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Appointments

Yale University

Lecturer Convertible (tenure track), Department of Political Science
Resident Faculty Fellow, Institution for Social and Policy Studies

New York, NY
07/2013 - Present
07/2013 - Present

Columbia University

Predocctoral Staff Associate, Department of Political Science

New York, NY
07/2012 - 06/2013

Education

Yale University

Ph.D. in Political Science, expected December 2013
M.A. in Political Science, May 2013
M.Phil. in Political Science, December 2012

New Haven, CT

The Cooper Union for the Advancement of Science and Art

B.E. in Mechanical Engineering, *summa cum laude*, received May 2008

New York, NY

Peer-Reviewed Publications

10. Peter M. Aronow and Allison Carnegie. In press. Beyond LATE: Estimation of the Average Treatment Effect with an Instrumental Variable. *Political Analysis*.
9. Donald P. Green, Brian R. Calfano and Peter M. Aronow. In press. Field Experimental Designs for the Study of Media Effects. *Political Communication*.
8. 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.
7. 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.
6. Peter M. Aronow and Cyrus Samii. 2013. Conservative Variance Estimation for Sampling Designs with Zero Pairwise Inclusion Probabilities. *Survey Methodology*. 39(1): 231–241.
5. 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.
4. 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.
3. Peter M. Aronow. 2012. A General Method for Detecting Interference Between Units in Randomized Experiments. *Sociological Methods and Research* 41(1): 3–16.

2. 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.

1. 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.

Under Review

Peter M. Aronow, Allison Carnegie and Nikolay Marinov. The Effects of Foreign Aid on Rights and Governance: Evidence from a Natural Experiment. Revise and resubmit at *International Organization*.

Donald P. Green, Peter M. Aronow and Mary C. McGrath. Making Sense of 200+ Experiments on Voter Mobilization, Part I: Direct Mail. Revise and resubmit at the Campbell Collaboration.

Peter M. Aronow and Cyrus Samii. Estimating Average Causal Effects under Interference between Units.

Peter M. Aronow, Donald P. Green and Donald K.K. Lee. Sharp Bounds on the Variance in Randomized Experiments.

Joel A. Middleton and Peter M. Aronow. Unbiased Estimation of the Average Treatment Effect in Cluster-Randomized Experiments.

Peter M. Aronow, Donald P. Green and Allison Carnegie. Bivariate Probit Maximum Likelihood Estimation for Randomized Experiments with One-sided Noncompliance.

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 and Dean Eckles. `cscore`: Estimating and Using Compliance Scores. R package. Available upon request.

Presentations

Topic: Sharp Bounds on the Variance in Randomized Experiments.
Atlantic Causal Inference Conference. 2013. Panel. Invited.

Topic: Estimating Average Causal Effects Under General Interference.
Johns Hopkins School of Public Health Causal Inference Seminar. 2012. Invited.
Annual Meeting of the Society for Political Methodology. 2012. Paper. Funded.
Atlantic Causal Inference Conference. 2012. Panel. Invited.
Midwest Political Science Association Annual Meeting. 2012. Panel.
NYU-CESS Experimental Political Science Workshop. 2012. Plenary. Funded.
Workshop on Information in Networks. 2011. Parallel session.
Yale Field Experiments Seminar. 9/23/2011.

Topic: Identification and Estimation of Average Causal Effects in Matched-pair Studies with Variable Treatment Intensity.
Annual Meeting of the Society for Political Methodology. 2012. Poster. Funded.

Topic: The Effects of Foreign Aid and Loans on Rights and Governance.
University of Chicago Program on International Political Economy and Security. 2/1/2013. Invited.
Annual Meeting of the Society for Political Methodology. 2012. Poster. Funded.
The Tools of International Pressure. Yale University. 6/2/2012. Panel. Invited.
Yale MacMillan International Relations Seminar. 3/21/2012.

Topic: Beyond LATE: Estimation of the Average Treatment Effect with an Instrumental Variable.
Annual Meeting of the Society for Political Methodology. 2011. Poster. Funded.
Midwest Political Science Association Annual Meeting. 2011. Panel.
Yale American Politics and Public Policy Workshop. 11/17/2010.

Topic: Causal Inference without Ignorability: Identification of Treatment Effects with Missing Treatment Data and Nonrandom Assignment.
Annual Meeting of the Society for Political Methodology. 2011. Poster. Funded.

Topic: Causal Inference with Energy Statistics.
Yale Field Experiments Seminar. 4/15/2011.

Topic: Unbiased Estimation of the Average Treatment Effect in Cluster-Randomized Experiments.
Midwest Political Science Association Annual Meeting. 2011. Panel.
Yale Field Experiments Seminar. 2/11/2011.

Topic: A General Method for Detecting Interference between Units in Randomized Experiments.
American Political Science Association Annual Meeting. 2010. Panel.
Annual Meeting of the Society for Political Methodology. 2010. Poster. Funded.
Yale Field Experiments Seminar. 1/22/2010.

Teaching Experience

Yale University	New Haven, CT
PL226: Parties, Elections, and Policy Making (as TF for David Mayhew)	01/2012 - 06/2012
PL504: Advanced Quantitative Methods (as TF for Jungho Roh)	09/2011 - 12/2011

The Cooper Union for the Advancement of Science and Art	New York, NY
Summer Research Internship Program (as TF for Perry Grossman)	06/2005 - 07/2005

Research Experience

Columbia University	New York, NY
Research Assistant, Department of Political Science (PI: Donald Green)	07/2011 - 06/2012

Saint Francis Hospital and Medical Center	Hartford, CT
Grant Statistician, Hoffman Heart & Vascular Institute (PI: Richard Soucier)	11/2011 - Present

Yale University	New Haven, CT
Research Assistant, Institution for Social and Policy Studies (PI: Donald Green)	06/2009 - 06/2011

New York University
Visiting Student, Department of Politics

New York, NY
09/2010 - 12/2010

The Cooper Union for the Advancement of Science and Art
Researcher, Department of Humanities and Social Sciences (PI: Anne Griffin)

New York, NY
06/2008 - 06/2009

Ithaca Harbors, Inc.
Research Intern, Ithaca Research Group

New York, NY
01/2005 - 07/2005

Awards, Honors and Fellowships

Yale University Fellowship	2009-2014
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)	
NY Iota Chapter Scholarship	2005
Pi Tau Sigma (International Mechanical Engineering Honor Society)	
Vice President of Pi Phi Chapter	2004-2005

Reviewer Service

Journal of the Royal Statistical Society (Series A & B), Political Analysis, Political Behavior.