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BORN February 7th, 1966, Brisbane, Queensland, Australia.

EDUCATION UNIVERSITY OF ROCHESTER Rochester, New York.
PhD 1995. In residence 1989-1991.

PRINCETON UNIVERSITY Princeton, New Jersey.
Visiting Ph.D. student, Woodrow Wilson School of International and Public Affairs,
1991-94.

UNIVERSITY OF QUEENSLAND St. Lucia, Queensland, Australia.
B.A. (with first class Honours in Government) December 1988.

FACULTY APPOINTMENTS

STANFORD UNIVERSITY Stanford, California.
Professor, Department of Political Science; Director, Political Science Computational
Laboratory; Director, Methods of Analysis Program in the Social Sciences. September
2007 - present.

Associate Professor, Department of Political Science and (by courtesy) Department
of Statistics; Director, Political Science Computational Laboratory. September 2002 -
August 2007.

Assistant Professor, Department of Political Science, July 1996 - August 2002.

UNIVERSITY OF SYDNEY Sydney, Australia.
Visiting Professor, United States Studies Centre, September 2008-August 2009.

UNIVERSITY OF CHICAGO Chicago, Illinois.
Assistant Professor, Department of Political Science, July 1994 to June 1996.

BOOKS *Bayesian Analysis for the Social Sciences*. Wiley: New York. 2009.

PUBLICATIONS: ARTICLES IN REFEREED JOURNALS

- A25.** with Joshua Clinton. "To Simulate or NOMINATE?" *Legislative Studies Quarterly*. 2009. To appear.
- A24.** with Matt Levendusky and Jeremy Pope. "Measuring District Preferences with Implications for the Study of U.S. Elections" *Journal of Politics*. 2008. V70(3) :736-753.
- A23.** with Shawn Treier. "Democracy as a Latent Variable". *American Journal of Political Science*. 2008. V52(1): 201-217.
- A22.** with Paul M. Sniderman. "The Limits of Deliberative Discussion: A Model of Everyday Political Argument" *Journal of Politics*. 2006. V68(2): 272-283.
- A21.** "Pooling the Polls Over An Election Campaign". *Australian Journal of Political Science*. 2005. 40(4):499-517.
- A20.** with Joshua Clinton and Doug Rivers. " 'The Most Liberal Senator'? Analyzing and Interpreting Congressional Roll Calls" *PS: Political Science and Politics*. 2004. 37(4):805-811. Reprinted in David A. Rochefort (ed.) 2005. *Quantitative Methods in Practice: Readings from PS*. CQ Press: Washington, DC. pp:104-117.
- A19.** "What Do We Learn from Graduate Admissions Committees?: A Multiple-Rater, Latent Variable Model, with Incomplete Discrete and Continuous Indicators." *Political Analysis*. 2004. 12(4): 400-424.
- A18.** with Joshua Clinton and Doug Rivers. "The Statistical Analysis of Roll Call Data." *American Political Science Review*. 2004. 98(2):355-370.
- A17.** "Bayesian Analysis for Political Research" *Annual Reviews of Political Science*. 2004. 7:483-505.
- A16.** with D. Sunshine Hillygus. "Voter Decision-Making in Election 2000: Campaign Effects, Partisan Activation, and the Clinton Legacy" *American Journal of Political Science*. 2003. 47(4):583-596.
- A15.** "Multidimensional Analysis of Roll Call Data via Bayesian Simulation: Identification, Estimation, Inference and Model Checking" 2001. *Political Analysis*. 9(3):227-241.
- A14.** "Estimation and Inference are 'Missing Data' Problems: Unifying Social Science Statistics via Bayesian Simulation." 2000. *Political Analysis*. 8(4):307--332.
- A13.** "Estimation and Inference via Bayesian Simulation: an introduction to Markov Chain Monte Carlo." 2000. *American Journal of Political Science*. 44(2):375-404.
- A12.** "Non-Compulsory Voting in Australia?: what surveys can (and can't) tell us." 1999. *Electoral Studies*. 18(1):29-48.
- A11.** "Correcting Surveys for Non-Response and Measurement Error using Auxiliary Information." 1999. *Electoral Studies*. 18:7-28.
- A10.** "Pauline Hanson, the Mainstream, and Political Elites: the place of race in Australian political ideology." *Australian Journal of Political Science*. 1998. 33:167-

186.

A9. with Neal Beck. "Beyond Linearity By Default: Generalized Additive Models." *American Journal of Political Science*. 1998. 42:596-627.

A8. "Some More of All That: a Reply to Charnock." *Australian Journal of Political Science*. 1995. 30:347-55.

A7. with Gary Marks. "Forecasting Australian Elections: 1993 And All That." *Australian Journal of Political Science*. 1994. 29:277-91.

A6. with Bruce Western. "Bayesian Inference for Comparative Research." *American Political Science Review*. 1994. 88(2):412-23.

A5. "Measuring Electoral Bias: Australia, 1949-1993." *British Journal of Political Science*. 1994. 24:319-57.

A4. "Split Parties Finish Last: Preferences, Pluralities and the 1957 Queensland election." *Australian Journal of Political Science*. 1992. 27:434-48.

A3. with Francis Vella. "Electoral Redistricting and Endogenous Partisan Control." *Political Analysis*. 1991. 3:155-71.

A2. with Richard G. Niemi. "Bias and Responsiveness in State Legislative Districting." *Legislative Studies Quarterly*. 1991. 16(2):183-202.

A1. with Richard G. Niemi and Laura R. Winsky. "Candidacies and Competitiveness in Multimember Districts." *Legislative Studies Quarterly*. 1991. 16(1):91-110.

PUBLICATIONS: BOOK CHAPTERS

C10. "Measurement". Janet Box-Steffensmeier, Henry Brady and David Collier (eds). 2008. *The Oxford Handbook of Political Methodology*. Oxford: Oxford University Press.

C9. "Bayesian Analysis". Kurian, George T. (ed). *International Encyclopedia of Political Science*. Washington, D.C.: Congressional Quarterly Press. To appear.

C8. "Incumbency Advantage and Candidate Quality". Simms, Marian and John Warhurst (eds). 2005. *Mortgage Nation: the 2004 Australian Election*. Perth, Western Australia: API Network. pp: 335-347.

C7. "Bayes Factors", "Bayes Theorem", "Generalized Additive Models" and "Generalized Least Squares". In Michael Lewis-Beck, Alan E. Bryman, and Tim Futing Liao (eds). *SAGE Encyclopedia of Social Science Research Methods*. 2003. Thousand Oaks, California: Sage Publications.

C6. "Political Parties and Electoral Behaviour" In Ian McAllister, Steve Dowrick and Riaz Hassan (eds.) *The Cambridge Handbook of the Social Sciences in Australia*. 2003. Cambridge University Press: Cambridge. pp: 266-286.

C5. with Paul M. Sniderman. "Pluralistic Intolerance, Political Culture and Democratic Theory." In Gérard Grunberg, Nonna Mayer and Paul M. Sniderman (eds.), *Democracy Under Strain (La démocratie à l'épreuve: une nouvelle approche de l'opinion des*

Français). 2002. Presses de Sciences Po: Paris.

C4. with Paul M. Sniderman. “Democratic Discussion: The Role of Reasons and Political Sophistication in Political Argument.” In Gérard Grunberg, Nonna Mayer and Paul M. Sniderman (eds.), *Democracy Under Strain (La démocratie à l'épreuve: une nouvelle approche de l'opinion des Français)*. 2002. Presses de Sciences Po: Paris.

C3. with Paul M. Sniderman. “The Institutional Organization of Choice Spaces: a political conception of political psychology.” In Kristen Monroe (ed.), *Political Psychology*. 2002. Lawrence Erlbaum: Mahway, New Jersey. pp: 209-224.

C2. “Compulsory Voting”, *International Encyclopedia of the Social and Behavioral Sciences*. 2001. Elsevier: Oxford, UK.

C1. “Liberalism, Public Opinion, and their Critics: some lessons for defending science.” *Annals of the New York Academy of Sciences*, 1996, 775:346-368. Reprinted in Paul R. Gross and Norman Levitt (eds.), *The Flight from Science and Reason*. 1997. Johns Hopkins University Press: Baltimore, MD. pp:346-368.

OTHER PUBLICATIONS

013. with Micah Altman. “Nineteen ways of looking at statistical software”. *Journal of Statistical Software*. 2009. To appear.

012. with Peter Brent. “A Shrinking Australian Electoral Roll?” *Democratic Audit of Australia*. 2008.

011. “Data from the Web into R”. *The Political Methodologist* (Newsletter of the Political Methodology Section of the American Political Science Association). 2007. V14(2): 11-15.

010. “Out of Step or Out of Office? (or just a bad election for Republicans)” www.Pollster.com. November 11, 2006.

09. “A Methodological Education in Four Parts (Part III)”. *The Political Methodologist* (Newsletter of the Political Methodology Section of the American Political Science Association). 2004. 12(2):6-11.

08. “R for the Political Methodologist”. *The Political Methodologist* (Newsletter of the Political Methodology Section of the American Political Science Association). 2003. 11(2):20-22.

07. “President Bush, the Public and the 2002 Elections” (with Richard A. Brody). *The Polling Report*. September 2, 2002. V18(17).

06. “Understanding Statistics and Statisticians (a review essay)” *The Political Methodologist* (Newsletter of the Political Methodology Section of the American Political Science Association). 2002. 10(2):19-20.

05. “Calculating and Plotting Confidence Intervals” *The Political Methodologist* (Newsletter of the Political Methodology Section of the American Political Science Association). 1999. 9(1):14-15.

04. “Political Elites and the Mainstream.” *Labor Herald* (newspaper of the Australian

Labor Party). May 1997. p3.

03. “Rats and Representation: the Colston defection.” *Current Affairs Bulletin* V73(3). October/November 1996. 23-26.

02. “GAUSS and S-PLUS: a comparison.” *The Political Methodologist* (Newsletter of the Political Methodology Section of the American Political Science Association). 1994. 6(1):8-13.

01. “Graduate Study in Political Science in the United States.” *APSA Newsletter* (Newsletter of the Australasian Political Studies Association). 1992. 59:2-3.

AWARDS AND FELLOWSHIPS

SOUTHERN POLITICAL SCIENCE ASSOCIATION

The *Journal of Politics* 2006 Best Paper Award, for “The Limits of Deliberative Discussion: A Model of Everyday Political Arguments” (with Paul M. Sniderman; listed above as peer-refereed article A22).

UNIVERSITY OF SYDNEY

Sydney, Australia

New South Wales Residency Expatriate Researchers Award, University of Sydney, the New South Wales Department of Education and the Commonwealth Scientific and Industrial Research Organisation. Support for a 12 week visit to the School of Economics and Political Science, University of Sydney, July-September, 2007.

STANFORD UNIVERSITY

Stanford, California.

Dean’s Award for Distinguished Teaching, School of Humanities and Science, 2000/01.

STANFORD UNIVERSITY

Stanford, California.

Victoria Schuck Faculty Scholar, School of Humanities and Sciences. September 2000 to September 2003.

AUSTRALIAN NATIONAL UNIVERSITY

Canberra, Australia.

Research Fellow, Department of Political Science and Reshaping Australian Institutions Project, Division of Economics and Politics, Research School of the Social Sciences, August 1996 to September 1997.

PRINCETON UNIVERSITY

Princeton, New Jersey.

visiting student, 1991-94, supported by fellowship from Woodrow Wilson School of Public and International Affairs.

CONTRIBUTED SOFTWARE

pscl: a package of classes and methods for R developed in the Political Science Computational Laboratory, Stanford University, developed with the assistance of Christina Maimone and Alex Tahk.

loess: an implementation of scatterplot smoothing using local regression, now part of GAUSS, available from Aptech Systems Inc., 23804 S.E. Kent-Kangley Road, Maple Valley, Washington 98038.

RESEARCH GRANTS

NATIONAL SCIENCE FOUNDATION Washington, DC
“The Politics of Identity and Democratic Values”, with Paul M. Sniderman. June 2001-June 2003.

OFFICE OF TECHNOLOGY LICENSING RESEARCH INITIATIVES Stanford University
“The New Political Methodology: Analysis and Inference via Visualization and Simulation”. June 2000 - June 2002.

NATIONAL SCIENCE FOUNDATION Washington, DC
“Democracy, Toleration, and the Strains of French Politics”, with Paul M. Sniderman. Jan 1999-Jan 2002.

SIQSS Stanford University
Stanford Institute for the Quantitative Study of Society. “Individual Responses to the Lewinsky Affair” (with Richard A. Brody) December 1998-June 1999.

TEACHING INTERESTS

Political Methodology: Scope and methods of political science, mathematics for social scientists, foundations and history of statistical inference, introductory through advanced econometrics and data analysis, Bayesian approaches to econometrics and statistics, models for measurement of political phenomena, statistical computing and graphical displays of data, Bayesian statistics

American Politics: Political parties, elections, campaigns, electoral behavior and political participation, public opinion, the political uses of quantitative data and statistical arguments, media and politics.

JOURNAL REFEREEING

American Political Science Review; American Economic Review; American Journal of Political Science; Journal of Politics; Australian Journal of Political Science; Australian Parliamentary Review; British Journal of Political Science; Electoral Studies; Political Analysis; Political Behavior; Political Research Quarterly; Public Opinion Quarterly; Sociological Methods and Research; Social Science Quarterly.

SERVICE TO THE PROFESSION

Principal Investigator, Co-operative Campaign Analysis Project, 2007-08.

Program Committee, Annual Summer Meetings of the Society for Political Methodology, 2009.

Editorial Board, *Public Opinion Quarterly*, 2008-present.

Distinguished Career Achievement Award Committee, Society for Political Methodology, 2008.

Editorial Board, *American Political Science Review*, September 2007-present.

Chair, Distinguished Career Achievement Award Committee, Society for Political Methodology, 2007.

Editorial Board, *Political Science Network*, 2007-present.

Editorial Board, *Political Analysis*, quarterly journal of the Political Methodology Section of the American Political Science Association, 2001-2003; 2004-2007; 2008-2010.

Program Committee, UseR! Conference, Vienna, Austria, June 2006.

Associate Editor, *Annual Reviews of Political Science*, 2005-present.

Editorial Board, *American Journal of Political Science*, November 2005 - present.

Editorial Board, *Australian Parliamentary Review*

Editorial Board, *Electoral Studies*

Program Committee, Annual Summer Meetings of the Political Methodology Section of the American Political Science Association, 2004.

President, Society for Political Methodology and the Political Methodology Section of the American Political Science Association, 9/2003-9/2005.

Program Committee, Annual Summer Meetings of the Political Methodology Section of the American Political Science Association, 2003.

Board of Overseers, American National Election Studies, September 2002 - October 2005.

Faculty Associate, Empirical Implications of Theoretical Models Workshop, 2002, 2003, 2005, 2006, 2007.

Vice-President, Political Methodology Section of the American Political Science Association, 2001-2003

Chair, program committee, Annual Summer Meetings of the Political Methodology Section of the American Political Science Association, 2002

referee, National Science Foundation.

lecturer, "Bayesian Modeling for the Social Sciences" at the 1998, 1999, 2000 and 2001 ICPSR Summer Schools in Quantitative Methods, Hubert M. Blalock Memorial Lecture Series: Advanced Topics in Social Research -- Frontiers of Quantitative Methods

lecturer, short course in Bayesian statistics at the Annual Meetings of the American Political Science Association, Boston, Massachusetts, September 2, 1998.

selection committee, 1998 summer meetings of the Political Methodology Society, University of California, San Diego

contributor, *The Political Methodologist*, Newsletter of the Methodology Section of the American Political Science Association.

contributor, *Newsletter* of the Australasian Political Studies Association.

invited seminars and workshops at Yale University (March 2004; March 2009),

Harvard University (February 2004; June 2008; December 2008), University of Minnesota, Minneapolis (November 1998), University of California, Berkeley (April 1998), University of California, Davis (February 2003), University of California, Los Angeles (April 2000, April 2009), University of California, San Diego (November 1997; April 1998; February 2001), University of California, Santa Barbara (May 2000; May 2003), University of Iowa (October 2006), Old Dominion University (January 2005), New York University (May 2002; November 2005), Nuffield College, Oxford University (November 2007); University of Pittsburgh (March 2002), Pennsylvania State University (April 2005), Princeton University (September 2000, December 2001, May 2008, March 2009), University of Houston (February 2001), Stanford University Statistics Department (May 2001, April 2005, April 2009), Texas A&M University (February 1996), Tel Aviv University (November 1994), University of Washington (April 2002), University of Queensland (October 1992, May 1997), and the Australian Parliamentary Library (Parliament House, Canberra, September 1997).

DEPARTMENT AND UNIVERSITY SERVICE

Director, Method of Analysis Program in the Social Sciences, 2007-present.

Chair, American Politics Search Committee, Department of Political Science, 2007/08.

Chair, Graduate Admissions Committee, Department of Political Science, 2006/07, 2007/08.

Method of Analysis in the Social Sciences, Steering Committee, 2005-07.

University Committee on Academic Computing and Information Systems, 2004-07.

Director of Graduate Studies, Department of Political Science. 2003-present.

Curriculum Committee, 2002-present.

Chair, Political Methodology Search Committee, 2002/03.

Chair, Dean's Committee on Social Science Computing, 2002-03.

Committee on Social Science Computing, 2001/02

Political Methodology Search Committee, 2001/02

Graduate Admissions Committee, 1997/98, 1998/99, 1999/00.

Field Convener, American Politics 1997/98, 1998/99.

Field Convener, Political Methodology, 1999/2000.

American Politics Search Committee, 1998/99.

Science, Technology and Society Search Committee, 1998/99.

Convener, Honors College, September 1999.

International Relations Search Committee, 1999/2000.

Computer Network Administrator, Department of Political Science, 1999/2000.

Ad-hoc Committee on the Department's move to Encina Hall, 1999/2000.

Co-Convenor, Department Speaker Series, 1999/2000.

Presentation to the Senate Committee on Academic Computing and Information Systems, February 26, 2001.

Presentations to Stanford Alumni Associations, Los Gatos (September 2000), Monterey Bay (October 2000), Sydney, Australia (January 2001).

Graduate Admissions and In-Residence Student Evaluation Committee, Department of Political Science, University of Chicago, 1994/95, 1995/96.