Jonathan N. Katz

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Education

Ph.D.   University of California, San Diego. Political Science, June 1995.

M.A.   University of California, San Diego. Political Science, June 1992.

S.B.   Massachusetts Institute of Technology. Applied Mathematics
           June 1990.

Academic Appointments

Kay Sugahara Professor of Social Sciences and Statistics, California Institute of
      Technology,
      January 2012 – Present.

Professor of Social Sciences and Statistics, California Institute of Technology,
      June 2009 – December 2011.

Professor of Political Science, California Institute of Technology,
      November 2003 – May 2009.

Gastprofessur in der Rechts-, Wirtschafts- und Verwaltungswissenschaftlichen Sektion,
      Universität Konstanz,
      April 2003 – July 2003.

Associate Professor of Political Science, California Institute of Technology,
      April 1998 – August 1998 and July 2000 – October 2003.

Assistant Professor of Political Science, University of Chicago,
      September 1998 – June 2000.

Assistant Professor of Political Science, California Institute of Technology,
      July 1995 – March 1998.

Post-Doctoral Fellow in Positive Political Economy, Harvard University,
      July 1994 – June 1995.

Administrative Appointments

Chair, Division of the Humanities and Social Sciences,
California Institute of Technology
August 2007 – June 2014.

Director, Ronald and Maxine Linde Institute of Economic and Management Sciences,
California Institute of Technology
January 2013 – March 2014.

Executive Officer for the Social Sciences, California Institute of Technology,
January 2007 – July 2007.

Director of Graduate Studies, Division of the Humanities and Social Sciences, California
Institute of Technology,
July 2001 – December 2006.

Honors and Awards

Elected Fellow of the American Academy of Arts and Sciences, 2011.

Elected Inaugural Fellow of the Society for Political Methodology, 2008.

Center for the Advanced Study in the Behavioral Sciences Fellowship, 2005–2006.

John M. Olin Foundation Faculty Fellow, 1999–2000.

Pi Sigma Alpha award for Best Paper Presented at the 1998 Midwest Political Science
Association Meetings.

CQ Press Award for Best Paper in Legislative Politics Presented at the 1996 Annual
Meeting of the American Political Science Association.

National Science Foundation Graduate Research Fellow, 1991–1994.

Brooke/Cole Award for Best Graduate Student Paper Presented at the 1993 Midwest
Political Science Association Meetings.

University of California Regents Fellow, 1990–1991.

Publications

Books

Elbridge Gerry's Salamander: The Electoral Consequences of the Reapportionment Revolution. (with G. Cox). New York: Cambridge University Press. 2002.

Articles in Refereed Journals

Government Partisanship, Labor Organization and Macroeconomic Performance: A Corrigendum (with N. Beck, R.M. Alvarez, G. Garrett, and P. Lange). *American Political Science Review.* 87(4):945–949. 1993.

What To Do (and Not To Do) with Times-Series–Cross-Section Data in Comparative Politics (with N. Beck). *American Political Science Review.* 89(3):634–647. 1995.

Careerism, Committee Assignments and the Electoral Connection (with B. Sala). *American Political Science Review.* 90(1):21–33. 1996.

Why Did the Incumbency Advantage in U.S. House Elections Grow? (with G. Cox). *American Journal of Political Science.* 40(2):478–497. 1996.

Nuisance vs. Substance: Specifying and Estimating Time-Series–Cross-Section Models (with N. Beck). *Political Analysis.* 6:1–36. 1996.

Taking Time Seriously: Time-Series–Cross-Section Analysis with a Binary Dependent Variable (with N. Beck and R. Tucker). *American Journal of Political Science.* 42(4):1260–1288. 1998.

A Statistical Model for Multiparty Electoral Data (with G. King). *American Political Science Review.* 93(1):15–32. 1999.

The Reapportionment Revolution and Bias in U.S. Congressional Elections (with G.Cox). *American Journal of Political Science.* 43(3):812-840. 1999.

Post-stratification without population level information on the post-stratifying variable, with application to political polling (with C. Reilly and A. Gelman). *Journal of the American Statistical Association.* 96(453):1–11. 2001.

Throwing Out the Baby With the Bath Water: A Comment on Green, Yoon and Kim (with N. Beck). *International Organization.* 55(2):487–498. 2001.

A Fast, Easy, and Efficient Estimator for Multiparty Electoral Data (with J. Honaker and G. King). *Political Analysis.* 10(1):84–100. 2002.

The Mathematics and Statistics of Voting Power (with A. Gelman and F. Tuerlinckx). *Statistical Science.* 17(4): 420–435. 2002.

Standard Voting Power Indexes Don't Work: An Empirical Analysis (with A. Gelman and J. Bafumi). *British Journal of Political Science.* 34: 657–674. 2004.

Indecision Theory: Quality of Information and Voting Behavior (with P. Ghirardato). *Journal of Public Economic Theory.* 8(3): 379–399. 2006

Comment on 'What To Do (and Not To Do) with Times-Series–Cross-Section Data in Comparative Politics' (with N. Beck). *American Political Science Review.* 100(1):676–677.

Gerrymandering Roll-Calls in Congress, 1879-2000 (with G.W. Cox). *American Journal of Political Science.* 51(1):108-119. 2007.

Random Coefficient Models for Time-Series-Cross-Section Data: Monte Carlo Experiments (with N. Beck). *Political Analysis.* 15(2):182–195. 2007.

Comment on 'Estimating incumbency advantage and its variation, as an example of a before-after study'. *Journal of the American Statistical Association.* 103(482):446–448. 2008.

Correcting for Survey Misreports using Auxiliary Information with an Application to Estimating Turnout (with G. Katz). *American Journal of Political Science.* 54(3):815–835. 2010.

An Empirical Bayes Approach to Estimating Ordinal Treatment Effects (with R.M. Alvarez and D. Bailey). *Political Analysis.* 19(1):20–31. 2011.

Implementing Panel Corrected Standard Errors in R: The pcse Package (with D. Bailey). *Journal of Statistical Software.* 42(1):1–11. 2011.

Modeling Dynamics in Time-Series-Cross-Section Political Economy Data (with N. Beck). *Annual Review of Political Science.* 14:331–352. 2011.

Estimating Partisan Bias of the Electoral College Under Proposed Changes in Elector Apportionment (with A.C. Thomas, A. Gelman, and G. King). *Statistics, Politics and Policy.* 0:1–13. 2012.

Of Nickell Bias and Its Cures: Comment on Gaibulloev, Sandler and Su (with N. Beck and U. Mignozzetti). *Political Analysis.* 22:274–278. 2014.

An Audit of Political Behavior Research (with J. Robison, R.T. Stevenson, J.N. Druckman, S. Jackman, L. Vavreck). *SAGE Open.* 2018:1–14. 2018.

Constitutions of Exception: The Constitutional Foundations of the Interruption of Executive and Legislative Function (with M. McCubbins). *Journal of Institutional and Theoretical Economics.* 174(1):77–98. 2018.

How to Evaluate Measures of Partisan Fairness for Legislative Redistricting (with G. King and E. Rosenblatt). *American Political Science Review.* Available in First View at `https://doi.org/10.1017/S000305541900056X`

Other Articles

Empirically Evaluating the Electoral College (with A. Gelman and G. King) in A. Crigler, et al (editors), *Rethinking the Vote: The Politics and Prospects of American Election Reform.* New York: Oxford University Press. 2004.

Detecting Electoral Fraud: The Case of 2002 General Election in Georgia (with R.M. Alvarez) in R.M. Alvarez, T.E. Hall, and S.D. Hyde (editors), *Election Fraud: Detecting and Deterring Electoral Manipulation.* Washington, DC: Brookings. 2008.

Fraud or Failure? What Incident Reports Reveal about Election Anomalies and Irregularities (with D.R. Kiewiet, T.E. Hall, R.M.Alvarez)in R.M. Alvarez, T.E. Hall, and S.D. Hyde (editors), *Election Fraud: Detecting and Deterring Electoral Manipulation.* Washington, DC: Brookings. 2008.

Machines Versus Humans: The Counting and Recounting of Pre-scored Punchcard Ballots (with R.M. Alvarez, E.K. Hartman, and S. Hill) in R.M. Alvarez, L. Atkeson, and T.E. Hall (editors), *Confirming Elections: Creating Confidence and Integrity through Election Auditing.* Palgrave Macmillan. 2012.

What's Age Got to Do with It? Supreme Court Appointees and the Long Run Location of the Supreme Court Median Justice (with M. Spitzer). *Arizona State Law Journal.* 46(1):41 – 88. 2014.

Work in Progress and Conference Papers

Hidden Donors: Analyzing the Censoring Problem in U.S. Federal Campaign Finance Data (with R.M. Alvarez and S. Kim). Submitted.

The Post-Earnings Announcement Drift: An Anomalous Anomaly (with M. McCubbins and J. McMullin). Submitted.

Estimating Models of Elections for Small Legislatures An Analysis of Incumbency Advantage in the U.S. Senate (with S. Kim)

Measuring Democracy and the Rule of Law via Statistical Learning (with M. McCubbins and J. Lehner)

Estimating the Effect of Corporate Governance (with M. McCubbins and J. McMullin)

Auctioning off the Agenda: Bargaining in Legislatures with Endogenous Scheduling Control (with J. Copic). Caltech Social Science Working Paper No. 1266.

The Effect of Voter Identification Laws on Turnout (with R.M. Alvarez and D. Bailey). Caltech Social Science Working Paper No. 1267R.

Scheduling Auctions and Proto-Parties in Legislatures (with J. Copic). Caltech Social Science Working Paper No. 1387 Under review.

Grants

The Ronald and Maxine Linde Institute of Economic and Management Sciences at Caltech, Principal investigator, Project title: "Estimating The Effect of Corporate Governance on Firm Value", 2016–2017

John Randolph Haynes and Dora Haynes Foundation Faculty Fellowship, 2005–2006.

National Science Foundation Grant (SES-0213549), Co-Principal investigator, Project title: "Modeling Issues with Time-Series–Cross-Section Data", 2002–2004.

DAAD (German Academic Exchange Service) *Learn German in Germany* fellowship, Summer, 1998.

National Science Foundation Grant (SBR-9729899), Co-Principal investigator, Project title: "Strategic Redistricting and Its Political Consequences", 1998–1999.

IBM University Equipment Grants Program, Co-principal investigator. Project title: "Individuals and Aggregates: New Computational Techniques for Testing Models of Politics", 1996–1997.

John Randolph Haynes and Dora Haynes Foundation Faculty Fellowship, 1996–1997.

Editorial Board Service

Deputy Editor for Social Sciences, *Science Advances*
    March 2018 – Present.

Co-Editor, *Political Analysis*
    January 2010 – December 2017.

Member, Editorial Board of *Electoral Studies*
    January 2002 – Present.

Guest Manuscript Editor, *Proceedings of the National Academy of Sciences*,
    January 2014.

Member, Editorial Board of *American Journal of Political Science*,
    January 2006 – January 2010.

Member, Editorial Board of *Political Analysis*
    July 2001 – December 2009.

Member, Editorial Board of *Political Research Quarterly*
    June 2000 – July 2006.

Other Professional Activities

Member, Advisory Board of Daegu Gyeongbuk Institute of Science and Technology
    (Republic of Korea),
    August 2012 – Present.

Member, University Advisory Council of the Pohang University of Science and
    Technology (Republic of Korea),
    October 2008 – October 2012.

Founding Co-editor, Political Science Network (PSN),
    January 2007 – June 2016.

Member, Caltech/MIT Voting Technology Project,
    October 2003 – Present.

Member, Expert Panel on Measles Mortality Estimates, World Health Organization,
    2004.

Other Employment

Principal, Katz Statistical Consulting, Inc.,
    January 2000 – Present.

Co-Founder and Chief Data Scientist, Adaptivo Inc,
    June 2017 – December 2018.

Scientific Advisor, Global Consequences Inc.,
    October 2014 – January 2016.

Statistical Advisor, Dispute Resolution Data, LLC.,
    August 2015 – September 2016.