Zach Warner

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Academic Appointments

Purdue University
> *Assistant Professor of Political Science (Data Science)*, 2021-
> *Core Faculty, Cornerstone Integrated Liberal Arts Program*, 2021-
> *Affiliated Faculty, Advanced Methods at Purdue*, 2021-

Cardiff University
> *Postdoctoral Research Fellow* in the School of Law and Politics, 2018-2021

Education

Ph.D. Political Science, University of Wisconsin–Madison, 2018
Junior Visiting Scholar (predoctoral), Nuffield College, University of Oxford, 2015-2016
M.A. Political Science, University of Wisconsin–Madison, 2013
M.Phil. Development Studies, University of Cambridge, 2011
B.A. International Studies, Johns Hopkins University, 2010

Publications

5. "Affluence and Congruence: Unequal Representation Around the World" (with Noam Lupu). Forthcoming at the *Journal of Politics*. 🅟

4. "Why Are the Affluent Better Represented Around the World?" (with Noam Lupu). Forthcoming at the *European Journal of Political Research*. 🅟

3. "How to Get Better Survey Data More Efficiently" (with Mollie J. Cohen). 2021. *Political Analysis* 29 (2): 121-138. 🅟

2. "A New Measure of Congruence: The Earth Mover's Distance" (with Noam Lupu and Lucía Selios). 2017. *Political Analysis* 25 (1): 95-113. 🅟

1. "Mass-Elite Congruence and Representation in Argentina" (with Noam Lupu). 2017. In *Malaise in Representation in Latin American Countries: Chile, Argentina, Uruguay*, eds. Alfredo Joignant, Mauricio Morales, and Claudio Fuentes. New York: Palgrave Macmillan, pp. 281-302. 🅟

Research in Progress

7. *Divide to Rule: Coalition Bargaining and the Architecture of Government* (book manuscript). In preparation.

6. "Conscription Systems, Political Survival, and Battlefield Deaths" (with Douglas B. Atkinson, Kevin Fahey, and René Lindstädt). Revise and resubmit at the *American Political Science Review*. 🅟

5. "Hidden in Plain Sight? Irregularities on Statutory Forms and Electoral Fraud" (with Christian Arnold, Michelle Brown, and J. Andrew Harris). Revise and resubmit at *Electoral Studies*. 🅟

4. "Conditional Relationships in Dynamic Models." Under review. 🅟

3. "Divide to Rule: Deconcentration and Coalition Bargaining." Under review. 🅟

2. "Perceptions of Uncertainty" (with Michael DeCrescenzo and Benjamin Toff). Two experiments fielded, another experiment in nationally-representative survey to be fielded in 2022.

1. simic: Simulating and Measuring Ideological Congruence. `R` package in beta testing (with Kevin Fahey and René Lindstädt).

Conference Activity

10. Midwest Workshop in Empirical Political Science (MWEPS): 2021

9. American Political Science Association annual meeting: 2016, 2017, 2018, 2019, 2020

8. Society for Political Methodology annual meeting: 2015, 2016, 2017, 2020

7. European Political Science Association annual meeting: 2016, 2020, 2021

6. Images as Data Workshop, Trinity College Dublin: 2020

5. AI UK, Turing Institute: 2020

4. Unequal Representation and Its Underlying Mechanisms Workshop, University of Amsterdam: 2019

3. Political Studies Association Methods Conference: 2016, 2018

2. Society for Institutional and Organizational Economics annual meeting: 2017

1. Nuffield College Graduate Student Conference: 2016

Awards, Grants, & Fellowships

10. Cardiff GCRF Impact Accelerator Award (£4,985), "Detecting Election Regularities with Machine Learning for Visual Data," with Christian Arnold, J. Andrew Harris, and Michelle Brown, in partnership with the National Democratic Institute, 2020

9. ESRC grant (£17,400), "Detecting Election Regularities with Machine Learning for Visual Data," with Christian Arnold, J. Andrew Harris, and Michelle Brown, in partnership with the National Democratic Institute, 2018-

8. University Fellowship, University of Wisconsin–Madison, 2012-2017

7. Summer Initiative Funding, University of Wisconsin–Madison Political Science, 2013, 2014, 2015, 2016, 2017

6. APSA Class & Inequality Section Graduate Travel Grant, 2016

5. Election Research Center Conference Funding, 2016

4. National Science Foundation graduate travel funding, 2015

3. Foreign Language and Area Studies (FLAS) Award, 2013-2014 (declined)

2. Foreign Language and Area Studies (FLAS) Summer Award, 2013

1. Distinction, M.Phil. dissertation, University of Cambridge, 2011

Teaching

Purdue University:

1. Everything is Data (graduate), Fall 2021

Cardiff University:

6. The Power and Politics of Research Methods (undergraduate), *Co-instructor*, 2020

5. Research Methods (graduate), *Invited Lecturer* on causal inference, 2020

4. Research Methods Symposium (graduate), *Invited Lecturer* on causal inference, 2020

3. Data Science (undergraduate), *Chair of the Programme Development Team* and *Co-Developer* of six data science modules/courses, 2018-2020

2. Research Methods Symposium (graduate), *Invited Lecturer* on quantitative methods, 2018

1. Research Methods Symposium (graduate), *Invited Lecturer* on qualitative and digital methods, 2018

University of Wisconsin–Madison:

3. Introduction to American Politics (undergraduate), *Teaching Assistant*, 2013

2. The Politics of Sport (undergraduate), *Grader*, 2013

1. African International Relations (undergraduate), *Teaching Assistant*, 2012

Additional Teaching:

2. Bowdoin College, Africa Since 1880 (undergraduate), *Invited Lecturer* on Nigeria's Mid-West Movement, 2017

1. Vanderbilt University, LaTeXWorkshop (graduate), *Invited Lecturer* on beginning LaTeX, 2017

Professional Service

Cardiff University:

4. Equality, Diversity, and Inclusion (EDI) committee, 2018-2021

3. Athena Swan application subcommittee of the EDI, 2018-2021

2. *Chair*, Data Science Programme Development Team, Cardiff University, 2018-2020

1. National Student Survey strategy team, 2018-2019

University of Wisconsin–Madison:

3. *Coordinator*, Political Economy Colloquium, 2014-2015

2. *Co-Coordinator*, Political Behavior Research Group, 2014-2015

1. *Student Representative*, Computer Services Committee, 2014-2015

Additional Service:

5. Referee for the *British Journal of Political Science*, *Comparative Political Studies*, *Computational Communication Research*, the *European Journal of Political Research*, the *Hague Journal of Diplomacy*, *International Studies Quarterly*, the *Journal of Politics*, *Latin American Politics & Society*, *PLOS One*, *Political Analysis*, *Political Research Quarterly*, *Political Studies Review*, *International Studies Quarterly*, the *Revista Latinoamericana de Opinión Pública*, and *Social Science Research*

4. Member/affiliate of APSA, EPSA, PSA, and the Elections Research Center at the University of Wisconsin–Madison

3. *Member*, Leadership Transition Committee of the APSA Class and Inequality Section, 2020

2. *Chair*, Conference Committee of the APSA Class and Inequality Section, 2017-2018

1. *Web Admin*, African Politics Conference Group, 2013-2014

Consulting

Latin American Public Opinion Project at Vanderbilt University, 2016-2020
HM Prison and Probation Service Wales, 2018
HM Department for International Development (Policy Division, Politics and the State Team), 2009

Other Research Experience

6. University of Wisconsin–Madison, *Project Assistant* to Nils Ringe (European Union, linguistic preferences), 2016

5. University of Wisconsin–Madison, *Project Assistant* to Rikhil Bhavnani (India, mobilization, development), 2013-2016

4. University of Wisconsin–Madison, *Project Assistant* to John Ahlquist (methodology, maximum likelihood), 2014-2015

3. University of Wisconsin–Madison, *Project Assistant* to Noam Lupu (voting behavior, electoral institutions), 2013-2014

2. University of Wisconsin–Madison, *Project Assistant* to Mark Copelovitch (financial crises), 2013-2014

1. Bowdoin College, *Research Assistant* to Olufemi Vaughan (Nigeria, state formation, religious and legal institutions), 2011-2013

Skills

Software: Python, R, Stata, Docker, Bash, Linux, Git, Slurm, SurveyToGo, QGIS, LaTeX
Languages: English (native), Spanish (Intermediate), Japanese (beginner), Yorùbá (beginner)