1] Algara, Carlos<sup>‡</sup> & 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*.
- [2] Fuller, Sam (Dissertation Chapter) “See It in 3D: The Underlying Dimensions of Affective Polarization”. *Working Paper*.

[3] Fuller, Sam, Alexa Bankert, & Tabitha Lamberth<sup>‡</sup> () “Negative Partisanship – Disdain Towards Out-Party Leaders, Out-Party Supporters, or Both?”. *Working Paper*.

[4] Liu, Tzu-Ping<sup>‡</sup> Sam Fuller, & Gento Kato<sup>‡</sup> (Manuscript Proposal Presented at 2020 PolMeth Annual Meeting) “A Linear Algebraic Approach of Bridging Ideological Spaces”. *Working Paper*.

## Research Interests and Expertise

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*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

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### 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

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- 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

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### 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

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### 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

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- 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**  $\LaTeX$  (advanced, including **Beamer** Presentation, Bibtex, & Poster Presentation), **RMarkdown** (advanced, including type-setting, code replication/collaboration, & HTML web development)

## Department & Professional Service

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- 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

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### 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

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### Dr. Christopher D. Hare

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

- [✉ cdhare@ucdavis.edu](mailto:cdhare@ucdavis.edu)

**Dr. James F. Adams**

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

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**Dr. Carlos Algara**

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

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