

CURRICULUM VITAE

ROY J. GARDNER
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Date of Birth: 21 May 1947 Citizenship: U.S.A.

Degrees:

- (1968) B.S. summa cum laude, Bradley University
- (1973) M.A. Cornell University
- (1975) Ph.D., Cornell University
Thesis "Studies in the Theory of Social Institutions," H.Y. Wan, Jr., Chairman.

Fields: Game Theory, Experimental Games, Public Choice, Economics of Europe.

Publications:

- (1975) Financial Conditions and the Time Path of Equipment Expenditures. Review of Economics and Statistics 57, 164-170 (with R. W. Sheldon).
- (1976) Some Finite Sample Properties of Spectral Estimators of a Linear Regression. Econometrica 44, 149-165 (with R.F. Engle).
- (1977) The Borda Game. Public Choice 30,43-50.

Core and Value for a Public Goods Economy: An Example. Journal of Economic Theory 15, 363-365 (with R. J. Aumann and R. Rosenthal).

Comment on Axiomatic Utility. Journal of Economics 3, 67.

Shapley Value and Disadvantageous Monopolies. Journal of Economic Theory 16, 513-517.
- (1979) The Arrow-Lind Theorem in a Continuum Economy. American Economic Review 69, 420-422.
- (1980) The Strategic Inconsistency of Paretian Liberalism. Public Choice 35, 241-252.

Liberal Paradox, Game Equilibrium, Gibbard Optimum. Public Choice 35, 469-481 (with F. Breyer).
- (1981) Repressed Inflation in the Soviet Union: A Temporary Equilibrium Approach. European Economic Review 16, 387-404 (with J. Strauss)

Publications: (continued)

The Borda Game: A Correction. Public Choice 37, 375-376.

Wealth and Power in a Collegial Polity. Journal of Economic Theory 25, 353-366.

- (1983) λ -Transfer Value and Fixed Price Equilibrium in 2-sided Markets, in Social Choice and Welfare (P. K. Pattanaik, ed.) North-Holland: New York, 301-323.

Variation of the Electorate: Veto and Purge. Public Choice 40, 237-247.

- (1984) Power and Taxes in a One-Party State: the USSR, 1925-1929. International Economic Review 25, 743-755.

- (1985) Rationing, Bargaining, and Voting in 2-sided Markets. Social Choice and Welfare 2, 39-48.

The Agricultural Lending Decision: A Multiattribute Analysis. American Journal of Agricultural Economics, 67, 513-520. (With R. Stover and R. Teas)

- (1987) Systems Theory in Mathematical Economics, in Systems Economics (K. Fox, ed.) Iowa State University Press: Ames, 50-66.

Conditional Evolutionarily Stable Strategies. Animal Behavior 35, 507-517 (with M. Morris and C. Nelson).

A Theory of Spoils Systems. Public Choice, 54, 171-185.

Values of Voting Games, in Dynamic Modelling and Control of National Economies, (B. Martos et al., ed.) Pergamon Press: London, 405-407.

- (1989) The Evolution of Bluffing in Animal Contests. Journal of Theoretical Biology 137, 235-243. (with M. Morris)

- (1990) L. V. Kantorovich: the Price Implications of Optimal Planning. Journal of Economic Literature 28, 638-648.

The Nature of Common Pool Resource Problems. Rationality and Society 2, 335-358. (with E. Ostrom and J. Walker)

Rent Dissipation in Limited Access Common Pool Resource Environments: Experimental Evidence. Journal of Environmental Economics and Management 19, 203-211.

- (1991) Rules and Games. Public Choice, 70, 121-149. (with E. Ostrom)

The Evolutionary Stability of Bluffing in a Class of Extensive Form Games, in Game Equilibrium Models I: Evolution and Game Dynamics (R. Selten, ed.) Springer-Verlag, 182-194. (with M. Morris)

Rent Dissipation and Balanced Deviation Disequilibrium in Common Pool Resources: Experimental Evidence, in Game Equilibrium Models II: Methods, Morals, and Markets (R. Selten, ed.) Springer-Verlag, 337-367. (with E. Ostrom and J. Walker)

Publications: (continued)

Resisting the Draft: A Perfect Equilibrium Approach, in Game Equilibrium Models IV: Social and Political Interaction (R. Selten, ed.) Springer-Verlag, 88-102.

Modelling Alliance Formation: a Noncooperative Approach, in Game Equilibrium Models IV: Social and Political Interaction (R. Selten, ed.) Springer-Verlag, 210-228. (with W. Güth)

Strategic Realignment in Central Europe. InterCom, 2, 7-8.

(1992) Covenants With and Without a Sword: Self Governance is Possible. American Political Science Review, 86, 404-416. (With E. Ostrom and J. Walker)

Probabilistic Destruction of Common-Pool Resources: Experimental Evidence. Economic Journal, 102, 1149-1161. (with J. Walker)

(1993) Rules, Games, and Common-Pool Resources. University of Michigan Press. (with E. Ostrom and J. Walker)

Coping with Asymmetries in the Commons: A Challenge for Development. Journal of Economic Perspectives, 7, 93-112. (with E. Ostrom)

(1994) Social Capital and Cooperation. in Social Dilemmas and Cooperation. (U. Schultz, W. Albers and U. Mueller, eds.) Springer Verlag, 375-411. (with E. Ostrom and J. Walker)

(1995) Games for Business and Economics. John Wiley & Sons. (fifth printing)

Juegos para Impresarios y Economistas (Antoni Bosch, Barcelona)

(1996) Sequencing and the Size of the Budget, in Understanding Strategic Interaction: Essays in Honor of Reinhard Selten (W. Albers et.al., eds) Springer-Verlag, 464-474. (with J. von Hagen)

Theory, Field, and Laboratory: the Continuing Dialogue, in Understanding Strategic Interaction: Essays in Honor of Reinhard Selten (W. Albers et.al., eds) Springer-Verlag, 386-393. (with E. Ostrom and J. Walker)

(1997) Governing a Groundwater Commons: a Strategic and Laboratory Analysis of Western Water Law. Economic Inquiry. 35,217-234. (with M. Moore and J. Walker)

Appropriation Externalities in the Commons: Repetition, Time Dependence, and Group Size. Games and Economic Behavior 19, 77-96 (with A. Herr and J. Walker)

(1998)

Groundwater Institutions: Models and Experiments. in Designing Institutions for Social and Environmental Management. (E. Loehman and D.M. Kilgour, eds.) Edgar Elgar, 321-338 (with M. Moore and J. Walker)

The Role of Information in RTC Auctions of Failed Thrifts. Journal of Financial Services Research 14, 208-221. (with R. Stover)

(1999) Strategic Behavior of Experienced Subjects in a Common Pool Resource Game. International Journal of Game Theory 28, 241-252. (with C. Keser)

(2000) Voting on Allocation Rules in the Commons: Theoretical Issues and Experimental Results. Economic Journal, 110, 212-234. (with A. Herr, E. Ostrom, and J. Walker)

The Power and Limitations of Proportional Cutbacks in Common-Pool Resources. Journal of Economic Development, 62, 515-533. (with A. Herr, E. Ostrom, and J. Walker)

(2001) The Marshall Plan After Fifty Years: Three What-ifs and One When. in The Marshall Plan Fifty Years Later (M. Schain, ed). Palgrave, 119-129.

The Enlargement. in The Economics of the European Union (M. Artis and R. Nixon, eds). Oxford University Press, 81-96.

(2002) Corruption: Top-Down or Bottom-Up? Economic Inquiry 40, 688-703. (with T. Verdier and C. Waller).

Incentives in Strategic Interactions Involving an International Development Cooperation Agency. In Aid, Incentives, and Sustainability (E. Ostrom et al, eds). Elanders Novum, 301-329. (With C. Waller)

(2003) Games for Business and Economics. Wiley, edition 2.

(2004) The Origins of Territoriality: The Case of the Maine Lobster Industry. The American Anthropologist, 106, 296-307. (with J. Acheson)

(2005) Spatial Strategies and Territoriality in the Maine Lobster Fishery. Rationality and Society, 17, 309-341. (with J. Acheson)

A Formal Analysis of Incentives in Strategic Interactions Involving an International Development Cooperation Agency. In The Samaritan's Dilemma: The Political Economy of Development Aid (C. Gibson et al, eds). Oxford University Press, 87-111. (with C. Waller)

Dollarization in the CIS: the Case of Ukraine. Magisterium 18, 4-13. (with E.Curtis and C. Waller)

(2006) The Economics of Europe. Blackwell: London. 360 pages.

Submitted:

“The Evolution of Aggression: When Losers Escalate.” revise and resubmit, Behavioral Ecology and Sociobiology. (with M. Morris)

“Budget Processes: Theory and Experimental Evidence.” Second revise and resubmit, Games and Economic Behavior. (With K-M Ehrhart, J. von Hagen, and C. Keser)

In Process:

“Tolling the Rhine in 1254: Complementary Monopoly Revisited.” (With N. Gaston and R. Masson). Presented at EEA Meetings (Stockholm, August 2003)

“Evolution of Rules in Two Fisheries.” NSF Collaborative Research Proposal #0514178, to be revised. (with J. Acheson)

Experience:

(1975-79) Assistant Professor of Economics, Iowa State University

(1979-80) Visiting Research Scientist, CEPREMAP, Paris

(1980-81) Associate Professor of Managerial Economics and Decision Sciences, Northwestern University

(1979-83) Associate Professor of Economics, Iowa State University

(1983-96) Professor of Economics, Indiana University

(1996-) Chancellor's Professor of Economics and of West European Studies, Indiana University

(1986-) Honors Director, Economics; Honors Division Core Faculty, Indiana University

- (1990-92) Director of Graduate Studies, Economics, Indiana University
- (1986-) Faculty Associate, Workshop in Political Theory and Policy Analysis
- (1985-86) Alexander von Humboldt Fellow, Economic Theory I, University of Bonn
- (1987-88) Research Scientist, ZIF, University of Bielefeld
- (1991) Summer Workshop in Mathematical Economics, University of Bonn
- (1991-95) Cooperating Scientist, Economic Research Service, USDA
- (1993-96) Research Scientist, University of Mannheim
- (1993) Research Scientist, CREED, University of Amsterdam
- (1993) Research Scientist, University of Bonn
- (1995-96) Professor of West European Studies, Indiana University
- (1996-2001) Chancellor's Professor of West European Studies, Indiana University
- (1996) Visiting Fellow, Institute for Advanced Studies, Vienna
- (1997-99) Visiting Fellow, Center for European Integration Studies, Bonn
- (1999-) Senior Research Fellow, Center for European Integration Studies, Bonn
- (1998-) Consultant, EERC, National University "Kyiv-Mohyla Academy," Kyiv
- (2002-) Academic Director, EERC, National University "Kyiv-Mohyla Academy," Kyiv
- (1998-99) Acting Director, Russian and East European Institute, Indiana University
- (2002-) Visiting Professor of Economics, Stanford University
- (2005-) Henry H. H. Remak Professor of West European Studies, Indiana University

Honors and Awards:

- (1965) Latin Champion, Illinois High School Association
National Merit Scholarship
- (1968) Phi Kappa Phi, Bradley University
Woodrow Wilson Fellowship
- (1970) Army Commendation Medal, US Army Europe
- (1971) Bronze Star, US Army Vietnam
Andrew D. White Fellowship, Cornell University
- (1972-75) National Science Foundation Fellowship
- (1976) Iowa State University Grant: Shapley Value and Disadvantageous Monopolies
- (1977) Duncan Black Award, Public Choice Society. Awarded to "The Borda Game"
- (1978) CORE Research Fellowship (first alternate)

- (1979) Iowa State University Grant: Repressed Inflation in the Soviet Union
Nominee, American Council of Learned Societies-Academy of Sciences USSR Exchange of Young Economists
- (1979-80) Exchange Scientist, US-France Scientific Exchange
- (1985-86) Alexander von Humboldt Foundation Fellowship
SFB 303, University of Bonn, Research Grant: NTU-Values of Voting Games
- (1987-89) National Science Foundation Grant: Towards an Institutional Theory of Collective Action
(with E. Ostrom and J. Walker)
- (1989-91) National Research Council, Panel on Social and Behavioral Sciences
- (1990-93) National Science Foundation Grant: The Role of Institutions in the Survival and Efficiency of Common-Pool Resources (with E. Ostrom and J. Walker)
- (1990-91) Indiana Center on Global Change and World Peace Grant: Strategic Realignment of Central Europe
- (1991-95) USDA Cooperative Agreement: The Role of Prices in the Survival and Efficiency of Common-Pool Resources
- (1992-94) Federal Trade Commission Grant: Cournot and Bertrand Merger (with C.P. Wellford)
- (1992-95) Alexander von Humboldt Foundation Grant: Game Theory in the Behavioral Sciences (with W. Guth and E. Ostrom)
- (1993) SFB 303, University of Bonn, Research Grant: Information in the Economy.[large team]
- (1994-99) National Science Foundation Grant: The Commons: Institutions, Heterogeneities, Time Dependencies, and Local/Global Nesting. (with E. Ostrom and J. Walker)
- (1996-2000) National Science Foundation Grant, "Mathematics Across the Curriculum." Steering Committee Member and Course Developer.
- (1996) Student Choice Award, Indiana University Student Alumni Foundation
- (1997-2001) SFB 504, University of Mannheim, Research Grant: Concepts of Rationality, Economic Modelling, and Behavior under Uncertainty. [large team]
- (2000-2001) Swedish Ministry of Foreign Affairs Grant: Incentives and Sustainable Development. [large team]
- (2003-2007) Associate Editor, European Economic Review
- (2004-2007) Editorial Council, Journal of Environmental Economics and Management

Book Reviews:

- (1977) Theory and Measurement of Economic Externalities, by Steven A.Y. Lin. Journal of Economics 3, 267-268.
- (1980) Strategy and Group Choice, by P.K. Pattanaik. Zentralblatt fur Mathematik 408, #90003.

- (1982) Mathematical-economic Methods and Models (Russian), by I.V. Romanovsky. Zentralblatt fur Mathematik 462, #90003.
- (1983) The Decision: Theory, Information, Modeling. (Russian), by E.I. Vilkas and E.Z. Maiminas. Zentralblatt fur Mathematik.
- Game Theory (2nd Ed.), by G. Owen. Journal of the American Statistical Association.
- Game-Theoretic Models of Decision Making in Ecological-economic Systems (Russian) by V.A. Gorelik and A.F. Kononenko. Zentralblatt fur Mathematik.
- Game Theory in the Social Sciences, by Martin Shubik. Mathematical Reviews.
- (1985) Games, Theory and Applications, by L.C. Thomas. Mathematical Reviews.
- A Game-Theoretic Approach to Political Germany, by Martin Shubik. Mathematical Reviews.
- (1986) Equilibrium Models with Opposed Interests of the Participants (Russian), by E. R. Smolyakov. Mathematical Reviews.
- (1988) The Economics of Rights, Co-operation and Welfare, by R. Sugden, Journal of Economic Literature, 26, 101-103.
- (1990) Theories of Competition, by Lester G. Telser. Mathematical Reviews.
- The Choice of Alternatives: Foundations of a Theory. (Russian) by M.A. Aizerman and F.T. Aleskerov. Zentralblatt fur Mathematik.
- (1991) Game Theory in International Economics, by John McMillan. Mathematical Reviews.
- A Course in Microeconomics, by D. Kreps. Journal of Economic Education, 22, 391-393.
- (1992) Multi-Objective Programming in the USSR, by E.R. Liebermann. Slavic Review.
- (1993) Balanced Silverman Games on General Discrete Sets, by G.A. Heuer and U. Leopold-Wildburger. Journal of Economics.
- (1995) Neorealism and Neoliberalism, ed. by David A. Baldwin. European Journal of Political Economy.
- (1996) Coordination and Rationality, by C. Bicchieri. Zentralblatt für Mathematik
- (1997) Learning to Become Rational, by M. Zenner. Zentralblatt für Mathematik
- Theory of Imperfectly Competitive Markets, by L. Corchon. Mathematical Reviews.
- (1999) Dynamic Preferences, Choice Mechanisms, and Welfare, by M. von Auer, Zentralblatt fur Mathematik
- The Dynamics of Norms, ed. by C. Bicchieri, R. Jeffrey, and B. Skyrms. Philosophy of Science.
- Taking Chances: Essays on Rational Choice, by J. H. Sobel. Philosophy of Science.
- Probability and Conditionals: Belief Revision and Rational Decision, ed. by E. Eells and B. Skyrms. Philosophy of Science.

- (2000) Nonparametric Comparative Statics and Stability, by D. Hale, G. Lady, J. Maybee, and J. Quirk.
Mathematical Reviews
- The Welfare State, Public Investment, and Growth, ed. by H. Shibata and T. Ihori. Zentralblatt fur Mathematik.
- (2001) The Political Economy of Water Pricing Reforms, ed. by A. Dinar. Journal of Economic Literature.
Mathematical Modelling of the Economy (in Russian), by A. Petrov, I. Pospelov, and A. Shananin.
Mathematical Reviews.
- (2002) Hidden Collective Factors in Speculative Trading: A Study in Analytical Economics, by B. M. Roehner. Zentralblatt fur Mathematik
- Poland into the New Millenium, ed. by G. Blazyca and R. Rapacki. Slavonica.
- (2003) Introduction to the Theory of Cooperative Games, by B. Peleg and P. Sudholter. Mathematical Reviews
- (2004) Theory of Regular Economics, by R. Nagata. Mathematical Reviews
- (2005) The Economic Prospects of the CIS, ed. by G. Ofer and R. Pomfret. Comparative Economic Studies
- Uncertainty in the Electric Power Industry: Methods and Models for Decision Support, by C. Weber.
Mathematical Reviews
- The Size of Nations, by A. Alessina and E. Spolaore. Comparative Economic Studies

Referee: Econometrica
Journal of Economic Theory
International Economic Review
Public Choice
Journal of Economics and Business
 West Publishing Co.
 National Science Foundation
 Kluwer-Nijhoff Publishing Co.
Zeitschrift für Nationalökonomie
 Social Sciences and Humanities Research Council of Canada
 D. C. Heath and Company
Social Choice and Welfare
International Journal of Industrial Organization
Journal of Public Economics
Journal of Business
Journal of Theoretical Politics
Games and Economic Behavior
Mathematical Social Sciences
Open Economics Review
 McGraw-Hill Publishing Co.

Journal of Economic Education
Mathematical Biosciences
Review

Journal of Industrial Economics
American Journal of Agricultural Economics
 Israel Science Foundation

Slavic

Journal of Environmental Economics and Management
Rand Journal of Economics
Journal of Economic Behavior and Organization
Journal of Political Economy
European Journal of Political Economy
Economic Journal
American Political Science Review
Journal of Theoretical Biology
Journal of Evolutionary Economics
Eastern Economic Journal
International Studies Quarterly
University of Michigan Press
European Journal of Political Economy
Journal of Environmental Development
Journal of Bioeconomics
Oxford University Press
Philosophy of Science
Indiana University Press
Prentice-Hall
Journal of Development Economics
Journal of International Money and Finance
Journal of Comparative Economics
Addison-Wesley
World Bank
Slavonica
Resources and Energy Economics
Journal of Law, Economics and Organization
University of Calgary Press

Teaching:

- (Undergraduate): Micro/Macro Principles, Money & Banking, Intermediate Micro/Macro, Industrial Organization, Game Theory, History of Economic Thought, Economics of Europe, Economic Policy Analysis, Economics of Post-Communist Transition
- (MBA): Managerial Economics, Advanced Microeconomics.
- (MA) Economics of Europe, Economics of Post-Communist Transition, Game Theory
- (Ph.D.): Microeconomic Theory, Mathematical Economics, Game Theory.

Professional Memberships:

American Economic Association
Econometric Society
European Economic Association
Association for Comparative Economic Studies
Society for Experimental Economics (German)
Association of Environmental and Resource Economics

Foreign Languages:

French, German, Greek (ancient), Hebrew, Latin, Russian