

Curriculum Vitae¹

Gary King

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1 Contact Information

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2 Education

Ph.D., Political Science, University of Wisconsin, Madison, 1984.

M.A., Political Science, University of Wisconsin, Madison, 1981.

B.A., *Summa Cum Laude*; Highest Honors in Political Science; State University of New York at New Paltz, 1980.

3 Positions

David Florence Professor of Government, Harvard University, 2002 to the present.

Professor of Government, Department of Government, Harvard University, 1990 to 2002.

John L. Loeb Associate Professor of the Social Sciences, Department of Government, Harvard University, 1989.

Associate Professor, Department of Government, Harvard University, 1987 to 1989.

Visiting Assistant Professor, Department of Political Science, University of Wisconsin, Madison, Summer 1985.

Assistant Professor, Department of Politics, New York University, September, 1984 to 1987.

¹This CV, including links to preprints and reprints of all articles and software can be found at <http://GKing.Harvard.Edu>

4 Honors and Awards

New Hot Paper, for the most-cited paper in Economics and Business in the last two months among papers published in the last year, for “Misunderstandings among Experimentalists and Observationalists about Causal Inference” by Kosuke Imai, Gary King, and Elizabeth A. Stuart, named by Thomson Reuters’ ScienceWatch, 2009.

Elected Fellow, American Statistical Association, 2009.

2009 Miller-Converse Lecturer, Center for Political Studies, Institute for Social Research, University of Michigan.

Warren Miller Prize for the best article published in *Political Analysis*, for “Matching as Nonparametric Preprocessing for Reducing Model Dependence in Parametric Causal Inference” by Daniel E. Ho, Kosuke Imai, Gary King, and Elizabeth Stuart, awarded by the Society for Political Methodology and Oxford University Press in 2008.

Elected Fellow, Society for Political Methodology, 2008.

Fast Breaking Paper, for the article with the largest percentage increase in citations among those in the top 1% of total citations across the social sciences in the last two years, for “Matching as Nonparametric Preprocessing for Reducing Model Dependence in Parametric Causal Inference” by Daniel E. Ho, Kosuke Imai, Gary King, and Elizabeth Stuart, named by Thomson Reuters’ ScienceWatch, 2008.

APSA (ITP Section) Best Instructional Political Science Website Award, for the Dataverse Network Project, by Gary King, Merce Crosas, and the Dataverse Network team, 2008.

Elected to the Nominating Committee for the American Association for the Advancement of Science, Section on Social, Economic, and Political Sciences, 2/20-2007–2/22/2010.

Named in 2006 to ISIHighlyCited.com’s list of the most highly cited researchers in the social sciences, Thomson Reuters.

The McGraw-Hill Award for the best journal article on law and courts written by a political scientist and published during the previous calendar year for “The Supreme Court During Crisis: How War Affects only Non-War Cases” by Lee Epstein, Daniel E. Ho, Gary King, and Jeffrey A. Segal, 2006.

Law and Society Association Prize, Runner up, to “recognize exceptional scholarship in the field of sociolegal studies for an article published in the previous two years,” for “The Supreme Court During Crisis: How War Affects only Non-War Cases” by Lee Epstein, Daniel E. Ho, Gary King, and Jeffrey A. Segal, 2006.

Best Instructional Innovation in the Social Sciences or Social History, Honorable Mention, 2005 ICPSR Prize, for “Publication, Publication,” by Gary King.

Pi Sigma Alpha Award, for the best paper delivered at the previous year’s MWPSA Conference, for “The Supreme Court During Crisis: How War Affects only Non-War Cases” by Lee Epstein, Daniel E. Ho, Gary King, and Jeffrey A. Segal, 2005.

Robert H. Durr Award, for “the best paper applying quantitative methods to a substantive problem” at the previous year’s MWPSA Conference, for “The Supreme Court During

Crisis: How War Affects only Non-War Cases” by Lee Epstein, Daniel E. Ho, Gary King, and Jeffrey A. Segal, 2005.

APSA Research Software Award, for The Virtual Data Center, by Micah Altman, Gary King, and Sidney Verba, <http://TheData.org>, 2005.

American Judicature Society Award, Honorable Mention, for the best paper presented at the previous year’s meetings of the American, Midwest, Northeastern, Southern, Southwest, or Western Political Science Associations, for “The Supreme Court During Crisis: How War Affects only Non-War Cases” by Lee Epstein, Daniel E. Ho, Gary King, and Jeffrey A. Segal, 2005.

Elected Fellow, American Association for the Advancement of Science, 2004, “for distinguished and innovative development and application of statistical methods that have resolved fundamental questions in political science and international relations”.

Elected Fellow, American Academy of Political and Social Science, 2004.

Elected Vice President, American Political Science Association, for 2003–2004.

Listed in *American Political Scientists: A Dictionary* (2002), giving the “consensus group of 193 political scientists who have made the most important theoretical contributions” to the discipline “from its beginnings in the late-19th century to the present”.

ISI Emerging Research Front Article, for authoring an article cited more often in the fields of Psychiatry and Psychology than any other, October, 2002 (for Gary King, James Honaker, Anne Joseph, and Kenneth Scheve’s “Analyzing Incomplete Political Science Data: An Alternative Algorithm for Multiple Imputation,” *American Political Science Review*), Thomson Reuters’ ScienceWatch.

Clifford C. Clogg Memorial Lecturer in Sociology and Statistics, Pennsylvania State University, 2002.

Vision Distinguished Lecturer, Florida State University, 2001.

Outstanding Statistical Application Award, for the outstanding application of statistics in any substantive field, for “Not Asked and Not Answered: Multiple Imputation for Multiple Surveys,” with Andrew Gelman and Chuanhai Liu, from the American Statistical Association, 2000.

The Gosnell Prize, for the best work in political methodology presented at any political science conference in the preceding year, for “Improving Quantitative Studies of International Conflict: A Conjecture,” with Nathaniel Beck and Langche Zeng, 1999.

The Okidata Best Research Software Award, for “Clarify: Software for Interpreting and Presenting Statistical Results,” with Michael Tomz and Jason Wittenberg, 1999, from the American Political Science Association.

The Okidata Best Research Web Site Award, for the Record of American Democracy project (see <http://data.fas.harvard.edu/ROAD/>) and the Harvard-MIT Data Center (see <http://data.fas.harvard.edu>), 1999, from the American Political Science Association.

Elected Fellow, American Academy of Arts and Sciences, 1998.

Pi Sigma Alpha Award for the best paper (“A Statistical Model for Multiparty Electoral Data” with Jonathan Katz) at the previous year’s meetings of the Midwest Political Science Association, 1998.

The Donald Campbell Award for the “outstanding methodological innovator in public policy studies,” from the Policy Studies Organization, 1997.

The Gosnell Prize, for the best work in political methodology presented at any political science conference in the preceding year, for the work published as *A Solution to the Ecological Inference Problem: Reconstructing Individual Behavior from Aggregate Data* (Princeton University Press, 1997).

Elected President, Society for Political Methodology, 1997–1999.

Alumnus of the Year, State University of New York at New Paltz Alumni Association, 1997.

The APSA Research Software Award for “EzI: A(n Easy) Program for Ecological Inference” (with Kenneth Benoit) from the American Political Science Association, Computer Section, 1997.

State University of New York Alumni Honor Roll (an award created to honor alumni who demonstrate outstanding professional achievement and significant contributions to higher education and/or public service), from the Chancellor of the State University of New York, 1997.

The Heinz Eulau Award, for the best article published in the *American Political Science Review*, from the American Political Science Association, for “Enhancing Democracy Through Legislative Redistricting,” (with Andrew Gelman) Vol. 88, No. 3 (September, 1994): Pp. 541–559.

Guggenheim Fellow, John Simon Guggenheim Memorial Foundation, 1994–1995.

Elected Vice President, Society for Political Methodology, 1995–1997.

Visiting Fellow, Nuffield College, Oxford University, Summer, 1994.

The APSA Research Software Award for “COUNT: A Program for Estimating Event Count and Duration Regressions,” from the American Political Science Association, Computer Section, 1994.

The Mills Award, for the “outstanding contributor in the field of public policy under age 35,” from the Policy Studies Organization, 1993.

Pi Sigma Alpha Award for the best paper (“Why Do U.S. Presidential Election Polls Vary So Much When the Vote is So Predictable?” with Andrew Gelman) at the previous year’s meetings of the Midwest Political Science Association, 1993.

The APSA Research Software Award for “JudgeIt: A Program for Evaluating Electoral Systems and Redistricting Plans,” (with Andrew Gelman), from the American Political Science Association, Computer Section, 1992.

Curriculum Development Challenge Award, “Undergraduate Research Participation in Political Science,” New York University, 1987.

Research Challenge Award, “Public Opinion and Executive Behavior: Toward a New Presidency Research Agenda,” New York University, 1986.

University Fellowship, University of Wisconsin-Madison, 1983–84.

5 Research Grants

National Science Foundation, CDI-Type II: Collaborative Research, “Bibliographic Knowledge Network,” DMS-0835773, with James Pitman et al., 10/1/2008–9/30/2010 (\$217,095).

Initiative for Innovative Computing, “GenePattern and the Dataverse Network,” with Jill Mesirov, 9/1/2006–8/31/2008, (\$250,000).

Time Sharing Experiments for the Social Sciences, “Priming to Increase the Information Content in Survey Responses,” with Daniel Hopkins (survey time).

Library of Congress, “The Digital Social Science Acquisitions and Preservation Partnership,” PA#NDP03-1, 9/1/2004-3/30/2010, with Myron Gutmann, Ken Bollen, David Weakliem, and Louise Richardson (\$4.1M).

Ministry of Health, Mexico, “Evaluation of the System for Social Protection in Health,” 8/1/2004–12/31/2006, (\$1,049,981).

National Institutes of Health, National Institute on Aging grant, “Software Development for Resolving Interpersonal Incomparability in Survey Research,” Supp. to “Adapting Statistical Methods for Public Health Research,” P01 AG17625-01 7/2003–8/2005 (\$283,659).

Robert Wood Johnson Foundation, “Scholars in Health Policy Research Program,” 9/2003–8/2007, with Nicholas Christakis and Joe Newhouse (\$4,564,391).

World Health Organization, “Improved Methods of Demographic Forecasting,” 9/2001–8/2003 (\$90,000).

Swiss Peace Foundation grant, “International Relations Events Data and Methods Development,” 9/2002-8/2003 (two research fellows).

Robert Wood Johnson Foundation planning grant, “Scholars in Health Policy Research Program,” 9/2002–8/2003, with Nicholas Christakis, Jennifer Hochschild, and Joe Newhouse (\$199,967).

National Science Foundation grant, “A Feasible Uniform Standard for Deep Citation of Social Science Data,” grant SES-0112072, 9/1/2001–8/31/06, with Jim Alt and Micah Altman (\$805,102).

Toyota Foundation, “Projecting International Conflict,” 6/25/01–6/25/02 (a graduate research fellowship).

National Institutes of Health, National Institute on Aging grant, “The Global Burden of Disease in Aging Populations: Adapting Statistical Methods for Public Health Research,” with Christopher J.L. Murray et al., grant 1 P01 AG17625-01, 9/30/2000–8/31/2005 (\$8,656,009).

Weatherhead Initiative grant, “Military Conflict as a Public Health Perspective,” Weatherhead Center for International Affairs, with Christopher J.L. Murray, 2000–2002 (\$250,000).

World Health Organization and the National Institutes of Aging grant, “Forecasting Death by Age, Sex, Cause, and Country,” 1998–2001 (\$529,040).

Digital Library Initiative grant (sponsored by the National Science Foundation, Defense Advanced Research Projects Agency, National Library of Medicine, Library of Congress, National Endowment for the Humanities, and the National Aeronautics & Space Administration) for the “Virtual Data Center Project” (see <http://TheData.org>) with Micah Altman and Sidney Verba et al., grant IIS-9874747, 7/1/1999–6/31/2004 (\$2,400,000).

National Science Foundation Grant, Co-PI, “Summer Meetings of the Society for Political Methodology,” with Charles Franklin, SBR-9905798, (\$68,976).

Intel Corporation, “Geospatial Laboratory Project,” with Micah Altman, Susan Lee, Paul Bergen, David Cobb, Arlene Olivero, Thomas Parris, and William Wei, (\$150,000).

ICPSR, Data Documentation Initiative Test, with Micah Altman, Michael McDonald, and Michael Ting, (\$1,750).

National Partnership for Advanced Computational Infrastructure, supercomputer allocation grant for “Ecological Inference and Voting for the Nazis,” with Ori Rosen and Martin Tanner, June 1998 to May 1999.

Centers for Disease Control and Prevention (Division of Diabetes Translation), 15 July 1998–14 July 1999, (\$90,311).

Global Forum for Health Research grant, 1998–1999, (\$10,000).

National Science Foundation Grant SBR-9729884, “Missing Information in Survey Research,” 1 March 1998–28 February 2000 (\$175,000).

National Science Foundation Grant SBR-9321212, “The Record of American Democracy, 1984-1990,” 1 March 1994–31 August 1997, (\$140,996).

Fairness for the 90s Foundation Grant, “The Record of American Democracy, 1984-1990.” (\approx \$3,500,000).

National Science Foundation Grant SBR-9223637, “Generalizing Multiple Imputation to Time Series Data, with Application to Survey Research and Evaluating Electoral Systems and Redistricting Plans,” 1 August 1993–31 January 1996, (with Andrew Gelman), \$70,000.

National Science Foundation Grant SES-89-09201, “Modeling Representation in District-Based Electoral Systems,” 1 July 1989–31 December 1991 (\$78,429).

National Science Foundation Grant, Co-PI, “Political Methodology Summer Workshops,” 1 June 1990–1 January 1992 (\$37,601, with John Jackson, Larry Bartels, Henry Brady, Stanley Feldman, and Gary King).

Smith Richardson Foundation Grant, “Representation and Gerrymandering in American Electoral Systems,” 1 August 1989–1 September 1990 (\$45,227).

National Science Foundation Grant, “Democratic Representation in District-Based Electoral Systems: A Stochastic Model of Legislative Redistricting,” 1 February 1988–31 July 1989 (\$37,000).

National Science Foundation, URP grant, Summer, 1979.

Citizen Participation in Government Foundation, 9/1979–5/1980.

6 Books

King, Gary; Kay Schlozman; and Norman Nie, eds., *The Future of Political Science: 100 Perspectives*, New York: Routledge Press, 2009.

Girosi, Federico and Gary King. *Demographic Forecasting*, Princeton: Princeton University Press, 2008.

King, Gary; Ori Rosen; and Martin A. Tanner, eds., *Ecological Inference: New Methodological Strategies*, New York: Cambridge University Press, 2004.

King, Gary. *A Solution to the Ecological Inference Problem: Reconstructing Individual Behavior from Aggregate Data*, Princeton: Princeton University Press, 1997, (replication dataset: ICPSR s1132).

King, Gary; Robert O. Keohane; and Sidney Verba. *Designing Social Inquiry: Scientific Inference in Qualitative Research*. Princeton: Princeton University Press, 1994.

King, Gary. *Unifying Political Methodology: The Likelihood Theory of Statistical Inference*. Cambridge, England and New York: Cambridge University Press, 1989. Reprinted, Ann Arbor: University of Michigan Press, 1998.

King, Gary and Lyn Ragsdale. *The Elusive Executive: Discovering Statistical Patterns in the Presidency*. Washington, D.C.: Congressional Quarterly Press, 1988.

Brace, Paul; Christine Harrington; and Gary King. *The Presidency in American Politics*. New York and London: New York University Press, 1989. Paperback published in 1990.

7 Articles

Kosuke Imai, Gary King, and Clayton Nall. "Matched Pairs and the Future of Cluster-Randomized Experiments: A Rejoinder," *Statistical Science*, forthcoming.

Daniel Hopkins and Gary King. "A Method of Automated Nonparametric Content Analysis for Social Science," *American Journal of Political Science*, forthcoming.

Stefano M. Iacus, Gary King, and Giuseppe Porro, "CEM: Software for Coarsened Exact Matching," *Journal of Statistical Software*, Vol. 30, Issue 9 (June 2009).

Gutmann, Myron P.; Mark Abrahamson; Margaret O. Adams; Micah Altman; Caroline Arms; Kenneth Bollen; Michael Carlson; Jonathan Crabtree; Darrell Donakowski; Gary King; Jaret Lyle; Marc Maynard; Amy Pienta; Richard Rockwell; Lois Timms-Ferrara; and Copeland H. Young. "From Preserving the Past to Preserving the Future: The Data-PASS Project and the Challenges of Preserving Digital Social Science Data," *Library Trends*, Vol. 57, No. 3 (Winter, 2009): Pp. 315–337.

King, Gary; Emmanuela Gakidou; Kosuke Imai; Jason Lakin; Ryan T. Moore; Clayton Nall; Nirmala Ravishankar; Manett Vargas; Martha María Téllez-Rojo; Juan Eugenio Hernández Ávila; Mauricio Hernández Ávila; and Héctor Hernández Llamas. "Public Policy for the Poor? A Randomised Assessment of the Mexican Universal Health Insurance Program," *The Lancet*, Vol. 373 (25 April 2009): 1447–1454.

Lazer, David; Alex Pentland; Lada Adamic; Sinan Aral; Albert-László Barabási; Devon Brewer; Nicholas Christakis; Noshir Contractor; James Fowler; Myron Gutmann; Tony Jebara; Gary King; Michael Macy; Deb Roy; Marshall Van Alstyne, “Computational Social Science,” *Science* Vol. 323, No. 5915 (6 February 2009): Pp. 721–723.

Abrahamson, Mark; Kenneth A. Bollen; Myron Gutmann; Gary King; Amy M. Pienta “Preserving Data for Long Term Analyses,” *Historical Social Research*, (Summer, 2009, forthcoming).

Imai, Kosuke; Gary King; and Clayton Nall. “The Essential Role of Pair Matching in Cluster-Randomized Experiments, with Application to the Mexican Universal Health Insurance Evaluation,” [with discussion], *Statistical Science*, forthcoming, 2009.

King, Gary and Langche Zeng. “Empirical versus Theoretical Claims about Extreme Counterfactuals: A Response,” *Political Analysis*, Vol. 17 (2009): Pp. 107–112. [a response to a discussion of Gary King and Langche Zeng. “The Dangers of Extreme Counterfactuals,” *Political Analysis*, Vol. 14, No. 2 (2006): Pp. 131-159.]

Murray, Megan and Gary King. “The Effects of International Monetary Fund Loans on Health Outcomes,” *PLoS Medicine*, Vol. 5, No. 7 (2008), e162. [Reprinted in Azmal Hussain, ed., *Addressing Health Challenges: The Role of International Agencies*, ICFAI University Press, April, 2009.]

King, Gary. “The Changing Evidence Base of Social Science Research,” in Gary King, Kay Schlozman, and Norman Nie, eds., *The Future of Political Science: 100 Perspectives* New York: Routledge Press, 2009, forthcoming.

King, Gary; Kay Schlozman; and Norman Nie. “An Introduction to the Future of Political Science,” in Gary King, Kay Schlozman, and Norman Nie, eds., *The Future of Political Science: 100 Perspectives* New York: Routledge Press, 2009, forthcoming.

Imai, Kosuke; Gary King; and Olivia Lau. “Toward A Common Framework for Statistical Analysis and Development,” *Journal of Computational and Graphical Statistics*, Vol. 17, No. 4 (2008): Pp. 892–913.

King, Gary; Ori Rosen; Martin Tanner; and Alexander F. Wagner, “Ordinary Economic Voting Behavior in the Extraordinary Election of Adolf Hitler,” *Journal of Economic History*, Vol. 68, No. 4 (December, 2008): Pp. 951–996.

Ho, Daniel; Kosuke Imai; Gary King; Elizabeth Stuart. “MatchIt: Nonparametric Preprocessing for Parametric Causal Inference,” *Journal of Statistical Software*, Vol. 171 (2008, forthcoming): Pp. 481–502.

King, Gary and Ying Lu. “Verbal Autopsy Methods with Multiple Causes,” *Statistical Science*, Vol. 23, No. 1 (February, 2008), Pp. 78–91.

Imai, Kosuke; Gary King; and Elizabeth Stuart, “Misunderstandings among Experimentalists and Observationalists about Causal Inference,” *Journal of the Royal Statistical Society, Series A*, Vol. 171, Part 2 (2008): Pp. 1-22.

King, Gary. “An Introduction to the Dataverse Network as an Infrastructure for Data Sharing,” [with discussion] *Sociological Methods and Research*, Vol. 32, No. 2 (November, 2007): Pp. 173–199.

King, Gary; Emmanuela Gakidou; Nirmala Ravishankar; Ryan T. Moore; Jason Lakin; Manett Vargas; Martha María Téllez-Rojo; Juan Eugenio Hernández Ávila; Mauricio Hernández Ávila; and Héctor Hernández Llamas. “A ‘Politically Robust’ Experimental Design for Public Policy Evaluation, with Application to the Mexican Universal Health Insurance Program,” *Journal of Policy Analysis and Management*, Vol. 26, Issue 3 (2007): Pp. 479–506.

Altman, Micah and Gary King. “A Proposed Standard for the Scholarly Citation of Quantitative Data,” *D-Lib Magazine*, Vol. 13, No. 3/4 (March/April, 2007).

Ho, Daniel E.; Kosuke Imai; Gary King; and Elizabeth Stuart. “Matching as Nonparametric Preprocessing for Reducing Model Dependence in Parametric Causal Inference,” *Political Analysis*, Vol. 15 (2007): Pp. 199-236.

King, Gary and Langche Zeng. “Detecting Model Dependence in Statistical Inference: A Response,” *International Studies Quarterly*, Vol. 51 (March, 2007): Pp. 231–241.

King, Gary and Langche Zeng. “When Can History be Our Guide? The Pitfalls of Counterfactual Inference,” [with discussion] *International Studies Quarterly*, Vol. 51 (March, 2007): Pp. 183–210.

Grofman, Bernard and Gary King. “The Future of Partisan Symmetry as a Judicial Test for Partisan Gerrymandering after *LULAC v. Perry*,” *Election Law Journal*, Vol. 6, No. 1, (January, 2007), Pp. 2–35.

King, Gary and Jonathan Wand. “Comparing Incomparable Survey Responses: New Tools for Anchoring Vignettes,” *Political Analysis*, Vol. 15, No. 1 (Winter, 2007): Pp. 46–66.

King, Gary; Ori Rosen; and Martin Tanner. “Ecological Inference,” in Larry Blume and Steven N. Durlauf, eds., *The New Palgrave Dictionary of Economics*, 2nd edition, 2006.

Gakidou, Emmanuela and Gary King, “Death by Survey: Estimating Adult Mortality without Selection Bias from Sibling Survival Data” *Demography*, Vol. 43, No. 3 (August, 2006): Pp. 569–585. [Reprinted in W. Paul Vogt, ed., *Selecting Research Methods*, London: Sage Publications, 2008.]

Stoll, Heather; Gary King; and Langche Zeng, 2005. “WhatIf: Software for Evaluating Counterfactuals,” *Journal of Statistical Software*, Vol. 15, Issue 4 (2005): Pp. 1–18, abstract published in *Journal of Computational and Graphical Statistics*, Vol. 15, No. 1 (March 2006): P. 264.

Epstein, Lee; Daniel E. Ho; Gary King; and Jeffrey A. Segal “The Effect of War on the Supreme Court,” in Samuel Kernell and Steven S. Smith, eds.(3rd ed). *Principles and Practice in American Politics: Classic and Contemporary Readings*. Washington, D.C.: Congressional Quarterly Press, 2006.

King, Gary and Langche Zeng. “The Dangers of Extreme Counterfactuals,” *Political Analysis*, Vol. 14, No. 2 (2006): Pp. 131-159.

King, Gary. “Publication, Publication,” *PS: Political Science and Politics*, Vol. XXXIX, No. 1 (January, 2006), 119–125.

Epstein, Lee; Daniel E. Ho; Gary King; and Jeffrey A. Segal, "The Supreme Court During Crisis: How War Affects only Non-War Cases," *New York University Law Review*, Vol. 80, No. 1 (April, 2005): 1-116.

King, Gary. "EI: A Program for Ecological Inference" *Journal of Statistical Software*, Vol. 11, Issue 7 (September, 2004): Pp. 1–41. Abstract published in *Journal of Computational and Graphical Statistics*.

King, Gary; Ori Rosen; and Martin Tanner. "Information in Ecological Inference: An Introduction" in King, Rosen, and Tanner, eds., *Ecological Inference: New Methodological Strategies*, New York: Cambridge University Press, 2004.

Imai, Kosuke and Gary King. "Did Illegally Counted Overseas Absentee Ballots Decide the 2000 U.S. Presidential Election?," *Perspectives on Politics*, Vol. 2, No. 3 (September, 2004): Pp. 537–549.

Gill, Jeff and Gary King. "What to do When Your Hessian is Not Invertible: Alternatives to Model Respecification in Nonlinear Estimation," *Sociological Methods and Research*, Vol. 33, No. 1 (2004): Pp. 54–87.

Gill, Jeff and Gary King. "Numerical Issues Involved in Inverting Hessian Matrices," Pp. 143–176 (Chapter 6) in Micah Altman, Jeff Gill, and Michael P. McDonald, eds., *Numerical Issues in Statistical Computing for the Social Scientist*, Hoboken, NJ: John Wiley and Sons, Inc., 2003.

King, Gary. "Finding New Information for Ecological Inference Models: A Comment on Jon Wakefield, 'Ecological Inference in 2×2 Tables'," *Journal of the Royal Statistical Society*, Series A, Vol. 167 (2004): P. 437.

Beck, Nathaniel; Gary King; and Langche Zeng. "Theory and Evidence in International Conflict: A Response to de Marchi, Gelpi, and Grynaviski," *American Political Science Review*, Vol. 98, No. 2 (May, 2004): Pp. 379–389. [A response to a discussion of Nathaniel Beck; Gary King; and Langche Zeng. "Improving Quantitative Studies of International Conflict: A Conjecture," *American Political Science Review*, Vol. 94, No. 1 (March, 2000): 21–36.]

King, Gary and Langche Zeng. "Inference in Case-Control Studies," in Shein-Chung Chow, ed., *Encyclopedia of Biopharmaceutical Statistics*, 2nd edition. New York: Marcel Dekker, 2004.

King, Gary; Christopher J.L. Murray; Joshua A. Salomon; and Ajay Tandon. "Enhancing the Validity and Cross-cultural Comparability of Measurement in Survey Research," *American Political Science Review*, Vol. 97, No. 4 (December, 2003), 567–584; reprinted, with printing errors corrected, Vol. 98, No. 1 (February, 2004): 191–207. [Reprinted in: (1) David J Bartholomew, ed., *Measurement*, Los Angeles: Sage Publications, 2006; (2) Susanne Pickel, Gert Pickel, Hans-Joachim Lauth, and Detlef Jahn. 2007 *Methoden der vergleichenden Politikwissenschaft. Neuere Entwicklungen und Anwendungen* (Methods of Comparative Political Science. Latest Developments and Applications), Wiesbaden: VS-Verlag; (3) W. Paul Vogt, ed., *Selecting Research Methods*, London: Sage Publications, 2008.]

Gelman, Andrew; Jonathan Katz; and Gary King. "Empirically Evaluating the Electoral College," Chapter 5, Pp. 75–88, in Ann N. Crigler, Marion R. Just, and Edward J. McCaffery, eds., *Rethinking the Vote: The Politics and Prospects of American Electoral Reform*, New York: Oxford University Press, 2004.

Epstein, Lee and Gary King. "Building An Infrastructure for Empirical Research in the Law" [with comments from four law school deans], *Journal of Legal Education*, Vol. 53, No. 311, (2003): Pp. 311–320.

Lowe, Will and Gary King. "Some Statistical Methods for Evaluating Information Extraction Systems," in K. Pastra, ed. *Proceedings of the Workshop on Evaluation Initiatives in Natural Language Processing. 10th Conference of the European Association for Computational Linguistics*, Budapest, Hungary (2003): Pp. 19–26.

King, Gary and Will Lowe. "An Automated Information Extraction Tool For International Conflict Data with Performance as Good as Human Coders: A Rare Events Evaluation Design" *International Organization*, Vol. 57, No. 03 (July, 2003): pp. 617–642.

King, Gary. "The Future of Replication," *International Studies Perspectives*, Vol. 4, No. 1 (February, 2003): Pp. 100–105. [in "Symposium on Replication in International Studies Research," following up on Gary King, "Replication, Replication" *PS: Political Science and Politics*, Vol. XXVIII, No. 3 (September, 1995): Pp. 443–499.]

Tomz, Michael; Gary King; and Langche Zeng. "ReLogit: Rare Events Logistic Regression," *Journal of Statistical Software*, Vol. 8, Issue 2 (2003): Pp. 1–27. Abstract published in *Journal of Computational and Graphical Statistics*, Vol. 12, No. 1 (March, 2003): 246–247.

Tomz, Michael; Jason Wittenberg; and Gary King. "CLARIFY: Software for Interpreting and Presenting Statistical Results," *Journal of Statistical Software*, Vol. 8, Issue 1 (2003): Pp. 1–30. Abstract published in *Journal of Computational and Graphical Statistics*, Vol. 12, No. 1 (March, 2003): 245–246.

Adolph, Christopher and Gary King, with Michael C. Herron and Kenneth W. Shotts. "A Consensus on Second Stage Analyses in Ecological Inference Models," *Political Analysis*, Vol. 11, No. 1 (Winter, 2003): Pp. 86–94.

Adolph, Christopher and Gary King. "Analyzing Second Stage Ecological Regressions," *Political Analysis*, Vol. 11, (Winter, 2003): Pp. 65–76.

Gakidou, Emmanuela and Gary King. "Measuring Total Health Inequality: Adding Individual Variation to Group-Level Differences" *BioMed Central: International Journal for Equity in Health*, Vol. 1, No. 3 (2002). [Reprinted in Christopher Murray and David B. Evans, eds., *Health Systems Performance Assessment: Debates, Methods, and Empiricism*, Geneva: World Health Organization, 2003, Chapter 35, Pp. 485–496.]

Gakidou, Emmanuela and Gary King. "Determinants of Inequality in Child Survival: Results from 39 Countries," 2003, in Christopher Murray and David B. Evans, eds., *Health Systems Performance Assessment: Debates, Methods, and Empiricism*, Geneva: World Health Organization, Chapter 36, Pp. 497–502.

King, Gary and Langche Zeng. "Estimating Risk and Rate Levels, Ratios, and Differences in Case-Control Studies," *Statistics in Medicine*, Vol. 21 (2002): Pp. 1409–1427.

King, Gary. "Isolating Spatial Autocorrelation, Aggregation Bias, and Distributional Violations in Ecological Inference," *Political Analysis*, Vol. 10, No. 3, (Summer, 2002): 298–300.

Murray, Christopher J.L.; Gary King; Alan D. Lopez; Niels Tomijima; and Etienne Krug, "Armed Conflict as a Public Health Problem," *BMJ*, Vol. 324, (9 February 2002): 346–349. (The *BMJ* was once called the *British Medical Journal*.)

King, Gary and Christopher J.L. Murray. "Rethinking Human Security," *Political Science Quarterly*, Vol. 116, No. 4 (Winter, 2002): 585–610.

Epstein, Lee and Gary King. "The Rules of Inference," with comments from six scholars and a rejoinder by us, "Empirical Research and The Goals of Legal Scholarship: A Response," *University of Chicago Law Review*, Vol. 69, No. 1 (Winter, 2002): Pp. 1–209. A Chinese translation is forthcoming in the *Journal of Legal Methods*, and a Portuguese translation in the *Revista da Faculdade de Direito da UFRGS*.

Honaker, James; Gary King; and Jonathan N. Katz. "A Fast, Easy, and Efficient Estimator for Multiparty Electoral Data," *Political Analysis*, Vol. 10, No. 1, (Winter, 2002): 84–100.

King, Gary and Langche Zeng. "Improving Forecasts of State Failure," *World Politics*, Vol. 53, No. 4 (July, 2001): 623–58.

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King, Gary. “The Methodology of Presidential Research,” in George Edwards, III, John H. Kessel, and Bert A. Rockman, eds., *Researching the Presidency: Vital Questions, New Approaches*, Pittsburgh: University of Pittsburgh, 1993: Pp. 387–412.

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King, Gary. “Representation Through Legislative Redistricting: A Stochastic Model,” *American Journal of Political Science*, Vol. 33, No. 4 (November, 1989): Pp. 787–824.

King, Gary. “Event Count Models for International Relations: Generalizations and Applications,” *International Studies Quarterly*, Vol. 33, No. 2 (June, 1989): Pp. 123–147.

King, Gary. “Variance Specification in Event Count Models: From Restrictive Assumptions to a Generalized Estimator,” *American Journal of Political Science*, Vol. 33, No. 3 (August, 1989): Pp. 762–784.

King, Gary. “A Seemingly Unrelated Poisson Regression Model,” *Sociological Methods and Research*, Vol. 17, No. 3 (February, 1989): Pp. 235–255.

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King, Gary. “Statistical Models for Political Science Event Counts: Bias in Conventional Procedures and Evidence for The Exponential Poisson Regression Model,” *American Journal of Political Science*, Vol. 32, No. 3 (August, 1988): Pp. 838–863.

King, Gary and Robert X Browning. “Democratic Representation and Partisan Bias in Congressional Elections,” *American Political Science Review*, Vol. 81, No. 4 (December, 1987): 1252–1273.

King, Gary. “Presidential Appointments to the Supreme Court: Adding Systematic Explanation to Probabilistic Description,” *American Politics Quarterly*, Vol. 15, No. 3 (July, 1987): Pp. 373–386.

Browning, Robert X and Gary King. “Seats, Votes, and Gerrymandering: Measuring Bias and Representation in Legislative Redistricting” *Law and Policy*, Vol. 9, No. 3 (July, 1987): Pp. 305–322.

King, Gary. “How Not to Lie With Statistics: Avoiding Common Mistakes in Quantitative Political Science,” *American Journal of Political Science*, Vol. 30, No. 3 (August, 1986): Pp. 666–687. [Reprinted in Martin Bulmer, Patrick J Sturgis, and Nick Allum, eds., *The Secondary Analysis of Survey Data*, Vol. 3, Sage Publications, 2009.]

King, Gary. “The Significance of Roll Calls in Voting Bodies: A Model and Statistical Estimation,” *Social Science Research*, Vol. 15 (June, 1986): Pp. 135–152.

King, Gary. “Political Parties and Foreign Policy: A Structuralist Approach,” *Political Psychology*, Vol. 7., No. 1 (March, 1986): Pp. 83–101.

King, Gary and Richard Merelman. “The Development of Political Activists: A Model of Early Learning,” *Social Science Quarterly*, Vol. 67, No. 3 (September, 1986): Pp. 473–490.

8 Software

Iacus, Stefano M.; Gary King; and Giuseppe Porro. *CEM: Coarsened Exact Matching*, 2008–.

Honaker, James; Gary King; and Matthew Blackwell. *Amelia II: A Program for Missing Data*, 2008–.

Gelman, Andrew; Gary King; and Andrew C. Thomas. *JudgeIt II: A Program for Evaluating Electoral Systems and Redistricting Plans*, 2008–.

Hopkins, Daniel; Gary King; Matthew Knowles; and Steven Melendez. *ReadMe: Software for Automated Content Analysis*, 2008–.

King, Gary and Ying Lu. *VA: Software for Analyzing Verbal Autopsy Data*, 2008–.

Girosi, Federico and Gary King. *YourCast: Time-Series Cross-Sectional Forecasting with Your Assumptions*, 2006–.

King, Gary; Merce Crosas; and the Dataverse team. *The Dataverse Network*, 2006–.

Altman, Micah; Gary King; and Sidney Verba. Virtual Data Center Software, 1996–2005.

Ho, Daniel; Kosuke Imai; Gary King; and Elizabeth Stuart, *MatchIt: Nonparametric Preprocessing for Parametric Causal Inference*, 2004–.

Imai, Kosuke; Gary King; and Olivia Lau. *Zelig: Everyone’s Statistical Software*, 2004–.

Wand, Jonathan, Gary King, and Olivia Lau. *Anchors: Software for Anchoring Vignettes Data*, 2002–.

Tomz, Michael; Gary King; and Langche Zeng. *ReLogit: Rare Events Logistic Regression*, 2000–2002.

Honaker, James; Anne Joseph; Gary King; Kenneth Scheve; and Naunihal Singh. *AMELIA: A Program for Missing Data*, versions 1998–2007.

Tomz, Michael; Jason Wittenberg; and Gary King. *CLARIFY: Software for Interpreting and Presenting Statistical Results*, Stata macros, versions 1998–2002.

King, Gary. *ƐI: A Program for Ecological Inference*, (Versions 1996–2003). Published as part of the Gauss Package by Aptech Systems, Kent, Washington, and as a stand-alone program called *ƐzI: A(n Easy) Program for Ecological Inference*, by Kenneth Benoit and Gary King.

Gelman, Andrew and Gary King. *JudgeIt: A Program for Evaluating Electoral Systems and Redistricting Plans*, Version 1.0, 2.0 (1992–2002), (ICPSR s1047).

King, Gary. *COUNT: A Program for Estimating Event Count and Duration Regressions*, Versions 1988–2002, published as a stand-alone program and as part of the Gauss Package by Aptech Systems, Kent, Washington.

King, Gary. *MAXLIK*, a set of Gauss programs, annotated for pedagogical purposes, to implement the maximum likelihood models in *Unifying Political Methodology: The Likelihood Theory of Statistical Inference*.

9 Selected Conference Activities

(For others, including slides, see <http://gking.harvard.edu/talks>.)

Invited Address, “The Dataverse Network,” UseR! The R User Conference, Technische Universität Dortmund, Germany, 12-14 August 2008.

Keynote Address, “What to do about Biases in Survey Research,” Association Française de Science Politique (French Political Science Association), Toulouse, France, September, 2007.

Invited Address, American Association for Public Opinion Research, Nashville, May, 2003.

Keynote address in methods, American Sociological Association, San Francisco, August, 1998.

Keynote Address in Political Geography, Association of American Geographers, Cambridge, Massachusetts, March 1998.

Short Courses (3-6 hours) offered on *A Solution to the Ecological Inference Problem: Reconstructing Individual Behavior from Aggregate Data* at the American Political Science Association (August, 1997), the Boston Chapter of the American Statistical Association (November, 1997), the Inter-university Consortium for Political and Social Research (July 1998), and the Social Science History Association (November 1998).

“Not Asked and Not Answered: Multiple Imputation for Multiple Surveys,” the *Journal of the American Statistical Association* (by Andrew Gelman, Gary King, and Chuanhai Liu), Applications Invited Discussion Paper at the American Statistical Association annual meetings in Dallas, Texas, August, 1998.

“Meet the Author: Gary King’s *A Solution to the Ecological Inference Problem: Reconstructing Individual Behavior from Aggregate Data*,” panels at the annual meetings of the Midwest Political Science Association, 10–12 April 1997, and the American Political Science Association, 28–31 August 1997.

“Meet the Authors: King, Keohane, and Verba’s *Designing Social Inquiry: Scientific Inference in Qualitative Research*,” annual meetings of the American Political Science Association, 2–4 September 1994.

“The State of Political Methodology: Looking Back at Achen (1983), King (1990), and Bartels and Brady (1993),” at the annual meetings of the American Political Science Association, 2–5 September, 1993.

“Scientific Inference in Qualitative Research,” (a roundtable on a draft version of Gary King, Robert Keohane, and Sidney Verba’s *Designing Social Inquiry: Scientific Inference in Qualitative Research*) annual meetings of the American Political Science Association, Washington, D.C., 29 August–1 September, 1991.

“On Political Methodology,” presented to a panel about this paper at the annual meetings of the American Political Science Association, Atlanta, 31 August to 3 September 1989.

“Maximum Likelihood: Costs and Benefits,” (on *Unifying Political Methodology: The Likelihood Theory of Statistical Inference*) at the annual meetings of the Southern Political Science Association, Memphis, Tennessee, 2–4 November 1989.

10 Editorial Responsibilities

Advisory Board Member, American Human Development Report, 2009.

Chair, Durr Award Committee, Midwest Political Science Association, 2008.

Scientific Oversight Group, Institute for Health Metrics and Evaluation, University of Washington, 2008–.

Advisory Board Member, *Political Methods: Quantitative Methods*, Social Science Research Network, 2007–.

Editorial Board Member, *American Political Science Review*, July 2007–.

Editorial Advisory Board, *The Annals*, American Academy of Political and Social Science, 2006–.

Editorial Board Member, *Journal of Information Technology and Politics*, 2006–.

Editorial Board Member, *Political Research Quarterly*, 2006–.

Editorial Board Member, *Concepts and Methods Working Paper Series* of the International Political Science Association, 2005–.

Steering Committee, ESRC Oxford University Spring School in Quantitative Methods of Social Research, 2002–.

Editorial Board Member, *Population Health Metrics*, 2002–.

Editorial Board Member, *Evidence for Health Policy*, 2002–.

Editorial board member, *American Journal of Political Science*, 1988–1991, 2002–.

Member, U.S. National Committee on Data for Science and Technology (USNC/CODATA), National Research Council, 12/2001–6/2004.

Member, Privacy in the Information Age Committee, National Research Council (Computer Science and Telecommunications Board), 2/2002–.

Senior Science Advisor, World Health Organization, 1998–2003.

Editorial Board member, *New England Journal of Political Science*, 2005–.

Editorial Advisory Board member, *Encyclopedia of Social Measurement*, Academic Press.

Governing Council member, American Political Science Association, 1999–2001.

Governing Council member, Inter-university Consortium for Political and Social Research, 1998–2000. Chair, Director Search Committee.

Executive Council member, Midwest Political Science Association, 1997–1999. Chair, Publications Committee.

Editorial Board member, *Encyclopedia of Public Health*, Academic Press.

Editorial Committee member, *Bulletin of the World Health Organization*, 1999–.

American Political Science Association liaison to the American Association for the Advancement of Science, Section K, 2002.

Editorial Board Member, *American Political Science Review*, 1995–2001.

Editorial Board member, *Sage Publications, Quantitative Applications in the Social Sciences, monograph series*, 1994–.

Chair, National Science Foundation, Committee of Visitors review panel for the political science program, 1994.

Editorial board member, *International Studies Quarterly*, 1994–2001.

Editorial board member, *Legislative Studies Quarterly*, 1993–1996.

National Science Foundation, political science panel member, 1991–1993.

Editorial board member, *American Politics Quarterly*, 1992–.

Editorial board member, *Journal of Politics*, 1991–1997.

Editorial board member, *Public Opinion Quarterly*, 1991–1995.

Editorial board member, *Journal of Conflict Resolution*, 1990–.

Editorial board member, *Sociological Methods and Research*, 1989–.

Editorial board member, *Political Analysis*, 1988–.

Founding Editor, *The Political Methodologist*, Newsletter of The Society for Political Methodology and the Methodology Section of The American Political Science Association, 1988–1990.

Program Committee Co-chair, Political Methodology Section and Organized Section Head of the Political Methodology Group, American Political Science Association annual meeting, 1990.

Member, Steering Committee, Presidency Research Group, American Political Science Association, 1989–1993.

Member, Richard F. Fenno, Jr. Prize Committee, Legislative Studies Section, American Political Science Association, 1990.

11 Selected University Service Activities

University-Wide Social Sciences Advisory Committee (and Chair of the Infrastructure Committee), 2009–.

Social Sciences Priority Committee, 2008–.

FAS Priorities Committee, 2008–2009.

Director, Institute for Quantitative Social Science, 2005–.

Director, Center for Basic Research in the Social Sciences, 2004–2005.

Director, Harvard-MIT Data Center, 1987–.

Visiting Committee Member, Harvard School of Public Health, 2003–.

Standing Committee on Higher Degrees in Health Policy, 1998–.

FAS Resources Committee, 1997–2008.

Knafel Center Planning Committee, 1997–2005.

Standing Committee on Information Technology, FAS, 1992–.

Chair, Joint Junior Faculty Recruitment Committee, Department of Government, 1997–98, 2003–04, 2004–05, 2005–06, 2006–07.

Chair, Information Technology Subcommittee on Libraries and Databases, 1996–97.

Faculty Council, Harvard University, Faculty of Arts and Sciences, 1992–94.

Placement Director, Department of Government, 1993–94, 1996–97.

Standing Committee on the College Library, FAS, 1993–94.

Steering Committee, Political Economy and Government Ph.D. program, FAS and JFK School of Government, Harvard, 1991–94.

Standing Committee on Research Policy, FAS, 1992–93.

Standing Committee for Undergraduate Education, FAS, 1992–93.

Chair, Political Methodology Recruitment Committee, 1993.

Chair (1991–93) and member (1989–91, 2001–02), Admissions Committee, Department of Government, Harvard.

Junior Faculty Recruitment Committee, Department of Government, Harvard, 1987–89, 1990–92.

Chair, James Phelps Stokes Lecture Committee, Department of Politics, NYU, 1986–87.

Fellowship, Evaluation, and Progress Committee, Department of Politics, NYU, 1986–87.

Undergraduate Curriculum Committee, Department of Politics, NYU, 1986–87; completed review and revision of the entire undergraduate curriculum.

Methodology Field Head, Department of Politics, NYU, Fall, 1986.

Graduate Curriculum Committee, Department of Politics, NYU, 1985–86; completed review and revision of the entire graduate curriculum.

Admissions Committee, Department of Politics, NYU, 1985–86.

Faculty Adviser, Political Science Graduate Student Association, Department of Politics, NYU, 1985–86.

Computer Planning Committee, Faculty of Arts and Sciences, NYU, 1984–1987.

Lecture Committee, Department of Politics, NYU, 1984–85.

Politics Computing Advisory Committee, Department of Politics, NYU, 1984–85.

Social Science Computing Advisory Committee, NYU, 1985–1987.