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### Appointments

<b>Yale University</b>	New Haven, CT
Assistant Professor, Department of Political Science	01/2014 - Present
Assistant Professor (by courtesy), Department of Biostatistics	01/2015 - Present
Resident Faculty Fellow, Institution for Social and Policy Studies	07/2013 - Present
Faculty Affiliate, Center for the Study of American Politics	07/2013 - Present
Faculty Affiliate, Institute for Network Science	06/2014 - Present
Faculty Affiliate, Operations Research Doctoral Program	07/2015 - Present
Lecturer Convertible, Department of Political Science	07/2013 - 12/2013

<b>Columbia University</b>	New York, NY
Predoctoral Staff Associate, Department of Political Science	07/2012 - 06/2013

### Education

<b>Yale University</b>	New Haven, CT
Ph.D. in Political Science, with departmental distinction, received December 2013	
M.A. in Political Science, received May 2013	
M.Phil. in Political Science, received December 2012	

<b>The Cooper Union for the Advancement of Science and Art</b>	New York, NY
B.E. in Mechanical Engineering, <i>summa cum laude</i> , received May 2008	

### Books

Peter M. Aronow and Benjamin T. Miller. *Foundations of Agnostic Statistics*. Under revision.

### Articles

Peter M. Aronow and Molly R. Offer-Westort. Forthcoming. Understanding Ding's Apparent Paradox. *Statistical Science*.

Peter M. Aronow. Forthcoming. Data-adaptive Causal Effects and Superefficiency. *Journal of Causal Inference*.

Peter M. Aronow and Cyrus Samii. 2016. Does Regression Produce Representative Estimates of Causal Effects? *American Journal of Political Science*. 60(1): 250–267.

Elizabeth Levy Paluck, Hana Shepherd and Peter M. Aronow. 2016. Changing Climates of Conflict: A Social Network Experiment in 56 Schools. *Proceedings of the National Academy of Sciences*. 113(3): 566–571.

- Peter M. Aronow and Benjamin T. Miller. 2016. Policy Misperceptions and Support for Gun Control Legislation. *The Lancet* 387(10015): 223.  
 ◦ Featured in editorial, Gun Violence in America: A National Crisis. *The Lancet* 387(10015): 200.
- Jake Bowers, Mark Fredrickson and Peter M. Aronow. 2016. Research Note: A More Powerful Test Statistic for Reasoning about Interference between Units. *Political Analysis*. 24(3): 395–403.
- Martin Cohen, Mary C. McGrath, Peter Aronow and John Zaller. 2016. Ideologically Extreme Candidates in U.S. Presidential Elections, 1948–2012. *Annals of the American Academy of Political and Social Science*. 667(1): 126–142.
- Peter M. Aronow, Lauren Pinson, Molly Offer-Westort and Ana Cristina Perez-Gea. 2016. Information and Access to United Nations Diplomatic Missions: Results from a Randomized Field Experiment. *Applied Economics Letters*. doi: 10.1080/13504851.2016.1213359.
- Fan Zhang and Peter M. Aronow. 2016. “Driving Fatalities on US Presidential Election Days”: A Reanalysis. *BMC Research Notes*. 9: 341.
- Mary C. McGrath, Peter M. Aronow and Vivien Shotwell. 2016. Chocolate Scents and Product Sales: A Randomized Controlled Trial in a Canadian Bookstore and Café. *SpringerPlus*. 5:670.
- Peter M. Aronow, Cyrus Samii and Valentina A. Assenova. 2015. Cluster-Robust Variance Estimation for Dyadic Data. *Political Analysis*. 23(4): 564–577.
- Peter M. Aronow, Alexander Coppock, Forrest W. Crawford and Donald P. Green. 2015. Combining List Experiment and Direct Question Estimates of Sensitive Behavior Prevalence. *Journal of Survey Statistics and Methodology*. 3: 43–66.
- Joel A. Middleton and Peter M. Aronow. 2015. Unbiased Estimation of the Average Treatment Effect in Cluster-Randomized Experiments. *Statistics, Politics and Policy*. 6(1–2): 39–75.
- Joshua L. Kalla and Peter M. Aronow. 2015. Editorial Bias in Crowd-Sourced Political Information. *PLOS ONE*. 10(9): e0136327.
- Peter M. Aronow and Forrest W. Crawford. 2015. Nonparametric Identification for Respondent-Driven Sampling. *Statistics and Probability Letters*. 106: 100–102.
- Peter M. Aronow, Donald P. Green and Donald K.K. Lee. 2014. Sharp Bounds on the Variance in Randomized Experiments. *Annals of Statistics*. 42(3) 850–871.
- Peter M. Aronow, David R. Mayhew and Winston Lin. 2014. A Note on Close Elections and Regression Analysis of the Party Incumbency Advantage. *Statistics, Politics and Policy*. 5(1–2): 1–11.
- Donald P. Green, Brian R. Calfano and Peter M. Aronow. 2014. Field Experimental Designs for the Study of Media Effects. *Political Communication*. 31(1): 168–180.
- Peter M. Aronow and Donald K. K. Lee. 2013. Interval Estimation of Population Means under Unknown but Bounded Probabilities of Sample Selection. *Biometrika*. 100(1): 235–240.

Peter M. Aronow and Joel A. Middleton. 2013. A Class of Unbiased Estimators of the Average Treatment Effect in Randomized Experiments. *Journal of Causal Inference*. 1(1): 135–144.

Peter M. Aronow and Cyrus Samii. 2013. Conservative Variance Estimation for Sampling Designs with Zero Pairwise Inclusion Probabilities. *Survey Methodology*. 39(1): 231–241.

Donald P. Green, Mary C. McGrath and Peter M. Aronow. 2013. Field Experiments and the Study of Voter Turnout. *Journal of Elections, Public Opinion and Parties*. 23(1): 27–48.

Peter M. Aronow and Donald P. Green. 2013. Sharp Bounds for Average Complier Potential Outcomes in Experiments with Noncompliance and Incomplete Reporting. *Statistics and Probability Letters*. 83(3): 677–679.

Peter M. Aronow and Allison Carnegie. 2013. Beyond LATE: Estimation of the Average Treatment Effect with an Instrumental Variable. *Political Analysis*. 21(4): 492–506.

◦ To be reprinted in *Advances in Political Methodology*, Ed. Robert J. Franzese Jr. Elgar Research Collections.

Peter M. Aronow. 2012. A General Method for Detecting Interference Between Units in Randomized Experiments. *Sociological Methods and Research* 41(1): 3–16.

Cyrus Samii and Peter M. Aronow. 2012. On Equivalencies Between Design-Based and Regression-Based Variance Estimators for Randomized Experiments. *Statistics and Probability Letters*. 82(2): 365–370.

Donald P. Green, Peter M. Aronow, Daniel E. Bergan, Pamela Greene, Celia Paris and Beth I. Weinberger. 2011. Does Knowledge of Constitutional Principles Increase Support for Civil Liberties? Results from a Randomized Field Experiment. *Journal of Politics* 73(2): 463–476.

### Essays and Technical Reports

David Broockman, Joshua Kalla and Peter M. Aronow. 2015. Irregularities in LaCour (2014). Posted at [http://web.stanford.edu/~dbroock/broockman\\_kalla\\_aronow\\_lg\\_irregularities.pdf](http://web.stanford.edu/~dbroock/broockman_kalla_aronow_lg_irregularities.pdf).

Will Portman, Peter M. Aronow and Allison Carnegie. 2014. Adaptively Deploying and Evaluating Aid: An Integrated Approach.

◦ Winner of the 2014 *Next Horizons Essay Contest*, held by the Global Development Network and the Bill and Melinda Gates Foundation.

### Under Review

Peter M. Aronow and Cyrus Samii. Estimating Average Causal Effects under Interference between Units, with Application to Social Network Experiments. Under revision.

Peter M. Aronow, Forrest W. Crawford and Jose R. Zubizarreta. Confidence Intervals for Means under Constrained Dependence. Under revision.

Jonathon Baron, Lauren Pinson and Peter M. Aronow. A Note on Dropping Experimental Subjects who Fail a Manipulation Check. Under revision.

Forrest W. Crawford, Peter M. Aronow, Li Zeng and Jianghong Li. Identification of Homophily and Preferential Recruitment in Respondent-driven Sampling.

Brian R. Calfano, Peter M. Aronow and Donald P. Green. Assessing the Efficacy of Public Service Announcements: Results from Three Radio-based Field Experiments.

### Statistical Software

Peter M. Aronow and Cyrus Samii. `ri`: R Package for Performing Randomization-Based Inference for Experiments. R package. Version 0.9. Available on CRAN.

Peter M. Aronow, Dean Eckles and Kyle Peyton. `icsw`: Inverse Compliance Score Weighting. R package. Version 0.9. Available on CRAN.

### Grants

J-PAL North America Grant: Reducing Teen Births among Latinas: A Pilot RCT to Test the Effectiveness of Radio Messages (\$50,000, co-PI with Donald P. Green, awarded in 2015).

### Invited Presentations

University of Wisconsin-Madison Statistics Seminar (2016, *upcoming*).

Causal Inference with Highly Dependent Data in Communicable Diseases Research Workshop (Harvard, 2016).

University of Washington Biostatistics Seminar (2016).

UC Berkeley Sekhon Group Meeting (2016).

UC Berkeley Biostatistics Seminar (2015, 2016).

Berkeley Initiative for Transparency in the Social Sciences Annual Meeting (2015).

West Coast Experiments Conference (UC Davis 2015).

Kurt Lewin Institute Thematic Workshop (Leiden 2015).

MIT Political Methodology Seminar (2015).

Yale Statistics Seminar (2014).

Yale School of Public Health Biostatistics Seminar (2014).

Columbia American Politics Workshop (2014).

Harvard Applied Statistics Workshop (2013).

Atlantic Causal Inference Conference (Johns Hopkins 2012; Harvard 2013).

Columbia Political Science Methods Workshop (2013).

University of Chicago Program on International Political Economy and Security (2013).

Johns Hopkins School of Public Health Causal Inference Seminar (2012).

The Tools of International Pressure (Yale 2012).

### Teaching Experience

Statistics. Graduate seminar. Fall 2013, Fall 2014.

Quantitative Methods. Graduate seminar. Spring 2014, Spring 2015.

Advanced Quantitative Methods. Graduate seminar. Fall 2011 (as TF).

Political Economy of Foreign Aid. Undergraduate seminar. Spring 2014, Spring 2015.

Parties, Elections and Policy Making. Undergraduate lecture. Spring 2012 (as TF).

Directed readings with graduate students in political psychology, the European Union, machine learning, mixed-methods research design, experimental design, democratic peace theory, network analysis, semiparametric inference, and causal inference. Spring 2014, Fall 2014, Spring 2015, Fall 2016, Spring 2016.

### Awards, Honors and Fellowships

Yale Junior Faculty Fellowship	2015-2016
Leamer-Rosenthal Prize for Open Social Science, Emerging Researcher	2015
GDN Next Horizons Essay Contest Winner	2014
Yale University Fellowship	2009-2013
Falk Fellowship	2011-2013
Alma Fuhrman Corlett Gainfort Fellowship	2010-2011
Yale Institution for Social and Policy Studies Fellowship	2009-2011
The Cooper Union Full Tuition Merit Scholarship	2002-2008
The Dale Harris Prize for Best Essay in an Art History Course	2007
Tau Beta Pi (The Engineering Honor Society) Chapter Scholarship	2005

### Advisory

Benjamin Miller (Yale GSAS, Ph. D. Candidate in Political Science, Dissertation Committee).  
 Jonathon Baron (Yale GSAS, Ph. D. Candidate in Political Science, Dissertation Committee).  
 Tiara Willie (YSPH, Ph. D. Candidate in Chronic Disease Epidemiology, Dissertation Committee).  
 Alex Bazazi (YSPH, Ph. D. in Epidemiology of Microbial Diseases, Dissertation Committee and Qualifying Exam Committee).  
 Drew Dimmery (NYU, Ph. D. in Politics, Dissertation External Reader).  
 Fan Zhang (YSPH, M.P.H. in Biostatistics, Masters Thesis Advisor, Recipient of the 2015 Dean's Prize for Outstanding Thesis).  
 Xiaoxuan Cai (YSPH, M.S./Ph.D. in Biostatistics, Masters Thesis Advisor and Doctoral Applied Area Committee Member).  
 Will Portman (YC, Senior Essay Advisor in Political Science).  
 Catherine Padhi (YC, Senior Essay Advisor in Political Science).

### Service

Associate Editor: *Journal of Causal Inference* (2015-present). *Statistics, Politics and Policy* (2013-2016).

Member: Evidence in Governance and Politics (2013-present).

Reviewer: *American Journal of Epidemiology*, *American Journal of Political Science*, *American Political Science Review*, *Biometrika*, *Econometrica*, *Epidemiology*, IFAU, *Journal of the American Statistical Association* (Applications & Case Studies; Theory & Methods), *Journal of Causal Inference*, *Journal of Experimental Political Science*, *Journal of Peace Research*, *Journal of Politics*, *Journal of the Royal Statistical Society* (Series A; Series B), National Science Foundation (Methodology, Measurement and Statistics), *Journal of Retailing and Consumer Services*, *Journal of Survey Statistics and Methodology*, *PLOS ONE*, *Proceedings of the National Academy of Sciences*, *Political Analysis*, *Political Behavior*, *Political Science Research and Methods*, *Review of Economic Studies*, *Scandinavian Journal of Statistics*, *Statistics and Probability Letters*, *Statistics in Medicine*, *Survey Methodology*.

Conference Organization: EGAP 18 (Co-host, Yale University, 2016). “Theory of Agnostic Statistics: A Discussion” (Host, Yale University, 2016).

Departmental Service: Organizer, MacMillan Center-CSAP Workshop on Quantitative Research Methods (Fall 2013, Spring 2014, Fall 2014, Spring 2015). Chair, Quantitative Methods General Exam Committee (August 2014, January 2015, August 2016). Member, Graduate Admissions Committee (2014-2015). Member, Open Rank Methodology Search Committee (2015-2016). Member, Junior American Institutions and Behavior Search Committee (2016-2017).