

GARY GOERTZ

Kroc Institute for International Peace Studies
University of Notre Dame
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Professional Experience

2012–	Professor, University of Notre Dame
2003–2012	Professor, University of Arizona
2000–2002	Associate Professor, University of Arizona
1999–2000	Assistant Professor, University of Arizona
1996–98	Senior Researcher, University of Geneva, Switzerland
1994–96	Visiting Assistant Professor, University of Toronto
1990–94	Assistant Professor, University of Florida
1988–90	Maître Assistant, Centre for International Economic History, University Of Geneva, Switzerland
1986–88	Statistical Consultant, Statistical Research Laboratory, University of Michigan

Education

1988	Ph.D. Political Science, University of Michigan
1984	Economics, Graduate Institute for International Relations, Geneva, Switzerland
1982	M.S., Mathematical Statistics, University of Iowa
1977	French And African Studies, Institute for the Formation of Cadres for Development, Brussels, Belgium
1976	B.A., Mathematics and Peace Studies, Bethel College

Grants & Honors

2018	US Institute of Peace Grant
2010 Fall	Invited Professor, University of Geneva, Switzerland
2009	Magellan Circle Earl H. Carroll Fellow, University of Arizona
2008	Honorable Mention for the Giovanni Sartori Book Award for <i>Explaining War and Peace: Case Studies and Necessary Condition Counterfactuals</i>
2007 Fall	Invited Professor, Swiss Federal Institute of Technology (ETH), Zürich
2007	Giovanni Sartori Book Award for <i>Social Science Concepts</i>
2006	Alexander L. George Article Award for Mahoney and Goertz APSR 2004
2004 Spring	Invited Professor, University of Konstanz, Germany
2003–04	National Science Foundation Grant
2001–03	National Science Foundation Grant
2001	International Studies Association Workshop Grant
1996–98	Research Fellow, University of Geneva, Switzerland
1993–95	National Science Foundation Grant
1990 (Spring)	Visiting Senior Fellow, University of Kent, Canterbury, England
1989	US Institute of Peace Grant

Books, Special Journal Issues, and Monographs

Social Science Concepts and Measurement: new and completely revised edition, 2020, Princeton: Princeton University Press.

Multimethod Research, Causal Mechanisms, and Case Studies: An Integrated Approach, 2017, Princeton: Princeton University Press. Chinese translation forthcoming.

The Puzzle of Peace: The Evolution of Peace in the International System (with Paul Diehl and Alex Balas), 2016, Oxford: Oxford University Press. Finalist for the APSA's 2017 Woodrow Wilson Foundation Award for the best book on government, politics, or international affairs. Winner of the J. David Singer Book Award, International Studies Association-Midwest.

A Tale of Two Cultures: Qualitative and Quantitative Research in the Social Sciences (with Jim Mahoney), 2012, Princeton: Princeton University Press. Japanese Translation, 2015 (2018 in third printing), Chinese Translation, 2016.

Politics, Gender, and Concepts: Theory and Methodology, (co-edited with Amy Mazur), 2008 Cambridge: Cambridge University Press.

Explaining War and Peace: Case Studies and Necessary Condition Counterfactuals, (co-edited with Jack Levy), 2007 New York: Routledge. Honorable Mention for the 2008 Giovanni Sartori Book Prize of the Qualitative Methods Section of APSA.

'Causal Complexity and Qualitative Methods' guest editor of special issue of *Political Analysis*, 2006 14(3).

Social Science Concepts: A User's Guide, 2006, Princeton: Princeton University Press. Chinese translation 2016. Winner of the 2007 Giovanni Sartori Book Prize of the Qualitative Methods Section of APSA.

International Norms, Punctuated Equilibrium, and Decision-Making, 2003, New York: Rowman & Littlefield.

'Conceptualizing and Measuring Conflict Management Success,' (co-edited with Paul Diehl and Frank Harvey), special issue of *International Negotiation*, 2002 7(3).

Necessary Conditions: Theory, Methodology, and Applications (co-edited with Harvey Starr), 2003, New York: Rowman & Littlefield.

War and Peace in International Rivalry, (with Paul Diehl), 2000, Ann Arbor: University of Michigan Press.

'Conflict Management and Termination in International Rivalries' editor of special issue of *International Interactions*, 1997 22(4).

Contexts of International Politics, 1995, Cambridge: Cambridge University Press.

Territorial Changes and International Conflict, (with Paul Diehl), 1992, issued as an eBook 2002, London: Routledge.

The Chemical Industry Around 1910: A Comparative Analysis by Country and by Branch, Center for International Economic History Monograph Series #3, 1990, 130 pages.

Articles and Book Chapters

'Managing International - Civil Militarized Conflicts (I-CMC): empirical patterns' (with Paul Diehl and Andy Owsiak) *Civil Wars* 2021. <https://doi.org/10.1080/13698249.2021.1921501>

'Necessary Condition Analysis (NCA) does exactly what it should do when applied properly: a reply to a comment on NCA.' (with Jan Dul and Barbara Vis) *Sociological Methods and Research* 2021 50 (2) 926–36.

'The peace puzzle: understanding transitions to peace' (with Paul Diehl and Andy Owsiak) in Mitchell, S. and Vasquez, J. (eds.) *What do we know about war? 3rd edition*, 2021, Rowman and Littlefield.

'Generalization, case studies, and within-case causal inference: Large-N Qualitative Analysis (LNQA)' (with Stephan Haggard) in *The Oxford handbook on the philosophy of political science*, 2021, Oxford University Press.

"Veil of ignorance Process Tracing: a symposium" (with James Copestake and Stephan Haggard) *Qualitative and Multi-Method Research* 2020 18 (2) 19–54.

'Settling resistant disputes: the territorial boundary peace in Latin America' (with Luis Schenoni, Paul Diehl and Andy Owsiak) *International Studies Quarterly*, 2020 64(1) 57–70.

'Peace: the elusive dependent variable and policy goal' *Perspectives on Politics* 2020 18(1) 200–204.

'Peace data: concept, measurement, patterns, and research agenda' (with Paul Diehl and Yahve Gallegos) *Conflict Management and Peace Science* 2019 published online.

'Symposium on Multimethod research, causal mechanisms, and case studies: an integrated approach' *European Political Science* 2019 18 (1) 157–69.

'What's so peaceful about Asian peace?' (with Blake Hoffman, Paul F Diehl, Andrew Owsiak, and Yahve Gallegos) *Asian International Studies Review* 2018 19(1) 49–73.

'Theories of interstate peace.' (with Paul Diehl) in the *Oxford Research Encyclopedia of Politics*, 2017, Oxford University Press.

'Border settlement and the movement to negative peace' (with Andy Owsiak and Paul Diehl) *Conflict Management and Peace Science*, 2017 43(2) 176–93.

'Multimethod research' *Security Studies*, 2016 25(1) 3–24.

'Mistrust and Hegemony: Regional institutional design, the FSU-CIS, and Russia' (with John Willerton and Michael Slobodchikoff), *International Area Studies Review*, 2015 8(1) 26–52.

'Causal complexity and counterfactuals' (with Charles Ragin and Jim Mahoney) in Stephen Morgan (ed.) *The handbook on causal analysis for social research*, 2013, Springer.

'Ceilings and floors: where are there no observations?' (with Tony Hak and Jan Dul) *Sociological Methods and Research*, 2013 41(1) 3–40.

'Methodological Rorschach Tests: Contrasting Interpretations in Qualitative and Quantitative Research.' (with Jim Mahoney) *Comparative Political Studies*, 2012 46(2) 236–51.

'For Methodological Pluralism: A Reply to Brady and Elman.' (with Jim Mahoney) *Comparative Political Studies*, 2012 46(2) 278–85.

'Treaty Networks, Nesting, and Interstate Cooperation: Russia, the FSU, and the CIS' (with John Willerton and Michael Slobodchikoff) *International Area Studies Review*, 2012 15(1) 59–82.

'Concepts and measurement: ontology and epistemology' (with Jim Mahoney) *Social Science Information*, 2012 51(2) 205–16.

'The Rivalry Process: How Rivalries Are Sustained and Terminate' (with Paul Diehl) in J. Vasquez (ed.) *What do we know about war*, 2nd edition, 2012, Rowman and Littlefield.

'Descriptive–Causal Generalizations: "Empirical Laws" in the Social Sciences?' in Harold Kincaid (ed.) *Oxford Handbook of the Philosophy of Social Science*, 2012, Oxford University Press.

'The Political Construction of Regions: Conceptualization and Operationalization' (with Kathy Powers) *Review of International Studies* (UK) 2011 37(5) 2387–2415.

'Necessary Condition Hypotheses in Operations Management' (with Jan Dul, Tony Hak, and Chris Voss) *International Journal of Operations & Product Management* 2010 30(11) 1170–90.

'Scope in case study research' (with James Mahoney) in C. Ragin and D. Bearce (eds.) *Handbook of case-oriented research*, 2009, Sage Publications.

'Concept intension and extension' in D. Collier and J. Gerring (eds.) *Concepts and Methods in the Social Sciences: The Tradition of Giovanni Sartori*, 2009, Routledge.

'Mapping gender and politics concepts: ten guidelines' (with Amy Mazur) in G. Goertz and A. Mazur (eds.) *Politics, Gender, and Concepts: Theory and Methodology*, 2008, Cambridge University Press.

'The Peace Scale: Conceptualizing and Operationalizing Non-Rivalry and Peace' (with Jim Klein and Paul Diehl) *Conflict Management and Peace Science* 2008 25(1) 67–80.

'A checklist for constructing, evaluating, and using concepts or quantitative measures' in J. Box-Steffensmeier, H. Brady, and D. Collier (eds.) *The Oxford handbook of political methodology*, 2008, Oxford University Press.

'Assessing the Trivialness, Relevance, And Relative Importance of Necessary or Sufficient Conditions in Social Science' *Studies in Comparative International Development* 2006 41(2) 88–109.

'A tale of two cultures: contrasting quantitative and qualitative research' (with Jim Mahoney) *Political Analysis* 2006 14(3) 227–49. Announced at 2009 APSA that this was the second most downloaded of all articles in *Political Analysis*, about 2,500 downloads. Translated into Hungarian 2016. Reprinted in *Qualitative research in political science*, 2016, edited by Joachim Blatter and Markus Haverland, Sage Publications.

'The New Rivalry Data Set: Procedures and Patterns' (with Jim Klein and Paul Diehl) *Journal of Peace Research* 2006, 43(3) 331–48.

'Theoretical specifications of enduring rivalries: applications to the India-Pakistan case' (with Paul Diehl and Daniel Saeedi) in T.V. Paul (ed.) *Understanding the India-Pakistan enduring conflict*, 2005, Cambridge University Press.

'Conceptualizing interstate conflict: how do concept-building strategies relate to selection effects?' (with Joe Hewitt) *International Interactions* 2005 31:163–82.

- 'Maintenance processes in international rivalries' (with Paul Diehl and Brad Jones) *Journal of Conflict Resolution* 2005, 49(5) 742–69.
- 'Two-level theories and fuzzy-set analysis' (with James Mahoney) *Sociological Methods and Research* 2005, 33(4) 497–538.
- 'The Possibility Principle: choosing negative cases in comparative research' (with James Mahoney) *American Political Science Review* 2004, 98(4) 653–69. Winner of the 2005 Alexander L. George Article Award of the APSA Qualitative Methods Section. Reprinted in *Qualitative research in political science*, 2016, edited by Joachim Blatter and Markus Haverland, Sage Publications.
- 'Constraints, compromises, and decision making' *Journal of Conflict Resolution* 2004, 48(1) 14–38.
- 'Patterns of negotiation in non-war disputes' (with Derrick Frazier) *International Negotiation* 2002, 7(3) 339–61.
- 'Treaties and conflict management in enduring rivalries' (with Paul Diehl), *International Negotiation* 2002, 7(3) 379–98.
- 'Structure de la population active du monde en 1937' (The structure of the labor force in the world in 1937) (with Laurence Leitenberg) *Economies et sociétés* (France), 2002, 29(1) 75–113.
- 'Necessary condition logics, research design, and theory' (with Harvey Starr) in Goertz, G. and Harvey Starr (eds.) *Necessary conditions: theory, methodology, and applications*, 2003, Rowman & Littlefield.
- 'Cause, correlation, and necessary conditions' in Goertz, G. and Harvey Starr (eds.) *Necessary conditions: theory, methodology, and applications*, 2003, Rowman & Littlefield.
- 'The substantive importance of necessary condition hypotheses' in Goertz, G. and Harvey Starr (eds.) *Necessary conditions: theory, methodology, and applications*, 2003, Rowman & Littlefield.
- 'Watching your posterior: Comment on Seawright' (with Bear Braumoeller) *Political Analysis* 2002, 20(2) 198–203.
- 'The democratic peace and rivalries' (with Paul Hensel and Paul Diehl) *Journal of Politics*, 2000, 62(4) 1173–88.
- 'The Methodology of Necessary Conditions' (with Bear Braumoeller) *American Journal of Political Science* 2000, 44(4) 844–58. Reprinted in Goertz, G. and Harvey Starr (eds.) *Necessary conditions: theory, methodology, and applications*, New York: Rowman & Littlefield.
- 'Rivalries: recurring conflict and war' (with Paul Diehl) in Vasquez, J. (ed.) *What we know about war*, 2000, Rowman & Littlefield.
- '(Enduring) rivalries' (with Paul Diehl) in Midlarsky, M. (ed.) *The handbook of war studies*, revised edition, 2000, University of Michigan Press.
- 'Les positions industrielles de l'europe à la veille de la seconde guerre mondiale' [The Industrial position of Europe on the eve of World War II] (with Thomas David) *Revue économique* (France), 2000, 51(2) 213–27.
- 'Territorial changes, 1816–1996: procedures and data' (with Jaroslav Tir, Philip Schaefer, and Paul Diehl) *Conflict Management and Peace Science*, 1998, 16(1) 89–97.

'The volcano hypothesis and other patterns in the evolution of enduring rivalries' (with Paul Diehl) in Diehl, P. (ed.) *The Dynamics of Enduring Rivalries*, 1998, University of Illinois Press.

'The management and termination of intractable international conflicts: conceptual and empirical issues' (with Jacob Bercovitch and Paul Diehl) *Millenium*, 1997, 26(3) 751-70.

'Conflict management in enduring rivalries' (with Pat Regan) *International Interactions*, 1997, 22(4) 321-40.

'Connecting risky dyads: an evaluation of the relations between enduring rivalries' (with Paul Diehl) in Schneider, G. and Weitzman, P. (eds.) *Enforcing Cooperation: Risky States and the Inter-governmental Management of Conflict*, 1997, Macmillan.

'Taking "enduring" out of enduring rivalry: the rivalry approach to war and peace (with Paul Diehl) *International Interactions*, 1995 21(4) 291-308.

'The initiation and termination of enduring rivalries: the impact of political shocks' (with Paul Diehl) *American Journal of Political Science*, 1995 39(1) 30-52.

'International norms and power politics' (with Paul Diehl) in Wayman, F. and Diehl, P. (eds.) *Reconstructing realpolitik*, 1994, University of Michigan Press.

'Enduring rivalries: theoretical constructs and empirical patterns' (with Paul Diehl) *International Studies Quarterly*, 1993 37(2) 147-72.

'Contagion or intervention: two views on "wider wars" ' *Global Society*, 1992 6(2) 90-105.

'The empirical importance of enduring rivalries' (with Paul Diehl) *International Interactions*, 1992 18(2) 151-63.

'Toward a theory of international norms: some conceptual and measurement issues' (with Paul Diehl) *Journal of Conflict Resolution*, 1992 36(4) 634-64. Reprinted in Simmons, B. (ed.) 2008 *International law*, Sage Publications.

'Contextual theories and indicators in world politics' *International Interactions*, 1992 17(4) 285-303.

'Interstate conflict over territory' (with Paul Diehl) *Political Geography*, 1991 10(4) 342-55.

'Territorial change and future international conflict' (with Paul Diehl) *Relazioni Internazionali* (Milan, Italy), 1991 45(March) 22-33.

'Entering international society: military conflict and national independence, 1816-1980' (with Paul Diehl) *Comparative Political Studies*, 1991 23(4) 497-513.

'A note on the impact of large cities on surrounding cities, Europe 1500-1800' (with Paul Bairoch) *Proceedings of the International Economic History Association Meetings*, Louvain, Belgium 1990.

'Territory and recurring conflict' (with Paul Diehl) in Gochman, C. and Sabrosky, A. (eds.) *Prisoners of War? Nation-States in the Modern Era*, 1990, Lexington Books.

'A territorial history of the international system' (with Paul Diehl) *International Interactions*, 1989 15(1) 81-93.

'Territorial changes and military conflict' (with Paul Diehl) *Journal of Conflict Resolution*, 1988 32(1) 103–122.

'Urbanization in 19th century developed countries' (with Paul Bairoch) *Urban Studies*, 1986 23(4) 285–305. Reprinted in *Urban studies – economy* 2009, Ronan Paddison (ed.), Sage Publications.

'Measuring military allocations: a comparison of different approaches' (with Paul Diehl) *Journal of Conflict Resolution*, 1986 30(3) 553–581. Reprinted in Singer, J. David and Paul Diehl (eds.) *Measuring the correlates of war*, 1991, University of Michigan Press.

'Trends in military allocation since 1816: what goes up does not always come down' (with Paul Diehl) *Armed Forces and Society*, 1985 12(1) 134–44.

'Capabilities, allocations and success in militarized disputes and wars' (with Frank Wayman and J. David Singer) *International Studies Quarterly*, 1984 27(4) 497–515. Reprinted in Singer, J. David *Models, methods, and progress in world politics: a peace research odyssey*, 1990, Westview Press. Reprinted in Vasquez, J. (ed.) *The classics of international relations*, 3rd edition, 1996, Prentice Hall.

Languages

French—completely fluent
Spanish—reading fluency
German—reading fluency
Italian—reading fluency
Japanese—elementary

Miscellaneous Publications

'The Third Wave of Qualitative Methodology' (with James Mahoney) *Qualitative Methods: Newsletter of the American Political Science Association Organized Section on Qualitative Methods* 2013 11(1) 15–18.

'Fast-Moving and Slowing-Moving Factors: Taking Apart Time-Series Cross-Sectional Analysis' *Qualitative Methods: Newsletter of the American Political Science Association Organized Section on Qualitative Methods* 2011 9(2) 28–32.

'A Tale of Two Cultures: Causal Mechanisms and Process Tracing' (with Jim Mahoney) *Qualitative Methods: Newsletter of the American Political Science Association Organized Section on Qualitative Methods* 2010 8(2) 24–29.

'Two Cultures: Hume's Two Definitions of Cause.' (with Jim Mahoney) *Qualitative Methods: Newsletter of the American Political Science Association Organized Section on Qualitative Methods* 2010 8(1) 24–27.

'Two Cultures: Concepts, Semantics, and Variable Transformations.' *Qualitative Methods: Newsletter of the American Political Science Association Organized Section on Qualitative Methods* 2009 7(2) 22–26.

'Choosing Cases for Case Studies: A Qualitative Logic.' *Qualitative Methods: Newsletter of the American Political Science Association Organized Section on Qualitative Methods* 2008 6(2) 11–14.

'Necessary condition hypotheses as deterministic or probabilistic: does it matter?' *Qualitative Methods: Newsletter of the American Political Science Association Organized Section on Qualitative Methods* 2005 3(1) 23–32 (with responses by Waldner and Sekhon).

'Les aspects politiques du développement économique' (Political Aspects of Economic Development) in *Encyclopédie Economique* 1990, pp. 166–69, Paris: Economica.

'Territorial Changes, 1815–1980' (with Paul Diehl) in the *DDIR Newsletter*, Fall 1990.

'Territorial Changes and Future International Conflict' (with Paul Diehl) in the *ACDIS Occasional Papers* 1991, Urbana: Program in Arms Control, Disarmament and International Security.

Book Review of "The Diffusion of War: A Study of Opportunity and Willingness" by Randolph Siverson and Harvey Starr in *Journal of Politics* 1992 54(3) 938–40.

Editorial Boards

International Interactions 2008–

Political Research Quarterly 2007–

Methods Workshops and Training

Institute for Qualitative Methods and Research, Syracuse University – I have taught for 2–3 days at this summer school every year since it was founded in the 2001.

Qualitative methods workshop, University of Lisbon, Portugal, April 10, 2019.

University of Milan, Italy, Summer School in Social Sciences, 29 June 2018

Berlin Summer School in the Social Sciences (Humbolt University), methodology workshop, Berlin, Germany, July 16–19, 2017, including the keynote address.

“Methods Workshop On Concept Building And Consistency,” hosted At The Giga German Institute Of Global And Area Studies 13–16 March 2017, Hamburg, Germany.

“Five Bad Practices in Concept Construction and Measurement” Indiana University, 20 Oct. 2014.

“Two cultures: two cultures: contrasting quantitative and qualitative research” Göttingen University, Germany, July 24, 2014.

Berlin Summer School in the Social Sciences (Humbolt University), workshop, Berlin, Germany, July 21–25, 2014.

“Multimethod research,” one-day workshop WZB (Social Science Research Center) Berlin, Germany, July 16, 2014.

Southern Cone Summer School in Methodology, Pontificia Universidad Católica de Chile, 7–8, January, 2014.

Berlin Summer School in the Social Sciences (Humbolt University), workshop, 2013 Berlin, Germany, July 16–19.

Methods workshop, Frankfurt University, Germany, July 22, 2013.

Southern Cone Summer School in Methodology, Pontificia Universidad Católica de Chile, 9–11 January, 2013.

Berlin Summer School in the Social Sciences (Humbolt University), workshop, July 11–13, 2011 Berlin, Germany.

“Concepts, two-level theories, and methodology,” Two-day workshop conducted at the University of Kansas, March 2009.

Methodological Frontiers in Comparative Politics Workshop at Leuven University Belgium, March 26–28, 2008.

Workshop on Qualitative Methods, University of Bern, Switzerland 2007.

Invited Colloquia and Workshops

“Large-N Qualitative Analysis (LNQA)” Keynote for the 2021 Uruguayan Congress of Political Science, August 6, 2021.

“The Veil of Ignorance process tracing methodology” Invited colloquium University of Arizona, Dec 18, 2019.

Keynote Address at the “Conference: Causal Mechanisms in the Analysis of Social Policy Dynamics” University of Bremen, Cologne Center for Comparative Politics, November 7–8, 2019.

“Guidelines for Constructing and Evaluating Complex Concepts” University of Geneva, June 4, 2019.

Keynote Address at the “2nd International QCA Summer Workshops” Antwerp Management School, May 22, 2019.

‘Conceptualizing and measuring peace’ Invited colloquium International Politics Group University of Bath, March 6, 2019.

"Guidelines for Constructing and Evaluating Complex Concepts" Invited SPS colloquium, University of Bath, 10 April, 2019.

Keynote Address at the "Fifth Annual Qualitative Research Symposium" University of Bath, Jan 30, 2019.

"Guidelines for Constructing and Evaluating Complex Concepts" Invited colloquium Warwick University, 25 Jan. 2019.

"Guidelines for Constructing and Evaluating Complex Concepts" Invited colloquium Oxford University, 25 Jan. 2019.

"The story behind the numbers: 'making', analysing & using qualitative evidence" Invited colloquium Mokoro, Jan. 11, 2019 Oxford, UK.

Keynote Address at the "Workshop: Mixed Methods and Multimethod Research for Causal Analysis" University of Cologne, Cologne Center for Comparative Politics, July 6–7, 2018.

"Three schools of conceptualization and measurement: philosophy, latent variable, and economics" Invited colloquium University of Texas-Austin, 8 Nov 2018.

"Three schools of conceptualization and measurement: philosophy, latent variable, and economics" Paper at the Democratization Theory Research Cluster Workshop, University of Notre Dame, 2 November 2018.

"Multimethod research, causal mechanisms, and case studies: an integrated approach" Invited colloquium University of San Diego, 14 May 2018.

"Multimethod research, causal mechanisms, and case studies: an integrated approach" Invited colloquium University of Florida, 17 March 2017.

"Multimethod research, causal mechanisms, and case studies: an integrated approach" Invited colloquium Princeton University, 29 March 2017.

"The Puzzle of Peace: The Evolution of Peace in the International System" Invited colloquium University of Bern, Switzerland, 9 December 2016.

"Causal mechanisms and necessary conditions," Keynote address at the 4th International QCA Expert Workshop, ETH, Zurich, Switzerland, 7 Dec. 2016

"Multimethod Research, Causal Mechanisms, and Case Studies" Keynote address at the Southwest Multimethod Research Workshop, Tucson, AZ, 29 October 2016.

"Constraint mechanisms and necessary conditions: explaining nonoccurrence and failure" invited colloquium University of Michigan, Social Movement Workshop, March 9, 2016.

"Bordering on Peace Border Settlement and Interstate Cooperation" (with Gina Riccardella) invited colloquium Michigan Conflict Workshop, University of Michigan, February 10, 2016.

"The Puzzle of Peace: Explaining the Rise of Peace in the International System" invited colloquium at ETH, Zurich, Switzerland, 7 December 2015.

"Bordering on Peace: Border Settlement and Interstate Cooperation" (with Gina Riccardella) Invited paper for the International Authority Workshop, WZB, Berlin Social Science Center, 10–11 December 2015.

"The evolution of international peace," Colloquium, Northwestern University, 17 April 2014.

"Regional governance: the evolution of a new institutional form" Colloquium for the "Ostrom Workshop" (founded by Elinor Ostrom, Nobel Prize in Economics), Indiana University, 20 Oct. 2014.

Book workshop for "The peace puzzle" (OUP) at the Peace Science Society Meetings, University of Pennsylvania, Oct. 9, 2014.

"Charting and explaining the evolution of peace in the international system" Göttingen University, Germany, July 23, 2014.

- "Regional governance: the evolution of a new institutional form" 4th Regional Colloquium on Globalization of Law, International Organizations, and International Law American Bar Foundation, Chicago Illinois, May 16–17, 2014.
- "Making and Justifying Territorial Claims" (with Paul Diehl) Workshop, Princeton University Territory and Conflict Workshop, May 16–17 2014.
- "Mediation and the increasing peacefulness of the international system: exploring some connections" (with Paul Diehl) Workshop, Princeton University Mediation Workshop, May 8–9 2014.
- "Charting and explaining the evolution of peace in the international system" Evolutionary Approaches to Peace Science Workshop, University of Tennessee, 24 Oct. 2013.
- "Multimethod research: combining within case and cross-case causal inference" Invited paper for workshop "History, Method, and the Future of Security Studies" Pre-APSA Workshop, Wednesday, August 28, 2013.
- "The evolution of international peace" Colloquium at the Peace Research Institute, Frankfurt, 22 July, 2013.
- "Mapping international peace: the evolution of peace since 1945" (with Diehl, P.) Invited colloquium at Michigan State University Sept 2012.
- "Regional governance: the evolution of a new institutional form" (with Kathy Powers) presented at the International Organizations Database Workshop, Social Science Research Center Berlin (WZB), 24–25 February 2012.
- 'Descriptive–Causal Generalizations: "Empirical Laws" in the Social Sciences?' Invited talk University of Notre Dame, September 2011.
- "Conceptualizing democracy" Invited colloquium Cenral European University, Budapest, Hungary, November 2010.
- "Descriptive–causal generalizations: 'empirical laws' in the social sciences?" Invited colloquium Graduate Institute of International Relations and Development, Geneva, Switzerland, November 2010.
- 'A tale of two cultures: contrasting qualitative and quantitative research' invited colloquium Graduate School of Business and Management, University of Geneva, November 2010.
- "Descriptive–causal generalizations: 'empirical laws' in the social sciences?" Invited colloquium University of Konstanz, Germany, November 2010.
- "Descriptive–causal generalizations: 'empirical laws' in the social sciences?" Invited colloquium Swiss Federal Institute of Technology, Switzerland, November 2010.
- "Descriptive–causal generalizations: 'empirical laws' in the social sciences?" Invited colloquium University of Geneva, Switzerland, November 2010.
- "The Rivalry Process: How Rivalries Are Sustained and Terminate" (with Paul Diehl) for workshop "What do we know about war?" University of Illinois, October, 2010.
- 'Descriptive–causal generalizations: concept and methodological implications' paper given at the workshop "Comparer en sciences sociales aujourd'hui: bilans, défis, méthodes" Université de Montréal 8–10 January 2009.
- 'Two-Level theories, or, What Skocpol, Kingdon, Nussbaum And Ostrom Have in Common' Program in Statistics and Methodology (PRISM) and the Comparative Politics Research Workshop (CPRW) Invited colloquium at Ohio State University, 2 May 2008.
- 'Ceilings and floors: where are there no observations?' Invited colloquium at the Institute for International, Comparative and Area Studies, UC-San Diego, 3 December 2008.
- 'The methodology of concepts' Methodological Frontiers in Comparative Politics Workshop at Duke University April 11–12, 2008.

- 'Necessary conditions and case studies' keynote address at workshop on case study methodology, Department of Management of Technology and Innovation, Erasmus University Rotterdam, Netherlands 2007.
- 'A tale of two cultures: contrasting qualitative and quantitative research' invited colloquium Swiss Federal Institute of Technology (ETH), Zurich, Switzerland 2007
- 'Two-level theory: what Skocpol, Ostrom, Kingdon, and Nussbaum have in common' invited colloquium at the University of Lausanne, Switzerland 2007.
- 'A tale of two cultures: contrasting qualitative and quantitative research' invited keynote at the French Political Science Meetings 2007.
- 'A tale of two cultures: contrasting qualitative and quantitative research' invited colloquium at the Washington State University, March 2007.
- 'The evolution of Regional Economic Institutions (REI) into security institutions or The demise of traditional military alliances?' invited colloquium at Duke University, November 2006.
- 'A tale of two cultures: contrasting qualitative and quantitative research' invited colloquium at the Duke University, November 2006.
- 'The evolution of Regional Economic Institutions (REI) into security institutions or The demise of traditional military alliances?' invited colloquium at the University of Chicago, October 2006.
- 'Complex Security Institutions: Nested Bilateralism in the Commonwealth of Independent States' (with John P. Willerton, Tatiana V. Vashchilko, Kathy L. Powers, Mikhail Beznosov) invited paper for the Shambaugh/ITRAG Workshop, Building Synergies: Institutions and Cooperation in World Politics, University of Iowa, October, 2006.
- 'The evolution of Regional Economic Institutions (REI) into security institutions or The demise of traditional military alliances?' invited paper for the Institutionalization of International Norms Workshop, Northwestern University, October 2006.
- 'Two-Level theories, or, What Skocpol, Kingdon, Nussbaum And Ostrom Have in Common' Invited colloquium at the University of Southern California 2005.
- 'Two-level theories in comparative politics, policy, and political philosophy' Invited colloquium at the University of Zurich, Switzerland, 2004.
- 'Two-level theories in comparative politics, policy, and political philosophy' Invited colloquium at the University of Konstanz, Germany, 2004.
- 'Rivalry maintenance processes: realism, stalemate, and the outcomes of militarized disputes' Invited colloquium at Yale University, 2003.
- 'India-Pakistan as an Enduring Rivalry' Invited colloquium at McGill University, 2003.
- 'Two-Level theories, or, What Skocpol, Kingdon, Nussbaum And Starr Have in Common' Invited colloquium at Rutgers University, 2003.
- 'Two-Level theories and Fuzzy Logic' Invited colloquium at Columbia University, 2003.
- 'Necessary Condition Theories, or, What Kingdon, Skocpol And Starr Have in Common' and 'Punctuated equilibrium and stalemate in international rivalries'. Invited colloquia at Vanderbilt University, 2002.
- 'Necessary Condition Methodology' and 'Stalemate, Punctuated Equilibrium, and International Rivalries'. Invited colloquia at Texas A&M University, 2001.
- 'Enduring Rivals and the Democratic Peace', Invited colloquium at the Peace Research Institute, Oslo, Norway, Nov. 1998.
- 'Recombining Social Constructivism and Functionalism: A Theory of Regime Creation', Invited colloquium at Konstanz University, Germany, March 1998.
- 'Recombining Social Constructivism and Functionalism: A Theory of Regime Creation', Invited colloquium at Tübingen University, Germany, March 1998.

'Enduring Rivalries: A New Approach to International Conflict', Invited colloquium at the Graduate Institute for International Relations, Geneva, Switzerland, Sept 1997.

Conference Papers

- "Managing the Dual Faces of International–Civil Militarized Conflict (I-CMC): The Interstate Dimension" paper presented at the Annual Meeting of the International Studies Association Meetings, 2021.
- "Large-N Qualitative Analysis (LNQA): Generalization, within-case causal inference, and complex configurations" (with Stephan Haggard) paper presented at the QCA Expert Workshop, Zürich, Switzerland 2020.
- "Nonviolence, electoral violence, and democracy: rethinking the role of violence in concepts and measures of democracy" (with Kimberly Peh) paper presented at the Annual Meeting of the Peace Science Society (International), 2020.
- "Managing the Dual Faces of Internationalized Civil Conflict: The Interstate Dimension" (with Paul Diehl and Andrew Owsiak) paper presented at the Annual Meeting of the International Studies Association Meetings, 2020.
- "Large N Qualitative Testing" (with Stephan Haggard) paper presented at the workshop: Philosophy and Methodology of Political Science, Washington State University, Sept 27, 2019.
- "Conceptualizing and measuring poverty and wealth: concept asymmetry and nonlinear semantics" paper presented at the Development in Dialogue conference, University of Notre Dame, 2019.
- "Unstable Ground: Territorial Issues and Interstate Relationships Reconsidered" (with Paul Diehl, Andy Owsiak and Josh Jackson) paper presented at the Annual Meeting of the Peace Science Society (International), 2018.
- "The Evolution and Causes of the 'Territorial Peace' in the Americas" (with Luis Schenoni and Andrew Owsiak) paper presented at the Annual Meeting of the International Studies Association Meetings, 2018.
- "Gary Goertz's Multimethod Research and the Research Triad." Roundtable at the Annual Meeting of the American Political Science Association Meetings, 2017.
- "Transitions to Peace: Understanding the Pieces and Sequences" (with Andrew Owsiak and Paul Diehl) paper presented at the Annual Meeting of the International Studies Association Meetings, 2017.
- "The Decline of Violence and the Rise of Peace in the International System" Roundtable on Goertz, Diehl and Balas *Puzzle of Peace* book, at ISA, Atlanta, 2016.
- "The State of Peace Research: Themes, Approaches, and Methods" Roundtable at ISA, Atlanta, 2016.
- "UN peacekeeping operations and peacebuilding process after the Cold War: challenges of building peace in post-conflict societies" Discussant, at ISA, Atlanta, 2016.
- "Border Settlement and the Movement to Negative Peace" (with Andrew Owsiak and Paul Diehl) Paper prepared for the workshop "New Directions in the Study of Territory and Political Violence," University of Tennessee-Knoxville, June 4–6, 2015.
- "Non-barking territorial dogs: the evolution of negative peace" (with Paul Diehl, Ben Denison, and Paul Hensel) paper presented at the Annual Meeting of the Peace Science Society (International), 2013.
- "Case studies, causal mechanisms, and selecting cases, Part II: necessary conditions and fuzzy logic" paper presented at the Annual Meeting of the ECPR, Bordeaux, France 2013.
- "Explaining the increasing peacefulness of the international system: The causal mechanism, the international management of territorial issues" (with Paul Diehl and Alex Balas) paper presented at the Annual Meeting of the International Studies Association Meetings, 2013.

- "The transformation of military alliances: exploring and explaining the merger of regional governance and military alliances" (with Kathy Powers) paper presented at the Annual Meeting of the International Studies Association Meetings, 2013.
- "Mapping international peace: the evolution of peace since 1945" (with Diehl, P. and Balas, A.) Paper presented at the Annual Meeting of the Peace Science Society (International), 2011.
- "Mistrust and Hegemony: Regional Institutional Design, the CIS, and Russia" (with John Willerton and Michael Slobodchikoff), Paper presented at the Annual Conference on The Political Economy of International Organizations, 2012.
- "The evolution of peace: militarized disputes and peace" (with Diehl, P. and Balas, A.) Paper presented at the Annual Meeting of the Peace Science Society (International), 2012.
- "Case studies, causal mechanisms, and selecting cases" paper presented at the Annual Meeting of the American Political Science Association Meetings, 2011.
- "Regional governance: the evolution of a new institutional form" (with Kathy Powers) paper presented at the Annual Meeting of the American Political Science Association Meetings, 2011.
- "Continuity and change in Iran's rivalry patterns" (with Alex Balas and Paul Diehl) paper presented at conference on "Iran and the World" University of Illinois, March 2011.
- "Descriptive-Causal Generalizations: 'Empirical Laws' in the Social Sciences?" Workshop for the *Oxford Handbook of the Philosophy of the Social Sciences*, University of Alabama-Birmingham, April 2010.
- "'New wars': the revolution in the ability of either side to win interstate and civil wars" (with Kathy Powers) paper presented at the Annual Meeting of the American Political Science Association Meetings, 2009.
- "The economic-institutional construction of regions: conceptualization and operationalization" (with Kathy Powers) paper presented at the Annual Meeting of the American Political Science Association Meetings, 2009.
- "The Competition for FDI in Developing Countries: Governance Infrastructure and Public Goods vs. Regime Type" (with Ryan Baird) paper presented at the Annual Meeting of the International Political Economy Society Meetings, 2008.
- "Treaty Nestedness and Interstate Cooperation: Russia, the FSU, and the CIS" (with Pat Willerton and Kathy Powers) paper presented at the 2nd Global International Studies Conference of the World International Studies Committee, Ljubljana, Slovenia, 2008.
- "Conflict Management in Rivalries: Explaining Low Severity Conflict" (with Faten Ghosn) paper presented at the Annual Meeting of the International Studies Association Meetings, 2008.
- "Terrorism as Civil War" (with Michael Ryckman) paper presented at the Annual Meeting of the International Studies Association Meetings, 2008.
- "Conflict management in rivalries: explaining low severity conflict" (with Faten Ghosn) Paper presented at the Annual Meeting of the Peace Science Society (International), 2007.
- "Nested security institutions and conflict management in the Caucasus" (with John Willerton, Tatiana Vashchilko, and Kathy Powers) paper presented at the Annual Meeting of the American Political Science Association Meetings, 2007.
- "The evolution of Regional Economic Institutions (REI) into security institutions or The demise of traditional military alliances?" (with Kathy Powers) paper presented at the IGOs in Action Workshop, San Diego, 2006.
- "The Peace Scale: Conceptualizing and Operationalizing Nonrivalry and Peace" (with Jim Klein and Paul Diehl) paper presented at the Annual Meeting of the International Studies Association Meetings, 2006.
- "RTA Security Commitments Treaty Database: Patterns of Security Obligations in Trade Treaties and Conflict" (with Kathy Powers) paper presented at the Annual Meeting of the International Studies Association Meetings, 2006.

Roundtable participation in 'The Rediscovery of Treaties in Political Science' at the Annual Meeting of the International Studies Association Meetings, 2006.

Organized and chaired the panel "Rethinking qualitative methods: a symposium on Rethinking social inquiry edited by Henry Brady and David Collier" at the Annual Meeting of the American Political Science Association Meetings, 2005.

Discussant and organizer of panel "Gendered Concepts" at the Annual Meeting of the American Political Science Association Meetings, 2005.

'The New Rivalry Data Set: Procedures and Patterns' (with Jim Klein and Paul Diehl). Paper presented at the Annual Meeting of the Peace Science Society (International), 2004.

Organized and chaired a roundtable 'Causal Explanations and Case Studies: World War I and the End of Cold War' at the Annual Meeting of the American Political Science Association Meetings, 2004.

'Assessing the importance of necessary or sufficient conditions in fuzzy-set social science,' aper presented at the Annual Meeting of the American Political Science Association Meetings, 2004.

Theoretical Specifications of Enduring Rivalries: Applications to the India-Pakistan Case. Paper presented at the conference "Understanding the India-Pakistan Enduring Rivalry," McGill University, Montreal, 2003.

The Possibility Principle: Case Selection and Politically Relevant Dyads. Paper presented at the Annual Meeting of the Peace Science Society (International), 2003.

Maintenance Processes in International Rivalries (with Paul Diehl and Brad Jones). Paper presented at the Annual Meeting of the Peace Science Society (International), 2002.

Constraints, Compromises, and Decision-Making. Paper presented at the Annual Meeting of the International Studies Association, 2002.

Roundtable on Conceptualizing Conflict Management: International and Comparative Perspectives. Panel organized and chaired at the Annual Meeting of the International Studies Association, 2002.

Democracy, Weakest Link, and Substitutability (with William Dixon). Paper presented at the Annual Meeting of the American Political Science Association Meetings, 2001.

Punctuated Equilibrium and Stalemate in International Rivalries (with Paul Diehl). Paper presented at the Annual Meeting of the American Political Science Association Meetings, 2001.

Treaties and Conflict Management in Enduring Rivalries (with Paul Diehl). Paper presented at the workshop "Conceptualizing And Measuring Conflict Management Success", Dalhousie University, Halifax Nova Scotia, 2001.

Militarized Interstate Disputes: Outcome and Settlement in Non War Disputes and Their Implications for Conflict Management (with Derrick Frazier). Paper presented at the workshop "Conceptualizing and Measuring Conflict Management Success", Dalhousie University, Halifax Nova Scotia, 2001.

A Punctuated Equilibrium Model of Conflict Resolution (with Paul Diehl). Paper presented at the Annual Meeting of the International Studies Association (Midwest), St. Louis, 2000.

What is a Necessary Condition Theory of the Democratic Peace? Paper presented at the Annual Meeting of the International Studies Association, Los Angeles, 2000.

Recombining Social Constructivism and Functionalism: a theory of regime creation. Paper presented at the Annual Meeting of the International Studies Association, Los Angeles, 2000.

Organized and chaired a panel 'Necessary condition theories and methodology' at the American Political Science Association meetings, Atlanta 1999.

- (Enduring) Rivalries and Recurring Conflict (with Paul Diehl). Paper presented at the workshop Scientific Knowledge of War: Identifying Patterns, Competing Explanations, Vanderbilt University March, 1997.
- Necessary Conditions, Institutions, and Production Functions (with Scott Gates). Paper presented at the European Consortium for Political Research Meetings, Bern, Switzerland, 1997.
- The Methodology of Necessary Conditions (with Bear Braumoeller) Paper presented at the International Studies Association Meetings, San Diego 1996.
- An Interval Measure of War and Dispute Severity (with Paul Diehl). Paper presented at the International Studies Association Meetings, San Diego 1996.
- The Volcano Hypothesis and other Patterns in the Evolution of Enduring Rivalries (with Paul Diehl). Paper presented at the International Studies Association Meetings, Chicago 1995.
- Taking Enduring Out of Enduring Rivalries (with Paul Diehl) Paper presented at the American Political Science Association Meetings, New York September 1994.
- Linking Rivalries: Connecting International Conflict Across Space (with Paul Diehl) .Paper presented at the International Studies Association Meetings, March 29–April 1, 1994.
- Political Shocks in Rivalry Processes (with Paul Diehl, Robert Muncaster, and Dina Zinnes). Paper presented at the Peace Science Society (International) Meetings, November 12–14, 1993.
- The Initiation and Termination of Enduring Rivalries: The Impact of Political Shocks (with Paul Diehl). Paper presented at the Indiana Workshop on Enduring Rivalries, May 1–2, 1993.
- The Empirical Importance of the Concept of Enduring Rivalries (with Paul Diehl). Paper presented at the International Studies Association Meetings, Atlanta, 1992.
- Enduring Rivalries: A Comparison of Different Approaches (with Paul Diehl). Paper presented at the International Studies Association Meetings, Vancouver, 1991.
- International Norms and Power Politics (with Paul Diehl). Paper presented at the American Political Science Association Meetings, Washington, DC, September 1991.
- Territorial Change and Future Conflict (with Paul Diehl). Paper presented at the American Political Science Association Meetings, San Francisco, 1990.
- No Trespassing: International Conflict over Territory (with Paul Diehl). Paper presented at the American Political Science Association Meetings, Atlanta, 1989.
- Entering International Society: Violence and State Formation (with Paul Diehl). Paper presented at the International Studies Association Meetings, London, England, 1989.
- Territorial Changes and Recurring Conflict (with Paul Diehl). Paper presented at the International Studies Association Meetings, Washington, D.C., 1987.
- Mapping War: Territorial Changes and Their Implications for International Conflict and State-making (with Paul Diehl). Paper presented at the American Political Science Association Meetings, Washington, D.C., 1985.
- Allocations to the Military: A Comparison of Different Measures (with Paul Diehl). Paper presented at the International Studies Association Meetings, Washington, D.C., 1985.
- Changing Parameters Across Time and Space. Paper presented at the European Consortium for Political Research, Salzburg Austria, 1984.
- Military Allocations and Security (with Paul Diehl). Paper presented at the Peace Science Society (International) Meetings, Champaign-Urbana, 1983.

Policy consulting

2017–21 German Development Evaluation Institute (the official German development evaluation institute) – consulting on multimethod development project evaluation