

POLITICAL ANALYSIS

PO840, Spring 2011

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This course provides an introduction to methodological issues faced in empirical work across the social sciences, with primary reference to political science. The issues addressed here are intended to apply to any empirical approach -- qualitative or quantitative, experimental or observational -- and to any sort of theory, whether descriptive or causal. That said, the emphasis of the course is primarily on causal inference (rather than description) and the explanation of classes of events (rather than particular events), since these are the preoccupations of social science today.

This is not a course in statistics. However, it will be very helpful to have some familiarity with this important set of topics. To this end, I strongly advise that you take concurrently, or have taken previously, an introductory course in statistics, such as PO841. As a second-best alternative, I suggest reading an introductory text on the subject (see syllabus appendix for suggestions).

The course is designed primarily for graduate students. Qualified undergraduates may also be considered if circumstances warrant, but must receive the permission of the instructor. Students are advised to take this class in their first semester, as the ground covered here will be useful for substantive work in all subfields (except Political Theory). There are no pre-requisites, although the student is assumed to have a background in political science.

GRADES: Your grade for this class will be comprised of three components, equally weighted: (a) participation (serving as class discussant at one meeting, presenting your own proposal at another meeting, attendance, and general class discussion); (b) a final exam; and (c) an original research proposal. Instructions regarding the proposal are contained in a separate document, to be posted on the course web site.

Since the class meets a limited number of times throughout the semester, only *one* excused absence will be granted. I shall overlook the first class meeting, which is largely organizational; further absences will be penalized. Late papers will also be penalized. No excused absences, makeups, extensions, or incompletes will be granted without documentation of medical, religious or personal reasons, or for official Boston University business. If you will be missing class for religious reasons you must inform me of these dates *during the first week of class*.

CLASS PARTICIPATION: Whether this course is enlightening or not will depend primarily upon how students contribute to the process. I expect active participation from all students in every session. I do *not* wish to lecture extensively. Nor do I intend to act as quiz-master, eliciting points. I will play this role if necessary, though I am hoping that the discussants will relieve me of this burden. To reiterate: you must participate regularly in order to get a good grade in this class. Shyness, or unfamiliarity with the English language, is no excuse. This is a talking profession. Yadayadayada. Please be attentive to standard rules of decorum: avoid dogmatism, respect others' views, and try to move class discussion forward (pay attention to what others say and respond to the previous point).

DISCUSSANT: Each person will be responsible (singly or in tandem with someone else) for leading class discussion for one or two meetings. Your job is to raise questions, to correct mistakes (or at least offer your own opinion, when you have a different interpretation), and in general to ensure that everyone understands

the issues raised by the readings for that week. In other words, you're the instructor. I must emphasize that *this does not let others off the hook for doing careful reading that week*. No free-riding.

PRESENTING YOUR PROPOSAL IN CLASS: At the beginning of the semester you will sign up to present your proposal at a specific class meeting. Only one student will present at each class meeting so we need to space these presentations out over the course of the semester. The advantage of going early in the semester is that it will force you to get started and you will get our feedback at an early stage. The disadvantage, evidently, is that you will have less time to construct your proposal.

In any case, what you present to us is up to you. Keep in mind that the more finished this product is, the better, and more useful, our feedback will be. If you present only a paragraph then you'll have to spend most of the time telling us more about your project and this will take away from more specific comments that you might receive from the class. Thus, it is in your interest to construct as complete a proposal as you can within the time constraints of the semester. The point to remember is that you will be graded only on the final product – what you turn in at the end of the semester. Thus, the presentation is entirely for *your* benefit. Use it wisely by preparing as good a proposal as you can and by listening carefully (and taking notes) on what members of the class have to say. I hope that the class will function like a dissertation-writing workshop (which I strongly advise you to create, once you reach that stage). I want us each to help each other. Note that I also usually present work-in-progress, so this is truly a community activity.

Please send everyone a copy of your proposal via email by noon one day before the day you are to present. We will critique, and praise, each proposal in class. Ideally, your written proposal will speak for itself, though you will have a chance, of course, to respond to comments and to expatiate on your ideas.

While the primary beneficiary of each of these class discussions will presumably be the writer of that day's proposal, I also expect this to be a learning experience for the rest of us. My own experience is that one learns as much from one's colleagues' successes and failures as one does from general reading about methodological principles or highly polished academic articles. So, the discussion of proposals is an integral part of the course. I hope that you will read each others' work carefully -- out of a sense of mutual obligation *and* as a model for things you might wish to explore (or avoid) in your own work.

FINAL EXAM: The final exam will cover everything -- all required reading and all in-class discussion. (Many of the questions on the final will have been discussed in class.) It is a closed-book, closed-note test -- just you and the exam. I strongly encourage you to take notes during class and on the readings and to study in small groups for the final. It will be difficult, if not impossible, to pull things together if you have only the readings to fall back on at the end of the semester.

READINGS: The reading for graduate courses is extensive; this course is no exception. As it is, we are barely scratching the surface of this vast subject matter. Each week's reading will probably take you more than one night to get through. Do not wait until the night before to start reading!

Note also that readings are chosen for their heuristic value, not necessarily for their methodological rigor. Just because a book or article appears on this syllabus does not mean that it has received a seal of approval from the methodological rabbinical council.

NOTATION: * = To purchase ** = To be posted on the class web site (*Courseinfo*) *** = Available on-line. Please bring all required readings to class so that we can refer to specific passages. Some readings are assigned twice on the syllabus; if so, the second assignment is marked as "review." Readings *not* marked by an asterisk are suggested, but not required. (Additional examples for a subset of topics may be found on my PO502 syllabus, which is posted on my BU homepage.)

TO PURCHASE: (check *Fetchbook.info* for used editions)

*Gerring, John. 2007. *Case Study Research: Principles and Practices*. Cambridge: Cambridge University Press.

*Gerring, John. 2010. *Social Science Methodology: Tasks, Strategies, Criteria*. Cambridge: Cambridge University Press.

*Weisberg, Herbert F. 2005. *The Total Survey Error Approach: A Guide to the New Science of Survey Research*. Chicago: University of Chicago Press.

RECOMMENDED:

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

Brady, Henry; David Collier (eds). 2004. *Rethinking Social Inquiry: Diverse Tools, Shared Standards*. Roman and Littlefield.

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

Organization (DATE)

Sign up for class presentations.

Readings:

**Gerring, John. "Guidelines for the Proposal." [Describes the writing assignment, due at the end of the semester.]

**Gerring, John. 2010. *Social Science Methodology: Tasks, Strategies, Criteria*. Cambridge: Cambridge University Press. [ch 2]

Description

Overview (DATE)

Discussant:

Proposal:

Readings:

**Gerring, John. 2010. *Social Science Methodology: Tasks, Strategies, Criteria*. Cambridge: Cambridge University Press. [chs 3-7]

Concepts...

***Sartori, Giovanni. 1970. "Concept Misformation in Comparative Politics." *American Political Science Review* 64:4 (December) 1033-46.

Collier, David, James E. Mahon, Jr. 1993. "Conceptual 'Stretching' Revisited: Adapting Categories in Comparative Analysis." *American Political Science Review* 87:4 (December) 845-55.

Collier, David; John Gerring (eds). 2009. *Concepts and Method: Giovanni Sartori and His Legacy*. Routledge.

Goertz, Gary. 2006. *Social Science Concepts: A User's Guide*. Princeton: Princeton University Press.

Mansbridge, Jennifer. 2003. "Rethinking Representation." *American Political Science Review* (November) 515-28.

Laudan, Larry. 1977. "Conceptual Problems." Chapter two of *Progress and Its Problems: Towards a Theory of Scientific Growth*, 45-70.

Pitkin, Hanna Fenichel. 1967. *The Concept of Representation*. Berkeley: University of California Press.

Sartori, Giovanni. 1984. "Guidelines for Concept Analysis." In *Social Science Concepts: A Systematic Analysis* (Beverly Hills: Sage) 15-48.

Measurement...

Adcock, Robert, David Collier. 2001. "Measurement Validity: A Shared Standard for Qualitative and Quantitative Research." *American Political Science Review* 95:3 (September) 529-46.

Duncan, Otis Dudley. 1984. *Notes on Social Measurement: Historical and Critical*. New York: Russell Sage. [From the perspective of sociology.]

Jacoby, William G. 1999. "Levels of Measurement and Political Research: An Optimistic View." *American Journal of Political Science* 43, 271-301.

Judd, Charles M.; Gary H. McClelland. 1998. "Measurement." In D.T. Gilbert, S.T. Fiske, and G. Lindzey (eds), *The Handbook of Social Psychology* (Boston: McGraw-Hill). [From the perspective of psychology.]

Tinsley, Howard E.A.; David J. Weiss. 1975. "Inter-rater Reliability and Agreement of Subjective Judgments." *Journal of Counseling Psychology* 22, 358-76.

- Traub, Ross E. 1994. *Reliability for the Social Sciences: Theory and Applications*. Thousand Oaks, CA: Sage.
- Velleman, Paul F.; Leland Wilkinson. 1993. "Nominal, Ordinal, Interval, and Ratio Typologies are Misleading." *American Statistician* 47, 65-72.
- Weller, Susan C.; A. Kimball Romney. 1988. *Systematic Data Collection*. Newbury Park, CA: Sage. [From the perspective of quantitative anthropology.]
- Zeller, Richard; Edward G. Zeller. 1980. *Measurement in the Social Sciences: The Link between Theory and Data*. Cambridge: Cambridge University Press.

Gathering Data and Measurement Issues (I) (DATE)

Discussant:

Proposal:

Readings:

Behavior-based quantitative evidence...

Wars, regime transitions, voting, deaths, murders,...

Archival/document-based Research...

**Harrison, Hope. "Inside the SED Archives: A Researcher's Diary." *CWIHP bulletin*.

**Lieshout, Robert H., Mathieu L.L. Segers, and Anna M. van der Vleuten. "De Gaulle, Moravcsik, and *The Choice for Europe*." *Journal of Cold War Studies* 6:4 (Fall) 89-139. [skim]

Allison, Graham T. 1969. "Conceptual Models and the Cuban Missile Crisis." *American Political Science Review* 63:3 (September) 689-718.

Finnegan, Ruth. 1996. "Using Documents." In Roger Sapsford and Victor Jupp (eds), *Data Collection and Analysis* (Thousand Oaks, CA: Sage) 138-52.

Goldgeier, James M. 2004. "Training Graduate Students in Conducting Archival Research." *NewsNet* (October). [Describes the GWU Cold War summer school program, which is oriented toward US, Russian and other archives of use to those studying foreign policy and IR.]

Goldthorpe, John H. 2000. *On Sociology: Numbers, Narratives, and the Integration of Research and Theory*. Oxford: Oxford University Press. [pp. 65-93]

Jupp, Victor. 1996. "Documents and Critical Research." In Roger Sapsford and Victor Jupp (eds), *Data Collection and Analysis* (Thousand Oaks, CA: Sage) 298-316.

Lustick, Ian. 1996. "History, Historiography, and Political Science: Multiple Historical Records and the Problem of Selection Bias." *American Political Science Review* (September) 605-18.

Thies, Cameron G. 2002. "A Pragmatic Guide to Qualitative Historical Analysis in the Study of International Relations." *International Studies Perspectives* 3, 351-72.

Trachtenberg, Marc. 2006. *The Craft of International History: A Guide to Method*. Princeton: Princeton University Press.

Wohlforth, William. 1998. "Reality Check: Revising Theories of International Politics in Response to the End of the Cold War." *World Politics* 50:4 (July) 650-80.

Textual (Content/Discourse) analysis...

Guest discussant: Andrew Reeves

Gerring, John. 1998. *Party Ideologies in America, 1828-1996*. Cambridge: Cambridge University Press.

Grimmer, Justin. 2009. "A Bayesian Hierarchical Topic Model for Political Texts: Measuring Expressed Agendas in Senate Press Releases" <http://www.people.fas.harvard.edu/~jgrimmer/ExpAgendaPennState.pdf>

Hopf, Ted. 2004. "Discourse and Content Analysis: Some Fundamental Incompatibilities," *Qualitative Methods Newsletter* (Spring) 31-3.

Hopkins, Daniel; Gary King. Forthcoming. "A Method of Automated Nonparametric Content Analysis for Social Science." *American Journal of Political Science* <http://gking.harvard.edu/files/abs/words-abs.shtml>.

Lowe, Will. 2007. "Software for Content Analysis: A Review."

<http://people.iq.harvard.edu/~wlowe/Publications/rev.pdf>

Milliken, Jennifer. 1999. "The Study of Discourse in International Relations: A Critique of Research and Methods." *European Journal of International Relations* 5:2 (June) 225-54.

Monroe, Burt L.; Michael P. Colaresi; Kevin M. Quinn. 2008. "Fightin' Words: Lexical Feature Selection and Evaluation for Identifying the Content of Political Conflict." *Political Analysis* 16, 372-403.

Monroe, Burt L.; Philip A. Schrod. 2008. "Introduction to the Special Issue: The Statistical Analysis of Political Text" *Political Analysis* 16, 351-55.

Neuendorf, Kimberly A. 2001. *The Content Analysis Guidebook*. Sage.

Shapiro, Michael J. 1981. *Language and Political Understanding. Politics of Discursive Practices*. New Haven: Yale University

- Press.
- Wedeen, Lisa. 1999. *Ambiguities of Domination*. Chicago: University of Chicago Press.
- Field Research, Ethnography...*
- ***Fenno, Richard F., Jr. 1977. "U.S. House Members in Their Constituencies: An Exploration." *American Political Science Review* 71:3 (September) 883-917.
- ***Fenno, Richard F., Jr. 1986. "Observation, Context, and Sequence in the Study of Politics." *American Political Science Review* 80:1 (March) 3-15.
- ***Geertz, Clifford. 1979/2000. "Deep Play: Notes on the Balinese Cockfight." In Lane Crothers and Charles Lockhart (eds), *Culture and Politics: A Reader* (New York: St. Martin's). Reprinted: www.si.umich.edu/~rfrost/courses/MatCult/content/Geertz.pdf
- ***Wedeen, Lisa. 2010. "Ethnographic Work in Political Science." *Annual Review of Political Science* (May).
- Aberbach, Joel D., James D. Chesney and Bert A. Rockman. 1975. "Exploring Elite Political Attitudes: Some Methodological Lessons." *Political Methodology* 2, 1-27.
- Adler, Patricia A.; Peter Adler. 2003. "The Promise and Pitfalls of Going into the Field." *Contexts* 2:2, 41-7.
- Barrett, Christopher B., Jeffrey W. Cason. 1997. *Overseas Research: A Practical Guide*. Baltimore: Johns Hopkins University Press. [See pp. 90-105]
- Bayard de Volo, Lorraine; Edward Schatz. 2004. "From the Inside Out: Ethnographic Methods in Political Research." *PS: Political Science & Politics* 37, 267-71.
- Bewley, Truman. 1999. *Why Wages don't Fall During a Recession*. Cambridge: Harvard University Press.
- Burawoy, Michael, Joshua Gamson, and Alice Burton. 1991. *Ethnography Unbound: Power and Resistance in the Modern Metropolis*. Berkeley: University of California Press.
- Chong, Dennis. 1993. "How People Think, Reason, and Feel about Rights and Liberties." *American Journal of Political Science* 37:3 (August) 867-99.
- Edin, Kathryn; Laura Lein. 1997. *Making Ends Meet*. New York: Russell Sage.
- Fenno, Richard F., Jr. 1978. *Home Style: House Members in Their Districts*. Boston: Little Brown. [especially pp. 249-293]
- Fenno, Richard F., Jr. 1990. *Watching Politicians: Essays on Participant Observation*. Berkeley: IGS Press.
- Francis, Elizabeth. 1991. "Qualitative Research: Collecting Life Histories." In *Fieldwork in Developing Countries*, edited by Stephen Devereux and John Hoddinott (New York, London: Harvester Wheatsheaf) 86-101.
- Glaser, James M. 1996. "The Challenge of Campaign-Watching: Seven Lessons of Participant-Observation Research." *PS: Political Science and Politics* 29:3 (September) 533-37.
- Helper, Susan. 2000. "Economists and Field Research: 'You Can Observe a Lot Just by Watching.'" *American Economic Review* 90:2, 228-32.
- Judd, Charles M., Eliot R. Smith and Louise H. Kidder. 1991. *Research Methods in Social Relations*. Orlando: Harcourt Brace Jovanovich. [ch. 11]
- Laitin, David. 1986. *Hegemony and Culture: Politics and Religious Change Among the Yoruba*. Chicago: University of Chicago Press. [see especially the appendix]
- Lieberman, Evan et al. 2004. "Symposium: Field Research." *Qualitative Methods* (Spring) [CQRM web site]
- Liebow, Elliot. 1967. *Tally's Corner: A Study of Negro Streetcorner Men*. Boston: Little, Brown.
- Luker, Kristin. 1984. *Abortion and the Politics of Motherhood*. Berkeley: University of California Press. [appendix 1]
- Murphy, Jerome. 1980. *Getting the Facts: A Fieldwork Guide for Evaluators and Policy Analysts*. Santa Monica, CA: Goodyear Publishing Company.
- Patton, Michael Quinn. 2002. *Qualitative Evaluation and Research Methods*. Newbury Park, CA: Sage. [especially pp. 339-428]
- Scott, James C. 1985. *Weapons of the Weak: Everyday Forms of Peasant Resistance*. New Haven: Yale University Press.
- Vidich, Arthur J. 1955. "Participant Observation and the Collection and Interpretation of Data." *American Journal of Sociology* 60:4 (January) 354-60.

Gathering Data and Measurement Issues (II) (DATE)

Discussant:

Proposal:

Readings:

Interviews...

- ***Peabody, Robert L. et al. 1990. "Interviewing Political Elites." *PS: Political Science and Politics* 23, 451-55.
- Dexter, Lewis. *Elite and Specialized Interviewing*.
- Gorden, Raymond L. 1998. *Basic Interviewing Skills*. Waveland. [Pretty basic, but perhaps good primer.]

- Hammer, Dean and Aaron Wildavsky. 1989. "The Open-Ended, Semi-Structured Interview: An (Almost) Operational Guide." In Aaron Wildavsky, *Craftways: On the Organization of Scholarly Work* (New Brunswick: Transaction).
- Kvale, Steiner. 1996. *InterViews*. Thousand Oaks: Sage, Chapter 10.
- Leech, Beth L. et al. 2002. "Symposium: Interview Methods in Political Science." *PS: Political Science and Politics* (December).
- Rubin, Irene; Herbert J. Rubin. 1995. *Qualitative Interviewing: The Art of Hearing Data*. Sage.

Focus groups...

- ***Conover, Pamela Johnston, Ivor M. Crewe, and Donald Searing. 1991. "The Nature of Citizenship in the United States and Great Britain: Empirical Comments on Theoretical Themes." *Journal of Politics* 53:3 (August) 800-32.
- Bratton, Michael; Beatrice Liatto-Katundu. 1994. "A Focus Group Assessment of Political Attitudes in Zambia." *African Affairs* 93:373 (October) 535-63.
- Morgan, David. 1997. *Focus Groups as Qualitative Research*. Sage.
- Simon, Judith Sharken. 2007. "How to Conduct a Focus Group."

Survey research...

Guest discussant: Sigrun Olafsdottir (?)

- *Weisberg, Herbert F. 2005. *The Total Survey Error Approach: A Guide to the New Science of Survey Research*. Chicago: University of Chicago Press. [chs 1-2, 7, 10]
- ***Seligson, Mitchell A. 2005. "Improving the Quality of Survey Research in Democratizing Countries." *PS: Political Science and Politics* (January) 51-6.
- Brady, Henry E. 2000. "Contributions of Survey Research to Political Science." *PS: Political Science and Politics* 33:1 (March) 47-7.
- Dryzek, John S. 1988. "The Mismeasure of Political Man." *Journal of Politics* 50:3 (August) 705-25.
- Fink, Arlene. [various editions] *How to Conduct Surveys: A Step-by-Step Guide*. Thousand Oaks, CA: Sage.
- Fowler, Floyd J. 2008. *Survey Research Methods, 8th ed.* Thousand Oaks, CA: Sage.
- King, Gary; Christopher J.L. Murray; Joshua A. Salomon; Ajay Tandon. 2004. "Enhancing the Validity and Cross-Cultural Comparability of Measurement in Survey Research." *American Political Science Review* 98, 567-83.
- Lee, Taeku. 2002. *Mobilizing Public Opinion: Black Insurgency and Racial Attitudes in the Civil Rights Era*. Chicago: Chicago University Press.
- Schaeffer, Nora Cate; Stanley Presser. 2003. "The Science of Asking Questions." *Annual Review of Sociology* 29, 65-88.
- Schwartz, Joel. 1984. "Participation and Multisubjective Understanding: An Interpretivist Approach to the Study of Political Participation." *Journal of Politics* (November) 1117-41.
- Seligson, Mitchell. 2005. "Improving the Quality of Survey Research in Democratizing Countries." *PS: Political Science and Politics* (January) 51-6.
- Stoker, Laura. 2003. "Is it Possible to do Quantitative Survey Research in an Interpretive Way?" *Qualitative Methods: Newsletter of the American Political Science Associations Organized Section on Qualitative Methods* 1:2 (Fall) 13-6. [see CQRM web site]
- Zaller, John; Stanley Feldman. 1992. "A Simple Theory of the Survey Response: Answering Questions versus Revealing Preferences." *American Journal of Political Science*.

Experiments...

[See later section on research design]

Causation

Overview (DATE)

Discussant:

Proposal:

Readings:

- **Gerring, John. 2010. *Social Science Methodology: Tasks, Strategies, Criteria*. Cambridge: Cambridge University Press. [ch 8-10]

[Further readings on this topic are listed under the following two sections]

Experiments and Quasi-Experiments (DATE)

Discussant:

Proposal:

Readings:

General discussion...

- ***McDermott, Rose. 2002. "Experimental Methods in Political Science." *Annual Review of Political Science* 5, 31-61.
- ***Humphreys, Macartan; Jeremy Weinstein. 2009. "Field Experiments and the Political Economy of Development." *Annual Review of Political Science* 12 (June) 367-78.
- ***Dunning, Thad. 2008. "Improving Causal Inference: Strengths and Limitations of Natural Experiments." *Political Research Quarterly* 61, 282-93.
- Angrist, Joshua D.; Guido W. Imbens; Donald B. Rubin. 1996. "Identification of Causal Effects Using Instrumental Variables." *Journal of the American Statistical Association* 91:434, 444-55.
- Aronson, Elliot, Phoebe C. Ellsworth, J. Merrill Carlsmith, Marti Hope Gonzales. 1989. *Methods of Research in Social Psychology*. New York: McGraw-Hill.
- Campbell, Donald T. 1969. "Reforms as Experiments." *American Psychologist* 24: 409-29.
- Campbell, Donald T. 1988. *Methodology and Epistemology for Social Science*, ed. E. Samuel Overman. Chicago: University of Chicago Press.
- Cason, Timothy N. and Vai-Lam Mui. 2003. "Testing Political Economy Models of Reform in the Laboratory." *American Economic Association, Papers and Proceedings* 93:2 (May) 208-12.
- Duflo, Esther; Rachel Glennerster; Michael Kremer. 2006. "Using Randomization in Development Economics Research: A Toolkit." Unpublished manuscript.
- Green, Donald P. and Alan S. Gerber. 2001. "Reclaiming the Experimental Tradition in Political Science." Paper Presented to the annual meetings of the American Political Science Association, Washington, DC. [<http://www.yale.edu/isps/publications/voter.html>]
- Green, Donald P. and Alan S. Gerber. 2002. "The Downstream Benefits of Experimentation." *Political Analysis* 10:4, 394-402.
- Heckman, James J. and Jeffrey A. Smith. 1995. "Assessing the Case for Social Experiments." *Journal of Economic Perspectives* 9, 85-110.
- Holland, Paul W. 1986. "Statistics and Causal Inference." *Journal of the American Statistical Association* 81:396 (December) 945-60.
- Kagel, John H. and Alvin E. Roth (eds). 1997. *Handbook of Experimental Economics*. Princeton: Princeton University Press.
- Kinder, Donald and Thomas R. Palfrey (eds). 1993. *The Experimental Foundations of Political Science*. Ann Arbor: University of Michigan Press.
- Levin, Irwin P. 1999. *Relating Statistics and Experimental Design: An Introduction*. Thousand Oaks: Sage.
- Lovaglia, Michael. 2003. "From Summer Camps to Glass Ceilings: The Power of Experiments." *Contexts* (Fall) 42-9.
- McDermott, Rose. 2002. "Experimental Methodology." *Political Analysis* 10:4.
- McDermott, Rose. 2004a. "Editor's Introduction: Prospect Theory in Political Science." Special Edition of *Political Psychology* 25:2 (April) 147-162.
- McDermott, Rose (ed). 2004b. *Political Psychology in International Relations*. Ann Arbor: University of Michigan Press.
- Morton, Rebecca B.; Kenneth C. Williams. 2010. *From Nature to the Lab: The Methodology of Experimental Political Science and the Study of Causality*. Cambridge: Cambridge University Press.
- Palfrey, Thomas R. 2009. "Laboratory Experiments in Political Economy." *Annual Review of Political Science* 12 (June) 379-88.
- Rosenzweig, Mark R.; Kenneth I. Wolpin. 2000. "Natural 'Natural Experiments' in Economics." *Journal of Economic Literature* 38, 827-74.
- Rubin, Donald B. 2008. "For Objective Causal Inference, Design Trumps Analysis." *Annals of Applied Statistics* 2:3, 808-40.
- Shadish, William R., Thomas D. Cook, and Donald T. Campbell. 2002. *Experimental and Quasi-experimental Designs for Generalized Causal Inference*. Boston: Houghton Mifflin.

Examples...

- ***Chattapadhyay, Raghavendra; Esther Duflo. 2004. "Women as Policy Makers: Evidence from a Randomized Policy Experiment in India." *Econometrica* 72:5, 1409-43.
- ***Hoff, Karla; Priyanka Pandey. 2004. "Belief Systems and Durable Inequalities: An Experimental Investigation of Indian Caste." World Bank Policy Research Working Paper Series 3351.

- ***Olken, Benjamin A. 2007. "Monitoring Corruption: Evidence from a Field Experiment in Indonesia." *Journal of Political Economy* 115:2, 200-49.
- Angrist, Joshua A. 1990. "Lifetime Earnings and the Vietnam Era Draft Lottery: Evidence from Social Security Administrative Records." *American Economic Review* 80:3, 313-36.
- Ansolabehere, Stephen and Shanto Iyengar. 1995. *Going Negative: How Political Advertisements Shrink and Polarize the Electorate*. New York: Free Press.
- Frank, Robert H., Thomas Gilovich, and Dennis T. Regan. 1993. "Does Studying Economics Inhibit Cooperation?" *Journal of Economic Perspectives* 7, 159-71.
- Gerber, Alan S. and Donald P. Green. 2001. "Do Phone Calls Increase Voter Turnout?: A Field Experiment." *Public Opinion Quarterly* 65, 75-85.
- Glaeser, Edward L., David Laibson, Jose A. Scheinkman, and Christine L. Soutter. 2000. "Measuring Trust." *Quarterly Journal of Economics* 65 (August) 811-846.
- Glaser, James. 2003. "Social Context and Inter-Group Political Attitudes: Experiments in Group Conflict Theory." *British Journal of Political Science* 33 (October) 607-20.
- Gosnell, Harold F. 1926. "An Experiment in the Stimulation of Voting." *American Political Science Review* 20:4 (November) 869-74.
- Henrich, Joseph, Robert Boyd, Samuel Bowles, Colin Camerer, Ernst Fehr, Herbert Gintis, (eds). 2004. *Foundations of Human Sociality: Economic Experiments and Ethnographic Evidence from Fifteen Small-Scale Societies*. Oxford: Oxford University Press. [E!]
- Humphreys, Macartan; William A. Masters; Martin E. Sandbu. 2006. "The Role of Leaders in Democratic Deliberations: Results from a Field Experiment in Sao Tome and Principe." *World Politics* 58 (July) 583-622.
- Hutchings, Vincent L.; Ashley E. Jardina. 2009. "Experiments on Racial Priming in Political Campaigns." *Annual Review of Political Science* 12 (June) 397-402.
- Mendelberg, Tali. 1997. "Executing Hortons: Racial Crime in the 1988 Presidential Campaign." *Public Opinion Quarterly* 61:1 (Spring 1997) 134-57.
- Michelbach, P.A.; J.T. Scott; R.E. Matland; B.H. Bornstein. 2003. "Doing Rawls Justice: An Experimental Study of Income Distribution Norms." *American Journal of Political Science* 47:3 (July) 523-39.
- Miguel, Edward; Shanker Satyanath; Ernest Sergenti. 2004. "Economic Shocks and Civil Conflict: An Instrumental Variables Approach." *Journal of Political Economy* 112:4, 725-53.
- Page, Stewart. 1998. "Accepting the Gay Person: Rental Accommodation in the Community." *Journal of Homosexuality* 36:2, 31-9
- Rind, Bruce; Prashant Bordia. 1996. "Effect on Restaurant Tipping of Male and Female Servers Drawing a Happy, Smiling Face on the Backs of Customers' Checks." *Journal of Applied Social Psychology* 26(3): 218-225.
- Simon, Adam F. and Tracy Sulkin. 2002. "Discussion's Impact on Political Allocations: An Experimental Approach." *Political Analysis* 10:4, 403-12.
- Sniderman, Paul M.; Douglas B. Grob. 1996. "Innovations in Experimental Design in Attitude Surveys." *Annual Review of Sociology* 22:377-99.
- Sniderman, Paul M.; Edward G. Carmines. 1997. *Reaching Beyond Race*. Cambridge: Harvard University Press. [pp. 59-97]
- Sniderman, Paul M., T. Piazza, P.E. Tetlock, and A. Kendrick. 1991. "The New Racism." *American Journal of Political Science* 35:2, 423-47.
- Wantchekon, Leonard. 2003. "Clientelism and Voting Behavior: Evidence from a Field Experiment in Benin." *World Politics* (April).
- Websites: ExperimentCentral and Poverty Action Lab.

Critiques of the Statistical Analysis of Observational Data (DATE)

Discussant:

Proposal:

Readings:

Examples...

- ***Barro, Robert J. 1991. "Economic Growth in a Cross-section of Countries." *Quarterly Journal of Economics* 106:2 (May) 407-33.
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Discussant:

Proposal:

Readings:

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Proposal:

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Conclusions

First draft of research proposal due (DATE)

Turn in your drafts by email attachment in Word format. I will try to return them to you with comments in a week.

History of a Discipline (DATE)

Discussant:

Proposal:

Readings:

***Browse back issues of the APSR, available on JSTOR or in hard-copy format in the library.

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Hirschman, Albert O. 1970. "The Search for Paradigms as a Hindrance to Understanding." *World Politics* 22:3 (March) 329-43.

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Current Debates (DATE)

Discussant:

Proposal:

Readings:

"Perestroika"...

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Bennett, Stephen Earl. 2002. "'Perestroika' Lost: Why the Latest 'Reform' Movement in Political Science Should Fail." *PS: Political Science and Politics* (June) 177-79.

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- Ollman, Bertell. 2000. "What is Political Science: What Should it Be?" *New Political Science* 22:4 (December) 553-62.
- Tracking the Methodenstreit...*
- ***Bennett, Andrew, Aharon Barth, and Kenneth R. Rutherford. 2003. "Do We Preach What We Practice? A Survey of Methods in Political Science Journals and Curricula." *PS: Political Science and Politics* 36:3 (July) 373-79.
- Influence on policymakers and publics, basic science versus problem-solving, normative thinking versus neutrality...*
- ***Granato, Jim; Frank Scioli. 2004. "Puzzles, Proverbs, and Omega Matrices: The Scientific and Social Significance of Empirical Implications of Theoretical Models (EITM)." *Perspectives on Politics* (June) 313-23.
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- Multi-Method approaches...*
- ***Bennett, Andrew, Bear Braumoeller. 2006. "Where the Model Frequently Meets the Road: Combining Formal, Statistical, and Case Study Methods." Ms. [Should be on CQRM web site]
- Lieberman, Evan S. 2005. "Nested Analysis as a Mixed-Method Strategy for Comparative Research." *American Political Science Review* 99:3 (August) 435-52.
- Pearce, Lisa D. 2002. "Integrating Survey and Ethnographic Methods for Systematic Anomalous Case Analysis."

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Sociology

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Is Social Science Possible? (DATE)

Discussant:

Proposal:

Readings:

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Ethics...

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http://www.apsanet.org/section_513.cfm

Baumrind, Diana. 1985. "Research Using Intentional Deception: Ethical Issues Revisited." *American Psychologist* 40: 2 (February) 165-74

Feldman, Allen. 1994. "Imaginary Ethics and Prehistoric Paradigms." *American Anthropologist* 96:1 (March) 166-7.

Goduka, Ivy. 1990. "Ethics and Politics of Field Research in South Africa." *Social Problems* 37:3 (August) 329-40.

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Herrera, C.D. 2001. "Ethics, Deception, and 'Those Milgram Experiments.'" *Journal of Applied Philosophy* 18:3.

Jacobsen, Karen; Loren B. Landau. 2003. "The Dual Imperative in Refugee Research: Some Methodological and Ethical Considerations in Social Science Research on Forced Migration." *Disasters* 27:3.

National Academy of Sciences. 1995. *On being a scientist: Responsible conduct in research*. Washington, D.C.: National Academy Press. <http://www.nap.edu/books/0309051967/html/index.html>

Writing, publishing, pursuing a career...

**Bonjean, Charles M., Jan Hullum. 1978. "Reasons for journal rejection: An analysis of 600 manuscripts." *PS: Political Science* 11 (Autumn) 480-3. [not accessible on the web]

***Johnson, Teresa Pelton. 1991. "Writing for International Security: A Contributors' Guide." *International Security* 16:2 (Fall) 171-80.

***Przeworski, Adam and Frank Salomon. 1998. "On the Art of Writing Proposals: Some Candid Suggestions for Applicants to Social Science Research Council Competitions." New York: Social Science Research Council. (www.ssrc.org/programs/publications_editors/publications/art_of_writing_proposals.page)

**Van Evera, Stephen. 1997. *Guide to Methods for Students of Political Science*. Ithaca: Cornell University Press. [chs 3-4.]

***Wolfinger, Raymond E. 1993. "Tips for writing papers." *PS: Political Science* 26 (March) 87-8.

***The academic review process: <http://www.youtube.com/watch?v=-VRBWLpYCPY>

Becker, Howard S. 1986. *Writing for Social Scientists: How to Start and Finish Your Thesis, Book, or Article*. Chicago: University of Chicago Press.

Carter, Ralph G.; James M. Scott. 1998. "Navigating the Academic Job Market Minefield." *PS: Political Science and*

- Politics* (November). <http://apsanet.org/imgtest/NavigatingAcademicJob-Carter.pdf>.
- Fenton, Martin and Robert Goehlert. [various years] *Getting Published in Political Science Journals: A Guide for Authors, Editors, and Librarians*. American Political Science Association. [Available for purchase on the APSA web site]
- Germano, William. 2001. *Getting it Published: A Guide for Scholars and Anyone Else Serious about Serious Books*. Chicago: University of Chicago Press.
- Germano, William. 2005. *From Dissertation to Book*. Chicago: University of Chicago Press.
- Gerring, John. "Advice on Essay-writing." [posted on my BU homepage]
- Hall, Donald E. 2002. *The Academic Self: An Owner's Manual*. Columbus: Ohio State University Press.
- Hall, Peter. 1990. "Helpful Hints for Writing Dissertations in Comparative Politics." *PS: Political Science and Politics* 23:4 (December) 596-98.
- Hanley, James E. 2008. "A Primer on Applying to the Liberal Arts College." *PS: Political Science and Politics* xli:4 (October) 809-12.
- Hassner, Ron E. 2008. "Trial by Fire: Surviving the Job Talk Q & A." *PS: Political Science and Politics* xli:4 (October) 803-8.
- Jeydel, Alana S., Julie Dolan. 2005. "A Guide to Publishing Your First Book." *PS: Political Science and Politics* 28:4 (October) 745-7.
- Luey, Beth (ed). 2004. *Revising Your Dissertation: Advice from Leading Editors*. Berkeley: University of California Press.
- Martin, Fenton; Robert Goehlert. 2001. *Getting Published in Political Science Journals*. 5th ed. Washington, D.C.: American Political Science Association.
- Miller, Jane E. 2004. *The Chicago Guide to Writing about Numbers*. Chicago: University of Chicago Press.
- Mills, C. Wright. 1959. "On Intellectual Craftsmanship." In *The Sociological Imagination* (New York: Oxford University Press) 195-226.
- Myers, Charles T. 2004. "A Short Tour of Book Publishing for Political Scientists." *PS: Political Science and Politics* 37:3 (July) 489-91.
- Peters, Robert L. 1997. *Getting What You Came For: The Smart Student's Guide to Earning a Master's or Ph.D.* New York: Farrar Straus Giroux.
- Snyder, Richard. 2007. "The Human Dimension of Comparative Research." In Gerardo L. Munck and Richard Snyder (eds), *Passion, Craft and Method in Comparative Politics* (Baltimore: Johns Hopkins University Press) ch. 2.
- Thunder, David. 2004. "Back to Basics: Twelve Rules for Writing a Publishable Article." *PS: Political Science and Politics* 37:3 (July) 493-5.
- Van Cott, Donna Lee. 2005. "A Graduate Student's Guide to Publishing Scholarly Journal Articles." *PS: Political Science and Politics* 28:4 (October) 741-3.
- See also APSA web page with links to articles from APSR, PS, and POP related to careers, jobs, and networking. http://apsanet.org/content_13150.cfm

Final Exam (DATE)

Final draft of research proposal due (DATE)

Turn in drafts by email attachment in Word format.

ADDENDA

Web resources (each has its own set of links)

- Consortium for Qualitative Research Methods (CQRM) homepage:
<http://www.asu.edu/clas/polisci/cqrm/>
- Political Methodology homepage:
<http://web.polmeth.ufl.edu/>
- Committee on Concepts and Methods homepage:
<http://www.concepts-methods.org/>

Lexicons

Angeles, Peter A. 1981. *Dictionary of Philosophy*. New York: Barnes and Noble.

Audi, Robert (ed). 1995. *The Cambridge Dictionary of Philosophy*. Cambridge: Cambridge University Press.

Blackburn, Simon. 1994. *Oxford Dictionary of Philosophy*. Oxford: Oxford University Press.

Brady, Henry and David Collier (eds). 2004. *Rethinking Social Inquiry: Diverse Tools, Shared Standards*. Roman and Littlefield. [Appendix]

Durbin, Paul T. 1988. *Dictionary of Concepts in Philosophy of Science*. Greenwood Press.

Gould, J. and W.L. Kolb. 1964. *A Dictionary of Social Science*. New York: Free Press.

Mitchell, G. Duncan (ed). 1979. *A New Dictionary of the Social Sciences*. New York: Aldine Publishing Company.

Pearce, David W. (ed). 1992. *The MIT Dictionary of Modern Economics*. Cambridge: MIT Press.

Schwandt, Thomas A. 2001. *Dictionary of Qualitative Inquiry*. Thousand Oaks: Sage. [There is also an earlier edition of this book called *Qualitative Inquiry: A Dictionary of Terms*.]

Vogt, W. Paul. [various years] *Dictionary of Statistics and Methodology*. Newbury Park: Sage.

On-line glossary: <http://polisci.nelson.com/glossary.html>

Statistics terms: <http://www2.chass.ncsu.edu/garson/pa765/statnote.htm>

Literature reviews of political science subfields, issues and methodologies

Goodin, Robert E. and Hans-Dieter Klingemann (eds). 1996. *A New Handbook of Political Science*. New York: Oxford University Press.

Katznelson, Ira and Helen V. Milner (eds). 2002. *Political Science: The State of the Discipline, Centennial Edition*. Norton.

Annual Review of Political Science [available on-line through BU periodicals]

Oxford Handbook of Political Science. 2007- [multiple volumes]

Introductory Statistics Texts and Review Articles

Allison, Paul D. 1999. *Multiple Regression: A Primer*. Thousand Oaks, CA: Pine Forge Press. [Good introduction to the most common statistical technique in political science.]

Berry, William D. and Mitchell S. Sanders. 2000. *Understanding Multivariate Research: A Primer for Beginning Social Scientists*. Boulder: Westview. [Cheap and good, but very brief.]

Everitt, Brian; Sophia Rabe-Hesketh. [various years]. *Handbook of Statistical Analyses Using Stata*. Chapman & Hall. [not much on stats, but a good intro to Stata]

Freedman, David, Robert Pisani, Roger Purves, and Ani Adhikari. [various years]. *Statistics*. New York: W.W. Norton. [Very good and very thorough introduction, but little on regression.]

Freund, John E. [various years]. *Modern Elementary Statistics*. Pearson/Prentice Hall. [Introductory.]

Gujarati, Damodar N. [various years]. *Basic Econometrics*. New York: McGraw-Hill. [Intermediate]

Hamilton, Lawrence C. [various years]. *Statistics with Stata*. Duxbury Resource Center. [excellent for those learning Stata]

Kennedy, Peter. [various years]. *A Guide to Econometrics*. Cambridge: MIT Press. [Intermediate]

Rabe-Hesketh; Brian S. Everitt. [various years] *A Handbook of Statistical Analyses using Stata*. Chapman & Hall.

Vogt, W. Paul. 1993. *Dictionary of Statistics and Methodology*. Newbury Park: Sage.

Various manuals published by Sage (see their home page at sagepub.com).

Web Resources

<http://www.socialresearchmethods.net/>

<http://www.anu.edu.au/nceph/surfstat/surfstat-home/surfstat.html>

<http://www.psychstat.smsu.edu/scripts/dws148f/statisticsresourcesmain.asp>

Big Theory

IR Paradigms...

Chernoff, Fred. 2002. "Scientific Realism as a Meta-Theory of International Politics." *International Studies Quarterly* 46:2 (June) 189-207.

Dessler, David; John Owen. 2005. "Constructivism and the Problem of Explanation." *Perspectives on Politics* 3:3 (September) 597-610. [assign, if this section is included in the course]

Elman, Colin; Miriam Elman. 2002. "How not to be Lakatos-Intolerant: Appraising Progress in IR Research." *International Studies Quarterly* 46, 231-62.

Elman, Colin and Miriam Fendius Elman. 2003. *Progress in International Relations Theory: Appraising the Field*. Cambridge: MIT Press.

- Fearon, James; Alexander Wendt. 2002. "Rationalism v. Constructivism: A Skeptical View." In Walter Carlsnaes, Thomase Risse, and Beth Simmons (eds), *Handbook of International Relations* (London: Sage). [assign, if this section is included in the course]
- Hasenclever, Andreas; Peter Mayer; Volker Rittberger. 2000. "Integrating Theories of International Regimes." *Review of International Studies* 26:1 (January) 3-33. [assign, if this section is included in the course]
- Kahler, Miles. 1997. "Inventing International Relations: International Relations Theory after 1945." In Michael W. Doyle & G. John Ikenberry (eds), *New Thinking in International Relations Theory* (Westview) 20-53.
- Lebow, Richard Ned; Mark Irving Lichbach (eds). 2007. *Theory and Evidence in Comparative Politics and International Relations*. Palgrave/Macmillan.
- Smith, Steve. 2000. "Wendt's World." *Review of International Studies* 26, 151-63. [Other responses to Wendt can be found in the symposium in *Review of International Studies* (2000) 26:1.]
- Wendt, Alexander. 1999. *The Social Theory of International Politics*. Cambridge: Cambridge University Press.

Democratic Peace...

- Brown, Michael E.; Sean M. Lynn-Jones; Steven E. Miller (eds). 1996. *Debating the Democratic Peace*. Cambridge: MIT Press.
- Bueno de Mesquita, Bruce; James D. Morrow; Randolph M. Siverson; Alastair Smith. 1999. "An Institutional Explanation of the Democratic Peace." *American Political Science Review* 93:4 (December) 791-808. [formal theory]
- Doyle, Michael. 1986. "Liberalism and World Politics." *American Political Science Review* 80 (December) 1151-70. [assign, if this section is included in the course]
- Elman, Miriam Fendius. 1997. *Paths to Peace: Is Democracy the Answer?* Cambridge: MIT Press.
- Mansfield, Edward D.; Jack Snyder. 2002. "Democratic Transitions, Institutional Strength, and War." *International Organization* 56:2 (Spring) 297-337.
- Oren, Ido. 1984. "The Subjectivity of the Democratic Peace: Changing U.S. Perceptions of Imperial Germany." *International Security* 20:2 (Fall) 147-84. [assign, if this section is included in the course]
- Owen, John M. 1994. "How Liberalism Produces Democratic Peace." *International Security* 19:2 (Fall) 87-125. [assign, if this section is included in the course]
- Russett, Bruce M.; Harvey Starr. 2000. "From the Democratic Peace to Kantian Peace: Democracy and Conflict in the International System." In Manus I. Midlarsky (ed), *Handbook of War Studies II* (Ann Arbor: University of Michigan Press) 93-128. [assign, if this section is included in the course]
- Schultz, Kenneth A. 1998. "Domestic Opposition and Signaling in International Crises." *American Political Science Review* 92:4 (December) 829-44. [formal theory]

International Relations: Methodology of a Subfield

- Harvey, Frank P.; Michael Brecher (eds). 2002. *Evaluating Methodology in International Studies*. Ann Arbor: University of Michigan Press.
- Kratochwil, Friedrich; John Gerard Ruggie. 1986. "International Organization: A State of the Art on an Art of the State." *International Organization* 40:4 (Autumn) 753-75.
- Kurki, Milja. 2006. "Causes of a Divided Discipline: Rethinking the Concept of Cause in International Relations." *Review of International Studies* 32, 189-216.
- Levy, Jack S. 2002. "Qualitative Methods in International Relations." In Frank P. Harvey and Michael Brecher (eds), *Evaluating Methodology in International Studies* (Ann Arbor: University of Michigan Press) 432-54.
- McDermott, Rose. 2007. "New Directions for Experimental Work in International Relations." Unpublished manuscript, Department of Political Science, UCSD.
- Mintz, Alex. 2005. "The Method-of-Analysis Problem in International Relations." In Alex Mintz and Bruce Russett (eds), *New Directions for International Relations: Confronting the Method of Analysis Problem* (Lexington Books).
- Tickner, J. Ann. 2005. "What Is Your Research Program? Some Feminist Answers to International Relations Methodological Questions." *International Studies Quarterly* 49, 1-21.

Qualitative Comparative Analysis (QCA)

- Blake, Charles H., "The Enactment of National Health Insurance: A Boolean Analysis of Twenty Advanced Industrial Democracies," *Journal of Health Politics, Policy and Law*, Volume 26, Number 4, August 2001.
- Caramani, Daniele. 2009. *Introduction to the Comparative Method with Boolean Algebra*. Los Angeles: Sage.
- Hicks, Alexander, Toya Misra, Tang Hah Ng. 1995. "The Programmatic Emergence of the Social Security State." *American Sociological Review* 60 (June) 329-49.
- Ragin, Charles C. 1987. *The Comparative Method: Moving Beyond Qualitative and Quantitative Strategies*. Berkeley: University

of California.

- Ragin, Charles C. 2000. *Fuzzy-Set Social Science*. Chicago: University of Chicago Press.
- Ragin, Charles C. 2008. *Redesigning Social Inquiry: Fuzzy Sets and Beyond*. Chicago: University of Chicago Press.
- Rihoux, Benoit; Charles C. Ragin (eds). 2009. *Configurational Comparative Methods: Qualitative Comparative Analysis (QCA) and Related Techniques*. Los Angeles: Sage. [Probably the best introduction.]
- Schneider, Carsten; Claudius Wagemann. *Set-Theoretic Methods: A User's Guide for Qualitative Comparative Analysis (QCA) and Fuzzy-Sets in the Social Sciences*. [book manuscript; the best user's guide]
- Stokke, Olav Schram. 2003. "Boolean Analysis, Mechanisms, and the Study of Regime Effectiveness." In Arild Underdal and Oran R. Young (eds), *Regime Consequences: Methodological Challenges and Research Strategies* (Dordrecht: Kluwer). [A good example of QCA at work; a copy is on my computer]
- "Symposium: Qualitative Comparative Analysis (QCA)." 2004. *Qualitative Methods: Newsletter of the American Political Science Association Organized Section on Qualitative Methods* 2:2 (Fall). [posted on the CQRM web site]
- Wickham-Crowley, Timothy. 1991. "A Qualitative Comparative Approach to Latin American Revolutions." *International Journal of Comparative Sociology* 32:1-2 (January-April) 82-109. [A very accessible example of QCA at work]

Causal graphs, Bayesian nets

- Greenland, Sander; Judea Pearl; James M. Robins. 1999. "Causal Diagrams for Epidemiological Research." *Epidemiology* 10, 37-48.
- Morgan, Stephen L.; Christopher Winship. 2007. *Counterfactuals and Causal Inference: Methods and Principles for Social Research*. Cambridge: Cambridge University Press. [ch 3]
- Pearl, Judea. 2009. *Causality: Models, Reasoning, and Inference, 2d ed.* Cambridge: Cambridge University Press.
- Pearl, Judea. 2009. "Causal Inference in Statistics: An Overview." *Statistics Surveys* 0. [a good introduction to graphical models]
- Slooman, Steven. 2005. *Causal Models: How People Think about the World and Its Alternatives*. Oxford: Oxford University Press. [a non-mathematical intro]

Bayesian approaches

- Firebaugh, Glenn. 1995. "Will Bayesian Inference Help? A Skeptical View." *Sociological Methodology* 25, 469-72.
- Gill, Christopher J, Lora Sabin, Christopher H. Schmid. 2005. "Why Clinicians are Natural Bayesians." *BMJ* 330:1080-3 (May 7).
- Gill, Jeff. 1999. "The Insignificance of Null Hypothesis Testing." *Political Research Quarterly* 52:3 (September) 647-74.
- Howson, Colin, Peter Urbach. 1989. *Scientific Reasoning: The Bayesian Approach*. La Salle, IL: Open Court.
- Jackman, Simon. 2004. "Bayesian Analysis for Political Research." *Annual Review of Political Science* 7, 483-505. [a fairly accessible introduction]
- Pearl, Judea. 2005. "Bayesianism and Causality, or, Why I am only a Half-Bayesian." Ms.
- Western, Bruce. 1999. "Bayesian Analysis for Sociologists: An Introduction." *Sociological Methods and Research* 28:1 (August) 7-34.
- Western, Bruce and Simon Jackman. 1994. "Bayesian Inference for Comparative Research." *American Political Science Review* 88:2, 412-23.
- Yudkowsky, Eliezer S. [n.d.] "An Intuitive Explanation of Bayes' Theorem." <http://yudkowsky.net/rational/bayes>

Philosophy of Science

General treatments...

- Editors. "Glossary." In Richard Boyd, Philip Gasper, and J.D. Trout (eds), *The Philosophy of Science* (Cambridge: MIT Press, 1991).
- Gillies, Donald. 1993. *Philosophy of Science in the Twentieth Century: Four Central Themes*. Oxford: Blackwell.
- Miller, Richard W. 1987. *Fact and Method: Explanation, Confirmation and Reality in the Natural and the Social Sciences*. Princeton: Princeton University Press.
- Rosenberg, Alexander. 1988. *Philosophy of Social Science*. Boulder: Westview Press.

Logical Positivism and fellow travelers...

- Ayer, Alfred Jules. 1936/1946. *Language, Truth and Logic, 2d ed.* New York: Dover.
- Ayer, Alfred Jules (ed). 1959. *Logical Positivism*. New York: Free Press.
- Blackburn, Simon. 2001. "Ladies, Truth, and Logic." *New Republic* (January 29) 36-40.
- Carnap, Rudolf. 1936/1937. "Testability and Meaning." *Philosophy of Science* 3:4 (October 1936) 419-471 and

- Philosophy of Science* 4:1 (January 1937) 1-40. Also reprinted in Herbert Feigl and May Brodbeck (eds), *Readings in The Philosophy of Science* (New York: Appleton-Century-Crofts) 47-92.
- Carnap, Rudolf. 1966. "The Nature of Theories." From *Philosophical Foundations of Physics: An Introduction to the Philosophy of Science*, ed. Martin Gardner (New York: Basic Books) 225-46. Reprinted in Klemke, E.D., Robert Hollinger, and David Wyss Rudge (eds), *Introductory Readings in the Philosophy of Science*. Amherst, NY: Prometheus Books, 1998) 316-32. [Not ideal; perhaps assign a chapter from Godfrey-Smith instead]
- Hempel, Carl G. 1942. "The Function of General Laws in History." *Journal of Philosophy* 39, 35-48. Reprinted in Michael Martin and Lee C. McIntyre (eds), *Readings in the Philosophy of Social Science*. Cambridge: MIT Press, 1994).
- Hempel, Carl G., Paul Oppenheim. 1948. "Studies in the Logic of Explanation." *Philosophy of Science* 15:2 (April) 135-75.
- Keat, Russell; John Urry. 1982. *Social Theory as Science, 2d ed.* Routledge, Kegan & Paul. [ch 1]
- Kinkaid, Harold. "Defending Laws in the Social Sciences." Reprinted in Michael Martin and Lee C. McIntyre (eds), *Readings in the Philosophy of Social Science*. Cambridge: MIT Press, 1994).
- Nagel, Ernest. 1961. *The Structure of Science: Problems in the Logic of Scientific Explanation*. New York: Harcourt, Brace and World.
- Reichenbach, Hans. 1951/1953. "The Verifiability Theory of Meaning." In Herbert Feigl and May Brodbeck (eds), *Readings in The Philosophy of Science* (New York: Appleton-Century-Crofts) 93-102.
- Popper and company...*
- Popper, Karl. 1934/1968. *The Logic of Scientific Discovery*. New York: Harper & Row. [See in particular: prefaces and chs 1-2, 4, 6, 10]
- Popper, Karl. 1953. "Conjectures and Refutations." Reprinted in Klemke, E.D., Robert Hollinger, and David Wyss Rudge (eds), *Introductory Readings in the Philosophy of Science*. Amherst, NY: Prometheus Books, 1998) 38-47.
- Friedman, Milton. 1958/1994. "The Methodology of Positive Economics." An abridged version is reprinted on the course web site and is drawn from Michael Martin and Lee C. McIntyre (eds), *Readings in the Philosophy of Social Science* (Cambridge: MIT Press, 1994). [The unabridged version is superior, but this is ok.]
- Kuhn ...*
- Kuhn, Thomas S. 1962/1970. *The Structure of Scientific Revolutions*. Chicago: University of Chicago Press. [skim]
- Lakatos ...*
- Elman, Colin; Miriam Elman. 2002. "How not to be Lakatos-Intolerant: Appraising Progress in IR Research." *International Studies Quarterly* 46, 231-62. [review]
- Elman, Colin. 2003. "Lessons from Lakatos." In Colin Elman and Mirium Fendius Elman (eds), *Progress in International Relations Theory: Appraising the Field* (Cambridge: MIT Press).
- Lakatos, Imre. 1970. "Falsification and the Methodology of Scientific Research Programs." In Imre Lakatos and A. Musgrave (eds), *Criticism and the Growth of Knowledge* (Cambridge: Cambridge University Press).
- Realism...*
- Bhaskar, Roy. 1978. *A Realist Theory of Science*. Sussex: Harvester Press.
- Bhaskar, Roy; Margaret Archer; Andrew Collier; Tony Lawson; Alan Norris (eds). 1998. *Critical Realism: Essential Readings*. Routledge.]
- Keat, Russell; John Urry. 1982. *Social Theory as Science, 2d ed.* Routledge, Kegan & Paul. [ch 2]
- Laudan, Larry. 1977. *Progress and its Problems: Toward a Theory of Scientific Growth*. Berkeley: University of California Press.
- Leplin, Jarrett (ed). 1984. *Scientific Realism*. Berkeley: University of California Press.
- Manicas, Peter. 2006. *A Realist Philosophy of Science: Explanation and Understanding*. Cambridge: Cambridge University Press.
- Shapiro, Ian; Alexander Wendt. 1992. "The Difference Realism Makes: Social Science and the Politics of Consent." *Politics and Society* 20 (June) 197-223.
- Tooley, Michael. 1988. *Causation: A Realist Approach*. Oxford: Clarendon Press.
- Waldner, David. 2002. "Anti Anti-Determinism: Or What Happens When Schrodinger's Cat and Lorenz's Butterfly Meet Laplace's Demon in the Study of Political and Economic Development." Presented to the annual meetings of the American Political Science Association, Boston MA (August-September).
- Waldner, David. 2007. "Inferences and Explanations at the K/T Boundary...and Beyond." In Richard Ned Lebow and Mark Irving Lichbach (eds.), *Theory and Evidence in Comparative Politics and International Relations* (Palgrave/Macmillan).
- Interpretivism...*
- Review readings listed under Description (above).

Critical Theory...

Bohman, James. 1999. "Theories, Practices, and Pluralism: A Pragmatic Interpretation of Critical Social Science." *Philosophy of the Social Sciences* 29:4 (December) 459-480.

Fay, Brian. 1983/1994. "General Laws and Explaining Human Behavior." In Michael Martin and Lee C. McIntyre (eds), *Readings in the Philosophy of Social Science* (Cambridge: MIT Press).

Feminism...

Harding, Sandra. 1987. "Introduction: Is There a Feminist Method?" In *Feminism and Methodology* (Milton Keynes: Open University Press).

Wylie, Alison. "Reasoning about Ourselves: Feminist Methodology in the Social Sciences." Reprinted in Michael Martin and Lee C. McIntyre (eds), *Readings in the Philosophy of Social Science*. Cambridge: MIT Press, 1994).

Sociology of Science...

Latour, Bruno; Steve Woolgar. 1979. *Laboratory Life: The Social Construction of Scientific Facts*. Beverly Hills: Sage Publications.

Merton, Robert K. 1973. *The Sociology of Science: Theoretical and Empirical Investigations*. Chicago: University of Chicago Press.

Other Radical Critiques...

Rosenau, Pauline Marie. 1992. *Post-Modernism and the Social Sciences: Insights, Inroads, and Intrusions*. Princeton: Princeton University Press. [chs 1, 9]

Clifford, James. 1988. *The Predicament of Culture: Twentieth-Century Ethnography, Literature, and Art*. Cambridge: Harvard University Press.

Crews, Frederick. 1986. *Skeptical Engagements*. [See chapter on psychoanalysis and poststructural literary criticism.]

Feyerabend, Paul. 1974. "How to Defend Society against Science." Reprinted in Klemke, E.D., Robert Hollinger, and David Wyss Rudge (eds), *Introductory Readings in the Philosophy of Science*. Amherst, NY: Prometheus Books, 1998) 54-65.

Feyerabend, Paul. 1975. *Against Method*. London: New Left Books.

Foucault, Michel. 1970. *The Order of Things: An Archeology of the Human Sciences*. New York: Pantheon Books.

Foucault, Michel. 1978. *The History of Sexuality*. New York: Pantheon Books.

Foucault, Michel. 1984. *The Foucault Reader*. New York: Pantheon Books.

Scott, James C. 1998. *Seeing Like a State: How Certain Schemes to Improve the Human Condition Have Failed*. New Haven: Yale University Press.

Social Science versus Natural Science...

Machlup, Fritz. "Are the Social Sciences Really Inferior?" Reprinted in Michael Martin and Lee C. McIntyre (eds), *Readings in the Philosophy of Social Science*. Cambridge: MIT Press, 1994).

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