

FRANK WHELON WAYMAN

CURRENT POSITION

Professor of Political Science (tenured)
Department of Social Sciences
University of Michigan-Dearborn
Dearborn, MI 48128-1491

EDUCATION

Ph.D. in political science, University of Pennsylvania, 1972.
Major field: international. Minor fields: American, comparative, and theory. Thesis: "When the Sword Is Mightier: A Theory of Military Involvement in Politics."
Inter-University Consortium for Political Research, Summer Programs, 1971, 1972, 1975, 1977.
Certificate of Attendance, Alliance Française, Paris, Summer 1969.
B.A. in government, Cornell University, 1968.

<p>RESEARCH SKILLS</p> <p>Research Design: Quasi-Experimental Designs (Causal Modelling and Time Series Analysis; Panel Analysis; Evaluation Research). Explanation and Prediction.</p>	<p>Game Theory and Rational Choice Models. Statistical Models. Scaling. Survey Research. Elite Interviewing. Legislative Roll-Call Analysis. French - reading and speaking knowledge.</p>
--	---

BOOK CURRENTLY UNDER CONTRACT

Frank Wayman, Paul Williamson, and Bruce Bueno de Mesquita, eds., *Prediction: Breakthroughs in Science, Markets, and Politics*. Ann Arbor: University of Michigan Press, 2011.

Related work under contract:

"Scientific Prediction and the Human Condition," ch. 1 in Wayman, Williamson, and Bueno de Mesquita, eds., *Prediction*. University of Michigan Press, 2011.

"From Altruism to the Future Frequency of War: How Consilient Explanation Differs from Prediction," ch. 13 in Wayman, Williamson, and Bueno de Mesquita, eds., *Prediction*. University of Michigan Press, 2011.

"Scientific Revolutions and the Advancement of Explanation and Prediction," ch. 16 in Wayman, Williamson, and Bueno de Mesquita, eds., *Prediction*. University of Michigan Press, 2011.

PUBLICATIONS

Books and Monographs

Resort to War: A Data Guide to Inter-State, Extra-State, Intra-State, and Non-State Wars, 1816-2007. Washington, D.C.: CQ Press, 2010. (Co-author Meredith Reed Sarkees; definitions of war and the state, leading to data, trends, and narratives concerning each of the 655 Inter-State, Intra-State, Extra-State, and Non-State Wars of the past 2 centuries, 691 pages)

Reconstructing Realpolitik. Ann Arbor: Univ. of Michigan Press, in cloth and paper editions, 1994. (Co-editor with Paul Diehl)

A Time of Turmoil: Values and Voting in the 1970s. East Lansing, MI: Michigan State University Press, 1983. (Co-author with Professor R. Stockton)

Military Involvement in Politics: A Causal Model. Beverly Hills: Sage Professional Papers in International Studies, 1975.

Other Publications

"Explaining the Onset of Mass Killing, 1949-87," *Journal of Peace Research*, Vol. 47 (No. 1), pp. 3-13, January 2010 (Lead article; co-author with Atsushi Tago.)

"Rethinking Partisanship: Some Thoughts on a Unified Theory," in John Bartle and Paolo Bellucci, eds., *Political Parties and Partisanship: Social Identity and Individual Attitudes*. (Co-author with Bernard Grofman and Matthew Barreto.) Abingdon, Oxon, UK: Routledge, November 2008, pp. 60-74.

"Inter-State, Intra-State, and Extra-State Wars: A Comprehensive Look at their Distribution over Time, 1816-1997."

International Studies Quarterly, 2003, Vol. 47: 49-70. (Co-author with Meredith Sarkees and J. David Singer.)

Reprinted in Paul Diehl, ed., *War*, Vol. I (London: Sage Publications, 2005).

"The Scientific Study of Armed Conflict: What Is to Be Done?" *Conflict Management and Peace Science*, 2002: Vol.19: 1-4. (Co-author with Glenn Palmer.)

"Rivalries: Recurrent Disputes and Explaining War," in John Vasquez, ed., *What Do We Know about War?* Lanham, Md.: Rowman and Littlefield, 2000: 219-234.

"Power Shifts and the Onset of War," in Jacek Kugler and Douglas Lemke, eds., *Parity and War: Evaluations and Extensions of the War Ledger*. Ann Arbor: Univ. of Michigan Press, 1996: 145-162.

"Purpose, Process, and Progress in the Study of War," in Stuart Bremer and Thomas Cusack, eds., *The Process of War: Advancing the Scientific Study of War*, Gordon and Breach, 1995: 251-258.

"Realism Reconsidered: The Realpolitik Framework and its Basic Propositions," in Frank Wayman and Paul Diehl, eds., *Reconstructing Realpolitik*. Ann Arbor, Mich.: Univ. of Michigan Press, 1994: 3-28. (Co-author with Paul F. Diehl.)

"Realpolitik: Dead End, Detour, or Road Map?" in Frank Wayman and Paul Diehl, eds., *Reconstructing Realpolitik*. Ann Arbor, Mich.: Univ. of Michigan Press, 1994: 247-266. (Co-author with Paul F. Diehl.)

"Security and Ethnic Conflict Management Strategies for Europe," in Frederick Pearson, ed., *Europe at the Crossroads: Integration, Disintegration, Implications for North America*. Washington, D.C.: Friedrich-Naumann-Stiftung, 1992: 111-112.

"Buying Time: Moneyed Interests and the Mobilization of Bias in Congressional Committees." *American Political Science Review*, September 1990: 797-820. (Co-author with Richard L. Hall.)

Reprinted in Pietro S. Nivola and David H. Rosenbloom, eds., *Classic Readings in American Politics*. New York, NY: St. Martin's/Worth, 3rd Edition, 1999: 206-231.

Reprinted in Robert Alexander, ed., *Classics of Interest*

Group Behavior. Wadsworth Publishing, 2005.

Reprinted in Steven S. Smith, Jason Roberts, and R. Vander Wielen, eds., *The American Congress Reader.* New York, N.Y.: Cambridge University Press, 2008.

"Evolution and Directions for Improvement in the Correlates of War Project Methodologies," in J. David Singer and Paul Diehl, eds., *Measuring the Correlates of War.* Ann Arbor, Mich.: University of Michigan Press, 1990: 247-268. (Co-author with J. David Singer.)

"Measuring Polarity in the International System," in J. David Singer and Paul Diehl, eds., *Measuring the Correlates of War.* Ann Arbor, MI: University of Michigan Press, 1990: 139-158. (Co-author with T. Clifton Morgan).

"Alliances and War: A Time Series Analysis," in Charles Gochman and Alan Sabrosky, eds., *Prisoners of War? Nation-States in the Modern Era.* Lexington, Mass.: Lexington Books, 1990: 93-114.

"The Strategic Defense Initiative, Strategy, and National Defense." *International Studies Notes*, Vol. 14, No. 2 (Spring 1989): 27-35.

"Protecting American Security Interests: An Arms Control Agenda," in Loch K. Johnson and Paul F. Diehl (eds.), *Through the Straits of Armageddon: Arms Control Issues and Prospects.* Athens, Ga.: University of Georgia Press, 1987: 222-240.

"Arms Control and Strategic Arms Voting in the U.S. Senate: Patterns of Change, 1967-1983." *Journal of Conflict Resolution*, Vol. 29, No. 2 (June, 1985): 225-252.

"Arms Control Treaties to Limit the Arms Race?" *Michigan Alumnus*, Vol. 91, No. 5 (Jan-Feb, 1985): 23-25.

"Bipolarity and War: The Role of Capability Concentration and Alliance Patterns among Major Powers, 1816-1965." *Journal of Peace Research*, Vol. 21 (Spring, 1984): 25-42.

Reprinted in John A. Vasquez and Marie Henehan, eds., *The Scientific Study of Peace and War* (Lexington, Mass.: Lexington Books, 1992, 2000): 177-200.

Reprinted in modified form, under the title, "Bipolarity,

Multipolarity, and the Threat of War," in Alan Sabrosky, ed., *Polarity and War* (Boulder, Colo.: Westview, 1985): 115-144.

"Voices Prophesying War: Events and Perceptions as Indicators of Conflict Potential in the Middle East," in J. David Singer and Richard Stoll (eds.), *Quantitative Indicators in World Politics* (N.Y.: Praeger, 1984): 153-185.

"Capability, Allocation, and Success in Militarized Disputes and Wars, 1816-1976." *International Studies Quarterly*, Vol. 27 (December, 1983): 497-516. (Co-author with J. David Singer and G. Goertz).

Reprinted in John A. Vasquez, ed., *Classics of International Relations*, Third Edition (Upper Saddle River, N.J.: Prentice-Hall, 1996): 250-260.

Reprinted in J. David Singer, *Models, Methods, and Progress in World Politics* (Boulder, Colo.: Westview, 1990): 201-219.

"The Structure and Stability of Political Attitudes." *Public Opinion Quarterly*, Vol. 47 (Fall, 1983): 329-346. (Co-author with Ronald R. Stockton).

"Alumni-Based Evaluations of Political Science." *News for Teachers of Political Science*, No. 38 (Summer, 1983): 15-16.

Book reviews, including a "feature review" of *In Search of Theory: A New Paradigm for Global Politics*, by Richard Mansbach and John Vasquez, in *Perspective* (October, 1981), Vol. 10 (No. 8): 138-139.

"Coups or Military Rule? A Comment on Zimmermann." *Armed Forces and Society*, Vol. 7 (Spring 1981): 487-489.

"The Busing Issue: Race and Social Change." *Michigan Academician*, Vol. 8 (Spring, 1976): 441-456. (Co-author with R. Stockton.)

PAPERS DELIVERED AND CONFERENCE PRESENTATIONS

"Non-State War," Annual meeting of the International Studies Association, New Orleans, Feb. 16-20, 2010.

"Frontier of Scientific Study of War" (morning session) and "Explaining the Onset of Mass Killing 1949-87" (afternoon), Kobe University, Graduate School of Law, Kobe, Japan, July 3, 2008.

"On the book, *Prediction*." (Co-author with Bruce Bueno de Mesquita and Paul Williamson.) Annual meeting of the International Studies Association, San Francisco, Mar. 28, 2008.

"A Typology of International Political Actors and War Participants." (Co-author with Meredith Reed Sarkees.) Annual meeting of the International Studies Association, San Francisco, Mar. 26, 2008. [Related talk: "The Concept of the State and its Place in the Interstate System." Social Sciences Colloquium, Univ. of Michigan-Dearborn, Sept. 2007.]

"Explaining and Predicting Mass Political Killing (Genopoliticide and democide)." (Co-author with Atsushi Tago.) Graduate Institute of International Studies, Geneva, Switzerland, June 2006.

"Party ID in the U.S. in Longitudinal Perspective." (Co-author with Bernard Grofman and Matthew Barreto.) Workshop on party identification, European Consortium for Political Research (ECPR), Joint Sessions, Nicosia, Cyprus, April 2006.

"Prediction of Macro-Social Behavior from Individual and Biological Levels of Analysis: Problems in Evolution of Conflict." Presented at the conference, "Illuminating the Shadow of the Future: Scientific Prediction and the Human Condition," University of Michigan, Ann Arbor, Sept. 24, 2005.

"Inter-State, Intra-State, Extra-State, and Non-State Wars, 1816-2004." Presented at the annual meeting of the International Studies Association, Honolulu, Hawaii, Mar. 5, 2005. (Co-author with Meredith Sarkees and J. David Singer.)

"Power Shifts and Preventive War: A Scientific Perspective on Changing Patterns of War, 1816-2003." Annual meeting of the International Studies Association, Honolulu, Hawaii, Mar. 3, 2005.

"Explaining the Onset of Mass Political Killing: The Effect of War, Regime Type, and Economic Deprivation on Democide and Politicide, 1947-1987." Presented at the annual meeting of the International Studies Association, Honolulu, Hawaii, Mar. 2,

2005. (Co-author with Atsushi Tago.)

"Hegemony and the Power of Liberal Coalitions in Militarized Disputes and Wars, 1816-2001." Annual meeting of the International Studies Association, Montréal, Québec, Canada, Mar. 17-20, 2004. (Co-author with Atsushi Tago.)

"Predicting Crimes against Humanity: Effects of War, Democracy, Economic Development, and UN Intervention, 1946-2000." Presented at the annual meeting of the International Studies Association, Montréal, Québec, Canada, Mar. 17-20, 2004. (Co-author with Atsushi Tago.)

"Patterns of Militarized Disputes between Liberal States, 1816-1992." Presented at the annual meeting of the Peace Science Society, Tucson, Ariz., Nov. 1-3, 2002.

"Incidence of Militarized Disputes between Liberal States, 1816-1992." Annual meeting of the International Studies Association, New Orleans, La., Mar. 23-27, 2002.

"A Cooperative Solution to Prisoner's Dilemma: Cooperation as a Function of Degree of Altruism in Prisoner's Dilemma and Iterated Prisoner's Dilemma." Annual meeting of the Peace Science Society, Yale University, New Haven, Conn., Oct. 27-29, 2000.

"Recurrent Disputes and Rivalries as Components in the Explanation of War," an invited paper at the conference on Scientific Explanation of War, Vanderbilt University, March 13-16, 1997.

"Staying the Course: A Five-Wave Panel Study of Realignment, 1974-1984." Annual Meeting of the American Political Science Association, San Francisco, Aug. 29-Sept. 1, 1996.

"Inter-State, Intra-State, and Extra-Systemic Wars, 1816-1995," at the annual meeting of the International Studies Association, San Diego, April 1996.

"The Role of Rivalries in the Explanation of International Conflict," at the workshop on Processes of Enduring Rivalries, Indiana University, Bloomington, May 1-2, 1993.

"Evolution of Conflict in Enduring Rivalries." Annual Meeting of the International Studies Association, Vancouver, March 1991.

(Co-author with Daniel Jones.)

"Alliances and the Spread of War." Annual Meeting of the Peace Science Society, New Brunswick, N.J., November 1990.

"The Four Claim Rules: A Theory of Persuasion in Political Competition." Annual Meeting of the American Political Science Association, San Francisco, September, 1990.

"PAC Money and the Mobilization of Support in House Committee Decision Making." (Co-author with Richard Hall.) Awarded Pi Sigma Alpha Prize, best paper presented at the annual Meeting of the Midwest Political Science Association, Chicago, April 1989.

"Power Shifts and War," at the joint meeting of the International Studies Association and of the British International Studies Association, London, March 1989.

"Arms Control: What Should Be Done." Annual Meeting of the International Studies Association, Washington, D.C., April 1987.

"Defense: Its Relationship to Deterrence, BMD Technology, and the Risk of War." The concluding paper at the conference on a World with Strategic Defense, University of Michigan-Ann Arbor, November 1986.

"The Changing Politics of Oil and Gas Price Deregulation: Ideology, Campaign Contributions and Economic Interests, 1973-1982." Annual Meeting of the American Political Science Association, New Orleans, September 1985. (Co-author with Ed Kutler.)

"Alliances and War: An Interrupted Time-Series Analysis." XIIIth World Congress of the International Political Science Association, Paris, France, July 1985.

"Alliances and the Concept of Polarity." Annual Meeting of the International Studies Association, Atlanta, March 1984.

"Arms Control and Strategic Arms Voting in the U.S. Senate: Patterns of Change, 1967-1982." Faculty Seminar on Arms Control, University of Michigan, November, 1982, and Annual Meeting of the International Studies Association, Mexico City, April 1983.

"Power Transitions, Enduring Rivalries, and War, 1816-1970." Meeting of the Institute for the Study of Conflict Theory and

International Security, Urbana-Champaign, IL, September 1982.

"Voices Prophesying War: Events and Perceptions as Indicators of Conflict Potential in the Middle East." Annual Meeting of the American Political Science Association, New York City, September 1981.

"Bipolarity, Multipolarity, and the Threat of War." Annual Meeting of the International Studies Association, Philadelphia, March 1981.

"The Structure and Stability of Political Attitudes." Annual Meeting of the American Political Science Association, Washington, D.C., August 1980. (Co-author with R. Stockton)

"Towards a Causal Model of Congressional Decision Making on Energy." National Energy Policy Conference, Morgantown, WV, May 1980.

"Congressional Decisions on Energy: Explaining Voting Patterns since the Revolution in Iran," Annual Meeting of the International Studies Association, Los Angeles, March 1980.

"Elite Perceptions and Balance of Power Theory: American Specialists View the Middle East." Colloquium of the Political Science Department, Wayne State University, May 1975.

"Dissonance Patterns and the Response to Watergate." (Co-author) Conference on Political Corruption and Political Reform, East Lansing, MI, October 1974.

COURSES TAUGHT

Rational Choice (graduate school public policy course).
Research Methods (separate courses in political science, in public administration [pub. ad.], and in public policy);
Information Systems and Statistics for Administrators (grad. pub. ad.). International Relations Theory (Seminar).
International Politics. International Security Affairs. Peace and War (which begins with concepts of war and the state, and spatial-temporal patterns of war onset, and then focuses mostly on causes of inter-state war). The Vietnam War (Freshman Writing Seminar). The Arms Race. American Foreign Policy (in one- and two-semester versions). Comparative Foreign Policy. Great Powers: 1495-present. Comparative Communism. Comparative

Politics. Environmental Politics. American Politics. Public Opinion. Political Environment of Policy Process (public policy school, graduate core course, UM-Ann Arbor). And a self-paced, distance learning course, Research Methods, with self-contained videotaped modules, each with learning objectives and study guide (lectures available on U-matic and then VHS tape since 1979); in 2008-2009, this course was converted to an internet-based format. Ph.D. Dissertation Committee Member, University of Michigan, Dept. of Political Science.

ADMINISTRATIVE EXPERIENCE

President, The Research Club, University of Michigan, 1997-2010. (Vice-President, Research Club, 1995-1997.) The Research Club, founded in 1900, with members drawn from the tenure-track faculty, nominated the Russel Lecturer, considered the highest honor the University bestows on a faculty member, through 1999. The Research Club also sponsors research talks in the Rackham Building on the Ann Arbor campus, including the Shadow of the Future Conference, Sept. 2005, with Edward O. Wilson, keynote, and with Stanford University co-funding (book forthcoming).

Director, Master of Public Policy (MPP) Program, University of Michigan-Dearborn, 2004-2005. First director of this program, and also the principal author of the proposal creating this program. Chair, Master of Public Policy Committee, Univ. of Michigan-Dearborn, 2000-2004. This committee drafted the plan to create a Master of Public Policy degree program (adopted by the University of Michigan Regents, July 2004).

Director, and Principal Investigator (on Canadian Studies Grants): Ottawa Internship Program in the Canadian House of Commons, 2005-2009. I have secured, from the Canadian Embassy, an annual program enhancement grant for the Ottawa public affairs internship (typically enrolling with about 75% UM-AA students, 20% UM-D students, 5% others). These grants commenced as the program's administrative core was returned from the Ann Arbor campus to its original home at UM-Dearborn, after 11 years away, and I became its Director, in 2005-2006. Annual grant renewals: 2006-07, 2007-2008, 2008-2009, and 2009-2010. And in a related Canadian Studies development, I drafted the plan, which was adopted in 2006, for a joint MPP-MA degree in Canadian and U.S. Public Policy with the Univ. of Windsor, now enrolling students from USA and Canada.

Co-Chair, University of Michigan-Dearborn Self-Study Steering Committee for Accreditation by the North Central Association of Colleges and Schools, Commission on Institutions of Higher Education, 1990-1993. We conducted a special emphasis self-study with the focus on strategic planning.

Director, Division of Inter-Disciplinary Studies (IDS), University of Michigan-Dearborn, 1981-1986. In this capacity, I reported to the Vice Chancellor for Academic Affairs (Provost); was a member of the Council of Deans (consisting of the Provost and the 5 heads of the academic units on campus); and was responsible for the unit's 70 graduate and 450 undergraduate students, who were enrolled in its degree programs in computer science and information systems, environmental studies, health policy and administration, urban studies, and public administration. Executive Officer, IDS, University of Michigan-Dearborn, 1977-1981.

Acting Chairman, Department of Social Sciences, University of Michigan-Dearborn, Spring Term, 1976. Chair, Political Science Discipline, University of Michigan-Dearborn, Winter 1979, and January 1988-April 1989, and Sept. 1996-June 1997.

Member, Raoul Wallenberg Executive Committee, Wallenberg Endowment, Univ. of Michigan, 2002-present. Wallenberg (UM bachelor's degree, 1935), at grave personal risk, saved up to 100,000 people in Hungary during the Holocaust by granting them Swedish diplomatic protection; imprisoned by the invading Soviet forces in 1945, Wallenberg appears to have died in the Gulag; he is the 2nd person (Winston Churchill is the first) to become an honorary U.S. citizen. The Wallenberg Committee works with the Assistant Dean of Rackham for International Education to select the Wallenberg Medalist, a courageous person who has made a difference in a humanitarian crisis. Early Medalists have included two Nobel Laureates (the Dalai Lama and Elie Wiesel). Recent well-known recipients are Paul Rusesabagina, popularly known as the heroic central character of the film "Hotel Rwanda," and 2008's Desmond Tutu, another Nobelist.

PREVIOUS EXPERIENCE

Adjunct Professor of Political Science, Dept. of Political Science, University of Michigan - Ann Arbor, 2000-2001.

Adjunct Professor of Public Policy, Institute of Public Policy

Studies, University of Michigan-Ann Arbor, Fall 1993.

Visiting Professor of Political Science, Dept. of Political Science, University of Michigan-Ann Arbor, Fall 1989.

Visiting Associate Professor of Political Science, Dept. of Political Science, University of Michigan-Ann Arbor, Winter 1983, Winter 1984, Winter 1985.

Professor of Political Science, University of Michigan-Dearborn, 1984 to present.

Associate Professor of Political Science, University of Michigan-Dearborn, 1976-1984.

Assistant Professor of Political Science, University of Michigan-Dearborn, 1972-1976.

Teaching Fellow, University of Pennsylvania, 1970-1971.

Researcher, Congressional Quarterly, Summer 1968.

Researcher, Government Division, Legislative Reference Service (now Congressional Research Service), Library of Congress, Summer 1967.

Inspector, milling machine operator, and assembly worker, Aircraft Instruments Co. (a U.S. Air Force and Navy contractor, making cockpit instruments for fighter planes and other aircraft), Summer 1964, 1965, and 1966.

WORK IN PROGRESS

War and Theory in World Politics - data analysis underway, several hundreds of pages of text completed.

Uncertain Supremacy: The Great Powers and the Task of World Leadership. Draft manuscript on sources of power, balance of power systems, etc.

"The Balance of Power: A Formal Model." Draft paper.

"Thou Shalt Not Kill a Fellow Liberal: Patterns of Militarized Disputes between Liberal States, 1816-1992." Being revised for submission.

"Long Term Change in Party ID among U.S. Adults: Evidence from NES Cohort Data at the National and Regional Level, and from the Stockton and Wayman (1983) Dearborn, Michigan Ten Year Panel." Submitted to the *American Political Science Review*, Sept., 2007; rejected; now submitted to another journal. (Co-author with Bernard Grofman and Matthew Barreto.)

"Toward an Identity Theory Synthesis," co-authored with Bernard Grofman (in draft).

Race, Realignment, and Presidential Votes in Twentieth Century America - data analysis mostly done, 400-page draft completed; book-length study of the transition in public opinion underlying the change from the Democratic-dominated post-New Deal majority to the Reagan-Bush era of Republican governance; co-authored with Bernard Grofman.

Illuminating the Shadow of the Future: Scientific Prediction and the Human Condition. Centered on a conference at the Univ. of Michigan-Ann Arbor, Sept. 23-25, 2005, with intent to produce a book (titled *Prediction*) from the proceedings. Foci are prediction of global conditions, and the proper role of "consilience," the quest for reduction and unity of the sciences, and other modes of explanation. Keynote speaker Edward O. Wilson, Harvard University. Co-sponsored by the Research Club of the Univ. of Michigan; Global Vision, Inc. (Paul Williamson); and the Hoover Institution, Stanford University (Bruce Bueno de Mesquita). Co-editors are Wayman, Williamson, and Bueno de Mesquita; potential publisher is University of Michigan Press (whose executive editor, Jim Reische, attended large portions of the conference, and provided an advance contract).

"A Cooperative Solution to Prisoner's Dilemma: Cooperation as a Function of Degree of Altruism in Prisoner's Dilemma and Iterated Prisoner's Dilemma." Paper, with solutions based on dominant strategies, presented at the conference on *Illuminating the Shadow of the Future*.

"The Four Claim Rules: Arguments, Agendas, and Persuasion in Political Competition" - being resubmitted as time permits.

Politeia (πολιτεία) Project, with Atsushi Tago. Long-term study of intervention strategies, especially by liberal states and IGOs, in regions of war, instability, and mass killing.

PROFESSIONAL ACTIVITIES AND ASSOCIATIONS

Participant, Correlates of War Seminar, University of Michigan, 1980-2007. Member, and co-founder, Correlates of War Project Council (an international scientific body, meeting semi-annually), 1995-2001. Data Host, Correlates of War Project Inter-state and Extra-state War Data Sets, 2005-present.

Participant (and Fellowship Recipient), Hoover Summer Institute on Rational Choice Modelling of International Politics, Stanford University, Summer 1994.

Participant (Sloan Fellowship), M.I.T./Harvard Summer Program on Nuclear Weapons and Arms Control, 1985.

Member, Faculty Seminar on Arms Control (an initiative of President Harold Shapiro), University of Michigan, 1981-1990.

Participant, Wissenschaftszentrum Berlin für Sozialforschung, Conference on the Study of War, August 1991.

Chair, Panel on "Global Forecasting: Data-Based Computational Models and Precursors," Annual Meeting of the International Studies Association, San Francisco, March 2008. Chair, Panel: "Political Realism," Annual Meeting of the American Political Science Association, Washington, August 31, 1991. Chair, Panel: "Enduring Rivalries: Escalation and Deterrence," Annual Meeting of the International Studies Association, Vancouver, March 1991. Chair and Discussant, Panel: "Institutionalized Military Regimes," Conference on the Civilian Control of the Military, sponsored by the Inter-University Seminar on Armed Forces and Society, Buffalo, NY, October 1974.

Participant, Institute for the Study of Conflict Theory and International Security, Champaign, IL, September 1982, and Laramie, WY, July 1981.

Participant, Scholar-Diplomat Programs on Politico-Military Affairs, U.S. Department of State, May 1981 & January 1975.

Co-Director, Public Opinion Study Group, Univ. of Michigan-Dearborn. Co-authored (with Ronald R. Stockton) many questions on presidential candidates' character (strength, honesty, etc.) that have since become a portion of the National Election

Studies.

Member, American Political Science Association (APSA), International Studies Association (ISA), and Peace Science Society (PSS). Presidential Nominating Committee, PSS, 1991, and Council Member, Scientific Study of International Processes Section of ISA, 1998-2000, Long-Range Planning Committee of ISA, 2000-2002. Member, People-to-People delegation to People's Republic of China led by APSA President R. Axelrod (May-June 2007). Listed, *Who's Who in the Midwest*; speaker, analyst Public Affairs programs, WJBK TV (CBS network affiliate), and WXYZ TV (ABC network affiliate), Detroit and area, 1975-1990; lecturer, University of Michigan Alumni Camp, Lake Walloon, Mich., 1985 and 1992.

Manuscript reviewer, various professional journals and university and commercial presses.

HONORS, RECOGNITION AND AWARDS

American Political Science Review fifty most cited articles in the 100 years of the *Review* November 2006: "Buying Time" (#44).

Distinguished Faculty Award, Michigan Association of Governing Boards of State Universities, 2000.

The Outstanding Faculty Research Award, from the University of Michigan-Dearborn, 1999.

Pi Sigma Alpha Prize, for best paper presented at the 1989 annual meeting of the Midwest Political Science Association. (Co-recipient with Richard Lee Hall).

GRANTS

For *Prediction*. Grants from Office of the President, University of Michigan; the Research Club, University of Michigan; and the Hoover Institution, Stanford University. 2006-2010.

Parliamentary Internship in House of Commons, Ottawa, Canada, Program Enhancement Grant from the Department of Foreign Affairs and International Trade (DFAIT), Canadian Government. (Project

director and principal investigator.) Initial grant 2005-2006. Subsequent grants: 2006-2007; 2007-2008; 2008-2009; and 2009-2010.

For "Illuminating the Shadow of the Future: Scientific Prediction and the Human Condition." Project director on grants used mostly in 2005 to support this conference (convened Sept. 23-25, 2005); half the funds from the University of Michigan (Office of the President, Office of Vice President for Research, Office of the Chancellor and Provost), with matching funds from Hoover Institution, Stanford University.

National Science Foundation Grant, for Study of Organized Interests and the Mobilization of Bias in Congress (co-principal investigator with Richard Lee Hall), 1993-1995.

For "Private Groups, Public Lobbies, and Constituent Interests: Mobilizing Bias in Environmental and Energy Policy Making" (Co-project director with Richard Lee Hall):

Fellowship and Grant, Small Grants Program, Resources for the Future, 1992-1993.

Research Start-up Grant, Office of the Vice President for Research, Univ. of Michigan, 1992.

For studies of interest group influence on the U.S. House and Senate in the policy areas of energy, environment, and defense:

American Natural Resources Fellowship, Summer, 1986.

Research Grant and Fellowship, University of Michigan, Office of Energy Research and U.S. Department of Energy, 1980-1983.

Summer Research Fellowship, University of Michigan-Dearborn, Campus Grants Committee, 1982.

For Study of U.S. Partisanship, Issues, and Voting:

Research Grant, Ford Motor Company Fund, 1981-82, funding American Presidential Election Public Opinion Panel (co-project director with Ronald R. Stockton).

Rackham Faculty Research Grant (co-project director with Ronald R. Stockton) and Research Fellowship, University of

Michigan, 1975-1976, funding first four waves of six-wave American Presidential Election Public Opinion Panel.

National Science Foundation and Anspach Grants for Study at Inter-University Consortium for Political Research, University of Michigan, Summer 1971 and 1972.

Four-Year Ph.D. Fellowship, University of Pennsylvania, 1968-1972.

FOREIGN TRAVEL

Extensive overseas travel in Ecuador (mainland and Galapagos Islands), the United Kingdom, France, Spain, the Netherlands, Denmark, Norway, Switzerland, Germany, Austria, Italy, all republics and regions of former Yugoslavia (notably, Serbia, Kosovo, Montenegro, Macedonia, Bosnia, and Croatia), Bulgaria, Greece, Turkey, Israel, Egypt, Japan, and People's Republic of China (Beijing, Shanghai, Guangxi, and Hong Kong).

DOSSIER AND REFERENCES

Dossier containing letters of recommendation on file with the University of Pennsylvania Career Planning and Placement Services, Suite 20, McNeil Building, 3718 Locust Walk, Philadelphia, Pennsylvania, 19104-6209.

(c.v. of Aug. 2, 2010, *total*)