

NATHANIEL L. BECK

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CURRICULUM VITAE

TEACHING

2009-10 Visiting Professor, CEACS, Juan March Institute, Madrid, Spain
2003- Professor, NYU
1993-2003 Professor, University of California, San Diego
1990-2001 Lecturer, Summer Program, Interuniversity Consortium for Political Research,
University of Michigan
1986-93 Associate Professor, University of California, San Diego
1988-96 Lecturer, Summer Program, European Consortium for Political Research,
Summer Program, Essex University, England
1986-87 Visiting Associate Professor, Harvard University
1978-86 Assistant Professor, University of California, San Diego
1973-78 Assistant Professor, Washington State University

EDUCATION

1977 Ph.D., Yale University
Dissertation: Policy Motivated Participation
1972 M. Phil., Yale University, Political Science
1969 M.A., Yale University, Political Science
1967 B.A., University of Rochester, Mathematics and Political Science

PRIZES

Gosnell Prize (best paper presented in political methodology), 1997 and 1999
Fellow, American Academy of Arts and Sciences (2006)
Inaugural Fellow, Society for Political Methodology (2008)
Lifetime Achievement Award, Society for Political Methodology (2011)

MISCELLANEOUS

Editor, *Political Analysis*, 1999-2003
Co-Editor, *Analytic Methods for Social Research*, Cambridge University Press, 2003-Co-
Editor, *Elements*, Cambridge university Press, 2016-
Associate Editor (current): *Stata Journal*
Editorial Boards (Current): *American Political Science Review*, *Journal of Politics*
(Previous) *American Journal of Political Science*, *Public Opinion Quarterly*, *World Politics*

MAJOR PUBLICATIONS

- “A Note on the Probability of a Tied Election,” Public Choice (Fall, 1975).
- “The Paradox of Minimax Regret,” American Political Science Review, (Fall, 1975).
- “Parties, Administrations and Macroeconomic Outcomes,” American Political Science Review (March, 1982).
- “Presidential Influence on the Federal Reserve in the 1970’s,” American Journal of Political Science (August, 1982).
- “Time-varying Parameter Regression Models,” American Journal of Political Science (August, 1983).
- “Reply to Hibbs,” American Political Science Review (June, 1984).
- “Domestic Political Sources of American Monetary Policy: 1955-1982.” Journal of Politics (August, 1984).
- “Estimating Dynamic Models is Not Merely a Matter of Technique,” Political Methodology, (1986).
- “Elections and the Fed: Is there a Political Monetary Cycle,” American Journal of Political Science, (February, 1987).
- “Politics and Monetary Policy”, in T. Willett, ed., The Political Economy of Stagflation, (Duke University Press, 1988).
- “Congress and the Fed: Why the Dog Doesn’t Bark in the Night,” in T. Mayer, ed., The Political Economy of the Fed, (Cambridge University Press, 1988).
- “Presidents, the Economy, and Elections: A Principal-Agent Perspective,” in P. Brace, C. Harrington and G. King, eds., The Presidency In American Politics, (NYU Press, 1988).
- “Political Monetary Cycles,” in T. Mayer, ed., The Political Economy of the Fed, (Cambridge University Press, 1989).
- “Estimating Dynamic Models Using Kalman Filtering,” Political Analysis, I (1989).
- “The Economy and Presidential Popularity: An Attempt at a Rational Model and Improved Econometric Estimates,” in J. Lafay, M. Lewis-Beck and H. Norpoth (eds.), Economics and Elections in the United States and Western Europe, (University of Michigan Press, 1990).
- “Comparing Dynamic Specifications: The Case of Presidential Approval”, Political Analysis, III, (1991).
- “Is There an Electoral Cycle in Money? If So, Is It Caused by the Fed?”, Contemporary Policy Issues (April 1991).
- “The Illusion of Cycles in International Relations,” International Studies Quarterly (December 1991).

- “The Methodology of Cointegration,” Political Analysis, Vol. IV, (1992) pp. 237-247.
- “Government Partisanship, Labor Organization and Macroeconomic Performance: A Corrigendum,” (co-written with J. Katz, M. Alvarez, G. Garrett, and P. Lange), American Political Science Review, Vol. 87 (1993), pp. 945-948.
- “An Institutional Analysis of the Proposed European Central Bank with Comparisons to the U.S. Federal Reserve System,” in Pierre L. Siklos, ed., Varieties of Monetary Reform. (Boston: Kluwer Press, 1994), pp. 193-218.
- “What to Do (and Not to Do) with Time-Series—Cross-Section Data,” (co-written with Jonathan N. Katz), American Political Science Review, Vol. 89 (1995), pp. 634-647.
- “Nuisance vs. Substance: Specifying and Estimating Time-Series—Cross-Section Models,” (co-written with Jonathan N. Katz), Political Analysis, Vol. VI (1996), pp. 1-36.
- “Beyond Linearity by Default: Generalized Additive Models,” (co-written with Simon Jackman), American Journal of Political Science, Vol. 42 (1998), pp. 596-627.
- “Taking Time Seriously: Time-Series-Cross-Section Analysis with a Binary Dependent Variable,” (co-written with Jonathan Katz and Richard Tucker), American Journal of Political Science, Vol. 42 (1998), pp. 1260-1288.
- “Modelling Space and Time: The Event History Approach” in Research Strategies in Social Science, Elinor Scarbrough and Eric Tanenbaum, eds., Oxford University Press, 1999.
- “Evaluating Forecasts and Forecast Models of the 1996 Presidential Election” in Before the Vote: Forecasting the 1996 American National Elections, James Campbell and James Garand, eds., Sage Publications, 2000.
- “Political Science: A Welcoming Discipline,” Journal of the American Statistical Association, Vol. 95 (2000), pp. 651-4i.
- “Improving Quantitative Studies of International Conflict: A Conjecture,” (co-written with Gary King and Langche Zeng), American Political Science Review, Vol. 94 (2000), pp. 21-36.
- “Throwing Out the Baby with the Bathwater: A Comment on Green, Yoon and Kim” (with Jonathan N. Katz, International Organizations, Vol. 55 (2001), pp. 487-95.
- “Time-Series Cross-Section Data” Statistica Neerlandica, Vol. 55 (2001), pp. 110-32.
- “Time-Series Cross-Section Data: What Have We Learned in the Past Few Years?” Annual Review of Political Science. Vol. 4 (2001), pp. 271-93.
- “Modeling Dynamics in the Study of Conflict: A Comment on Oneal and Russett.” In Gerald Schneider, Katherine Barbieri, Nils Petter Gleditsch (Eds.) Globalization and Armed Conflict. Lanham: Rowman&Littlefield. 2003.
- “Time-Series—Cross-Section Data” In Kimberly Kempf- Leonard (Ed.), Encyclopedia of Social Measurement San Diego, CA: Academic Press. 2003.

- “Time-Series” In Michael Lewis-Beck , Alan Bryman , and Tim Futing Liao (Eds.), Encyclopedia of Social Science Research Methods. Thousand Oaks: Sage. 2004. (Major entry; also minor entries on “Lag Structure” and “Unit Roots.”)
- “Theory and Evidence in International Conflict” (with Gary King and Langche Zeng). American Political Science Review. Vol. 98 (2004), pp. 379-89.
- “Multilevel Analyses of Comparative Data: A Comment.” Political Analysis. Vol. 13 (2005), pp. 457-8.
- “Space in More than Geography: Using Spatial Econometrics in the Study of Political Economy” (with Kristian Gleditsch and Kyle Beardsley). International Studies Quarterly. Vol. 50 (2006), pp. 27-44.
- “Is Causal-Process Observation an Oxymoron?” Political Analysis. Vol. 14 (2006) , 347-352.
- “Commentary: Nathaniel Beck and Jonathan N. Katz. 1995. “What to Do (and Not to Do) with Time-Series Cross-Section Data.”” (with Jonathan Katz) American Political Science Review. Vol. 100 (2006): 676-7.
- “Random Coefficient Models” (with Jonathan Katz). Political Analysis. Vol. 15 (2007): 182-195
- “From Statistical Nuisances to Serious Modeling: Changing How We Think About the Analysis of Time-Series–Cross-Section Data.” Political Analysis. Vol. 15 (2007): 97-100.
- “Time-Series—Cross-Section Methods.” In Oxford Handbook of Political Methodology. Janet Box-Steffensmeier, Henry Brady and David Collier (eds.). New York: Oxford University Press. 2008 (pps. 475-93)
- “Time Is Not a Theoretical Variable.” Political Analysis., Vol. 18(2010):293-4.
- “Causal Process ``Observation”: Oxymoron or (Fine) Old Wine.” Political Analysis. Vol. 18(2010):499-505.
- "Methodology." In International Encyclopedia of Political Science. Badie, Bertrand, Berg-Schlosser, Dirk and Morlino, Leonard (eds.). Thousand Oaks, Ca.: Sage. 2011. (8000 word entry)
- "Simultaneous Equation Estimation." In International Encyclopedia of Political Science. Badie, Bertrand, Berg-Schlosser, Dirk and Morlino, Leonard (eds.). Thousand Oaks, Ca.: Sage. 2011. (1800 word entry)
- International Encyclopedia of Political Science. Badie, Bertrand, Berg-Schlosser, Dirk and Morlino, Leonard (eds.). Thousand Oaks, Ca.: Sage. 2011. (Co-editor for methodology, responsible for about one volume of the seven volume encyclopedia)
- “Modeling Dynamics in Time-Series--Cross-Section Political Economy Data.” (with Jonathan Katz) Annual Review of Political Science. Vol. 14(2011):331-52
- “Of Fixed Effects and Invariant Variables.” Political Analysis. Vol. 19(2011)119-122.

“Of Nickell bias and its cures: Comment on Gaibulloev, Sandler, and Sul.” (with Jonathan Katz and Umberto Mignozzetti) *Political Analysis* 22(2014):274-278

“Estimating grouped data models with a binary dependent variable with fixed effects via a logit versus a linear probability model: The impact of dropped units.” *Political Analysis* 28(2020):139-145

“Methodology: Quantitative and Qualitative Approaches (9000 words).: Berg-Schlusser, et al., (ed)., Sage Handbook of Political Science. Forthcoming, 2020.

ARTICLES IN "THE POLITICAL METHODOLOGIST"

"Choosing a Computer Package for Political Methodology Courses." Vol. 2(2), 1989

"We Should Be Modest." Vol. 5 (2), 1994

"Reporting Heteroskedasticity Consistent Standard Errors." Vol. 7(2), 1996

"Stata 5: A First Look." Vol. 8(1), 1997

"Stata 8: A First Look from a Personal Perspective." Vol. 11(2), 2003

"Stata 9: Another First Look." Vol. 13(2), 2005

"Stata 10: Another First Look. Vol. 15(1), 2007

"Review of Microeconometrics: Methods and Applications by A. Colin Cameron and Pravin K. Trevedi." Vol. 16(2), 2009

"Stata 11: A Quick Look." Vol. 17(2), 2010.

"Making Regression and Related Output More Helpful to Users," Vol. 18(1), 2010

RECENT CONFERENCE PAPERS (UNPUBLISHED)

“Fixed Effects for TSCS data.” Annual Meeting of the Society for Political Methodology, Princeton University, July, 2011

“Sweeping fewer things under the rug: tis often(usually?) better to model than be robust.” Annual Meeting of the Society for Political Methodology, Duke University, July, 2012

MAJOR RESEARCH GRANTS

NSF – The Politics of Monetary Policy, \$120,000, 1981-84

NSF – Time-Series—Cross-Section-Data, \$140,000 (with Jonathan Katz), 2002-04

Revised: January, 2020