

ROBERT AXELROD
CURRICULUM VITAE
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PERSONAL

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EDUCATION

B.A.: Mathematics (with honors), University of Chicago, 1964
M.A.: Political Science, Yale University, 1966
Ph.D.: Political Science (with distinction), Yale University, 1969

TEMPORARY EMPLOYMENT

Hudson Institute, summers 1963 and 1964
Office of the Secretary of Defense, International Security Affairs, Policy Planning Staff,
management intern, summer 1965
Bureau of the Budget, International Division, budget analyst, summer 1966
RAND Corporation, Department of Economics, summer 1967
National Campaign Staff, Senator Eugene McCarthy, March to August, 1968

REGULAR EMPLOYMENT

Acting Assistant Professor of Political Science, University of California, Berkeley, 1968-69
Assistant Professor of Political Science, University of California, Berkeley, 1969-74 (on leave at
Dept. of International Relations, London School of Economics, 1971-72)
Associate Professor of Political Science, and Research Associate of the Institute of Public Policy
Studies, the University of Michigan, 1974-80 (on leave at Center for Advanced Study in
Behavioral Sciences, 1976-1977)
Professor of Political Science and Public Policy, Department of Political Science and Institute of
Public Policy Studies, the University of Michigan, 1980-87 (on leave at Center for
Advanced Study in Behavioral Sciences, 1981-82)
Arthur W. Bromage Distinguished University Professor of Political Science and Public Policy,
University of Michigan, 1987-2006
Mary Ann and Charles R. Walgreen Professor for the Study of Human Understanding, University
of Michigan, 2006- (on leave as Jefferson Science Fellow, U.S. Department of State, 2014-
2015)

AWARDS

Doctorate awarded with distinction, Yale University, 1969
Council on Foreign Relations Fellowship, 1971-72
National Science Foundation NATO Fellowship, 1971-72
Center for Advanced Study in the Behavioral Sciences, Fellow 1976-77 and 1981-82
Newcomb Cleveland Prize for an outstanding paper published in Science during 1980-81, awarded by the American Association for the Advancement of Science, shared with co-author William Hamilton
American Academy of Arts and Sciences, elected to membership, 1985
Franklin L. Burdette Pi Sigma Alpha Award for the best paper at the 1985 American Political Science Association annual meeting, "Modeling the Evolution of Norms"
National Academy of Sciences, elected to membership, 1986
Germeshausen Distinguished Lecturer, Sloan School of Management, M.I.T., 1986
MacArthur Prize Fellow, 1987-92
Grawemeyer Award, runner-up, for "the best idea promoting improved relations between nations published in the last five years," 1988
National Academy of Sciences Award for Behavioral Research Relevant to the Prevention of Nuclear War, 1990
Distinguished Faculty Achievement Award, University of Michigan, 1990
Russell Lectureship, University of Michigan's highest award to a senior faculty member, 1992
Council on Foreign Affairs, elected to membership, 1996
Excellence in Research Award, College of Literature, Science and the Arts, University of Michigan, 1999
George T. Terry Book Award, finalist, for outstanding contribution to the advancement of management knowledge for Harnessing Complexity (with Michael D. Cohen), awarded by the Academy of Management, 2001
NSF IGERT award on "Institutions, Diversity, Emergence, Adaptations and Structures," 2002-11 with Scott E. Page (PI), Michael D. Cohen, and Thomas B. Kepler and Carl P. Simon (co-PI's)
NSF award on "Agent-Based Models of In-Group Favoritism and Out-Group Hostility," 2003-06
American Philosophical Society, elected to membership, 2004
NSF award on "Best Practices for Interdisciplinarity," with Michael Brintnall, Executive Director of the American Political Science Association, 2006-08
Doctor of Humane Letters Honoris Causa and commencement speaker, Georgetown University Graduate School, 2006
Lifetime member of Phi Beta Delta, Political Science Honor Society, elected 2007
Delegate, World Federation of Scientists Initiative on the Middle East, 2007-10
Wilber Cross Medal of the Yale Graduate School Alumni Association, for "extraordinary intellectual accomplishments," 2008
Senior Fellow, ARTIS Research & Risk Modeling Corp., 2008-
Air Force Office of Scientific Research award for "Case-Based Influence," 2010-15
Charles E. Merriam Award for "a person whose published work and career represent a significant contribution to the art of government through the application of social science research," American Political Science Association, 2011
Regents' Award for Distinguished Public Service, University of Michigan, 2011
Lifetime Achievement Award from American Political Science Association's Conflict Process Section for "a body of work unmatched within conflict processes in terms of its breadth, influence, and creativity," 2013

Johan Skytte Prize in Political Science “for the most valuable contribution to political science,” namely for “profoundly having changed our presumptions about the preconditions for human cooperation,” 2013
NSF Award, “Policies for Enhancing U.S. Leadership in Cyberspace” with Stephanie Forrest, 2014-16
National Medal of Science, the “nation’s highest honor for scientific achievement and leadership,” 2014
Doctor of Laws, Harvard University, 2015

PROFESSIONAL ACTIVITIES

Member, Editorial Board, American Political Science Review, 1976-81
Member, National Academy of Sciences Panel on Behavioral and Social Aspects of Energy Consumption and Production, 1980-83
Associate Chair, Department of Political Science, University of Michigan, 1983-84
Senior Fellow, Society of Fellows, University of Michigan, 1984-87
Secretary, American Political Science Association, 1984-85
Member, National Academy of Sciences Committee on Contributions of Behavioral and Social Science to the Prevention of Nuclear War, 1985-91
Member, Visiting Committee, Harvard University Department of Government, 1987-93
Member, National Academy of Sciences Committee on International Security and Arms Control, 1988-91
Member, Nominating Committee, American Political Science Association, 2000-01
Member, Council of the American Political Science Association, 2003-04
Chair, Rules Committee of American Political Science Association, 2003-04
Vice-President, American Political Science Association, 2004-05
Associate of the Council for a Community of Democracies, 2005-
President, American Political Science Association, 2006-07
Member, Strengthening America’s Future Initiative, Center for the Study of the Presidency, 2008-09
Member, Brookings Project on the Future of Cybersecurity and US-China Relations, 2010-12
Senior Fellow, Artis International, 2012-
Research Fellow, Center for the Study of Irreconcilable Conflicts, Oxford University, 2016-
Chair, National Academy of Sciences selection committee for the Award Behavioral or Cognitive Research Relevant to the Prevention of Nuclear War
Delegate of the International Academy of Sciences (US) to the International Science Council, Paris, 2018.
Reviewer for journals in political science, sociology, economics and biology, and for NSF and university presses.

BOOKS AND MONOGRAPH

Conflict of Interest: A Theory of Divergent Goals with Applications to Politics (Chicago: Markham, 1970).

Framework for a General theory of Cognition and Choice (Berkeley: University of California, 1972).

Structure of Decision (Princeton, NJ: Princeton University Press, 1976) Edited, with six chapters and two appendices authored.

The Evolution of Cooperation (New York: Basic Books, 1984).

Published in the United Kingdom: The Evolution of Co-operation (Harmondsworth: Penguin, 1990).

New Edition (New York: Basic Books, 2006), with a forward by Richard Dawkins.

Translations:

Italian: Giochi di Reciprocita (Milan: Feltrinelli, 1985).

Spanish: La Evolucion de la Cooperacion (Madrid: Alianza Universidad, 1986).

Also: La Complejidad de la Cooperacion (Buenos Aires, Argentina: Fonde Culture Economica) 2004.

German: (Munich: OldenbourgVerlag, 1987)

Swedish: Fran Konflikt till Samverkan: Varfor Egoister Samarbetar (Stockholm: Studieforbundet Naringslivochoch Samhalle, 1987).

Japanese (Tokyo: CBS Publishing, 1987; and Tokyo: Tuttle-More, 1998).

Dutch (Amsterdam: Uitgeveriji, 1990).

French: Donnant Donnant (Paris: Editions Odile Jacob, 1992).

Republished as Comment Reussir Dans Un Monde D'Egoistes (Paris: Editions Odile Jacob, 1996).

Chinese (Shanghai: Shanghai Peoples Publishing House, 1996), with a new forward by the author.

Greek (Athens: Kastaniotis Editions, 1998).

Korean (Seoul: Marubol, 2009).

Arabic (Amman: DarAlAhlia, 2013).

Excerpts:

Dialogue (publication of USIA) 69 (No. 3, 1985), pp. 21-25.

Anatoly Gromyko and Martin Helkman (eds.) Breakthrough: Emerging New Thinking (NY: Walker and Company, 1988), pp.185-192. Simultaneously published in Russian by Progress Publishing Company, Moscow.

Paul Smoker, Ruth Davies and Barbara Munske (eds.) A Reader in Peace Studies (Oxford: Pergamon Press, 1990).

Connie Barlow (ed.), From Gaia to Selfish Genes, Selected Writings in the Life Sciences (Cambridge, MA: M.I.T. Press, 1991)

Peter Singer (ed.), Ethics (Oxford and NY: Oxford University Press, 1994), pp. 88-92.

Peace and the Sciences (September 1995).

Robert Ellickson, Carol Rose and Bruce Ackerman (eds.) Foundations of Property Law, 3d ed. (New York: Aspen Law and Business, 2002), pp. 261-270.

Max. H. Bazerman (ed.), Negotiation Decision Making and Conflict Management, Vol. III. (Aldershot, UK: Edward Elgar Publishers, 2005), pp. 39-68.

Arguing About Political Psychology, Matt Zwolinski, (ed.), (Routledge: New York, 2009 Chapter 3. (Chapter 1 is by Hobbes, Chapter 2 is by Locke).

Sighard Neckel, et al. (eds.) Sternstunden der Soziologie Wegweisende Theoriemodelle des soziologischen Denkens Great Moments in Sociology: Pioneering Theory Models of Sociological Thought (Frankfurt am Main/New York: Campus-Verlag, 2010)

Perspectives on Deterrence (New York: Oxford, 1989). Two chapters written and coedited with Paul C. Stern, Robert Jervis and Roy Radner.

The Complexity of Cooperation: Agent-Based Models of Competition and Collaboration (Princeton, NJ; Princeton University Press, 1997).

Translations:

Japanese (Tokyo: Diamon Sha, 2003) with a new forward by the author.
Spanish (Buenos Aires: Fonde de Culture Economica, Buenos Aires, 2004).
Chinese (Taipei: Locus Pub Co., 2010).
Korean (Seoul: Hahnehak, forthcoming).
South Asia edition (New Delhi, India: New Age International Publishers, forthcoming).
Chinese, simplified characters (Shanghai, Shanghai Peoples Publishing House, 2017).

Harnessing Complexity: Organizational Implications of a Scientific Frontier, with Michael D. Cohen (NY: Free Press, 2000). Paperback edition (NY: Basic Books, 2001).

Excerpts in CIO Magazine, June 1, 2000, pp. 156-63.

Translations:

French as Reussir Dans un Monde Complexe (Paris: Editions Odile Jacob, 2001).
Japanese (Tokyo: Diamond Sha, 2003), with a new forward by the authors.
Dutch (Pearson Education Uitgeverij bv., forthcoming).

Interdisciplinarity: Its Role in a Discipline-based Academy, by John Aldrich in collaboration with Axelrod and six others (Oxford University Press, 2015).

ARTICLES AND CONTRIBUTIONS

“The Structure of Public Opinion on Policy Issues,” Public Opinion Quarterly, 31 (Spring 1967) pp. 363-371.

Reprinted in Calvin Larson and Philo Wasburn (eds.), Power, Participation and Ideology (New York: McKay, 1969) pp. 363-371.

“Conflict of Interest: An Axiomatic Approach,” Journal of Conflict Resolution, 11 (1967) pp.87-99.

“Bureaucratic Decision Making in the Military Assistant Program: Some Empirical Findings,” RAND Corporation, October 1968, RM-5528-PR/ISA.

Reprinted in Morton Halperin and Arnold Kanter (eds.), American Foreign Policy: A Bureaucratic Perspective (Boston: Little Brown, 1973) pp. 11-20.

“Where the Votes Come From: An Analysis of Electoral Coalitions, 1952-1968,” American Political Science Review, 66 (March 1972) pp.11-20.

Reprinted:

Charles M. Rehmus, Doris B. McLaughlin and Frederick H. Nesbit (eds.), Labor and American Politics (Ann Arbor: University of Michigan Press, 1978) revised edition.

- Jeff Fishel (ed.) Parties and Elections in an Anti-Party Age, Bloomington: Indiana University Press, 1978) pp. 86-99.
- James I. Lingleand, Byron Shafer (eds.), Presidential Politics: Readings on Nominations and Elections (New York: St. Martins Press, 1980).
- Dan Nimmo and William L. Rivers (eds.), Watching American Politics (New York: Longman, 1981).
- David Arter (ed.), The International Library of Comparative Government (Hampshire, UK: Dartmouth Publishing, 1996).

For updates of this article see American Political Science Review:

1972 election: (June 1974) pp. 717-720.

1976 election: (June 1978) pp. 622-624 and (September, 1978) pp. 1010-1011.

1980 election: (June 1982) pp. 393-396.

1984 election: (March 1986) pp. 281-284.

“Psycho-Algebra: A Mathematical Theory of Cognition and Choice with an Application to the British Eastern Committee in 1918,” Papers of the Peace Research Society (International), 19 (1972) pp. 113-131.

“Schema Theory: An Information Processing model of Perception and Cognition,” American Political Science Review, 67 (December 1973) pp.1248-1266

“A Coalition Theory Based on Conflict of Interest,” in William M. Evan (ed.) Inter-Organizational Relations (Harmondsworth, England: Penguin, 1976). Adapted from Chapter 8 of Conflict of Interest

“Assessing Learning Gains in Political Science,” Teaching Political Science, 3 (April 1976) p. 263-280.

“How a Schema is Used to Interpret Information,” in G. Matthew Bonham and Michael J. Shapiro (eds.), Thought and Action in Foreign Policy (Basel: Berkhauser Verlag, 1977) pp. 226-241.

“The Place of Public Policy in Political Science: The Medical Metaphor,” American Journal of Political Science, 21 (December 1977) pp. 727-756.

“Argumentation in Foreign Policy Settings: Britain in 1918, Munich in 1938, and Japan in 1970,” Journal of Conflict Resolution, 21 (December 1977) pp. 727-756.

Reprinted in I. William Zartmen (ed.), The Negotiation Process: Theories and Applications (Beverly Hills: Sage, 1978) pp. 175-192.

“The Rational Timing of Surprise.” World Politics, 31 (January 1979) pp. 228-246.

“Coping with Deception,” in Steven Brams, Andrew Schotter and Gerhard Schwodianer (eds.), Applied Game Theory (Beverly Hills: Sage, 1978) pp. 175-192.

“Effective Choice in the Prisoner’s Dilemma,” Journal of Conflict Resolution, 24 (March, 1980) pp. 3-25.

- “More Effective Choice in the Prisoner’s Dilemma,” Journal of Conflict Resolution, 24 (September 1980) pp. 379-403.
- “The Soviet Press on Soviet Foreign Policy: A Usually Reliable Source,” with William Zimmerman, British Journal of Political Science, 11 (April 1981), pp. 183-200.
- “The Evolution of Cooperation” (with William Hamilton), Science, 211, (27 March 1981) pp. 1390-96.
- Reprinted in John Maynard Smith (ed.), Evolution Now (London: MacMillan, 1982) pp. 209-223.
- Reprinted in Peter Abell (ed.), Rational Choice Theory (Cambridge: Elgar Reference Collection, 1991).
- Reprinted in Eric Rasmusen (ed.), Readings in Games and Information (Malden, MA and Oxford, U.K.: Blackwell, 2001).
- “Emergence of Cooperation Among Egoists,” American Political Science Review, 75 (June 1981), pp. 306-18.
- Reprinted in Richard Campbell and Lanning Sowden (eds.), The Prisoner’s Dilemma and Newcomb’s Problem, (Vancouver: University of British Columbia Press, 1985).
- Reprinted in Paul K. Moser, (ed.), Rationality in Action: Contemporary Approaches (Cambridge, U.K.: Cambridge University Press, 1990), pp. 294-314.
- “The ‘Lessons’ of Vietnam and Soviet Foreign Policy,” with William Zimmerman, World Politics, 34 (October 1981), pp. 1-24.
- Contributor to Energy Use: The Human Dimension, Paul Stern and Elliot Aronson (eds.), (New York: Freeman, 1984).
- “Coping with Complexity: The Adaptive Value of Changing Utility” (with Michael D. Cohen) American Economic Review, 74 (March 1984), pp. 30-42.
- “Tips for an Academic Job Talk,” PS, 28 (Summer 1985), pp. 612-13.
- “Achieving Cooperation Under Anarchy: Strategies and Institutions,” with Robert O. Keohane, World Politics, 38 (October 1985), pp. 226-54.
- Reprinted in Kenneth A. Oye (ed.), Cooperation Under Anarchy (Princeton, NJ: Princeton University Press, 1985), pp. 226-254.
- Excerpts reprinted in Peter A. Toma and Robert F. Gorman, International Relations: Understand Global Issues (Pacific Grove, CA: Brooks/Cole, 1991)
- Reprinted in David A. Baldwin (ed.), Neorealism and Neoliberalism, the Contemporary Debate (NY: Columbia University Press, 1993).
- Reprinted in Walter Carlsnaes and Stefano Guzzini (eds.), Foreign Policy Analyses (New York: Sage, 2011).
- Reprinted in Rainer Baumann, Peter Mayer and Bernhard Zangl (eds), International Relations: The Great Debates, vol. 1 (Cheltenham, UK: Elgar, 2011) pp. 303-31.
- To be reprinted in Karen Mingst et al. (eds.) Essential Readings in World Politics 7th Ed. Forthcoming June 2019.

- “How Should the U.S. Respond to Other Countries’ Trade Policies: Comments on a Paper by Avinash Dixit,” in Robert Stern (ed.), U.S. Trade Policies in a Changing World Economy (Cambridge, MA: M.I.T. Press, 1987), pp. 283-86.
- “An Evolutionary Approach to Norms,” American Political Science Review, 80 (December 1986), pp. 1095-1111.
- Translated into German and reprinted in Ulrich Mueller (ed.), Evolution und Spieltheorie (Munich: R. Oldenburg, 1990).
- Reprinted in Geoffrey Hodgson (ed.), The Economic Institutions (Cheltenham, UK: Edward Elgar Publishing), 1993.
- “Laws of Life: How Standards of Behavior Evolve,” The Sciences, 27 (March/April 1987) pp. 44-51.
- “The Evolution of Strategies in the Iterated Prisoner’s Dilemma,” in Lawrence Davis (ed.), Genetic Algorithms and Simulated Annealing, (London: Pitman, and Los Altos, CA: Morgan Kaufman, 1987), pp. 32-41.
- Reprinted in revised form in Cristina Bicchieri, Richard Jeffrey, and Brian Skyrms (eds.), The Dynamics of Norms (Cambridge University Press, 1997), pp. 1-16.
- “Comment on V.S.E. Fagler’s review of The Evolution of Cooperation,” Journal of Social and Biological Sciences, 10 (1987), p. 265.
- “Beyond Moral Calculus – Reply,” The Sciences, 27 (September/October 1987), pp. 15-16.
- ”Research Note: Bibliography on the Evolution of Cooperation,” with Douglas Dion, Journal of Conflict Resolution, 32 (September 1988), p. 583.
- “The Further Evolution of Cooperation,” with Douglas Dion, Science, 242 (9 December 1988) pp. 1385-1390.
- Reprinted in Elias L. Khalil (ed.), Trust (Aldershot, UK: Edward Elgar Publishers. 2003) pp. 12-17.
- “Sexual Reproduction as an Adaptation to Resist Parasites,” with William Hamilton and Reiko Tanese, Proceedings of the National Academy of Sciences, 87 (May 1990), pp. 3566-3573.
- “The Concept of Stability in the Context of Conventional War in Europe,” Journal of Peace Research, 27 (August 1990), pp. 247-254.
- “Building a Strong Legislature: The Western Experience,” USA: Economics, Politics, Ideology, 1991, number 2, pp. 40-45 (in Russian).
- Reprinted in English in PS: Political Sciences and Politics, 24 (1991), pp. 474-478
- Contributor to The U.S.-Soviet Nuclear Relationship, National Academy of Sciences Committee on International Security and Arm Control (Washington, D.C.: National Academy Press, 1991).

- “Some National Security Requirements for the 1990s: Response to Richard N. Perle,” Gerald R. Ford Colloquium Proceedings, (Ann Arbor: Gerald R. Ford Library), 1992.
- “Citation Classic: How to Promote Cooperation,” Current Contents, Social and Behavioral Sciences, 24, November 2, 1992, p. 10.
- “A Landscape Theory of Aggregation” with D. Scott Bennett, British Journal of Political Science, 28 (April 1993), pp. 211-33.
- “Response to Galam’s Comment” with D. Scott Bennett, British Journal of Political Science, 28, (April 1998), pp. 412-414.
- “Cooperation, The Evolution of,” with Geoffrey Hodgson in Geoffrey M. Hodgson, Warren J. Samuels, and Marc R. Tool (eds.) The Elgar Companion to Institutional and Evolutionary Economics (Aldershot, UK: Edward Elgar Publishers, 1994), pp. 8085.
- “A Model of the Emergence of New Political Actors” in Nigel Gilbert and Rosaria Conte (eds.), Artificial Societies: The Computer Simulation of Social Life (London: University College Press, 1995), pp. 19-39.
- Reprinted in Eva Hillebrand and Joachim Stender (eds.), Many Agent Simulation and Artificial Life (Amsterdam: IOS Press, 1994), pp. 200-217.
- “How to Cope with Noise in the Iterated Prisoner’s Dilemma,” with Jianzhong Wu, Journal of Conflict Resolution, 39 (March 1995), pp. 183-189.
- “Announcement for Bibliography on the Evolution of Cooperation,” with Lisa D’Ambrosio, Journal of Conflict Resolution, 39 (March 1995), p. 190.
- “Coalition Formation in Standard-Setting Alliances,” with Will Mitchell, Robert E. Thomas, D. Scott Bennett, and Erhard Bruderer, Management Science, 41 (September 1995), pp. 1493-1508.
- “Aligning Simulation Models: A Case Study and Results,” with Robert Axtell, Joshua Epstein, and Michael D. Cohen, Computational and Mathematical Organization Theory, 1 (1996), pp. 123-141.
- “The Dissemination of Culture: A Model with Local Convergence and Global Polarization, Journal of Conflict Resolution, 41 (April 1997), pp. 203-26.
- “Advancing the Art of Simulation in the Social Sciences,” in Rosaria Conte, Rainer Hegselmann and Pietro Terna (eds.), Simulating Social Phenomena. (Berlin: Springer 1997), pp. 21-40.
- Reprinted in Complexity, 3 (November 1997), pp. 16-22.
- Updated version in The Journal of the Japan Society for Management Information, Special Issue: Agent-Based Modeling, Vol. 12, No. 3, Dec. 2003.
- Excerpts reprinted in Complexity in World Politics, Neil E. Harrison (ed.), Albany, NY: SUNY Press, 2006, pp. 137-142.
- Further updated version in Handbook of Research on Nature Inspired Computing for Economics and Management, Jean Phillip Rennard (ed.), Hersey, PA: Idea Group, 2007, pp. 90-100.

- “Response to Binmore,” Complexity, 3 (March 1998), pp. 5-6.
- “Complexity and Adaptation in Community Information Systems: Implications for Design” with Michael D. Cohen, in Toru Ishida (ed.), Community Computing and Support Systems (Berlin: Springer Verlag, 1998), pp. 16-42.
- “On Six Advances in Cooperation Theory,” Analyse & Kritik, 22 (July 2000), pp. 130-151.
- “The Role of Social Structure in the Maintenance of Cooperative Regimes,” with Michael D. Cohen and Rick L. Riolo, Rationality and Society, 13 (2001), pp. 5-32.
- “Tit for Tat Strategies,” in R.J. Barry (ed.), Routledge Encyclopedia of International Political Economy (London: Routledge, 2001).
- “Evolution of Cooperation without Reciprocity” with Rick L. Riolo and Michael D. Cohen, Nature, 414 (22 November 2001), pp. 441-443.
- “Behavioral Evolution – Does Similarity Breed Cooperation? Reply to Roberts and Sherratt” with Rick L. Riolo and Michael D. Cohen, Nature, 418 (1 August 2002), pp. 500.
- “Beyond Geography: Cooperation with Persistent Links in the Absence of Clustered Neighborhood,” with Rick Riolo and Michael D. Cohen, Personality and Social Psychology Review, 6 (2002), pp. 49-51.
- “Must there be Human Genes Specific to Prosocial Behavior? Reply to an article by Joseph Henrich,” with Michael D. Cohen and Rick Riolo, Journal of Economic Behavior and Organization, 53 (2004), pp. 49-51.
- “The Theoretical Foundations of Partnerships for Economic Development,” in Andres Liebenhal, Osvaldo N. Feinstein, and Gregory K. Ingram (eds.), Evaluation and Development: The Partnership Dimension (New Brunswick and London: Transaction Publishers), 2004, pp. 9-20.
- “Altruism Via Kin-Selection Strategies That Rely on Arbitrary Tags with Which They Coevolve,” with Ross Hammond and Alan Grafen, Evolution, 58 (2004), pp. 1833-38.
- “Tags, Interaction Patterns, and the Evolution of Cooperation,” with Michael D. Cohen and Rick Riolo, in Lashon Booker, Stephanie Forrest, Melanie Mitchell, and Rick Riolo (eds.), Perspectives on Adaption in Natural and Artificial Systems (New York: Oxford University Press), 2005, pp. 239-252.
- “Promoting Democracy through International Organizations,” in Ernesto Zedillo (ed.), Reforming the United Nations for Peace and Security (New Haven: Yale Center for the Study of Globalization), 2005, pp. 19-38.
- “Evolution of Contingent Altruism When Cooperation is Expensive,” with Ross A. Hammond, Theoretical Population Biology 69 (2006), pp.333-338.

- “Agent-Based Modeling as a Bridge Between Disciplines,” in Leigh Tesfatsion and Kenneth Judd (eds.), Handbook of Computational Economics, Vol. 2: Agent-Based Computational Economics (New York: North-Holland), 2006, pp. 1565-84.
- “Guide for Newcomers to Agent-Based Modeling in the Social Sciences,” With Leigh Tesfatsion and Kenneth Judd (eds.), Handbook of Computational Economics, Vol. 2: Agent-Based Computational Economics (New York: North-Holland), 2006, pp. 1647-59. The continually updated web-based version of this Guide is averaging over 10,000 hits per year.
- “Forward” in Marcos Katz and Frank Fitzek (eds.), Cooperation in Wireless Networks: Principles and Applications, Berlin: Springer, 2006, pp. xliii-xliv.
- “Evolution of Cooperation Among Tumor Cells,” with David E. Axelrod and Kenneth J. Pienta, Proceedings of the National Academy of Sciences, 103 (no. 36, September 5, 2006), pp. 13474-13479.
- “Evolution of Ethnocentrism,” with Ross A. Hammond, Journal of Conflict Resolution, 50 (December 2006), pp. 926-936.
- “Sacred Barriers to Conflict Resolution,” with Scott Atran and Richard Davis, Science, 317 (24 August 2007), pp. 1039-40.
- “Political Science and Beyond: Presidential Address to the American Political Science Association,” Perspectives on Politics, 6 (March 2008), pp. 3-9.
- Reprinted in John H. Aldrich, Interdisciplinarity: Its Role in a Discipline-based Academy (New York, NY: Oxford University Press, 2014), pp. 27-38.
- “Reframing Sacred Values,” with Scott Atran, Negotiation Journal, (July 2008), pp. 221-46.
- “Ecological Therapy for Cancer: Defining Tumors Using an Ecosystem Paradigm Suggests New Opportunities for Novel Cancer Treatments” with Kenneth J. Pienta, Natalie McGregor and David E. Axelrod, Translational Oncology, 1 (no. 4, December 2008), pp. 158-164.
- “Report of Interview with Ramadan Shallah [leader of Palestinian Islamic Jihad],” with Scott Atran, Perspectives on Terrorism, May 2010, 2 (no.2) pp. 3-9.
- “Governing the Cyber Commons,” 2010, Perspectives on Politics, June 2010, 8 (no. 2) pp. 580-582.
- “Why We talk to Terrorists,” with Scott Atran, New York Times, Op-ed, June 2010, p. A31
- “The Science of the Sacred: Response to Professor Kamolnick,” with Scott Atran, Perspectives on Terrorism, July 2010, 4 (no.3), pp. 54-57.
- “Launching the Evolution of Cooperation,” Journal of Theoretical Biology, April 2012, 299, pp. 21-24.
- “How Political Science Can Enrich Other Disciplines,” Scandinavian Political Studies, March 2014, vol. 37, no. 1, pp. 82-93.

- “A Repertory of Cyber Analogies,” in Emily O. Goldman and John Arquilla (eds.), Cyber Analogies (Monterey, CA: Dept. of Defense Information Operations Center for Research, 2014).
- “Timing of Cyber Conflict,” with Rumen Iliev, Proceedings of National Academy of Sciences, January 28, 2014, vol. 111, no. 4, pp. 1298-1303.
- “Does Causality Matter More Now? Increase in the Proportion of Causal Language in English Texts,” with Rumen Iliev, Psychological Science, 27 no. 5 (2016), pp. 635-43.
- “The Paradox of Abstraction: Precision Versus Concreteness,” with Rumen Iliev, Journal of Psycholinguistic Research (2016): 1-15
- “Linguistic Positivity in Historical Texts Reflects Dynamic Environmental and Psychological Factors,” with Rumen Iliev, Joe Hoover, and Morteza Dehghani, Proceedings of the National Academy of Sciences, 113 no. 49 (6 December 2016), pp. E7871-E7879.
- “How Historical Analogies in Newspapers of Five Countries Make Sense of Major Events: 9/11, Mumbai and Tahrir Square” with Larissa Forster, Research in Economics, 71 (2017), pp. 8-19.
- “Challenges to Researching Terrorism in the Field,” with Scott Atran, Richard Davis, and Baruch Fischhoff, Science, 355 (27 January 2017), 352-54.
- “Strategic Aspects of Cyber Attack, Attribution and Blame,” with Benjamin Edwards, Alexander Furnas, and Stephanie Forrest, Proceedings of the National Academy of Sciences 114 (March 14, 2017), 2825-30.
- "Cancer as a Social Dysfunction: Why Cancer Research Needs New Thinking," with Kenneth Pienta, Molecular Cancer Research, Issue 12, June 2018.
- "How to De-Escalate a Cyber Conflict," Journal of Military Cyber Affairs, forthcoming.
- "Role of Heterogeneous Environment and Docetaxel Gradient in the Emergence of Polyploid, Mesenchymal, and Resistant Prostate Cancer Cells, with Ke-Chih Lin, Gonzalo Torga, Yusha Sun, Kenneth J. Pienta, James Sturm, and Robert H. Austin. Clinical and Experimental Metastasis, 2019. Vol 36(2), 97-108.
- "Poly-aneuploid cancer cells enable evolving evolvability in the cancer clade, resulting in lethal cancer," with Kenneth J. Pienta, Emma U. Hammarlund, Joel S. Brown and Sarah R. Amend, Evolutionary Applications, 2020.
- “Convergent evolution, evolving evolvability, and the origins of lethal cancer,” with Kenneth J. Pienta, Emma U. Hammarlund, Joel S. Brown, and Sarah R. Amend, Molecular Cancer Research, 2020.
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