

PS 247A Quantitative Approaches to International Relations

Fall Quarter 2004

SSB 104, Wednesday 5:00-7:50 PM

Kristian Skrede Gleditsch

kgleditsch@ucsd.edu, SSB 383

Tel: (858) 822 0535 (Please note that I don't use voice mail, email is much better)

Office Hours: Tuesday 9.30-11.30 and by appointment

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Course Description*

This course introduces students to quantitative approaches to international relations, with particular emphasis on research on conflict and peace. Since the quantitative international relations literature is so extensive, the particular readings and issues that we cover in this must inevitably be a small and somewhat idiosyncratic sample. However, we will also focus on more general issues and generic skills in empirical analysis that have wider applicability in international relations research beyond the specific readings assigned. The course will also focus on how to go beyond consuming or evaluating the research of others to become active contributors and improve on existing research.

There are two assignments for this class. First, you must submit two short (3-5 pp.) papers summarizing the readings for a particular week. These short papers should be distributed to the class ahead of the meeting time. Each student preparing a paper for given week – possibly in collaboration with other students – should prepare a short class presentation and be prepared to lead discussion. The goal of this exercise is not simply to summarize the assigned readings as others in the class already will be familiar with these. Rather, a good summary will discuss the broader issues, themes, and questions underlying the readings or identify problems with research design and potential flaws in the particular articles, and serve as a starting point for in-class discussion.

Second, you must submit a replication paper, a research design, or a research paper. This is due at the end of the course, and will be presented to the class during the last week of the quarter. You are strongly encouraged to meet with me individually regarding your paper before you begin.

The final paper will contribute 60% to your final grade. The remaining 40% will be based on class participation. (This includes both the short papers and class presentation, as well as your contributions to class discussion.)

* Disclaimer: The syllabus is intended to provide an overview over the course. You cannot claim any rights from it. In particular, scheduling and dates may change. Although the syllabus should be a fairly reliable guide for the course, official announcements are always those made in class.

Most of the readings for this course consist of journal articles. Many of the articles are available electronically on JSTOR or through the UCSD library home page. I will make all the material available in the graduate student lounge. Interests will vary and time is often scarce, but you should read at least six of the assigned required readings if you cannot cover all the readings.

Most and Starr (1989) is recommended background reading for the first week. You may also find a number of books helpful for both this course as well as future reference – see the below list. However, these are not required reading *per se* for this course.

- Carlsnaes, Walter, Thomas Risse, and Beth A Simmons (Eds.). 2002. *Handbook of International Relations*. Thousand Oaks, CA: SAGE.
- Harvey, Frank P., and Michael Brecher (Eds.). 2002. *Evaluating Methodology in International Studies*. Ann Arbor, MI: University of Michigan Press.
- Midlarsky, Manus I. 2000. *Handbook of War Studies II*. Ann Arbor, MI: University of Michigan Press.
- Sandler, Todd, and Keith Hartley. 1995. *The Economics of Defense*. Cambridge: Cambridge University Press.
- Sprinz, Detlef, and Yael Wolinsky-Nahmias (Eds.). 2004. *Models, Numbers, and Cases: Methods for Studying International Relations*. Ann Arbor, MI: University of Michigan Press.

1. Course overview and introduction

Required reading

- Bueno de Mesquita, Bruce. 1985. "Toward a Scientific Understanding of International Conflict: A Personal View," *International Studies Quarterly* 29:121-54 (with comments).
- Gaddis, John Lewis. 1992/93. "International Relations Theory and the End of the Cold War," *International Security* 17:5-58.
- Ray, James Lee and Bruce Russett. 1996. "The Future as Arbiter of Theoretical Controversies: Predictions, Explanations and the End of the Cold War," *British Journal of Political Science* 26:441-70.
- Simowitz, Roslyn L. & Barry Price. (1986) "Progress in the Study of International Conflict: A Methodological Critique." *Journal of Peace Research* 23(1):29-40.
- Singer, J. David. 1961. "The Level-of-Analysis Problem in International Relations." *World Politics* 14:77-92.
- Zinnes, Dina. 1980. "Three Puzzles in Search of a Researcher," *International Studies Quarterly*, 24:315-42.

This book is not strictly required, but you should try and skim this at some point during the course, preferably before the first class.

- Most, Ben A. and Harvey Starr. 1989. *Inquiry, Logic, and International Politics*. Columbia, S.C.: University of South Carolina Press.

Supplementary

Theme A: Progress in international relations

- Bremer, Stuart A. 1976. "Obstacles to the Accumulation of Knowledge" in James N. Rosenau (ed.) *In Search of Global Patterns*. New York: Free Press.
- Gaddis, John Lewis. 1992/93. "International Relations Theory and the End of the Cold War," *International Security* 17:5-58.
- Jervis, Robert. 1976. "Cumulation, Correlation, and Woozles" in James N. Rosenau (ed.) *In Search of Global Patterns*. New York: Free Press.
- Nicholson, Michael. 1996. *Causes and Consequences in International Relations*. London: Pinter.
- Zinnes, Dina A. 1976. "The Problem of Cumulation." In James Rosenau (ed.) *In Search of Global Patterns*. New York: Free Press.

Theme B: Evaluating scientific research

- Bremer, Stuart A. & Thomas R. Cusak (eds.). 1995. *The Process of War: Advancing the Scientific Study of War*. Luxembourg: Gordon and Breach.
- Orme-Johnson, David W.; Charles N. Alexander and John L. Davies. 1988. "International Peace Project in the Middle East: The Maharishi Technology of the Unified Field," *Journal of Conflict Resolution* 32:776-812 (with comments).
- Schrodtt, Phillip A. 1990. "A Methodological Critique of a Test of the Effect of the Maharishi Technology of the Unified Field," *Journal of Conflict Resolution* 34:745-55.

Theme C: Data on conflict and peace

- Azar, Edward E. 1980. "The Conflict and Peace Databank (COPDAB) project." *Journal of Conflict Resolution* 24:143-52.
- Brecher, Michael, and Jonathan Wilkenfeld. 1997. *A Study of Crisis*. Ann Arbor, MI: University of Michigan Press.
- Gerner, Deborah J., Philip A. Schrodtt, and Ronald A. Francisco. 1994. "Machine Coding of Event Data Using Regional and International Sources." *International Studies Quarterly* 38:91-119.
- Gleditsch, Nils Petter, Peter Wallensteen, Mikael Eriksson, Margareta Sollenberg, and Håvard Strand. 2002. "Armed Conflict 1946-2001: A New Dataset." *Journal of Peace Research* 39:615-37.
- Jones, Daniel M., Stuart A. Bremer, and J. David Singer. 1996. "Militarized Interstate Disputes, 1816-1992: Rationale, Coding Rules, and Empirical Applications." *Conflict Management and Peace Science* 15:163-213.
- Small, Melvin, and J. David Singer. 1982. *Resort to Arms: International and Civil Wars, 1816-1980*. Beverly Hills, CA: Sage.
- Wallensteen, Peter, and Margareta Sollenberg. 2000. "Armed Conflict, 1989-1999." *Journal of Peace Research* 37:635-49.

2. Arms races and hostility: The Richardson model of dyadic interactions

Required reading

- Dixon, William J. 1986. "Reciprocity in United States-Soviet Relations: Multiple Symmetry or Issue Linkage?" *American Journal of Political Science* 30:421-445.
- Goldstein, Joshua S., and Jon C. Pevehouse. 1997. "Reciprocity, Bullying, and International Cooperation: Time-Series Analysis of the Bosnia Conflict." *American Political Science Review* 91:515-30.
- Hamblin, Robert L., Michael Hout, Jerry L. L. Miller, and Brian L. Pitcher. 1977. "Arms Races: A Test of Two Models." *American Sociological Review* 42:338-54.
- Sample, Susan G. 1997. "Arms Races and Dispute Escalation: Resolving the Debate." *Journal of Peace Research* 34:7-22.
- Sandler, Todd, and Keith Hartley. 1995. *The Economics of Defense*. Cambridge: Cambridge University Press, Chapter 4.
- Smith, Ron, Martin Sola, and Fabio Spagnolo. 2000. "The Prisoner's Dilemma and Regime-Switching in the Greek-Turkish Arms Race." *Journal of Peace Research* 37:737-50.
- Ward, Michael Don. 1984. "Differential Paths to Parity: A Study of the Contemporary Arms Race." *American Political Science Review* 78:297-317.

Supplementary

- Boulding, Kenneth E. 1963. *Conflict and Defense: A General Theory*. New York: Harper and Row.
- Diehl, Paul. 1983. "Arms Races and Escalation: A Closer Look." *Journal of Peace Research* 20:205-12.
- Gleditsch, Kristian Skrede, and Kyle C. Beardsley. 2004. "Nosy Neighbors: Third Party Actors in Central American Conflicts." *Journal of Conflict Resolution* 48: 379-402.
- Hess, Gregory. D. 1995. "An Introduction to Lewis Fry Richardson and His Mathematical Theory of War and Peace." *Conflict Management and Peace Science* 14(1): 77-113.
- Intriligator, Michael D., and Dagobert. L. Brito. 1984. "Can Arms Races Lead to the Outbreak of War?" *Journal of Conflict Resolution* 28:63-84.
- Mayer, Thomas F. 1986. "Arms Races and War Initiation: Some Alternatives to the Intriligator-Brito Model." *Journal of Conflict Resolution* 30:3-28.
- Richardson, Lewis F. 1960. *Arms and Insecurity*. Chicago, Pittsburgh, PA: Quadrangle/Boxwood.
- Stoll, Richard J. 1982. "Let the Researcher Beware: The Use of the Richardson Equations to Estimate the Parameters of a Dyadic Arms Acquisition Process." *American Journal of Political Science* 26:77-89.
- Wallace, Michael D. 1979. "Arms Races and Escalation: Some New Evidence." *Journal of Conflict Resolution* 23:3-16.

3. Structural perspectives on power, conflict, and stability

Required reading

- Brecher, Michael; Patrick James, and John F. Wilkenfeld. 1990. Polarity and Stability: New Concepts, Indicators and Evidence. *International Interactions* 16:49-80.
- Cederman, Lars-Erik. 1994. "Emergent Polarity - Analyzing State Formation and Power-Politics." *International Studies Quarterly* 38:501-33.
- Schrodtt, Phillip A. 1978. "Richardson's N-Nation Model and the Balance of Power." *American Journal of Political Science* 22:364-90.
- Singer, J. David, Stuart Bremer, and John Stuckey. 1972. "Capability Distribution, Uncertainty, and Major Power War." In *Peace, War, and Numbers*, edited by Bruce M. Russett, 19-48. Beverly Hills, CA: Sage.
- Thompson, William R. 1986. "Polarity, the Long Cycle, and Global Power Warfare." *Journal of Conflict Resolution* 30:587-615.
- Wayman, Frank Whelon. 1984 "Bipolarity and War: The Role of Capability Concentration and Alliance Patterns among Major Powers, 1816-1965." *Journal of Peace Research* 21(1): 61-78.
- Weede, Erich. 1976. "Overwhelming Preponderance as a Pacifying Condition Among Contiguous Asian Dyads." *Journal of Conflict Resolution* 24:395-411

Supplementary

- Powell, Robert R. 1996 "Stability and the Distribution of Power" *World Politics* 81:717-35.
- Mansfield, Edward D. 1992. "The Concentration of Capabilities and the Onset of War" *Journal of Conflict Resolution* 36:3-24.
- Ordeshook, Peter F., and Emerson S. Niu. 1990. "Stability in International Systems." *American Political Science Review* 84:1207-34.
- Siverson, Randolph M., and Michael P. Sullivan. 1983. "The Distribution of Power and the Onset of War." *Journal of Conflict Resolution* 27.
- Stoll, Richard J., and Michael D. Ward (Eds.). 1989. *Power in World Politics*. Boulder, CO: Lynne Rienner.
- Wagner, R. Harrison. 1994. "Peace, War, and the Balance of Power." *American Political Science Review* 88:595-607.

4. Behavioral perspectives on power, preferences, conflict, and stability

- Bueno de Mesquita, Bruce. "An Expected Utility Theory of International Conflict." *American Political Science Review* 74:917-31
- Fearon, James D. "Signaling versus the Balance of Power and Interests: An Empirical Test of a Crisis Bargaining Model." *Journal of Conflict Resolution* 38(2): 236-269.
- Gartzke, Erik, and Michael Simon. 1999. "Hot Hand: A Critical Analysis of Enduring Rivalries." *Journal of Politics* 61:777-98.

- Huth, Paul, D. Scott Bennett, and Christopher Gelpi. (1992) “System Uncertainty, Risk Propensity, and International Conflict among the Great Powers.” *Journal of Conflict Resolution* 36(3): 478-517.
- Lemke, Douglas, and Suzanne Werner. 1996 “Power Parity, Commitment to Change, and War.” *International Studies Quarterly* 40: 235-260.
- Vasquez, John A. (1996) “Distinguishing Rivals that Go to War from Those That Do Not: A Quantitative Comparative Case Study of the Two Paths to War.” *International Studies Quarterly* 40:531-558.
- Ward, Michael D., and Lewis L. House. 1988. “A Theory of the Behavioral Power of Nations.” *Journal of Conflict Resolution* 32:3-36.

Supplementary

- Bennett, D. Scott. 1996. “Security, Bargaining, and the End of Interstate Rivalry.” *International Studies Quarterly* 40:157-183.
- Bennett, D. Scott. 1998. “Integrating and Testing Models of Rivalry Duration.” *American Journal of Political Science* 42:1200-1232.
- Bueno de Mesquita, Bruce, and David Lalman. 1988. “Empirical Support for Systemic and Dyadic Explanations of International Conflict.” *World Politics* 41:1-20.
- Goertz, Gary, and Paul F. Diehl. 1995. “The Initiation and Termination of Enduring Rivalries: The Impact of Political Shocks.” *American Journal of Political Science* 39:30-52.
- Goertz, Gary, and Paul F. Diehl. 1993. “Enduring Rivalries: Theoretical Constructs and Empirical Patterns.” *International Studies Quarterly* 37:147-71.
- Grieg, J. Michael. 2001, “Moments of Opportunity: Recognizing Conditions of Ripeness for International Mediation Between Enduring Rivals.” *Journal of Conflict Resolution* 45:691-718.
- Huth, Paul, and Bruce Russett. 1993. “General Deterrence Between Enduring Rivals: Testing Three Competing Models.” *American Political Science Review* 87:61-73.
- Kugler, Jacek, and Douglas Lemke. (2000) “The Power Transition Research Program: Assessing Theoretical and Empirical Advances.” In Manus Midlarsky (ed.), *Handbook of War Studies II*. Ann Arbor: University of Michigan Press.
- Lemke, Douglas, and William Reed. 2001. “War and Rivalry among Great Powers.” *American Journal of Political Science* 45:457-69.
- Sartori, Anne. 2003. *Enduring Facts about Enduring Rivals*. Typescript, Princeton University, available at URI: <http://www.princeton.edu/~asartori/Sartori%20enduring%20rivalries%207-09.pdf>.

5. Alliances and military cooperation

Required reading

- Bennett, D. Scott. 1997. “Testing Alternative Models of Alliance Duration, 1816-1984.” *American Journal of Political Science* 41:846-78.

- Conybeare, John A. C., and Todd Sandler (1990) “The Triple Entente and the Triple Alliance 1880-1914: A Collective Goods Approach.” *American Political Science Review* 84:1197-1206.
- Gartzke, Erik, and Kristian Skrede Gleditsch. 2004. “Regime Type and Commitment: Why Democracies are Actually Less Reliable Allies.” *American Journal of Political Science* 48:775-95.
- Morrow, James D. 1991. “Alliances and Asymmetry: An Alternative to the Capability Aggregation Model of Alliances.” *American Journal of Political Science* 35:904-33.
- Sandler, Todd, and Keith Hartley. 1995. *The Economics of Defense*. Cambridge: Cambridge University Press, Chapter 2.
- Sorokin, Gerald L. 1994. “Arms, Alliances, and Security Tradeoffs in Enduring Rivalries.” *International Studies Quarterly* 38:421-46.

Supplementary

- Altfeld, Michael F. 1984. “The Decision to Ally: A Theory and Test.” *Western Political Quarterly* 37:523-44.
- Boyer, Mark. 1989. “Trading Public Goods in the Western Alliance System.” *Journal of Conflict Resolution* 33:700-27.
- Conybeare, John A. C. 1992. “A Portfolio Diversification Model of Alliances: The Triple Alliance and Triple Entente, 1879-1914.” *Journal of Conflict Resolution* 36:53-85.
- Conybeare, John A.C. 1994. “The Portfolio Benefits of Free Riding in Military Alliances.” *International Studies Quarterly* 38:405-19.
- Conybeare, John A. C., James C. Murdoch, and Todd Sandler. 1994. “Alternative Collective-Goods Models of Military Alliances: Theory and Empirics.” *Economic Inquiry* 32:525-42.
- Leeds, Brett Ashley, Andrew J. Long, and Sara McLaughlin Mitchell. 2002a. “Reevaluating Alliance Reliability: Specific Threats, Specific Promises.” *Journal of Conflict Resolution* 44:686-99.
- Leeds, Brett Ashley, Jeff M. Ritter, Sara McLaughlin Mitchell, and Andrew Long. 2002b. “Alliance Treaty Obligations and Provisions, 1815-1944.” *International Interactions* 28:237-60.
- Morrow, James D. 2000. “Alliances: Why Write Them Down?” *Annual Review of Political Science* 3:63-83.
- Olson, Mancur, and Richard Zeckhauser. 1966. “An Economic Theory of Alliances.” *Review of Economics and Statistics* 48:266-79.
- Sandler, Todd. 1999. “Alliance Formation, Alliance Expansion, and the Core.” *Journal of Conflict Resolution* 43:727-47.
- Smith, Ron. 1989. “Models of Military Expenditure.” *Journal of Applied Econometrics* 4:345-59.
- Siverson, Randolph, and Harvey Starr. 1994. “Regime Change and the Restructuring of Alliances.” *American Journal of Political Science* 38:145-61.
- Ward, Michael D. 1982. *Research Gaps in Alliance Dynamics*. Denver, CO: Graduate School of International Studies, University of Denver.

6. Domestic Politics, Conflict, and Cooperation

Required reading

- Bueno de Mesquita, Bruce, and Randolph M. Siverson. 1995. "War and the Survival of Political Leaders: A Comparative Study of Regime Types and Political Accountability." *American Political Science Review* 89:841-55.
- Cederman, Lars-Erik, and Kristian Skrede Gleditsch. 2004. "Conquest and Regime Change: An Evolutionary Model of the Spread of Democracy and Peace." *International Studies Quarterly* 48:603-29.
- Chiozza, Giacomo, and H. E. Goemans. 2004. "International Conflict and the Tenure of Leaders: Is War Still Ex Post Inefficient?" *American Journal of Political Science* 48:604-19.
- Dixon, William J. 1994. "Democracy and the Peaceful Settlement of International Disputes." *American Political Science Review* 88:14-32.
- Hegre, Håvard, Tanja Ellingsen, Scott Gates, and Nils Petter Gleditsch. 2001. "Toward a Democratic Civil Peace? Democracy, Political Change, and Civil War, 1816–1992." *American Political Science Review* 95:33–48.
- Hugh, Simon, and Thomas Christin. 2004. *Federalism and Conflict Resolution: Considering Selection Biases*. Typescript, University of St. Gallen, available at [http://www.ipw.unisg.ch/org/ipw/web.nsf/SysWebRessources/Facr/\\$FILE/FACR.pdf](http://www.ipw.unisg.ch/org/ipw/web.nsf/SysWebRessources/Facr/$FILE/FACR.pdf)
- Mitchell, Sara McLaughlin, and Will H. Moore. 2002. "Presidential Uses of Force During the Cold War: Aggregation, Truncation, and Temporal Dynamics." *American Journal of Political Science* 46:438-452.
- Schultz, Kenneth A. 2001. "Looking for Audience Costs." *Journal of Conflict Resolution* 45:32-60.

Supplementary

- Chan, Steve. 1997. "In Search of Democratic Peace: Problems and Promise." *Mershon International Studies Review* 41:59-92.
- Enterline, Andrew J., and Kristian S. Gleditsch. 2000. "Threats, Opportunity, and Force: Externalization of Domestic Pressure, 1946-82." *International Interactions* 26:1-53.
- Davies, Graeme A. M. 2002. "Domestic Strife and the Initiation of International Conflicts: A Directed Dyad Analysis, 1950-1982." *Journal of Conflict Resolution* 46:672-692.
- Gartzke, Erik. 1998. "Kant We All Just Get Along? Opportunity, Willingness, and the Origins of the Democratic Peace." *American Journal of Political Science* 42:1-27.
- Gelpi, Christopher. 1997. "Democratic Diversions: Governmental Structure and the Externalization of Domestic Conflict." *Journal of Conflict Resolution* 41:255-82.
- Gleditsch, Kristian Skrede. 2002. *All International Politics is Local: The Diffusion of Conflict, Integration, and Democratization*. Ann Arbor, MI: University of Michigan Press.
- James, Patrick, Eric Solberg, and Murray Wolfson. 1999. "An Identified Systemic Model of the Democracy-Peace Nexus." *Defence and Peace Economics* 10: 1-37.

- Lake, David A. 1992. "Powerful Pacifists: Democratic States and War." *American Political Science Review* 86:24-37.
- Levy, Jack S. 1989. "The Diversionary Theory of War: A Critique." In *Handbook of War Studies*, edited by Manus I. Midlarsky, 259-88. Ann Arbor, MI: University of Michigan Press.
- Morgan, T. Clifton, and Kenneth N. Bickers. 1992. "Domestic Discontent and the External Use of Force" *Journal of Conflict Resolution* 36:25-52.
- Russett, Bruce M., and Harvey Starr. 2000. "From Democratic Peace to Kantian Peace: Democracy and Conflict in the International System." In *Handbook of War Studies II*, edited by Manus I. Midlarsky, 93-128. Ann Arbor, MI: University of Michigan Press.
- Rousseau, David L., Christopher Gelpi, Dan Reiter, and Paul K. Huth. 1996. "Assessing the Dyadic Nature of the Democratic Peace, 1918-88." *American Political Science Review* 90: 512-533.
- Schultz, Kenneth A. 1999. "Do Democratic Institutions Constrain or Inform? Contrasting Two Institutional Perspectives on Democracy and War." *International Organization* 52:233-66.
- Smith, Alastair. 1996. "Diversionary Foreign Policy in Democratic Systems." *International Studies Quarterly* 40:133-53.

7. Economic relations, conflict, and cooperation

Required reading

- Dorussen, Han, and Jongryn Mo. 2001. "Ending Economic Sanctions: Audience Costs and Rent-Seeking as Commitment Strategies." *Journal of Conflict Resolution* 45: 395-426.
- Drezner, Daniel W. 2003. "The Hidden Hand of Economic Coercion." *International Organization* 57:643-659.
- Gartzke, Erik, Quan Li, and Charles Boehmer. 2001. "Investing in the Peace: Economic Interdependence and International Conflict." *International Organization* 55:391-438.
- Morrow, James D. 1999. "How Could Trade Affect Conflict?" *Journal of Peace Research* 36:481-9.
- Oneal, John R., and Bruce Russett. 1999. "The Kantian Peace: The Pacific Benefits of Democracy, Interdependence, and International Organizations, 1885-1992." *World Politics* 52:1-37.
- Pollins, Brian M. 1989. "Conflict, Cooperation, and Commerce: The Effect of International Political Interactions on Bilateral Trade Flows." *American Journal of Political Science* 33:737-61.

Supplementary

- Anderton, Charles, and John R. Carter. 2001. "The Impact of War on Trade: An Interrupted Times-series study." *Journal of Peace Research* 38:445-.
- Barbieri, Katherine, and Jack S. Levy. 1999. "Sleeping with the Enemy." *Journal of Peace Research* 36:387-404.

- Barbieri, Katherine. 1996. "Economic Interdependence: A Path to Peace or a Source of Interstate Conflict?" *Journal of Peace Research* 33:29-49.
- Gowa, Joanne. 1994. *Allies, Adversaries, and International Trade*. Princeton, NJ: Princeton University Press.
- Greene, Donald, and Soo Yeon Kim. 2001. "Dirty Pool (with Comments)." *International Organization* 55:441-468.
- Hegre, Håvard. 2000. "Development and the Liberal Peace: What does it Take to be a Trading State?" *Journal of Peace Research* 37:5-30.
- Hufbauer, Gary Clyde, Jeffrey J. Schott, and Kimberly Ann Elliott. 1990. *Economic Sanctions Reconsidered*. Washington, DC: Institute for International Economics.
- Kaempfer, William H., and Anton D. Lowenberg. 1988. "The Theory of International Economic Sanctions: A Public Choice Approach." *American Economic Review* 78:786-93.
- Niou, Emerson, and Dean Lacy. 2004. "A Theory of Economic Sanctions and Issue Linkage." *Journal of Politics* 66:25-42.
- Polachek, Solomon W., Yuan-Ching Chang, and John Robst. 1999. "Liberalism and Interdependence: Extending the Trade and Conflict Model." *Journal of Peace Research* 36:405-22.
- Wagner, R. Harrison. 1988. "Economic Interdependence, Bargaining Power, and Political Influence." *International Organization* 42:461-83.

8. Intervention and expansion

Required reading

- Altfeld, Michael F, and Bruce Bueno de Mesquita. 1979. "Choosing Sides in Wars." *International Studies Quarterly* 23:87-112.
- Gartzke, Erik A., and Kristian S. Gleditsch. 2001. Balancing, Bandwagoning, Bargaining And War: Signaling and Selection Among Third-Party Joiners. Paper Presented at 42nd Annual Convention of the International Studies Association, Chicago, IL, 20-24 February.
- Diehl, Paul F., Jennifer Reifschneider, and Paul R. Hensel. 1996. "United Nations Intervention and Recurring Conflict." *International Organization* 50:683700.
- Regan, Patrick M. 1996. "Conditions of Successful Third Party Intervention in Intra-state Conflicts." *Journal of Conflict Resolution* 40:336-59.
- Siverson, Randolph, and Harvey Starr. 1990. "Opportunity, Willingness, and the Diffusion of War 1816-1965." *American Political Science Review* 84:47-67 (alternatively the book length version, Siverson, Randolph M., and Harvey Starr. 1991. *The Diffusion of War: A Study in Opportunity and Willingness*. Ann Arbor, MI: University of Michigan Press.)
- Ward, Michael D. & Kristian S. Gleditsch. "Location, Location, Location: An MCMC Approach to Modeling the Spatial Context of War and Peace," *Political Analysis* 10:244-60.
- Werner, Suzanne, and Douglas W. Lemke. 1997. "Opposites Do Not Attract: The Impact of Domestic Institutions, Power, and Prior Commitments on Alignment Choices." *International Studies Quarterly* 41:529-47.

Supplementary

- Huth, Paul. 1998. "Major Power Intervention in International Crises." *Journal of Conflict Resolution* 42:744-70.
- Kirby, Andrew M., and Michael D. Ward. 1987. "The Spatial Analysis of Peace and War." *Comparative Political Studies* 20:293-313.
- Regan, Patrick M. 1999. "Substituting Policies during U.S. Interventions in Internal Conflicts: A Little of This, a Little of That." *Journal of Conflict Resolution* 44:90-106.
- Regan, Patrick M. 2000. *Civil Wars and Foreign Powers: Interventions and Intrastate Conflict*. Ann Arbor, MI: University of Michigan Press.
- Ward, Michael D. 1991. "Special issue on 'The New Geopolitics.'" *International Interactions* 17:1-112.
- Yamamoto, Yoshinobo, and Stuart A. Bremer. 1980. "Wider Wars and Restless Nights: Major Power Intervention in Ongoing War." In *The Correlates of War II: Testing Some Realpolitik Models*, edited by J. David Singer, New York: Free Press.

9. Methodological innovations, data developments, and theoretical advances

Required reading

- Beck, Nathaniel, Gary King, and Langche Zeng. 2000. "Improving Quantitative Studies of International Conflict: A Conjecture." *American Political Science Review* 94:21-36.
- Goenner, Cullen F. 2004. "Uncertainty of the Liberal Peace." *Journal of Peace Research* 41:589-605.
- Schultz, Kenneth, and Jeffrey B. Lewis. 2003. "Revealing Preferences: Empirical Estimation of a Crisis Bargaining Game with Incomplete Information." *Political Analysis* 11:345-67.
- Signorino, Curtis. 1999. "Strategic Interaction and the Statistical Analysis of International Conflict." *American Political Science Review* 93:279--98.
- Smith, Alastair. 1996. "To Intervene or not to Intervene: A Biased Decision." *Journal of Conflict Resolution* 40:16-40.
- Smith, Ron P. 1998. "Quantitative Methods in Peace Research." *Journal of Peace Research* 35:419-27.

Supplementary

- Morton, Rebecca. 1999. *Methods and Models: A Guide to Empirical Analysis of Formal Models*. Cambridge, New York: Cambridge University Press.

10. Student presentations and summing up

A second session may be scheduled for student presentations