

# Curriculum Vitae

Gary King

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## 1 Contact

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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

Albert J. Weatherhead III University Professor, Harvard University, 2009 to the present.

David Florence Professor of Government, Harvard University, 2002 to 2009.

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.

## 4 Honorary Societies

*Elected Member, National Academy of Social Insurance*, 2014.

*Elected Member, National Academy of Sciences*, 2010.

*Elected Fellow, American Statistical Association*, 2009.

*Elected Fellow, Society for Political Methodology*, 2008.

*Elected Fellow, American Association for the Advancement of Science*, 2004.

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

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

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

## 5 Prizes and Awards

*Miembro Vitalicio (Lifetime Member)*, Asociación Mexicana de Ciencias Políticas (Mexican Political Science Association), 2017.

*Best Paper Award*, Political Communication Division, International Communication Association, 2017, for “How the Chinese Government Fabricates Social Media Posts for Strategic Distraction, not Engaged Argument” with Margaret Roberts and Jennifer Pan.

*Dartmouth Ventures Entrepreneurship Competition, 2nd place*, for Thresher, with Rebecca Fair, 2015.

*Warren E. Miller Award for Meritorious Service to the Social Sciences*, Inter-University Consortium for Political and Social Research, 2015.

*Accelerator Award*, Harvard University, Office of Technology Development, for “Let Machines Score so Teachers can Teach,” which became Perusall.com, with Eric Mazur, 2015.

*MPSA Kellogg/Notre Dame Award*, from the Midwest Political Science Association, for the best paper in Comparative Politics, 2014, for “Reverse Engineering Chinese Censorship through Randomized Experimentation and Participant Observation,” with Margaret Roberts and Jennifer Pan.

*Statistical Software Award*, Society for Political Methodology, 2014, for *Amelia II*, by James Honaker, Gary King, and Matthew Blackwell.

*Highly Cited Researcher*, and listed in *World’s Most Influential Scientific Minds*, Thompson-Reuters, 2014.

*Everett Mendelsohn Excellence in Mentoring Award*, Harvard Graduate Student Council, 2011.

*Career Achievement Award*, Society for Political Methodology, 2010.

*Honorary Doctorate of Humane Letters*, State University of New York at New Paltz, 2010.

*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.

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

*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.

*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 ISI’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, 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 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 and the [Harvard-MIT Data Center](#), 1999, from the American Political Science Association.

*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.

*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.

## 6 Research Grants

“Citation++: Data Citation, Provenance, and Documentation,” National Science Foundation, ACI-1448123, 1/01/2015–12/31/2017, With Margo Seltzer and Merce Crosas, (\$300,000).

“Applying Theoretical Advances in Privacy to Computational Social Science Practice,” Alfred P. Sloan Foundation, 5710003879, G-2014-13661 4/01/2015–9/30/2017 with Salil Vadham, Urs Gasser, Merce Crosas, and Micah Altman (\$616,000).

“Preparing Social Science Research Infrastructure for the Potential Inversion of Its Largest Successes and Failures,” Alfred P. Sloan Foundation, G-2015-14108, with Merce Crosas, 12/31/2015–5/31/2017, (\$751,941).

“Alfred P. Sloan Fellowships: Toward the Creation of Interdisciplinary Fellowships in Data Science,” Alfred P. Sloan Foundation, G-2015-20166009, with Richard McCullough, 1/01/2016–6/30/2018, (\$124,994).

“RAPID: Measuring the Intent of Chinese Leaders through Censorship Behavior,” National Science Foundation, SES-1500086, With Jennifer Pan and Margaret Roberts, 3/01/2015–2/29/2016 (\$200,000).

“Causal Inference Methods for Estimating Long Term Health Effects of Air Quality Regulations,” Health Effects Institute/Environmental Protection Agency, 4909-RFA11-1/12-3; CR-83467701, with Corwin Zigler et al., 5/01/2012–10/31/15, (\$1,033,958).

“Statistically Defensible Comparison of Similar but Disparate Tests,” Charles River Analytics Inc./Department of Defense SC1220801 EVIDENT; FA9550-13-C-0028, 2/15/2013–11/14/2013, with Wayne Thornton et al. (\$75,000).

“A Bridge from Publishing Words to Publishing Data,” Alfred P. Sloan Foundation, G-2014-13659, 1/1/2015–12/31/2017, with Merce Crosas, Tom Carsey, and Jonathan Crabtree (\$845,000).

“Privacy for Social Science Research,” National Science Foundation #CNS-1237235, 10/01/2012–9/30/2017, with Salil Vadhan, Edoardo Airoldi, Phillip Malone, Latanya Sweeney, (\$5,992,707).

“BetterBirth: A Trial of the WHO Safe Childbirth Checklist Program,” Gates Foundation #OPP1017378, 5/12/2011–4/28/2015, with Atul Gawande, Jonathan Spector, Stuart Lipsitz, Sue Goldie, and Stephen Resch, (\$14,149,388).

“Center for Historical Information and Analysis (CHIA),” National Science Foundation #BCS-1244667, 1/1/13–12/31/2015, with Patrick Manning, (\$91,600).

“DataBridge — A Sociometric System for Long-tail Science Data Collections,” National Science Foundation #OCI-1247602, 11/1/2012–10/31/2016, with Arcot Rajasekar, Thomas Carsey, Hye-Chung Kum, Howard Lander, Sharlini Sankaran, Justin Zahn, (\$463,263).

Disney Research Grant, 2012, (\$35,000).

“Helping Journals to Upgrade Data Publication for Reusable Research,” 2012-3-2, Alfred P. Sloan Foundation #219264, 6/1/2012–1/1/2015, with Micah Altman and John Willinsky (\$1,058,994).

“Text Clustering,” Amazon Web Services in Education Research Grant, 2011.

“Measuring, Understanding, and Responding to Covert Social Networks,” Department of Defense, Multidisciplinary University Research Initiative (MURI) #W91INF-11-1-0036-DOD35CAP, 11/23/2010–11/22/2016 with Patrick Wolfe, Edo Airoldi, Mung Chiang, David Lazer, Devavrat Shah, and Burton Singer (\$6,240,927).

Institute for Museum and Library Services, “Simple Verified Distributed Preservation: A Policy Based Archival Replication System for Libraries, Archives, and Museums using a

Virtual Private LOCKSS,” LG-05-09-0041-09, with Mark Abrahamson, Ken Bollen, and Nancy McGovern, 10/1/2009–9/30/2012 (\$823,016).

National Science Foundation, CDI-Type II: Collaborative Research, “Bibliographic Knowledge Network,” DMS-0835500, with James Pitman et al., 10/1/2008–9/30/2011 (\$1,211,433).

Library of Congress, “Extension to the Digital Social Science Acquisitions and Preservation Partnership,” with Myron Gutmann, Mark Abrahamson, and Ken Bollen, 2009-2010, (\$274,832).

Library of Congress, “Extension to the Digital Social Science Acquisitions and Preservation Partnership,” with Myron Gutmann, Mark Abrahamson, and Ken Bollen, 2007-2009, (\$710,000).

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 (\$2,037,595).

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 (\$28,659).

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” 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.” (≈\$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.

## 7 Writings

### 7.1 Books

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

Giroi, 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.

### 7.2 Articles

Iacus, Stefano M.; Gary King; and Giuseppe Porro. Forthcoming. “A Theory of Statistical Inference for Matching Methods in Causal Research,” *Political Analysis*. Copy at <http://j.mp/2GFVqkx>.

King, Gary. Forthcoming. “Edited transcript of a talk on Partisan Symmetry at the ‘Redistricting and Representation Forum,’” *Bulletin of the American Academy of Arts and Sciences*, Winter, Pp. 55-58. Copy at <http://j.mp/2hSaZyC>.

King, Gary and Robert X Browning. 12/26/2017. "How to conquer partisan gerrymandering," *Boston Globe* (Op-Ed), 292, 179, Pp. A10. Copy at <http://j.mp/216JZtC>

Miller, Kelly; Brian Lukoff; Gary King; and Eric Mazur. 2018. "Use of a Social Annotation Platform for Pre-Class Reading Assignments in a Flipped Introductory Physics Class," *Frontiers in Education*, Vol. 3, Article 8, Pp. 1-12. Copy at <http://j.mp/2Hhq7MV>.

King, Gary; Benjamin Schneer; and Ariel White. 2017. "How the News Media Activate Public Expression and Influence National Agendas," *Science*, Vol. 358, Pp. 776–780. <http://GaryKing.org/media>.

King, Gary; Jennifer Pan; and Margaret E. Roberts. In press, 2017. "How the Chinese Government Fabricates Social Media Posts for Strategic Distraction, not Engaged Argument," *American Political Science Review*, 2017. [GaryKing.org/50c](http://GaryKing.org/50c). Reprinted in Greenhaven, eds., 2018. *Troll Factories-Russia's Web Brigades*, Greenhaven Publishing.

King, Gary; Patrick Lam; and Margaret E. Roberts. In press, 2017. "Computer-Assisted Keyword and Document Set Discovery from Unstructured Text," *American Journal of Political Science*, <http://j.mp/1qdVqhx>

Schwab, Michail; Hendrik Strobelt; James Tompkin; Colin Fredericks; Connor Huff; Dana Higgins; Anton Strezhnev; Mayya Komisarchik; Gary King; and Hanspeter Pfister. In Press, 2017. "booc.io: An Education System with Hierarchical Concept Maps," *IEEE Transactions on Visualization and Computer Graphics*, PP(99).

Semrau, Katherine; Lisa R. Hirschhorn; Bhala Kodkany; Jonathan Spector; Danielle E. Tuller; Gary King; Stuart Lisptiz; Narender Sharma; Vinay P. Singh; Bharath Kumar; Neelam Dhingra-Kumar; Rebecca Firestone; Vishwajeet Kumar; Atul Gawande. In Press. "Effectiveness of the WHO Safe Childbirth Checklist Program in Reducing Severe Maternal, Fetal, and Newborn Harm: Study Protocol for a Matched-Pair, Cluster-Randomized Controlled Trial in Uttar Pradesh, India," *Trials*.

King, Gary; Christopher Lucas; and Richard Nielsen. In press, 2016. "The Balance-Sample Size Frontier in Matching Methods for Causal Inference," *American Journal of Political Science*, Copy at <http://j.mp/1dRDMrE>.

Gilbert, Daniel; Gary King; Stephen Pettigrew; and Timothy Wilson. 2016. "Comment on 'Estimating the Reproducibility of Psychological Science'," *Science*, 6277, 351: 1037a-1038a. Copy at <http://j.mp/21LW9c8>.

King, Gary. 2016. "Preface: Big Data is Not About the Data!," In *Computational Social Science: Discovery and Prediction*, edited by R. Michael Alvarez, Cambridge: Cambridge University Press, 2016. Copy at <http://j.mp/1PP466V>.

King, Gary. 2016. "The C-SPAN Archives as The Policymaking Record of American Representative Democracy: A Foreword," In *Exploring the C-SPAN Archives: Advancing the Research Agenda*, edited by Robert X Browning, West Lafayette, IN: Purdue University Press. Copy at <http://j.mp/1PUq9No>.

Kashin, Konstantin; Gary King; and Samir Soneji. 2015. "Systematic Bias and Nontransparency in US Social Security Administration Forecasts," *Journal of Economic Perspectives*, Vol. 29, No. 2 (Spring, 2015): Pp. 239–258, Copy at <http://j.mp/1ITZ6Mw>.

Kashin, Konstantin; Gary King; and Samir Soneji. 2015. "Explaining Systematic Bias and Nontransparency in US Social Security Administration Forecasts," *Political Analysis*, Vol. 23, No. 3 (Summer, 2015): Pp. 336–362, Copy at <http://j.mp/1GStuLL>.

Patrinos, Aristides A. N.; Hannah Bayer; Paul W. Glimcher; Steven Koonin; Miyoung Chun; and Gary King. 3/19/2015. "Urban observatories: City data can inform decision theory," (correspondence) *Nature*, 519, Pp. 291. Copy at <http://j.mp/2ovAjMu>.

Blackwell, Matthew; James Honaker; and Gary King. "A Unified Approach to Measurement Error and Missing Data: Overview," *Sociological Methods and Research*, In press, Copy at <http://j.mp/jqdj72>.

Blackwell, Matthew; James Honaker; and Gary King. "A Unified Approach to Measurement Error and Missing Data: Details and Extensions," *Sociological Methods and Research*, In press, Copy at <http://j.mp/1i0vDUD>.

King, Gary, and Margaret Roberts. "How Robust Standard Errors Expose Methodological Problems They Do Not Fix, and What to Do About It," *Political Analysis*, Vol. 23, No. 2 (2015): Pp. 159–179, Copy at <http://j.mp/InK5jU>.

King, Gary; Jennifer Pan; and Margaret Roberts. "Reverse Engineering Chinese Censorship: Randomized Experimentation and Participant Observation," *Science*, Vol. 345, Issue 6199 (22 August 2014): 1–10, Copy at <http://j.mp/16Nvzge>.

Lazer, David; Ryan Kennedy; Gary King; and Alessandro Vespignani. 2014. "The Parable of Google Flu: Traps in Big Data Analysis," *Science* Vol. 343, No. 14 (March, 2014): Pp. 1203–1205, Copy at <http://j.mp/1ii4ETo>

King, Gary. "Restructuring the Social Sciences: Reflections from Harvards Institute for Quantitative Social Science," *PS: Political Science and Politics*, Vol. 47, No. 1 (2014): Pp. 165–172, Copy at <http://j.mp/17Cobeu>, reprinted in Kent Worcester, ed. *Navigating Political Science: Useful Readings from APSA Journals*, Washington, DC: American Political Science Association, 2018.

King, Gary; and Sen, Maya. "How Social Science Research Can Improve Teaching," *PS: Political Science and Politics*, Vol. 46, No. 3 (July, 2013): 671–679, Copy at <http://j.mp/NFVja6>

King, Gary; Jennifer Pan; and Molly Roberts. "How Censorship in China Allows Government Criticism but Silences Collective Expression," *American Political Science Review*, Vol. 107, No. 2 (May, 2013): 326–343, Copy at <http://j.mp/LdVXqN>.

King, Gary; and Maya Sen. "The Troubled Future of Colleges and Universities," *PS: Political Science and Politics*, Vol., 46, no. 1 (2013): Pp. 81–113, Copy at <http://j.mp/U82gj2>

Soneji, Samir; and Gary King. "Statistical Security for Social Security," *Demography* (2012), Vol. 49, No. 3: Pp. 1037–1060, copy at <http://j.mp/oi27uz>.

King, Gary, and Samir Soneji. "The Future of Death in America." *Demographic Research* Vol. 25, No. 1 (2011): Pp. 1–38, copy at <http://j.mp/iXUpBv>.

Iacus, Stefano M.; Gary King; and Giuseppe Porro. “Causal Inference Without Balance Checking: Coarsened Exact Matching.” *Political Analysis* (2011), copy at <http://j.mp/iUUwyH>.

King, Gary; Richard Nielsen; and Aaron Wells. “Letter to the Editor on the Medicare Health Support Pilot Program’ (by McCall and Cromwell).” *New England Journal of Medicine* 366, no. 7 (16 February 2012): 667, copy at <http://j.mp/xECMXz>.

Honaker, James; Gary King; and Matthew Blackwell. “Amelia II: A Program for Missing Data,” *Journal of Statistical Software*, Vol. 45, No. 7 (December, 2011), <http://www.jstatsoft.org/v45/i07/>.

Goldstein, Edward; Benjamin J. Cowling; Allison E. Aiello; Saki Takahashi; Gary King; Ying Lu; and Marc Lipsitch. “Estimating Incidence Curves of Several Infections Using Symptom Surveillance Data,” *PLoS ONE*, 6 (2011): e23380, copy at <http://j.mp/rnFl0z>.

Wand, Jonathan; Gary King; and Olivia Lau. “Anchors: Software for Anchoring Vignettes Data.” *Journal of Statistical Software* 42 (2011): 1-25, copy at <http://j.mp/m5tITE>.

King, Gary; Richard Nielsen; Carter Coberley; James E. Pope; and Aaron Wells. “Avoiding Randomization Failure in Program Evaluation,” *Population Health Management*, Vol. 14, No. 1 (2011): S11-S22.

King, Gary. “Ensuring the Data Rich Future of the Social Sciences,” *Science*, Vol. 331 (11 February 2011): 719-721.

Grimmer, Justin and Gary King. “General Purpose Computer-Assisted Clustering and Conceptualization,” *Proceedings of the National Academy of Sciences*, 3 February (2011). Reprinted in Robert J. Franzese Jr., ed., 1997, *Advances in Political Methodology*, Edward Elgar Publishing.

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

Gelman, Andrew and Gary King. “Electoral Responsiveness in U.S. Congressional Elections, 1946–1986,” abstract, *Proceedings of the Social Statistics Section, American Statistical Association*, 1989: P. 208.

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.

### 7.3 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*.

## 7.4 Patents

King, Gary; Brian Lukoff; and Eric Mazur. 2018. “Management of Off-Task Time in a Participatory Environment,” U.S. Patent and Trademark Office, Patent No. 9,965,972 B2, issued 5/8/2018. Copy at <http://j.mp/2I6IKEj>.

Firat, Aykut; Mitchell Brooks; Christopher Bingham; Amac Herdagdelen; and Gary King. 2016. “Systems and methods for calculating category proportions,” U.S. Patent No. 9,483,544, issued 11/1/2016. Copy at <http://j.mp/2mqwX8f>.

King, Gary and Justin Grimmer. 2016. “Method and Apparatus for Selecting Clusterings to Classify a Data Set.” U.S. Patent and Trademark Office, Patent No. 9,519,705 B2. Copy at <http://j.mp/2hSsNn1>.

King, Gary; Brian Lukoff; and Eric Mazur. 2016. “Cross-Classroom and Cross-Institution Item Validation.” U.S. Patent and Trademark Office, Patent No. 9,508,266. Copy at <http://j.mp/2gG9Dkk>.

King, Gary, Brian Lukoff, and Eric Mazur. 2014. “Participant Grouping For Enhanced Interactive Experience,” U.S. Patent and Trademark Office, Patent No. US 8,914,373 B2, Issued 12/16/2014. Copy at <http://j.mp/1EkBPSZ>.

King, Gary, and Justin Grimmer. 2013. “Method and Apparatus for Selecting Clusterings to Classify A Predetermined Data Set,” U.S. Patent and Trademark Office, Patent No. US 8,438,162 B2, Issued 5/7/2013, Copy at <http://j.mp/12cmMDZ>.

Hopkins, Daniel, Gary King, and Ying Lu. 2012. “System for Estimating a Distribution of Message Content Categories in Source Data,” U.S. Patent and Trademark Office, Patent No. US 8,180,717 B2, Issued 5/15/2012, Copy at <http://j.mp/14SQsbp>.

## 7.5 Supreme Court Amici Briefs

Gerken, Heather K.; Jonathan N. Katz; Gary King; Larry J. Sabato; and Samuel S.-H. Wang. 2017. “Brief of Heather K. Gerken, Jonathan N. Katz, Gary King, Larry J. Sabato, and Samuel S.-H. Wang as Amici Curiae in Support of Appellees,” Filed with the Supreme Court of the United States in *Beverly R. Gill et al. v. William Whitford et al.* No. 16-1161. Copy at <http://j.mp/2iJAMZ1>.

Imbens, Guido; Donald B Rubin; Gary King; Richard A Berk; Daniel E Ho; Kevin M Quinn; James D Greiner; Ian Ayres; Richard Brooks; Paul Oyer; and Richard Lempert. 2012. “Brief of Empirical Scholars as Amici Curiae,” Filed with the Supreme Court of the United States in *Abigail Noel Fisher v. University of Texas at Austin, et al.* No. 11-345, Copy at <http://j.mp/2ox5MOU>.

Gary King, Bernard Grofman, Andrew Gelman, and Jonathan Katz. 2005. “Brief of Amici Curiae Professors Gary King, Bernard Grofman, Andrew Gelman, and Jonathan Katz in Support of Neither Party,” Filed with the U.S. Supreme Court in *Jackson v. Perry*. Copy at <http://j.mp/2gw1W1R>.

## 8 Companies Co-Founded

OpenScholar ([TheOpenScholar.com](http://TheOpenScholar.com)), founded by Jessica Drislane and Gary King, 2017–.

Perusall ([Perusall.com](http://Perusall.com)), founded by Gary King, Brian Lukoff, Eric Mazur, and Kelly Miller, 2015–.

Thresher ([Thresher.io](http://Thresher.io)), founded by Rebecca Fair and Gary King, 2015–.

Learning Catalytics ([LearningCatalytics.com](http://LearningCatalytics.com)), founded by Gary King, Brian Lukoff, and Eric Mazur, 2011–2013, (acquired by Pearson).

Crimson Hexagon ([CrimsonHexagon.com](http://CrimsonHexagon.com)), founded by Candace Fleming and Gary King, 2007–.



## 9 Corporate and Nonprofit Boards

Board of Directors, *InMoment*, 2018–.

Editorial Board Member, *Swiss Political Science Review*, 2017–.

Senior Editorial Board, *Science Magazine*, 2015–2016.

Editorial Board Member, *World Politics*, 2013–.

Board of Directors, *Center for Advanced Study in the Behavioral Sciences*, 9/1/2011–.

Board of Directors, *Crimson Hexagon*, Inc., Member 2007–. Chair, 2012–.

Board of Directors, *Thresher*, Inc., Chair, 2015–.

Editorial Board Member, *Journal of Experimental Political Science*, 2013–.

Editorial Board Member, *GigaScience*, 2011–.

Editorial Board Member, *American Sociological Review*, 2010–.

Academic Review Board Member, *International Public Policy Review*, 2010–.

Member, Quantified Self Advisory Board, 2009–.

Editorial Board Member, *Environmental Economics*, March 2009–.

Editorial Board Member, *Statistics, Politics, and Policy*, 2009–.

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 Research* (formerly *American Politics Quarterly*), 1992–2010.

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.

## 10 Selected Conference Activities

[needs updating!]

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.

## 11 Selected University Service Activities

[needs updating!]

University-Wide Social Sciences Advisory Committee (and Chair of the Infrastructure Committee), 2009–2011.

Social Sciences Priority Committee, 2008–2016.

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, 2003–2009.

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

FAS Resources Committee, 1997–.

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.