11.233 Research Design for Policy Analysis and Planning
Fall 2014
Monday, 10:00-1:00pm, Room 10-401

Instructor   **Teaching Assistant**
Gabriella Carolini   Eric Chu
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Office Hours   *Office Hours*
Mondays 4:30-6:30pm (in 9-515)   Wednesdays 3-5pm (in 9-324)

This course develops skills in research design for policy analysis and planning with an emphasis on the logic of the research process and its constituent elements. Through the semester, the course moves from conceptual aspects of research design to concrete data collection techniques and from an emphasis on positive approaches to those that are more interpretive. The course relies on a seminar format so students are expected to read all of the assigned materials and come to class prepared to discuss key themes, ideas, and controversies. Since the materials draw broadly on the social sciences, and since students have diverse interests and methodological preferences, ongoing themes in our discussions will be linking concepts to planning scholarship in general and considering how different epistemological orientations and methodological techniques map on to planning specializations.

Books
The following two books can be easily ordered online or are available within the MIT Libraries. All other required readings are available on the course Stellar site.

> Singleton, Royce A. and Bruce C. Straits. 2009. *Approaches to Social Research*, *Fifth Edition*. Oxford: Oxford University Press.
> Weiss, Robert S. 1995. *Learning from Strangers: The Art and Method of Qualitative Interview Studies*. New York: Free Press.

There are also two additional books that would be helpful references for you to purchase even if not required:

> Locke, Lawrence F., Waneen Wyrick Spirduso, and Stephen J. Silverman. 2007. *Proposals that Work: A Guide for Planning Dissertations and Grant Proposals*. Thousand Oaks, CA: Sage Publications.
> Yin, Robert. 2008. *Case Study Research: Design and Methods, Fourth Edition*. Thousand Oaks: Sage.

Participation
This seminar requires active participation in discussions and critical reflection and assessment of the course material. While quantity matters, this portion of your grade ultimately will be based on the quality of your participation. Therefore, you should be prepared to discuss the main points of the readings, ask questions, provide constructive feedback, and generate and share critical perspectives. Some weeks you may be asked in advance to read and come prepared to summarize a particular article. Other weeks you will be asked to comment on the main arguments and ideas of readings. Your performance in these assignments and discussions will be the factors that determine your participation grade.

Written Assignments
The assignments are designed to help you apply concepts from the readings and discussions to your research interests and to give you an opportunity to experiment with different approaches to research. The main assignment for this course is a research proposal. While you may write a proposal of your choosing,

most students elect to write a proposal for their first-year paper and use the homework assignments to make progress toward completing this proposal.

All assignments should be submitted in 12 point Times Roman font, 8.5 x 11 paper, 1 inch margins all around. The assignments should conform to the page limits specified with all being single-spaced unless otherwise noted. *You should bring a hard copy of every assignment to class. You also should submit your work via Stellar site via the Homework section of the site. Stellar closes at noon or when class starts on the day the assignment is due.*

Deconstructing theory and research frameworks – Due 9/22. Choose one article from the provided list of planning theory articles uploaded on Stellar (and report your choice to me and Eric by 9/15). Write one paragraph summarizing the article's main argument. In a second paragraph, write a few sentences identifying the theory (or theories) referred to in the article and discuss the author(s)' use of said theory (or theories) in helping to situate the article's main points (e.g., how effective or appropriate was the reference to theory, was there a clear theoretical framing, etc).

Research Question and Summary – Due 9/29. Your assignment is twofold. First, choose one reading from the uploaded list of Most Cited Articles and write a brief one paragraph description of the background literature reviewed in that article and what you understand to be the article's main research question(s). Second, with regard to your own work, write a short description of: 1) the problem that is driving your research; and 2) a clearly articulated research question(s). You should write no more than one paragraph about the problem or puzzle that underlies your interest. You then should conclude by stating a single, well phrased, research question. For this assignment you should draw on information from the readings about what makes a good question. It is recommended that you discuss this assignment with your advisor (i.e., schedule an appointment with your advisor and send a draft of your research question a few days in advance of your meeting) before making your submission.

Questions, Hypotheses, and Variables – Due 10/6 – Revisit your research question and rewrite it to reflect your current thinking. Once you have settled on what you believe is a well-phrased question, write at least three hypotheses. Then identify the dependent variable and the independent variables for each hypothesis. For each variable, suggest how it could be operationalized and measured. If the study you envision will not include hypotheses and variables and measurement, you should note this in your assignment. However, since the goal is for you to test out these fundamentals of research design, you should adapt your question so that it enables you to complete the assignment.

COUHES - Due 10/13. Complete the CITI Social & Behavioral Research Course [and pass the online exam. You should send a copy of your "Completion Report" to the TA (you will need to copy and paste the information from the report into a document). This assignment is graded as full credit/ no credit. http://web.mit.edu/committees/couhes/humansubjects.shtml

Survey sampling and survey questions - Due 10/27. Develop a survey or structured-interview instrument that is no longer than three pages. You should include a variety of different question formats to demonstrate your knowledge of the range of question types. Be sure to include a sentence at the top that clearly states your research question, followed by two or three sentences describing what you want to accomplish with the instrument. The instrument should be related to your first-year paper / final proposal topic.

Interview questions and respondent selection criteria - Due 11/3. Develop a conversational or semi-structured interview guide. This should be no longer than one (1) page. Be sure to include a sentence at the top that clearly states your research question, followed by another sentence or two summarizing

what you want to accomplish with the instrument and the approach you are taking. Your questions should illustrate that you understand the intent of open-ended questions and that you grasp the intent of follow-up, probing questions. The instrument should be related to your first-year paper / final proposal topic.

Case selection criteria- Due 11/17. Discuss the rationale for case selection or sampling for your research. This assignment should be no longer than one (1) page. Be sure to include a sentence at the top that clearly states your research question, followed by another sentence or two summarizing the approach you are taking and anything we should have in mind about your intended research as we read the assignment. Your summary should present your rationale for why you are selecting specific cases. This should be interpreted broadly to encompass your study, so can include the rationale for (a) case site (or comparative case site) selection; (b) survey population and sampling method; or (c) target interview participants and selection methods. For those of you conducting case studies and interviews, you may need to discuss both *a* and *c*. Your discussion should be informative about your rationale, methods of selection/ identification of locations and/ or participants, and limits to your approach.

Proposal Draft - Due 12/1. Submit a draft that will serve as the foundation for your final proposal. In one paragraph, state your research question and provide a brief summary of the body of theory where you expect to situate your research. In the remainder of the space allocated, elaborate on the elements of research design discussed in class. This should include discussion (not necessarily in this order and modified as appropriate to suit the approach of your study) of your unit and level of analysis, summary of key variables, issues of measurement, validity, and reliability (as well as threats to validity and reliability), and the rationale for your case selection. It also should include a discussion of the data collection and analysis approach you envision using. It is expected that you will submit this assignment to your advisor, that you will have a meeting to discuss your ideas and progress, and that you will make revisions prior to making your final class submission. At the top or end of the document, indicate the name of your advisor and the date when you are scheduled to meet. The assignment can be up to ten (10) pages in length, double-spaced.

Proposal Feedback – Due 12/8. We will arrange for you to swap your proposal draft with one of your colleagues. Drawing on your understanding of the class materials, you should provide detailed written comments on how the proposal can be improved. Your comments should be about one page single-spaced. Be sure to give consideration to all of the elements of good research design, particularly the clarity and "researchability" of the question being posed, operationalization of constructs, quality of hypotheses, discussion of internal and external validity, appropriateness of the data collection method for answering the question being posed, and quality of description of data collection protocols. A proposal may include some or all of the elements, depending on the question being asked and epistemological foundation on which the study is built.

Final Proposal - Due 12/15. The final submission may be up to fifteen (15) double-spaced pages of text. This length is exclusive of references and instruments. You should follow the format of a standard research proposal discussed in class. You also are required to include an Appendix of up to one page in length that states when you met with your advisor and what changes you made to your proposal as a result of this meeting.

Grading

Deconstructing theory – 3%	Questions, hypotheses, variables – 6%
Research question and summary – 4%	
CITI Exam – 4%	Survey instrument – 6%
Interview instrument – 6%	Case selection – 6%

Proposal draft 15%   Proposal feedback – 10%
Final proposal– 20%   Participation – 20%

Final grades are based on a weighted average for the term. Grade cutoff points are as follows:

| A = 93-100% | B+ = 87-89% | B- = 80-82% | C = 73-76% | D+ = 67-69% | D = 63-66% |
| A- = 90-92% | B = 83-86% | C+ = 77-79% | C- = 70-72% | D- = 60-62% | F = <60 |

Course Policies

Attendance: While it may seem obvious, you are required to attend all class sessions. If you will miss a session, be courteous and let us know in advance. Keep in mind that you need to be present to get a good participation grade.

Class start and finish: It is disruptive when you arrive late or leave early, so be mindful of the time and the impact your behavior has on your instructor and colleagues.

Late submissions/ non-submissions: In general, late submissions of assignments will not be accepted and you will receive a zero for any assignment not turned in on time. We understand that things happen in people's lives and therefore, exceptions will be made in extraordinary circumstances. If you are granted an extension for any of the assignments, you will be given an alternate deadline for submission. If you need to arrange in advance to receive an incomplete for the semester, you will be given an alternate date by which you will need to submit outstanding work (by email). Work not received by the agreed upon date will receive a zero/ no credit and will be used in computing your final grade for the course.

Writing: Doctoral work requires that you have the ability to effectively communicate your ideas in writing. If you have difficulty writing in proper English, you should seek assistance at the MIT Writing and Communication Center. If we suggest you visit the writing center, you should do so as our intent is to ensure that you are able to achieve your potential in your written work. As a rule of thumb, you should get in the habit of having your graduate student colleagues review and comment on your work before making a submission.

Length for written work: If you are able to complete a first rate assignment in less space than is allocated, you are invited to do so. However, keep in mind that longer is not better. We will read and grade only the specified number of pages for an assignment, so exceeding the specified length does not work to your advantage.

Disabilities: If you have a documented disability, or any other problem you think may affect your ability to perform in class, please see me early in the semester so we can work together to accommodate your needs.

Academic Misconduct: Plagiarism and cheating are both academic crimes. Never turn in an assignment that you did not write yourself or turn in an assignment for this class that you previously turned in for another class or are submitting in whole or in part for another class during the same semester. If you do so, it may result in a failing grade for the class, and possibly even suspension. Please see me if you have any questions about what constitutes plagiarism. Anyone caught cheating or plagiarizing will be reported to the provost in line with recognized university procedures.

Tomorrow's Professor blog: https://mailman.stanford.edu/mailman/listinfo/tomorrows-professor
The Professor is In blog: http://theprofessorisin.com/
MIT Libraries productivity page and references page:
        http://libguides.mit.edu/references
        http://libraries.mit.edu/research-support/productivity-tools/

Weekly Readings

9/8   Introduction to Policy and Planning Inquiry
Rittel, H. and Webber, M. (1973) Dilemmas in a General Theory of Planning, *Policy Sciences* Vol.4, 155-169.
Singleton, Royce A. and Bruce C. Straits (2009) Chapter 1 in *Approaches to Social Research*, *Fifth Edition*. Oxford: Oxford University Press.
Schwartz, M. (2008) "The importance of stupidity in scientific research", in *Journal of Cell Science* 121, 1771
Henderson, B. (2005) Open Letter to Kansas School Board.
The Telegraph (2005) "In the beginning there was the Flying Spaghetti Monster"
Becker, Howard (1967) "Whose Side are we On?" *Social Problems* 14(3): 239-47.
Feynman, Richard (1974) "Cargo Cult Science." Caltech commencement address available at - http://www.lhup.edu/~DSIMANEK/cargocul.htm
Watch - http://www.npr.org/blogs/krulwich/2012/05/17/152913171/the-essence-of-science-explained-in-63-seconds
Watch - http://www.colbertnation.com/the-colbert-report-videos/414796/june-04-2012/the-word---sink-or-swim

Recommended Readings
Behn, Robert D. 1985. "Policy Analysts, Clients, and Social Scientists." *Journal of Policy Analysis and Management* 4(3): 428-432.
Bohm, David and F. David Peat. 1987. *Science, Order, and Creativity: A Dramatic New Look at the Creative Roots of Science and Life.* Toronto: Bantam Books.
Camic, Charles and Xie, Yu. 1994. "The Statistical Turn in American Social Science: Columbia University, 1890 to 1915." *American Sociological Review* 59: 773-805.
Etzioni, Amatai. 1971. "Policy Research." *American Sociologist* 6: 8-12.
Hopkins, Lewis D. 2001. "Planning as Science: Engaging Disagreement." *Journal of Planning Education and Research* 20(4): 399-406.
Lindblom, Charles E.1987 "Who Needs What Social Research for Policymaking?" *Evaluations Studies Review* 12: 163-184.
Merton, Robert K. 1949. "The Role of Applied Social Science in the Formulation of Policy: A Research Memorandum." *Philosophy of Science* 16(3): 161-181.
O'Rand, Angela M. 1992. "Mathematizing Social Science in the 1950s: The Early Development and Diffusion of Game Theory." *History of Political Economy* 24: 177-204.

9/15   Ways of Knowing in Policy and Planning Research
Dewey, J. (1916) *Democracy and Education*. Chapters 20 and 25. The Macmillan Company. Copyright renewed 1944 John Dewey. HTML markup copyright 1994 ILT Digital Classics. Go to: http://www.gutenberg.org/files/852/852-h/852-h.htm
Flyvbjerg, B. *Making Social Science Matter* – READ pages 1-109.
Casti, John L. 1989. *Paradigms Lost: Tackling the Unanswered Mysteries of Modern Science*. New York: Avon Books: 1-67.

<u>Recommended Readings</u>

Allmendinger, Philip. 2002. "Towards a Post-Positivist Typology of Planning Theory." Planning Theory 1(1): 77-99.

Becker, Howard S. 1996. "The Epistemology of Qualitative Research." Pp. 53-71 in R. Jessor, A. Colby, and R Schweder (eds.), Ethnography and Human Development: Context and Meaning in Social Inquiry. Chicago: University of Chicago Press.

Feyerabend, Paul K. 1975. Against Method: Outline of an Anarchistic Theory of Knowledge. Verso

Feynman, Richard. 1968. "What is Science?" The Physics Teacher 7(6): 313-320. Available at: http://www.feynman.com/

Fischer, F. and Forester, (1993) J. Editors' Introduction, in The Argumentative Turn in Policy Analysis and Planning. Duke University Press.

Geertz, Clifford. 1973. (Skim: Read as interested) "Thick Description: Toward an Interpretive Theory of Culture." Chapter 1 in The Interpretation of Cultures. New York: Basic Books, pp. 3-54.

Habermas, Jurgen. 1988. On the Logic of the Social Sciences. Cambridge, MA: MIT Press.

Kuhn, Thomas. 1970. The Structure of Scientific Revolutions. Chicago: University of Chicago Press.

Little, Daniel. 1991. Varieties of Social Explanation: An Introduction to the Philosophy of Social Science. Boulder, CO: Westview Press.

Little, Daniel. 1993. "Evidence and Objectivity in the Social Sciences." Social Research 60: 363-96.

Little, Daniel. 1995. "Objectivity, Truth, and Method: A Philosopher's Perspective on the Social Sciences." Anthropology Newsletter, November.

Mahoney, James and Gary Goertz. 2006. "A Tale of Two Cultures: Contrasting Quantitative and Qualitative Research." Political Analysis 14(3): 227-249.

Medawar, Peter. 1964. "Is the Scientific Paper a Fraud." BBC Talk

Moore, Mark. "Social Science and Policy Analysis." 1983. In Ethics, the Social Sciences, and Policy Analysis. Edited by Daniel Callahan, and Bruce Jennings. New York, NY: Plenum Press.

Morgan, Gareth and Linda Smircich. 1980. "The Case for Qualitative Research." The Academy of Management Review 5: 491-500.

Nagel, Ernest. 1979. The Structure of Science: Problems in the Logic of Scientific Explanation.

Popper, Karl R. 1959. The Logic of Scientific Discovery. Hutchinson & Company.

Rabinow, Paul and William Sullivan. 1988. Interpretive Social Science: A Second Look Interpretive Social Science: A Second Look. University of California Press.

Shadish, W. R. 1995. "Philosophy of Science and the Quantitative-Qualitative Debates: Thirteen Common Errors." Evaluation and Program Planning 18: 63-75.

Singleton, Royce A. and Bruce C. Straits. 2009. Chapter 2 in Approaches to Social Research, Fifth Edition. Oxford: Oxford University Press.

Taylor, Charles. 1988. "Interpretation and the Sciences of Man." Pp. 33-81 in P. Rabinow and W. Sullivan (eds.), Interpretive Social Science: A Second Look. University of California Press.

9/22   Theorizing and Theories

Sutton, R., and B. Staw. "What Theory is Not." *Administrative Science Quarterly* 40 (1995): 371-384.

Weick, K. "What Theory is Not, Theorizing is." *Administrative Science Quarterly* 40 (1995): 385-390.

DiMaggio, P. "Comments on "What theory is not." *Administrative Science Quarterly* 40 (1995): 391-397.

Fainstein, S. (2005) "Planning Theory and the City", in *Journal of Planning Education and Research* 25:121-130

Marcuse, P. (2009) "From Critical Urban Theory to the Right to the City", in *City: analysis of urban trends, culture, theory, policy, action*, Vol. 13, No.2-3: 185-197.

Brenner, N. (2009) "What is Critical Urban Theory", in *City: analysis of urban trends, culture, theory, policy, action*, Vol. 13, No. 2-3: 198-207.

* If you are not already familiar with this piece or want a basic refresher on planning theory, please also review: Fainstein, S. (2000) "New Directions in Planning Theory" in *Urban Affairs Review,* Vol. 35: 451-478.

**<u>Additional Reading for Written Assignment</u>

Review list of planning theory articles uploaded on Stellar and **choose one** for use in for your written assignment.

9/29   From Literature Reviews to Research Questions

Booth, Wayne C., G.G. Colomb and J.M. Williams. 2003. Chapter 3 "From Topics to Questions" and Chapter 4 "From Questions to Problems," in *The Craft of Research,* Chicago, IL: The University of Chicago Press, pp. 40-71.

Wildavsky, Aaron. 1993. Chapter 3, "Reading with a Purpose." In *Craftways: On the Organization of Scholarly Work*. New Brunswick, NJ: Transaction Publishers.

Creswell, John W. 1994. Chapter 2, "Uses of Literature", in *Research Design: Qualitative and Quantitative Approaches*. Thousand Oaks: Sage Publications.

HELPFUL TO SKIM: Craig C. Lundberg et al, "Inventing and Framing Research." Pp. 247-285 in Craig C. Lundberg and Cheri A. Young (eds.). 2005. *Foundations for Inquiry: Choices and Trade-Offs in the Organizational Sciences*. Stanford University Press.

**<u>Additional Reading for Written Assignment</u>

Uploaded onto Stellar is a recent *Most Cited Articles* list from four major planning journals. **Choose one** for use in your written assignment.

10/6   Research Proposals and Research Ethics

Singleton, Royce A.and Bruce C. Straits. 2009. Chapters 3, 4, and 5 in *Approaches to Social Research*, *Fifth Edition*. Oxford: Oxford University Press.

Watts, Michael. 2006. "In Search of the Holy Grail: Projects, Proposals, and Research Design, but Mostly About Why Writing a Dissertation Proposal Is So Difficult." *A Handbook for Social Science Field Research.* Sage. Pp. 175-196.

<u>FURTHER HELPFUL REFERENCES FOR ASSIGNMENT:</u>

McGrath, Joseph E. 1981. "Dilemmatics: The Study of Research Choices and Dilemmas." *American Behavioral Scientist* 25(2): 179-211.

Schwab, Donald P. 1980. "Construct Validity in Organizational Behavior." *Research in Organizational Behavior* 2: 3-43.

<u>Recommended Readings</u>

Adcock, Robert and David Collier. 2001. "Measurement Validity: A Shared Standard for Qualitative and Quantitative Research." American Political Science Review 95(3): 529-546.

Baumrind, Diana. 1964. "Some Thoughts on Ethics of Research: After Reading Milgram's 'Behavioral Study of Obedience'." American Psychologist 19: 421-423

Berg, Bruce L. 2001. Qualitative Research Methods for the Social Sciences. Boston: Allyn and Bacon.

Berk, Richard A. 1998. "An Introduction to Sample Selection Bias in Sociological Data." American Sociological Review 48: 386-398.

Carmines, E. G., and Zeller, R. A. 1979. Reliability and Validity Assessment. Newbury Park, CA: Sage.

Cook, Thomas D. and Campbell, Donald T. 1979. Quasi-Experimentation: Design and Analysis Issues for Field Settings. Boston: Houghton-Mifflin. Skim pages 1-36, 50-137.

Creswell, John W. 1988. Qualitative Inquiry and Research Design: Choosing from Among Five Traditions. Thousand Oaks: Sage.

Curran, Sara. 2006. "Ethical Considerations for Research in Cross-Cultural Settings." Pages 197-216 in A Handbook for Social Science Field Research. Sage.

Haraway, Donna. 1991. "Situated Knowledges: The Science Question in Feminism and the Privilege of Partial Perspective." Simians, Cyborgs, and Women: The Reinvention of Nature. New York: Routledge.

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

Kelman, Herbert C. 1975. "The Rights of the Subject in Social Research: An Analysis in Terms of Relative Power and Legitimacy." Pp. 432-451 in Fist-fights in the Kitchen: Manners and Methods in Social Research.

King, Gary, Robert O. Keohane, and Sidney Verba. 1994. Designing Social Inquiry: Scientific Inference in Qualitative Research. Princeton: Princeton University Press. Page 35-49 and 76-91.

Kirk, Jerome and Marc L. Miller. 1986. Reliability and Validity in Qualitative Research. Newbury Park: Sage.

Locke, Lawrence F., Waneen Wyrick Spirduso, and Stephen J. Silverman. 2007. Proposals that Work: A Guide for Planning Dissertations and Grant Proposals. Thousand Oaks, CA: Sage Publications. Read pages 3-24; skim 41-128 and 201-312 as interested.

McIver, John P. and Edward G. Carmines. 1981. Unidimensional Scaling. Thousand Oaks, CA: Sage.

Milgram, Stanley. 1964. "A Reply to Baumrind." American Psychologist 19: 848-852.

Milgram, Stanley. 2004. Obedience to Authority: An Experimental View. New York: HarperCollins.

Patton, Michael Q. 1990. Qualitative Evaluation and Research Methods. Newbury Park: Sage.

Przeworski, Adam, and Frank Salamon. 1988. On the Art of Writing Proposals: Some Candid Suggestions for Applicants to Science Research Council Competitions

Skim: Jones, Charles O. 1974. "Doing Before Knowing: Concept Development in Political Research." American Journal of Political Science 18(1): 215-228.

Woods, M. (2014) "OKCupid Plays with Love in User Experiments", in The New York Times, July 28, 2014.

10/13 Columbus Day Holiday – NO CLASS - COUHES/CITE Exam Due

Read all of the COUHES web materials and complete the human subjects training and exam. Follow links from homepage at: http://web.mit.edu/committees/couhes/

10/20   Survey Sampling, Methods, and Questionnaire Design
(Invited Speaker – Prof. Joyce Rosenthal, GSD, Harvard)

Singleton, Royce A. and Bruce C. Straits. 2009. Chapters 6, 9 and 10 in *Approaches to Social Research, Fifth Edition*. Oxford: Oxford University Press.

Dillman, Don A. 2006. *Mail and Internet Surveys: The Tailored Design Method.* Hoboken, NJ: John Wiley & Sons. Pages 3-31.

Schaeffer, Nora Cate and Stanley Presser. 2003. "The Science of Asking Questions." *Annual Review of Sociology* 29: 65-88.

Fowler, Floyd F. 1998. "Design and Evaluation of Survey Questions." Pp. 343-374 in L. Bickman and D.J. Rog, (eds.), *Handbook of Applied Social Research Methods*. Thousand Oaks: Sage.

Recommended Reading

Couper, Mick P. 2000. "Web Surveys: A Review of Issues and Approaches." Public Opinion Quarterly 64(4): 464-494.

Czaja, Ronald and Johnny Blair. 1996. Designing Surveys: A Guide to Decisions and Procedures. Thousand Oaks: Pine Forge.

Dillman, Donald A. 2006. "Why Choice of Survey Mode Makes a Difference." Public Health Reports. 121(1): 11-13.

Fowler, Floyd J. 1988. Survey Research Methods. Newbury Park: Sage.

Kalton, G. 1983. Introduction to Survey Sampling. Volume 35. Newbury Park, CA: Sage

Kuzel, Anton J. 1992. "Sampling in Qualitative Inquiry." Pp. 31-45 in B. F. Crabtree and W. L. Miller (eds.), Doing Qualitative Research. Newbury Park, CA: Sage Publications.

Lavrakas, Paul J. 1998. "Methods for Sampling and Interviewing in Telephone Surveys." Pp. 429-472 in L. Bickman and D.J. Rog, (eds.), Handbook of Applied Social Research Methods. Thousand Oaks: Sage.

Lenth R. 2001. "Some Practical Guidelines for Effective Sample Size Determination." The American Statistician, 55, 187-193.

Mangione, Thomas W. 1998. Mail Surveys. Pp. 399-427 in L. Bickman and D.J. Rog, (eds.), Handbook of Applied Social Research Methods. Thousand Oaks: Sage.

Tourangeau, Roger and Tom W. Smith. 1996. "Asking Sensitive Questions: The Impact of Data Collection Mode, Question Format, and Question Context." Public Opinion Quarterly 60(2): 275-304.

Tourangeau, Roger. 2004. "Survey Research and Societal Change." Annual Review of Psychology 55: 775-801.

10/27   Causality and Experimental Designs
(Invited speaker –Dr. Matthew Wai-Poi, World Bank Economist – Indonesia Office)

Singleton, Royce A. and Bruce C. Straits. 2009. Chapter 7 and 8 in *Approaches to Social Research*, *Fifth Edition*. Oxford: Oxford University Press.

Dunning, Thad. 2007. "Improving Causal Inference: Strengths and Limitations of Natural Experiments." *Political Research Quarterly.*

Marini, Margaret and Burton Singer. 1988. "Causality in the Social Sciences." *Sociological Methodology* 18: 347-409.

Alatas, V., Banerjee, A., Hanna, R., Olken, B., Purnamasari, R. and Wai-Poi, M. (2013) Does Elite Capture Matter? Local Elites and Targeted Welfare Programs in Indonesia, NBER Working Paper No. 18798, February 2013, JEL No. D73,H53,O12. http://www.nber.org/papers/w18798.pdf

Recommended Readings
Berkowitz, Leonard and Edward Donnerstein. 1982. "External Validity is More Than Skin Deep: Some Answers to Criticisms of Laboratory Experiments." American Psychologist 37:245-257.

Burtless, Gary. 1995. "The Case for Randomized Field Trials in Economic and Policy Research." *Journal of Economic Perspectives* 9(2): 63-84.

Campbell, Donald T. and Julian C. Stanley. 1963. *Experimental and Quasi-Experimental Designs for Research*.

Heckman, James J. and Jeffrey A. Smith. 1995. "Assessing the Case for Social Experiments." *Journal of Economic Perspectives* 9 (2): 85-110.

Moffitt, Robert A. 2004. "The Role of Randomized Field Trials in Social Science Research: A Perspective from Evaluations of Reforms of Social Welfare Programs." *American Behavioral Scientist* 47(5): 506-540.

McDermott, Rose. 2002. "Experimental Methods in Political Science." *Annual Review of Political Science* V. Palo Alto, CA: Annual Reviews.

McDermott, Rose. "Experimental Methodology in Political Science." *Political Analysis* 10(4): 325-42.

Vaughn McKim and Stephen Turner. 1997. *Causality in Crisis? Statistical Methods and the Search for Causal Knowledge in the Social Sciences*. University of Notre Dame.

Yee, Albert. 1996. "The Causal Effects of Ideas on Policies." *International Organization* 50(1): 69-109.

11/3   Interviewing
Weiss, Robert S. 1994. *Learning from Strangers: The Art and Method of Qualitative Interview Studies*. New York: Free Press. Read chapters 1-4; Skim remainder as interested.

Leech, Beth. 2002. "Asking Questions: Techniques for Semistructured Interviews." *Political Science & Politics* 35(4):665-668.

Pawson, Ray. 1996. "Theorizing the Interview." *British Journal of Sociology* 47(2): 285-314.

Recommended Readings

Denzin, Norman K. and Yvonna S. Lincoln (Eds). 2003. *Collecting and Interpreting Qualitative Materials*. Second Edition. Sage Publications. Thousand Oaks.

Gluck, Sherna Berger and Daphne Patai. 1991. *Women's Words: The Practice of Feminist Oral History*. London: Routledge.

Goldstein, Kenneth. 2002. "Getting in the Door: Sampling and Completing Elite Interviews." *Political Science & Politics* 35(4): 669-672.

Guest, Greg, Arwen Bunce, and Laura Johnson. 2006. "How Many Interviews Are Enough?: An Experiment with Data Saturation and Variability." *Field Methods* 18(1): 59-82.

McCracken, Grant. 1988. *The Long Interview*. Thousand Oaks: Sage.

Mishler, Elliot G. 1991. *Research Interviewing*. Cambridge, MA: Harvard University Press.

Rubin, Herbert J and Irene S. Rubin. 2004. *Qualitative Interviewing: The Art of Hearing Data*. Thousand Oaks, CA: Sage Publications.

Seidman, I. E. 1998. *Interviewing as Qualitative Research, Second Addition*. NY: Teachers College Press.

Woliver, Laura R. 2002. *Ethical Dilemmas in Personal Interviewing*. Political Science & Politics 35(4): 677-678.

11/10   Veteran's Day Holiday – NO CLASS

11/17   Case Study Selection and Data Collection Methods
(Invited speaker – Dr. Atul Pokharel, Post-doctoral Fellow, Brown University)

Flyvbjerg, Bent (2006) "Five Misunderstandings about Case-Study Research", in *Qualitative Inquiry*, Vol. 12, No. 2, April.

George, Alexander L., and Andrew Bennett. 2005. *Case Studies and Theory Development in the Social Science*. Cambridge, Mass: MIT Press. Read pages 3-36, skim pages 73-108.

Seawright, Jason and John Gerring. 2008. "Case Selection Techniques in Case Study Research: A Menu of Qualitative and Quantitative Options." *Political Research Quarterly* 61: 294-308

Woolcock, M. (2013) *Draft*: *Using Case Studies to Explore the External Validity of Complex Development Interventions.*

FURTHER HELPFUL REFERENCE BOOK:

Yin, Robert. 2008. *Case Study Research: Design and Methods Third Edition*. Thousand Oaks: Sage. Read pages 1-19, skim 20-56, remainder of book as interested.

Recommended Readings

Bennett, Andrew and Colin Elman. 2006. "Complex Causal Relations and Case Study Methods: The Example of Path Dependence." Political Analysis 14(3): 250.

Bennett, Andrew and Colin Elman. 2006. "Qualitative Research: Recent Developments in Case Study Methods," Annual Review of Political Science, pp. 455-476.

Burawoy, Michael. 1998. "The Extended Case Method." Sociological Theory 16(1): 4-33.

Collier, David and James Mahoney. 1996. "Insights and Pitfalls: Selection Bias in Qualitative Research." World Politics 49(1): 56-91.

Collier, David, James Mahoney, and Jason Seawright. 2004. "Claiming Too Much: Warnings about Selection Bias," pp. 85-102 in Henry Brady and David Collier, eds., Rethinking Social Inquiry: Diverse Tools, Shared Standards. Lanham: Rowman and Littlefield.

Feldman, Martha. 1995. Strategies for interpretive qualitative data. Thousand Oaks, CA: Sage Publications.

Gary King, Robert Keohane, and Sidney Verba. 1994. Designing Social Inquiry. Princeton: Princeton University Press. Pages 115-149

Geddes, Barbara. 2003. "How the Cases You Choose Affect the Answers You Get: Selection Bias and Related Issues." Paradigms and Sandcastles: Theory Building and Research Design in Comparative Politics. Ann Arbor: University of Michigan. Skim pages 89-129.

George, Alexander L., and Andrew Bennett. 2005. "Process-Tracing and Historical Explanation." Pp. 205-232 in A. L. George and A. Bennett (eds.), Case Studies and Theory Development in the Social Science. Cambridge, Mass: MIT Press.

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Gerring, John. 2007. "The Case Study: What it is and What it Does." In Charles Boix and Susan Stokes (eds.), The Oxford Handbook of Comparative Politics, pp 90-122.

Hatry, Harry P. 2004. "Collecting Data from Agency Records." Pp. 364-385 in Joseph Wholey, et al, Handbook of Practical Program Evaluation. San Francisco: Jossey-Bass.

Ragin, Charles and Howard Becker. 1992. What is a Case?: Exploring the Foundations of Social Inquiry. Cambridge: Cambridge University Press

Webb, Eugene and Karl E. Weick. 1979. "Unobtrusive Measures in Organizational Theory: A Reminder." Administrative Science Quarterly 24(4): 650-659.

Webb, Eugene J., Donald T. Campbell, Richard D. Schwartz, and Lee Sechrest. 1999. Unobtrusive Measures, Revised Edition. Thousand Oaks, CA: Sage Publications.

Yin, Robert K. 2002. Applications of Case Study Research. Thousand Oaks, CA: Sage.

Yin, Robert K. 2004. The Case Study Anthology. Thousand Oaks: Sage.

Zeisel, John. 2006. Chapters 8, 9, and 13 in Inquiry by Design: Environment/Behavior/ Neuroscience in Architecture, Interiors, Landscape and Planning. New York: W.W. Norton & Company.

11/24   Navigating DUSP and the First Year Paper *(Student-led Session w/ other Doctoral students)*
Prasad, A. (2013) "Playing the game and trying not to lose myself: a doctoral student's perspective on the institutional pressures for research output", in *Organization*, Vol. 20(6) 936–948.
Review a few first year paper proposals and papers posted on the stellar site.

12/1   Field and Ethnographic Methods/ Introduction to Qualitative Analysis
Emerson, Robert M. 2001. *Contemporary Field Research: Perspectives and Formulations*. Waveland Press. Pp. 1-25, pp 26-53 as interested.

Emerson, Robert, Rachel Fretz and Linda Shaw. 1995. "Fieldnotes in Ethnographic Research" and "In the Field: Participating, Observing, and Jotting Fieldnotes." In *Writing Ethnographic Fieldnotes*. Chicago: University of Chicago Press, pp. 1-35.

Stewart, D. and Shamdasani, P. (1990) Chapters 1 and 2 in *Focus Groups: Theory and Practice*.

Whyte, William Foote. 1984. *Learning from the Field: A Guide from Experience*. Newbury Park, CA: Sage.

Recommended Readings
Adler, Patricia A. and Peter Adler. 1987. *Membership Roles in Field Research*. Sage Publications.

Barrett, Christopher B. and Jeffrey W. Cason. 1997. *Overseas Research: A Practical Guide.* Baltimore: Johns Hopkins University Press.

Becker, Howard S. and Blanche Geer. 1957. "Participant Observation and Interviewing: A Comparison." *Human Organization* XVI: 28-34.

Becker, Howard S. 1958. "Problems of Inference and Proof in Participant Observation." *American Sociological Review* 23: 652-660.

Becker, Howard. 1998. *Tricks of the Trade: How to Think About Your Research While You're Doing it*. Chicago, IL: University of Chicago Press.

Bernard, H. Russell. 2002. "Field Notes: How Take Them, Code Them, Manage Them." Pp 365-389 in *Research Methods in Anthropology: Qualitative and Quantitative Approaches*. Altamira Press.

Christopher B. Barrett and Jeffrey W. Cason. 1997. *Overseas Research: A Practical Guide.* Baltimore: Johns Hopkins University Press.

Devereux, Stephen and John Hoddinott. 1993. *Fieldwork in Developing Countries*. Boulder, CO: Lynne Reinner Publishers.

Dewalt, Kathleen M. and Billie R. Dewalt. 2002. "Writing Fieldnotes" and "Sample Fieldnotes." In *Participant Observation: A Guide for Fieldworkers.* Alta Mira.

Emerson, Robert M., Rachel I. Fretz, and Linda L. Shaw. 1995. *Writing Ethnographic Fieldnotes*. Chicago: University of Chicago Press.

Hesse-Biber, Sharlene Nagy and Patricia Leavy. 2006. "Analysis and Interpretation of Qualitative Data." Chapter 10 in *The Practice of Qualitative Research*. Sage Publications.

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Read, B., MacLean, L.M. and Cammett, M. 2006. "Symposium: Field Research: How Rich? How Thick? How Participatory?" *Qualitative Methods*. 4(2) 9-18.

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Schrank, Andrew. 2006. "Bringing It All Back Home: Personal Reflections on Friends, Findings, and Fieldwork." *A Handbook for Social Science Field Research.* Thousand Oaks, CA: Sage.

Van Maanen, John. 1979. "The Fact of Fiction in Organizational Ethnography." *Administrative Science Quarterly* 25(4): 539-550.

Van Maanen, John. 1988. *Tales of the Field: On Writing Ethnography*. Chicago: University of Chicago Press.

Warren, Carol A. B. and Tracy X. Karner. 2005. "Analyzing Qualitative Data." Pp. 187-218 in *Discovering Qualitative Methods: Field Research, Interviews, and Analysis*. Los Angeles, CA: Roxbury Publishing Company.

Warren, Carol A.B. and Jennifer K. Hackney. 2000. *Gender Issues in Field Research.* Thousand Oaks, CA: Sage.

Whyte, William Foote. 1984. "Focusing the Study and Analyzing the Data." Chapter 5 in *Learning from the Field: A Guide from Experience*. Newbury Park, CA: Sage.

Wolf, Diane. 1996. *Feminist Dilemmas in Fieldwork*. Westview Press.

Wood, Elizabeth. 2007. "Field Research." In Charles Boix and Susan Stokes (eds.), *The Oxford Handbook of Comparative Politics*, pp 123-146.

12/8   Knowledge and Action in Scholarly Research

Argyris, C., Putnam, R. and McLain Smith, D. (1985) Chapters 7 and 8 in *Action Science*.

Cornwall, A. (2011) "Part II: Participatory Methodologies: Principles and Applications", Chapters 7-13, in *The Participation Reader* (Part III on Participatory Action Research).

Forsyth, Ann. 2012. "Alternative Cultures in Planning Research—From Extending Scientific Frontiers to Exploring Enduring Questions." *Journal of Planning Education and Research* 32: 160-168.

Campbell, Heather. 2012. "Planning to Change the World: Between Knowledge and Action Lies Synthesis." *Journal of Planning Education and Research* 32: 135-146.

Siemiatycki, Matti. 2012. "The Role of the Planning Scholar: Research, Conflict, and Social Change." *Journal of Planning Education and Research*32: 147-159.

Recommended Readings

"Considerations for Inquiry's Journey." Pages 421-466 in Craig C. Lundberg and Cheri A. Young (eds.). 2005. *Foundations for Inquiry: Choices and Trade-Offs in the Organizational Sciences*. Stanford University Press.

Mills, C. Wright. 1959. *The Sociological Imagination*. London: Oxford University Press, pp. 195-226.

Wildavsky, Aaron. 1993. *Craftways: On the Organization of Scholarly Work.* Transaction Publishers.