

D. Alex Hughes

Curriculum Vitae

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Current Appointment

2016–present **Post Doctoral Researcher**, *University of California, Berkeley*.
Department of Data Science, School of Information.

Education

2011–2016 **Ph.D.**, *University of California, San Diego*.
2009–2011 **M.A.**, *University of California, San Diego*.
2004–2008 **B.A., B.A.**, *University of Michigan, Ann Arbor*.
B.A. in Political Science; B.A in Economics.

Research Agenda

I research how group identity shapes political access and how social connections shape political behavior. In my current project, I examine how voters' group identity shapes electoral services they receive, specifically access to the ballot on Election Day. I find that minority status inhibits access, and that this effect is more pronounced in areas that voted for the Republican candidate in the 2016 election.

Publications

- 2017 [The Impact of GOTV Depends Upon Campaign Context: A Field Experiment in the 2014 California Primary](#). With Justin Levitt, Seth Hill, and Thad Kousser. *California Journal of Politics and Policy* 9(2).
- 2017 (IF: 2.6) [Exploiting Social Influence to Magnify Population-Level Behavior Change in Maternal and Child Health: Study Protocol for a Randomized Controlled Trial of Network Targeting Algorithms in Rural Honduras](#). With Holly Shakya, Derek K. Stafford, Thomas Keegan, Rennie Negron, Jai Broome, Mark McKnight, Liza Nicoll, Jennifer Nelson, Emma Iriarte, Maria Ordonez, Edo Airoldi, James H. Fowler, Nicholas A. Christakis. *BMJ Open* 2017:7.
- 2016 (1.4) [Prevalence and correlates of depression in a high emigration town in Oaxaca, Mexico: Findings from a binational student research training program](#). With Meredith C. Meacham, Micah Gell-Redman, María Luisa Zúñiga. *Annals of Global Health* 82(3): 542.
- 2016 (2.3) [Intimate partner violence norms cluster within households: an observational social network study in rural Honduras](#). With Holly Shakya, Derek K. Stafford, Nicholas A. Christakis, James H. Fowler, Jay G. Silverman. *BMC Public Health* 16:233, 2016.
- 2015 (39.2) [Social network targeting to maximise population behaviour change: a cluster randomised controlled trial](#). With David A. Kim, Allison R. Hwang, Derek K. Stafford, James O'Malley, James H. Fowler, and Nicholas A. Christakis. *The Lancet*, 2015.
- 2014 (9.8) [The Role of Self Interest in Elite Bargaining](#). With Brad L. Leveck, James H. Fowler, Emilie M. Hafner-Burton, David G. Victor. *Proceedings of the National Academies of Sciences*, 111(52): 18536-18541.
- 2014 [One Step in and One Step Out: The Lived Experience of Immigrant Participants in the Deferred Action for Childhood Arrivals \(DACA\) Program](#). With Hillary S. Kosnack, Wayne Cornelius, Tom K. Wong, Micah Gell-Redman. Center for Comparative Immigration Studies, La Jolla, CA.

- 2013 [The Cognitive Revolution and the Political Psychology of Elite Decision Making](#). With
(3.0) Emilie M. Hafner-Burton, & David G. Victor. *Perspectives on Politics* 11(2):368-386, June
2013.

Published Software

- 2015 *Trellis* Tablet based social network measurement software. With Nicholas A. Christakis,
James H. Fowler, Derek K. Stafford, & Mark McKnight.
- 2010 *Netriks* Software to measure real-world social networks in developing contexts. Utilized
in studies in Honduras, Uganda, Mexico & Ghana. With Bret Abel and Derek K.
Stafford.

In Process

- Revise & Resubmit Phenotypic Prejudice in Mexican Migrants: Evidence from a Random Household Survey.
With Micah Gell-Redman, and Rosario Aguilar Pariente.
- Under Review Continuing Evidence of Discrimination Among Local Election Officials. With Micah
Gell-Redman, Charles Crabtree, Natarajan Krishnaswami, Guillermo Monge, & Diana
Rodenberger. *Nominated for MPSA Lucius Barker award*.
- Working Papers Social Networks and Social Information Cause Coordination and Turnout to Politics.
With Derek K. Stafford.
- Close Ties Cause Increases in Public Goods Provision. With Derek K. Stafford.
- Direct Contact Types and Voter Mobilization in the 2016 General Election. With Micah
Gell-Redman, and Michael Rivera.
- Are Republican Sheriffs Tougher on Crime? Evidence from a Regression Discontinuity
Design. With Charles Crabtree, and Micah Gell-Redman.
- Estimating Causal Quantities about Tone in Audit Experiments. With Micah Gell-
Redman.
- Estimating the Effects of Local Election Official Co-Ethnicity on Response to Minority
Citizens. With Charles Crabtree, and Micah Gell-Redman.
- Producing Live Global Event Data with from Streaming Twitter. With Zachary Steinert-
Threlkeld
- Climate Change and Local Electoral Turnover. With Nick Obradovich.

Teaching Honors

- 2017 & 2016 *Distinguished Faculty Award*. Awarded to one outstanding I School faculty member per
graduating class, who was heavily involved in the academic life of students, demon-
strated leadership, and provided superior academic or professional guidance and advice.
Forty faculty are eligible.

Select Grants

- 2017 Impact Evaluation for "Communities Building Peace Together." USAID.
- 2017 "International Workshop on Statistical Genetic Methods for Complex Human Traits."
- 2017 "Exploring the relationship between online synchronous interaction and learning out-
comes," UC Berkeley & 2U. \$25,000.
- 2016 "Sanford Lakoff Fellowship", UC San Diego. \$2,500.
- 2013 "Social Influence in Networks to Magnify Population-Level MNCH Behavior Change."
With Nicholas A. Christakis, James H. Fowler, Holly Shakya, & Derek K. Stafford. The
Bill & Melinda Gates Foundation. \$4,233,430.
- 2012 "Utilizing Networks for Dramatic Health Change." With Nicholas A. Christakis, James
H. Fowler, Holly Shakya, & Derek K. Stafford. The *Bill & Melinda Gates Foundation*.
\$250,000.

- 2011 "Rural Ghanaian Political Behavior." With Nick Obradovich. *AFRN, Scripps Institution of Oceanography* and the *Waitt Institute*. \$12,000.
- 2008 "Social Networks and Undergraduate Health Outcomes." *The Altarum Institue*. \$5,000.

Graduate Instruction

Instructor of Record

- 2015–present *Design and Analysis of Field Experiments*. Masters course on causal inference and design based inference.
- Fall 2014 *Research and Methodology*. PhD course OLS regression, probability, and linear algebra.
- 2014, 2013, 2012 *Math Bootcamp* PhD course on calculus, linear algebra, sets, and probability.

Lab Instructor

- 2013, 2012 *Research and Methodology*. Graduate level introduction to OLS regression, probability, and linear algebra.
- 2014, 2013 *Intermediate Political Methodology*. Graduate level maximum likelihood estimation. Dichotomous DVs, MLE, hierarchical models, bootstrapping methods, non-parametric regression.

Undergraduate Instruction

Instructor of Record

- 2013–2014 *Mexican Migration Field Research Program*. Intensive seminar on research design, survey and questionnaire item design, introductory statistics. Capstone project is 1-month field data collection in Oaxaca, MX. Lecturer, mentor, and co-organizer.
- 2012 *Honors Research Seminar*. Research seminar for advanced undergraduates. Lecturer, mentor, and co-organizer.

Teaching Fellow

- 2011, 2010 *Stats for Political Science Undergraduates*. Introduce concepts of theory building, hypotheses and inference.
- 2012, 2011 *Introduction to American Political Institutions*, for Gary Jacobson.
- 2010 *Program Design and Evaluation*.

Service to the Department & Discipline

- 2012–Present *Reviewer*. *American Journal of Political Science*, *Journal of Politics*, *Political Research Quarterly*, *Perspectives on Politics*, *Climactic Change*, *Political Psychology*, *Nature Climate Change*, *Journal of Social and Political Psychology*, *Research and Politics*
- 2010–Present *Member* *American Political Science Association*, *Society for Political Networks*, *Society for Political Methodology*
- 2014 *APSA Political Networks Section*, *Leadership Committee: Conference Fellowship Awards Committee*.
- 2014 *Graduate Admissions Committee*. University of California, San Diego.

Professional Experience

- 2016– *External Expert* for USAID DRG-LER Impact Evaluation
- 2015 *Research Assistance* for Seth J. Hill and Thad Kousser. Responsible for design, and analysis, and authoring in a project using 20M record California Voter File database and a layered randomized-placebo-controlled trial.
- 2014 *Research Assistance* for Wayne Cornelius and the *Mexican Migration Field Research Program*. Analysis, coding and authoring of funding reports, journal articles, and book.
- 2013 *Research Assistance* for Zoltan Hajnal and Barbara F. Walter. Analysis verification.

- 2010–2016 *Research Assistance* for James H. Fowler.
- 2010–present *Research Scholar* responsible for primary data collection through mTurk & Qualtrics, analysis, and writing. Laboratory on International Law and Regulation, UC San Diego.
- 2010–Present *Board of Directors*. Union Microfinanza. Lempira, Honduras.

Invited Talks

- 2015 *New Faces in Political Methodology*. *Penn State Quantitative Social Science Initiative*. Quantitative Approaches to Public Health. UC San Diego.
- 2013 *Procedures for Network Identification in Rural Settings*, with Derek K. Stafford. *The Christakis Lab, Harvard University, Cambridge MA*.

Proceedings

- 2017 *Continuing Evidence of Discrimination Among Local Elections Officials* HNG, NYU-CESS, *Annual Meeting of the Midwest Political Science Association, State Politics and Policy Conference, American Political Science Annual Meeting*
- 2016 *The Impact of GOTV Depends on Campaign Context* *Annual Meeting of the Midwest Political Science Association, State Politics and Policy Conference*
Political Mobilization and Social Distance *Political Networks, HNG*
- 2015 *An Experiment on Social Distance & Clientelism: Evidence from a Field Experiment in Honduras (Dissertation Chapter)*. *Annual Meeting of the Western Political Science Association & Annual Meeting of the Midwest Political Science Association*.
- 2014 *The role of Self Interest in Elite Bargaining*. *Annual Meeting of the American Political Science Association; Annual Meeting of the Midwest Political Science Association*.
An Experiment on Social Distance & Clientelism: Evidence from a Field Experiment in Honduras (Dissertation Chapter). *Political Networks Conference*.
Phenotypic Prejudice in Mexican Migrants: Evidence from a Random Household Survey. *Annual Conference of the Midwest Political Science Association; PRIEC, Eugene, OR*
Humans Persistently Underestimate the Benefits of Coordinating in Smaller Groups. *International Studies Association, Toronto*.
- 2013 *Uncovering Social Structure*. *Networks in Political Science (Indiana University); Human Nature Group*.
- 2012 *Public Goods, Collective Action, and Hierarchy*, with Derek K. Stafford. *Annual Meeting of the American Political Science Association, (Stormed out!); Midwest Political Science Conference, Chicago*.
Walk this Way, Mobilization and Turnout in a Rural Laboratory, with Derek K. Stafford. *Midwest Political Science Conference, Chicago*.
- 2011 *The Behavioral Psychology of Elite Decision Making: Implications for Political Science*, with Emile Hafner-Burton and David Victor. *UCLA Burke Center for International Relations, Los Angeles*.
- 2010 *A Picture is Worth 1,000 Words: Photographic Identification in Rural Networks and an Introduction to Netricks*, with Derek K. Stafford & Bret Abel. *Networks in Political Science (Duke University)*.
Network Measurement Error and Boundary Specification. *The Human Nature Group, University of California, San Diego, March*.

References

- Chair [James H. Fowler](#), UC San Diego, Political Science
 Committee [Thad Kousser](#), UC San Diego, Political Science
[Scott Desposato](#), UC San Diego, Political Science
[Seth Hill](#), UC San Diego, Political Science

[Jim Andreoni](#), UC San Diego, Economics

Additional [David Reiley](#), UC Berkeley School of Information

References [Anno Saxenian](#), Dean, UC Berkeley School of Information

[Holly Shakya](#), UC San Diego Global Public Health

[Karen Ferree](#), UC San Diego, Political Science

[Steph Haggard](#), UC San Diego, Global Politics and Strategy

Updated September 16, 2017.