# Vita

#### ANDREW SCHOTTER

#### **CONTACT INFORMATION**

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#### PERSONAL INFORMATION

Date of Birth — June 6, 1947 Married — 2 children

#### **EDUCATION**

Ph.D. Economics, New York University, 1973 M.A. Economics, New York University, 1971 B.S. Cornell University, 1969

#### FIELDS OF INTEREST

Teaching Experimental Economics, Economic Theory (Micro, Advanced and Intermediate), and Game Theory.

Research Applications of Game Theory to Economics Experimental Economics, Micro-Economic, and Mathematical Theories of Economic and Social Institutions.

#### **ACADEMIC EXPERIENCE**

**Current Positions** 

- Professor of Economics, New York University.
- Director, Center for Experimental Social Science (C.E.S.S.), New York University.
- Research Professor, WZB Berlin
- Affiliated Professor, Center for Neural Science, New York University

#### **Previous Positions**

- Chair, Department of Economics, New York University, 1988-1993, 1996-1999.
- Co-Director, C.V. Starr Center for Applied Economics, New York University, 1983-1988.
- Associate Professor, New York University, 1980-1987.
- Assistant Professor, New York University, 1975-1979.
- Assistant Professor, Syracuse University, 1974.
- Associate Research Scientist, New York University, 1973-1974.

### Visiting Appointments

- Visiting Professor Columbia University, Spring 2014
- Visiting Professor, WZB Berlin, May 2014
- Visiting Professor, WZB Berlin, May 2013
- Visiting Professor, Nanjing University, May, 2012
- Visiting Professor, Laboratory of Experimental Economics, University of Prague, Summer 2011.
- Visiting Professor, CERGE-EI, Charles University in Prague, Summer 2011.
- Visiting Professor, University of Paris, 2009.
- Visiting Professor, Tel Aviv University, 2006.
- Visiting Professor, University of Amsterdam 2000-2002.
- Visiting Scholar, Russell Sage Foundation, 1999-2000.
- Visiting Professor, University of Venice, Spring 1993.
- Visiting Scholar, University of Paris, January 1985.
- Visiting Scholar, University of Wisconsin, Summer 1979.
- Visiting Scholar, Institute for Advanced Studies, Vienna, Summer 1978.
- Visiting Assistant Professor, Cornell University, Fall 1974.

#### PROFESSIONAL EXPERIENCE

- Associate Editor, Management Science, 2011-Present.
- Associate Editor, Econometrica, 2010-Present.
- Member, Editorial Board, Experimental Economics, 1998-Present.

- Editorial Advisor- International Journal of Economic Science
- Member, International Advisory Board, *Journal of Research in Institutional Economics*, 2011-Present.
- Associate Editor, Games and Economic Behavior, 2003-2010.
- Vice President, Economic Science Association, 2001-2003.
- President, Economic Science Association, 2000-2002.
- Member, Editorial Board, American Economics Review, 1995-2001.
- President Elect, Economic Science Association, 1998-2000.
- Research Associate, National Bureau of Economic Research, 1990-1992.
- Charter Member, Game Theory Society.
- General Editor
  - Book Series, "Studies in Game Theory and Mathematical Economics," New York University Press.
  - Book Series, "Handbooks of Economic Methodology,"
     Oxford University Press.

#### Coordinator

- Economic Science Association International Meeting, New York, June 2011.
- Economic Science Association International Meeting, New York, June 2000.
- Conference on Applied Game Theory, Institute for Advanced Study in Vienna, Summer 1978 (with Gerhard Schwodiauer and Steven Brams).
- International Conference on Economics and Artificial Intelligence, International Scientific Program Committee, AFCET, Paris, July 1990.

### Consulting

- National Broadcasting Corporation, NBC Sports and Decision Making
- o Credit Suisse Auctions, 2009.
- o AT&T. December 2001.
- o Deegan and Deegan Economic Damages Case, May 1998.
- Mulholland, Minion and Roe Economic Damage Cases, 1993-1998.
- Port Authority of New York Study of Price Preference Auctions, 1995.
- o Chadbourne and Parke Economic Damage Case, 1995.
- o Wortman, Fumuso, Kelly, DeVerna and Snyder, 1994.
- Gardner & Nolan, Lawyers Economic Damages Case, 1992.

- Heidell, Pittoni, Murphy and Bach, Lawyers Economic Damages Case, 1992.
- Kopff, Nardelli and Dopf, Lawyers Economic Damages Case, 1991.
- o Cole, Corret and Abrutyn, Lawyers Securities Case, 1991.
- United States Postal Service Discrimination Case, 1990.
- National Economic Research Associates (N.E.R.A.) –
   Experimental Study on Free-Agent System in Baseball, 1989.
- Monroe and Lehman, Lawyers Valuation of asset value, 1989.
- NYU NeuroScience Center The Economic Benefits of NeuroScience Center, 1987.
- Pegalis and Wachsman, Lawyers Assessment of Economic Damages, 1988.
- American International Group Study on the Cost of the Tort System, 1985.
- Gulf Western Corporation Study on Executive Compensation, 1985.
- NYU Columbia Fordham University Consortium Pricing University Courses, 1982.
- Arnold Azarow Esq. New York State Auto Inspection Fee Determination, 1982.
- New York Stock Exchange Stock Market Trading, 1974.
- Mathematica, Inc., Princeton, New Jersey, 1972.

#### Testimony

- o Gardner & Nolan Testimony on Damages, 1992.
- Cole, Corret and Abrutyn Testimony on Damages in Securities Case, 1991.
- United States Attorney's Office, Eastern District of New York – Testimony on Discrimination Case, 1990.
- Kopff, Nardelli & Dopf Testimony on Economic Damages, 1989.
- American Arbitration Association Testimony for Monroe and Lehman, Lawyers, 1989.
- Pegalis and Wachsman, Lawyers Testimony on Economic Damages, 1987-1988.
- Conference of Insurance Legislators Testimony on "Tort Reform and Costs," Hershey, Pennsylvania, August 2, 1986.
- United States Congress, Joint Economic Committee –
   Testimony on "Cost of the Tort System," July 29, 1986.

#### **HONORS AND AWARDS**

- Economic Theory Fellow, Society for Advancement of Economic Theory, July 2011.
- Editor's Award, Best Paper of the Year, Experimental Economics, 2008.
- Russell Sage Foundation Visiting Scholar, 1999-2000.
- Kenan Enterprise Award, the William R. Kenan Jr. Charitable Trust, Chapel Hill, North Carolina, April 1993.

#### GRANTS AND FELLOWSHIPS RECEIVED

- 2017-2019 National Science Foundation, "Attention in Games and Decisions"
- 2011-2013, National Science Foundation Grant, "School Matching, Mechanism Design, Networks and Advice: An Experimental Study."
- Fullbright Grant, Prague 2011
- 2009, Russell Sage Foundation Grant, Conference on a Methodology in Experimental Economics (with Guillaume Frechette).
- 2007-2008, National Science Foundation Grant, "Advice Giving in Financial Markets" (with Guillaume Frechette).
- 2007-2008, National Science Foundation Grant, Conference on Foundations of Economic Methodology.
- 2003-2006, National Science Foundation Grant, "Decision Making with Naive Advice" (with Yaw Nyarko and Barry Sopher).
- 2000-2001, National Science Foundation Grant, "Advice and Beliefs in Economic Decision Making" (with Yaw Nyarko and Barry Sopher).
- 1999-2001, National Science Foundation Grant, "Belief Learning With Elcited Beliefs" (with Yaw Nyarko).
- 1997-1999, National Science Foundation Grant, "The Evolution of Conventions of Behavior in Inter-Generational Games" (with Barry Sopher).
- 1995-1996, William Davidson Foundation Grant, "Importing Western Style Incentive Programs into Eastern Europe."
- 1991-1992, Technology Transfer Fund, New York University, "Industrial Uses for Experimental Economics."
- 1988-1990, National Science Foundation Grant, "Bargaining under Incomplete Information" (with Roy Radner).
- 1988-1989, National Science Foundation Grant, "An Experimental Study of Bilateral Accidents" (with L. Kornhauser).

- 1987-1988, Industry/University Linkages Grant, New York University, "Study on Corporate Identity."
- 1987-1988, C.V. Starr Center for Applied Economics, New York University, "Transfer Pricing and Bargaining with Incomplete Information" (with Roy Radner).
- 1985-1986, C.V. Starr Center for Applied Economics, New York University, "Tournaments and Piece Rates: An Experimental Study."
- 1985-1986, Humanities and Social Science Council of Canada, "Sequential Auctions with Budget Constraints" (with C. Pitchik).
- 1984-1986, Office of Naval Research, Contract No. N00014-84-K-0450, "Studies in Applied Game Theory."
- 1982-1983, Office of Naval Research, Contract No. N00014-78-C-0598, "Studies in Applied Game Theory." National Science Foundation Grant (with B. Wasow and C. Pitchik).
- 1982-1983, C.V. Starr Center for Applied Economics, New York University, "Internal and External Regulation of Markets with Asymmetric Information" (with C. Pitchik).
- 1981-1982, Office of Naval Research, Contract No. N00014-8C-0598, "Studies in Applied Game Theory."
- 1981-1982, Netherlands Institute For Advanced Studies Fellowship
- 1980-1981 Office of Naval Research, Contract No. N00014-78-C-0598, "Studies in Applied Game Theory."
- 1980-1981, Spencer Foundation Grant, "Learning Market Process" (with Roman Frydman).
- 1979-1980, Office of Naval Research, Contract No. N00014-78-C-0598 "Studies in Applied Game Theory."
- 1978-1979, Office of Naval Research, Contract No. N00014-78-C-0598 "Studies in Applied Game Theory."
- 1976-1977, National Science Foundation Institutional Grant Summer Research
- 1972-1973, Dissertation Fellowship Resources for the Future, Inc.
- 1973-1974, Research on Dissertation: Three Essays on the Allocation of Goods by Bidding and Auctioning.
- 1970-1971, University Fellowship, New York University.
- 1969-1970, Departmental Assistantship, Department of Economics, New York University.

#### GRADUATE STUDENTS RESEARCH GRANTS

• 2016-2017 "Using the Direct Method to Test for Time Discounting Anomalies", Tommaso Bondi

- 2016-2017 National Science Foundation "Repated Games with Voluntary Seperation", National Science Foundation, Doctoral Dissertation Research, Natalie Lee
- 2016-2017 National Science Foundation "Asymmetric Auctons", National Science Foundation, Doctoral Dissertation Research, Andrew McClellan
- 2012-2013 National Science Foundation "Stochastic Games", National Science Foundation, Doctoral Dissertation Research, Andrew Kloosterman
- 2011-2012, National Science Foundation Grant, Graduate Student Anna Gumen on "Ethnic Conflict and the Provision of Public Goods: A Framed Field Experiment".
- 2011-2012, National Science Foundation Grant, Graduate Student Isabel Trevino on "Costly Information Acquisition in a Speculative Attack: Experimental Evidence" Grant: SES-1260840
- 2010-2011, Russell Sage Foundation Grant, Graduate Student Begum Guney on "Status Quo Effects" (under my supervision).
- 2005-2006, National Science Foundation Grant for Dissertation Improvement, Graduate Student Bei Zheng on field work in .

#### **PUBLICATIONS**

**Books** 

# Micro-Economics: A Modern Approach

- *Micro-Economics: A Modern Approach*, New First Edition, Southwest Publishers, 2008.
- *Micro-Economics: A Modern Approach*, Third Edition, Addison Weseley Publishers, 2000.
- *Micro-Economics: A Modern Approach*, Second Edition, Addison Weseley Publishers, 1996.
- Spanish translation, Compania EditorialContinental, S.A. de C.V., 1996.
- French tanslation, Librarie Vuibert, 1996.
- Italian translation, G Ciappichelli Editore srl, October 1995.
- *Micro-Economics: A Modern Approach*, First Edition, HarperCollins Publishers, 1993.

Free Market Economics: A Critical Appraisal

- Chinese translation, 2011.
- Arabic translation, Modern Books, 1999.
- Romanian translation, Editura Didactica Si Pedagogica, 1996.
- Italian translation, Second Edition, Editori Riuniti, Rome, 1991.
- Free Market Economics: A Critical Appraisal, Revised Second Edition, Basil Blackwell Publishers, 1991.
- Spanish translation, Editorial Ariel, 1988.
- Free Market Economics: A Critical Appraisal, First Edition, St. Martin's Press, 1984.

## The Economic Theory of Social Institutions

- Chinese translation, 2003.
- *The Economic Theory of Social Institutions*, Cambridge University Press, 1981.

Applied Game Theory, ed. Steven Brams and Gerhard Schwodiauer, Physica-Verlag, 1979.

The Selected Economic Writings of Oskar Morgenstern, New York University Press, 1977.

# Book Series, "Handbooks of Economic Methodology," Oxford University Press.

- *The Foundations of Positive and Normative Economics*, Volume 1, Oxford University Press, 2010 (with Andrew Caplin).
- *Methodology of Experimental Economics*, Volume 2, Oxford University Press, forthcoming 2015 (with Guillaume Frechette).

# **Published Papers**

- 1. "Attention in Games: An Experimental Study", with Ala Avoyan, (forthcoming *European Economic Review*, 2020).
- 2. "Is response time predictive of choice? An experimental study of threshold strategies" with Isabel Trevino, (forthcoming in *Experimental Economics* 2020)

- 3. Learning and Mechanism Design: An Experimental Test of School Matching Mechanisms With Intergenerational Advice (With Tingting Ding) *Economic Journal*, forthcoming 2019
- 4. "Complementary Institutions and Economic Development: An Experimental Study", with Andrew Kloosterman ( *Games and Economic Behavior*)
- 5. On Blame and Reciprocity: An Experimental Study, with Boğaçhan Çelen and Mariana Blanco, *Journal of Economic Theory*, 2017.
- 6. "Personality, Information Acquisition and Choice under Uncertainty: An Experimental Study", *Economic Inquiry*, 2017
- 7. "Matching and Chatting: An Experimental Study of the Impact of network communication on school-matching mechanisms" with Tingting, *Games and Economic Behavior*, 2016
- 8. "An Experimental Study of the Impact of Competition for Other People's Money: the Portfolio Manager Market", (With Alberto Bison and Marina Agranov), Experimental Economics, 2014
- 9. "Intrinsic and Instrumental Reciprocity: An Experimental Study", (with Luis Cabral and Erkut Ozbay),, *Games and Economic Behavior*, 2014
- 10. "Belief Elicitation in the Lab", (With Isabel Trevino),, August 2014, Annual Review of Economics
- 11. "Language and Government Coordination: An Experimental Study of Communication in the Announcement Game", *Journal of Public Economics*, (With Marina Agranov)
- 12. "On the Relationship Between Economic Theory and Experiments", to appear in *Methodology of Experimental Economics*, Volume 2, Oxford University Press, 2013, Andrew Caplin and Andrew Schotter editors.
- 13. "Network Architecture and Mutual Monitoring in Public Goods
  Experiments (with Jeffrey Carpenter and Shachar Kariv). 2012, Review of
  Economic Design.
- 14. "Beliefs and Endogenous Cognitive Levels: An Experimental Study", *Games and Economic Behavior*, 2012 (with Chloe Tergiman and Marina Agranov and Elizabeth Potamites)
- 15. "Ignorance is bliss: an experimental study of the use of ambiguity and vagueness in the coordination games with asymmetric payoffs", with Marina Agranov, 2012, *American Economic Journal: Microeconomics*
- 16. "Belief Formation: An Experiment With Outside Observers," (with Kyle Hyndman, Erkut Ozbay, and Wolf Ehrblatt), *Experimental Economics*, 2012.
- 17. "Convergence: An Experimental Study of Teaching and Learning in Repeated Games," (with Kyle Hyndman, Erkut Ozbay, and Wolf Ehrblatt), *Journal of the European Economic Association*, 2011.

- 18. "Real-Time Search in the Laboratory and the Market," (with Meta Brown and Christopher J. Flinn), *American Economic Review*, Vol. 101, No. 2, April 2011.
- 19. "An Experimental Test of Advice and Social Learning," (with Boğaçhan Çelen and Shachar Kariv) *Management Science*, September 2010.
- 20. "Workaholics and Drop Outs in Organizations," (with Wieland Mueller), *Journal of the European Economic Association*, Vol. 8, No. 4, June 2010.
- 21. "Paying for Confidence: An Experimental Study of the Demand for Non-Instrumental Information," (with Kfir Eliaz), *Games and Economic Behavior*, 2010.
- 22. "Present-Bias, Quasi-Hyperbolic Discounting, and Fixed Costs," (with Jess Benhabib and Alberto Bisin), *Games and Economic Behavior*, 2010.
- 23. "What's So Informative About Choice," *The Foundations of Positive and Normative Economics, Handbooks of Economic Methodology*, Vol. 1, (Andrew Caplin and Andrew Schotter, eds), Oxford University Press, Ch. 3, pp. 70-94, 2010.
- 24. "On the Dynamics and Severity of Bank Runs: An Experimental Study," (with Tanju Yorulmazer), Journal of Financial Intermediation Vol. 18, No. 2, pp. 217-241, April 2009.
- 25. "Imitation and Luck: An Experimental Study on Social Sampling," (with Theo Offerman), Games and Economic Behavior, Vol. 65, No. 2, pp. 461-502, March 2009.
- 26. "Talking Ourselves to Efficiency: Coordination in Inter-Generational Minimum Effort Games with Private, Almost Common and Common Knowledge of Advice," (with Ananish Chaudhuri and Barry Sopher), *Economic Journal*, Vol. 119, No. 534, pp. 91-122, January 2009.
- 27. "Understanding Overbidding: Using the Neural Circuitry of Reward to Design Economic Auctions," (with Mauricio R. Delgado, Erkut Y. Ozbay, and Elizabeth A. Phelps), *Science*, Vol. 321, No. 5897, pp. 1849-1852, September 2008.
- 28. "Learning Under Supervision: An Experimental Study," (with Raghuram Iyengar), *Experimental Economics*, Vol. 11, No. 2, pp. 154-173, June 2008.
- 29. "Creating Competition Out of Thin Air: An Experimental Study of Right-to-Choose Auctions," (with Kfir Eliaz and Theo Offerman), *Games and Economic Behavior*, Vol. 62, No. 2, pp. 383-416, March 2008.
- 30. "Experimental Testing of Intrinsic Preferences for NonInstrumental Information," (with Kfir Eliaz), *American Economic Review*, Vol. 97, No. 2, pp. 166-169, May 2007.

- 31. "Advice and Behavior in Intergenerational Ultimatum Games: An Experimental Approach," (with Barry Sopher), Games and Economic Behavior, Vol. 58, No. 2, pp. 365-393, February 2007.
- 32. "Strong and Wrong: The Use of Rational Choice Theory in Experimental Economics," *Journal of Theoretical Politics*, Vol. 18, No. 4, pp. 498-511, October 2006.
- 33. "On the Informational Content of Advice: A Theoretical and Experimental Study," (with Yaw Nyarko and Barry Sopher), *Economic Theory*, Vol. 29, No. 2, pp. 433-452, October 2006.
- 34. "Trust and Trustworthiness in Games: An Experimental Study of Intergenerational Advice," (with Barry Sopher), *Experimental Economics*, Vol. 9, No.2, pp. 123-145, June 2006.
- 35. "Conventional Behavior," *Social Psychology and Economics*, (David De Cremer, Marcel Zeelenberg, and J. Keith Murnighan, eds.), Lawrence Erlbaum Associates, London, Ch. 3, pp. 31-54, 2006.
- 36. "Decision Making With Naïve Advice," Experimental Business Research, Vol. II: Economic and Managerial Perspectives, (Amnon Rapoport and Rami Zwick, eds.), Springer Dordrecht, New York, Ch. 12, pp. 223-248, 2005.
- 37. "Multiperson Tournaments: An Experimental Examination," (with Alannah Orrison and Keith Weigelt), *Management Science*, Vol. 50, No. 2, pp. 268-279, February 2004.
- 38. "Social Learning and Coordination Conventions in Intergenerational Games: An Experimental Study," (with Barry Sopher), *Journal of Political Economy*, Vol. 111, No. 3, pp. 498-529, June 2003.
- 39. "Decision Making with Naive Advice," *American Economic Review*, Vol. 93, No. 2, pp. 196-201, May 2003.
- 40. "Learning By Not Doing: An Experimental Investigation of Observational Learning," (with Antonio Merlo), *Games and Economic Behavior*, Vol. 42, No. 1, pp. 116-136, January 2003.
- 41. "An Experimental Study of Belief Learning Using Elicited Beliefs," (with Yaw Nyarko), *Econometrica*, Vol. 70, No. 3, pp. 971-1005, May 2002.
- 42. "Bargaining Through Agents: An Experimental Study of Delegation and Commitment," (with Wei Zheng and Blaine Snyder), *Games and Economic Behavior*, Vol. 30, No. 2, pp. 248-292, February 2000.
- 43. "A Surprise-Quiz View of Learning in Economic Experiments," (with Antonio Merlo), *Games and Economic Behavior*, Vol. 28, No. 1, pp. 25-54, July 1999.
- 44. "Can Affirmative Action be Cost Effective? An Experimental Examination of Price-Preference Auctions," (with Allan

- Corns), American Economic Review, Vol. 89, No. 1, pp. 291-305, March 1999.
- 45. "A Practical Person's Guide to Mechanism Selection: Some Lessons from Experimental Economics," *Organization With Incomplete Information* (Mukul Majumdar, ed.), Cambridge University Press, Ch. 6, pp. 208-238, 1998.
- 46. "Productivity Under Group Incentives: An Experimental Study," (with Haig R. Nalbantian), *American Economic Review*, Vol. 87, No.3, pp. 314-341, June 1997.
- 47. "Fairness and Survival in Ultimatum and Dictatorship Games," (with Avi Weiss and Inigo Zapater), *Journal of Economic Behavior and Organization*, Vol. 31, No. 1, pp. 37-56, October 1996.
- 48. "You're Not Making Sense, You're Just Being Logical': Some Thoughts on Doing Economics," *Foundations of Research in Economics*, (Steven G. Medema and Warren J. Samuels, eds.), Edward Elgar Publishers, 1996.
- 49. "Matching and Efficiency in the Baseball Free-Agent System: An Experimental Examination," (with Haig R. Nalbantian), *Journal of Labor Economics*, Vol. 13, No. 1, pp. 1-31, January 1995.
- 50. "Norms and Competition in Markets with Asymmetric Information: An Experimental Study of the Development of Industry Ethics," (with Carolyn Pitchik), *Metroeconomica*, Vol. 45, No. 2, pp. 188-207, June 1994.
- 51. "A Laboratory Investigation of Multiperson Rationality and Presentation Effects," (with Keith Weigelt and Charles Wilson), *Games and Economic Behavior*, Vol. 6, No. 3, pp. 445-468, May 1994.
- 52. "Information Transmission in Regulated Markets," (with Carolyn Pitchik), *Canadian Journal of Economics*, Vol. 26, No. 4, pp. 815-829, November 1993.
- 53. "Do People Treat Games Like Games? An Overview of Some Experimental Results," (with Antonio M. Merlo), Cuadernos Economicos de ICE, Vol. 54, pp. 197-210, 1993.
- 54. "Theory and Misbehavior of First-Price Auctions: Comment," (with Antonio Merlo), *American Economic Review*, Vol. 82, No.5, pp. 1413-1425, December 1992.
- 55. "Behavioral Consequences of Corporate Incentives and Long-Term Bonuses: An Experimental Study," (with Keith Weigelt), *Management Science*, Vol. 38, No. 9, pp. 1280-1298, September 1992.
- 56. "Asymmetric Tournaments, Equal Opportunity Laws, and Affirmative Action: Some Experimental Results," (with Keith Weigelt), *Quarterly Journal of Economics*, Vol. 107, No. 2, pp. 511-539, May 1992.

- 57. "Oskar Morgenstern's Contribution to the Development of the Theory of Games," *History of Political Economy*, Vol. 24 (Supplement), pp. 95-112, 1992.
- 58. "Beyond Optimizing," (by Michael Slote), book review in *Economics and Philosophy*, Vol. 7, No. 1, pp. 128-132, April 1991.
- 59. "A Game Theory Analysis of Dual Discrimination," (with Janet Dukerich and Keith Weigelt), *Organizational Behavior and Human Decision Processes*, Vol. 47, No. 1, pp. 21-41, October 1990.
- 60. "Bad and Good News About the Sealed-Bid Mechanism: Some Experimental Results," *American Economic Review*, Vol. 80, No. 2, pp. 220-226, May 1990.
- 61. "An Experimental Study of Single-Actor Accidents," (with Lewis Kornhauser), *Journal of Legal Studies*, Vol. 19, No. 1, pp. 203-233, January 1990.
- 62. "Reactions to Discrimination in an Incentive Pay Compensation Scheme: A Game-Theoretic Approach," (with Keith Weigelt and Janet Dukerich), Organizational Behavior and Human Decision Processes, Vol. 44, No. 1, pp. 26-44, August 1989.
- 63. "The Sealed-Bid Mechanism: An Experimental Study," (with Roy Radner), *Journal of Economic Theory*, Vol. 48, No. 1, pp. 179-220, June 1989.
- 64. "Perfect Equilibria in Budget-Constrained Sequential Auctions: An Experimental Study," (with Carolyn Pitchik), *RAND Journal of Economics*, Vol. 19, No. 3, pp. 363-388, Autumn 1988.
- 65. "The Benefits of Equal Opportunity: Equity vs. Efficiency," (with Keith Weigelt), *Business and Society Review*, No. 65, pp. 45-47, Spring 1988.
- 66. "Comments on Markets and Institution," *Economic Institutions in a Dynamic Society*, (Takashi Shiraishi, ed.), 1988.
- 67. "Honesty in a Model of Strategic Information Transmission," (with Carolyn Pitchik), *American Economic Review*, Vol. 77, No. 5, pp. 1032-1036, December 1987.
- 68. "Tournaments and Piece Rates: An Experimental Study," (with Clive Bull and Keith Weigelt), *Journal of Political Economy*, Vol. 95, No. 1, pp. 1-33, February 1987.
- 69. "On the Economic Virtues of Incompetency and Dishonesty," *Paradoxical Effects of Social Behavior*, (Andreas Diekmann and Peter Mitter, eds.), Physica-Verlag, Heidelberg, pp. 235-241, 1986.
- 70. "The Evolution of Rules," *Economics as a Process*, (Richard N. Langlois, ed.), Cambridge University Press, Ch. 5, pp. 117-134, 1986.

- 71. "Game Theory in the Social Sciences: A Game-Theoretic Approach to Political Economy," (by Martin Shubik), book review in *Journal of Economic Literature*, Vol. 23, No. 4, pp. 1783-1785, December 1985.
- 72. "Reason in Human Affairs," (by Herbert A. Simon), book review in *Journal of Economic Behavior and Organization*, Vol. 6, No. 4, pp. 387-390, December 1985.
- 73. "The Garbage Game, Inflation, and Incomes Policies," (with Clive Bull), *Macroeconomic Conflict and Social Institutions*, (Shlomo Maital and Irwin Lipnowski, eds.), Ballinger Publishing Co., Ch. 4, pp. 121-140, 1985.
- 74. "An Essay on Oskar Morgenstern," Contemporary Economists in Perspective, (Warren Samuels. ed.), JAI Press, 1984.
- 75. "Measurement in Public Choice," (by Steinar Strom), book review in *Economic Journal*, Vol.93, No. 370, pp. 447-448, June 1983.
- 76. "Selfishness, Altruism and Rationality: A Theory of Social Choice," (by Howard Margolis), book review in *Journal of Economic Literature*, Vol. 21, No. 2, pp. 555-557, June 1983.
- 77. Why Take a Game Theoretical Approach to Economics? Institutions, Economics and Game Theory," *Economie Applique*, Vol. 36, No. 4, pp. 673-695, 1983.
- 78. "Rational Expectations of Government Policy: An Application of Newcomb's Problem," (with Roman Frydman and Gerald P. O'Driscoll, Jr.), *Southern Economic Journal*, Vol. 49, No. 2, pp. 311-319, October 1982.
- 79. "Labor Market Search: An Experimental Study," (with Yale M. Braunstein), *Economic Inquiry*, Vol. 20, No. 1, January 1982, pp. 133-144.
- 80. "The Paradox of Redistribution: Some Theoretical and Empirical Results," *Power, Voting, and Voting Power*, (Manfred J. Holler, ed.), Physica-Verlag, Vienna, 1982.
- 81. "When is the Incentive Problem Real?" (with Simeon M. Berman), *Games Economic Dynamics and Time Series Analysis*, (M. Deiotter, E. Furst and G. Schwodiauer, eds.) Physica Verlag, Vienna, 1982.
- 82. "On the Political Sustainability of Taxes," (with Janusz A. Ordover), *American Economic Review*, Vol. 71, No. 2, pp. 278-282, May 1981.
- 83. "Economic Search: An Experimental Study," (with Yale M. Braunstein), *Economic Inquiry*, Vol. 19, No. 1, pp. 1-25, January 1981.

- 84. "Economics and the Theory of Games: A Survey," (with Gerhard Schwodiauer), *Journal of Economic Literature*, Vol. 18, No. 2, pp. 479-527, June 1980.
- 85. "Power Relationships in the International Monetary Fund: The Consequences of Quota Changes," (with Jacob S. Dreyer), *The Review of Economics and Statistics*, Vol. 62, No. 1, pp. 97-106, February 1980.
- 86. "General X-Efficiency Theory and Economic Development," (by Harvey Leibenstein), book review in *Journal of Economic Literature*, Vol. 17, No. 4, pp. 1475-1476, December 1979.
- 87. "Disadvantageous Syndicates in Public Goods Economies," *American Economic Review*, Vol. 69, No. 5, pp. 927-933, December 1979.
- 88. "Voting Weights or Power Proxies: Some Theoretical and Empirical Results," *Applied Game Theory*, (Steven J. Brams, Andrew Schotter, and Gerhard Schwodiauer, eds.), Physica-Verlag, pp. 57-73, 1979.
- 89. "The Effects of Precedent on Arbitration," *The Journal of Conflict Resolution*, Vol. 22, No. 4, pp. 659-677, December 1978.
- 90. "The Inevitability of the 'Paradox of Redistribution' in the Allocation of Voting Weights," (with Dietrich Fischer), *Public Choice*, Vol. 33, No. 2, pp. 49-67, February 1978.
- 91. "An Experimental Study of the Problem of 'Theory Absorption' in N-Person Bargaining Situations or Games," (with Yale Braunstein), *Coalition Forming Behavior*, (Heinz Sauermann, ed.), pp. 1-25, 1978.
- 92. "On Urban Residential Stability and the Core," Regional Science and Urban Economics, Vol. 7, No. 4, pp. 321-337, November 1977.
- 93. "Economically Efficient and Politically Sustainable Economic Contractions," *Mathematical Economics and Game Theory*, (Rudolph Henn and Otto Moeschlin, eds.), Berlin, pp. 400-418, 1977.
- 94. "Merger Illusions and Externalities," (with Janusz A. Ordover), *Eastern Economic Journal*, Vol. 3, No. 1, pp. 19-21, January 1976.
- 95. "Auctions and Economic Theory," *Bidding and Auctioning for Procurement and Allocation*, (Yakov Amihud, ed), New York University Press, pp. 3-13, 1976.
- 96. "Auctioning Bohm-Bawerk's Horses," *International Journal of Game Theory*, Vol. 3, No. 4, pp. 195-215, December 1974.
- 97. "Core Allocations and Competitive Equilibrium—A Survey," *Zeitschrift fur Nationalokonomie*, Vol. 33, No. 3-4, pp. 281-313, September 1973.

#### **CONTACT INFORMATION**

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#### PERSONAL INFORMATION

Date of Birth — June 6, 1947 Married — 2 children

#### **EDUCATION**

Ph.D. Economics, New York University, 1973 M.A. Economics, New York University, 1971 B.S. Cornell University, 1969

#### FIELDS OF INTEREST

Teaching Experimental Economics, Economic Theory (Micro, Advanced and Intermediate), and Game Theory.

Research Applications of Game Theory to Economics Experimental Economics, Micro-Economic, and Mathematical Theories of Economic and Social Institutions.

#### ACADEMIC EXPERIENCE

**Current Positions** 

- Professor of Economics, New York University.
- Director, Center for Experimental Social Science (C.E.S.S.), New York University.
- Research Professor, WZB Berlin
- Affiliated Professor, Center for Neural Science, New York University

# **Previous Positions**

- Chair, Department of Economics, New York University, 1988-1993, 1996-1999.
- Co-Director, C.V. Starr Center for Applied Economics, New York University, 1983-1988.
- Associate Professor, New York University, 1980-1987.

- Assistant Professor, New York University, 1975-1979.
- Assistant Professor, Syracuse University, 1974.
- Associate Research Scientist, New York University, 1973-1974.

### Visiting Appointments

- Visiting Professor Columbia University, Spring 2014
- Visiting Professor, WZB Berlin, May 2014
- Visiting Professor, WZB Berlin, May 2013
- Visiting Professor, Nanjing University, May, 2012
- Visiting Professor, Laboratory of Experimental Economics, University of Prague, Summer 2011.
- Visiting Professor, CERGE-EI, Charles University in Prague, Summer 2011.
- Visiting Professor, University of Paris, 2009.
- Visiting Professor, Tel Aviv University, 2006.
- Visiting Professor, University of Amsterdam 2000-2002.
- Visiting Scholar, Russell Sage Foundation, 1999-2000.
- Visiting Professor, University of Venice, Spring 1993.
  Visiting Scholar, University of Paris, January 1985.
- Visiting Scholar, University of Wisconsin, Summer 1979.
- Visiting Scholar, Institute for Advanced Studies, Vienna, Summer 1978.
- Visiting Assistant Professor, Cornell University, Fall 1974.

#### PROFESSIONAL EXPERIENCE

- Associate Editor, *Management Science*, 2011-Present.
- Associate Editor, *Econometrica*, 2010-Present.
- Member, Editorial Board, Experimental Economics, 1998-Present.
- Editorial Advisor- International Journal of Economic Science
- Member, International Advisory Board, *Journal of Research in Institutional Economics*, 2011-Present.
- Associate Editor, Games and Economic Behavior, 2003-2010.
- Vice President, Economic Science Association, 2001-2003.
- President, Economic Science Association, 2000-2002.
- Member, Editorial Board, American Economics Review, 1995-2001.

- President Elect, Economic Science Association, 1998-2000.
- Research Associate, National Bureau of Economic Research, 1990-1992.
- Charter Member, Game Theory Society.
- General Editor
  - Book Series, "Studies in Game Theory and Mathematical Economics," New York University Press.
  - Book Series, "Handbooks of Economic Methodology," Oxford University Press.

#### Coordinator

- Economic Science Association International Meeting, New York, June 2011.
- Economic Science Association International Meeting, New York, June 2000.
- Conference on Applied Game Theory, Institute for Advanced Study in Vienna, Summer 1978 (with Gerhard Schwodiauer and Steven Brams).
- International Conference on Economics and Artificial Intelligence, International Scientific Program Committee, AFCET, Paris, July 1990.

#### Consulting

- National Broadcasting Corporation, NBC Sports and Decision Making
- o Credit Suisse Auctions, 2009.
- o AT&T, December 2001.
- Deegan and Deegan Economic Damages Case, May 1998.
- Mulholland, Minion and Roe Economic Damage Cases, 1993-1998.
- Port Authority of New York Study of Price Preference Auctions, 1995.
- Chadbourne and Parke Economic Damage Case, 1995.
- Wortman, Fumuso, Kelly, DeVerna and Snyder, 1994.
- Gardner & Nolan, Lawyers Economic Damages Case, 1992.
- Heidell, Pittoni, Murphy and Bach, Lawyers Economic Damages Case, 1992.
- Kopff, Nardelli and Dopf, Lawyers Economic Damages Case, 1991.
- o Cole, Corret and Abrutyn, Lawyers Securities Case, 1991.
- United States Postal Service Discrimination Case, 1990.
- National Economic Research Associates (N.E.R.A.) –
   Experimental Study on Free-Agent System in Baseball, 1989.

- Monroe and Lehman, Lawyers Valuation of asset value, 1989.
- NYU NeuroScience Center The Economic Benefits of NeuroScience Center, 1987.
- Pegalis and Wachsman, Lawyers Assessment of Economic Damages, 1988.
- American International Group Study on the Cost of the Tort System, 1985.
- Gulf Western Corporation Study on Executive Compensation, 1985.
- NYU Columbia Fordham University Consortium Pricing University Courses, 1982.
- Arnold Azarow Esq. New York State Auto Inspection Fee Determination, 1982.
- New York Stock Exchange Stock Market Trading, 1974.
- o Mathematica, Inc., Princeton, New Jersey, 1972.

#### Testimony

- Gardner & Nolan Testimony on Damages, 1992.
- Cole, Corret and Abrutyn Testimony on Damages in Securities Case, 1991.
- United States Attorney's Office, Eastern District of New York Testimony on Discrimination Case, 1990.
- Kopff, Nardelli & Dopf Testimony on Economic Damages, 1989.
- American Arbitration Association Testimony for Monroe and Lehman, Lawyers, 1989.
- Pegalis and Wachsman, Lawyers Testimony on Economic Damages, 1987-1988.
- Conference of Insurance Legislators Testimony on "Tort Reform and Costs," Hershey, Pennsylvania, August 2, 1986.
- United States Congress, Joint Economic Committee –
   Testimony on "Cost of the Tort System," July 29, 1986.

#### **HONORS AND AWARDS**

- Economic Theory Fellow, Society for Advancement of Economic Theory, July 2011.
- Editor's Award, Best Paper of the Year, Experimental Economics, 2008.
- Russell Sage Foundation Visiting Scholar, 1999-2000.

• Kenan Enterprise Award, the William R. Kenan Jr. Charitable Trust, Chapel Hill, North Carolina, April 1993.

#### GRANTS AND FELLOWSHIPS RECEIVED

- 2011-2013, National Science Foundation Grant, "School Matching, Mechanism Design, Networks and Advice: An Experimental Study."
- Fullbright Grant, Prague 2011
- 2009, Russell Sage Foundation Grant, Conference on a Methodology in Experimental Economics (with Guillaume Frechette).
- 2007-2008, National Science Foundation Grant, "Advice Giving in Financial Markets" (with Guillaume Frechette).
- 2007-2008, National Science Foundation Grant, Conference on Foundations of Economic Methodology.
- 2003-2006, National Science Foundation Grant, "Decision Making with Naive Advice" (with Yaw Nyarko and Barry Sopher).
- 2000-2001, National Science Foundation Grant, "Advice and Beliefs in Economic Decision Making" (with Yaw Nyarko and Barry Sopher).
- 1999-2001, National Science Foundation Grant, "Belief Learning With Elcited Beliefs" (with Yaw Nyarko).
- 1997-1999, National Science Foundation Grant, "The Evolution of Conventions of Behavior in Inter-Generational Games" (with Barry Sopher).
- 1995-1996, William Davidson Foundation Grant, "Importing Western Style Incentive Programs into Eastern Europe."
- 1991-1992, Technology Transfer Fund, New York University, "Industrial Uses for Experimental Economics."
- 1988-1990, National Science Foundation Grant, "Bargaining under Incomplete Information" (with Roy Radner).
- 1988-1989, National Science Foundation Grant, "An Experimental Study of Bilateral Accidents" (with L. Kornhauser).
- 1987-1988, Industry/University Linkages Grant, New York University, "Study on Corporate Identity."
- 1987-1988, C.V. Starr Center for Applied Economics, New York University, "Transfer Pricing and Bargaining with Incomplete Information" (with Roy Radner).
- 1985-1986, C.V. Starr Center for Applied Economics, New York University, "Tournaments and Piece Rates: An Experimental Study."
- 1985-1986, Humanities and Social Science Council of Canada, "Sequential Auctions with Budget Constraints" (with C. Pitchik).

- 1984-1986, Office of Naval Research, Contract No. N00014-84-K-0450, "Studies in Applied Game Theory."
- 1982-1983, Office of Naval Research, Contract No. N00014-78-C-0598, "Studies in Applied Game Theory." National Science Foundation Grant (with B. Wasow and C. Pitchik).
- 1982-1983, C.V. Starr Center for Applied Economics, New York University, "Internal and External Regulation of Markets with Asymmetric Information" (with C. Pitchik).
- 1981-1982, Office of Naval Research, Contract No. N00014-8C-0598, "Studies in Applied Game Theory."
- 1981-1982, Netherlands Institute For Advanced Studies Fellowship
- 1980-1981 Office of Naval Research, Contract No. N00014-78-C-0598, "Studies in Applied Game Theory."
- 1980-1981, Spencer Foundation Grant, "Learning Market Process" (with Roman Frydman).
- 1979-1980, Office of Naval Research, Contract No. N00014-78-C-0598 "Studies in Applied Game Theory."
- 1978-1979, Office of Naval Research, Contract No. N00014-78-C-0598 "Studies in Applied Game Theory."
- 1976-1977, National Science Foundation Institutional Grant Summer Research
- 1972-1973, Dissertation Fellowship Resources for the Future, Inc.
- 1973-1974, Research on Dissertation: Three Essays on the Allocation of Goods by Bidding and Auctioning.
- 1970-1971, University Fellowship, New York University.
- 1969-1970, Departmental Assistantship, Department of Economics, New York University.

#### **GRADUATE STUDENTS RESEARCH GRANTS**

- 2016-2017 National Science Foundation "Repated Games with Voluntary Seperation", National Science Foundation, Doctoral Dissertation Research, Natalie Lee
- 2016-2017 National Science Foundation "Asymmetric Auctons", National Science Foundation, Doctoral Dissertation Research, Andrew McClellan
- 2012-2013 National Science Foundation "Stochastic Games", National Science Foundation, Doctoral Dissertation Research, Andrew Kloosterman

- 2011-2012, National Science Foundation Grant, Graduate Student Anna Gumen on "Ethnic Conflict and the Provision of Public Goods: A Framed Field Experiment".
- 2011-2012, National Science Foundation Grant, Graduate Student Isabel Trevino on "Costly Information Acquisition in a Speculative Attack: Experimental Evidence" Grant: SES-1260840
- 2010-2011, Russell Sage Foundation Grant, Graduate Student Begum Guney on "Status Quo Effects" (under my supervision).
- 2005-2006, National Science Foundation Grant for Dissertation Improvement, Graduate Student Bei Zheng on field work in .

#### **PUBLICATIONS**

**Books** 

### Micro-Economics: A Modern Approach

- *Micro-Economics: A Modern Approach*, New First Edition, Southwest Publishers, 2008.
- *Micro-Economics: A Modern Approach*, Third Edition, Addison Weseley Publishers, 2000.
- *Micro-Economics: A Modern Approach*, Second Edition, Addison Weseley Publishers, 1996.
- Spanish translation, Compania EditorialContinental, S.A. de C.V., 1996.
- French tanslation, Librarie Vuibert, 1996.
- Italian translation, G Ciappichelli Editore srl, October 1995.
- *Micro-Economics: A Modern Approach*, First Edition, HarperCollins Publishers, 1993.

# Free Market Economics: A Critical Appraisal

- Chinese translation, 2011.
- Arabic translation, Modern Books, 1999.
- Romanian translation, Editura Didactica Si Pedagogica, 1996.
- Italian translation, Second Edition, Editori Riuniti, Rome, 1991.
- Free Market Economics: A Critical Appraisal, Revised Second Edition, Basil Blackwell Publishers, 1991.
- Spanish translation, Editorial Ariel, 1988.
- Free Market Economics: A Critical Appraisal, First Edition, St. Martin's Press, 1984.

### The Economic Theory of Social Institutions

- Chinese translation, 2003.
- *The Economic Theory of Social Institutions*, Cambridge University Press, 1981.

Applied Game Theory, ed. Steven Brams and Gerhard Schwodiauer, Physica-Verlag, 1979.

The Selected Economic Writings of Oskar Morgenstern, New York University Press, 1977.

Book Series, "Handbooks of Economic Methodology," Oxford University Press.

- *The Foundations of Positive and Normative Economics*, Volume 1, Oxford University Press, 2010 (with Andrew Caplin).
- *Methodology of Experimental Economics*, Volume 2, Oxford University Press, forthcoming 2015 (with Guillaume Frechette).

# **Published Papers**

- 1. "Complementary Institutions and Economic Development: An Experimental Study", with Andrew Kloosterman (Forthcoming *Games and Economic Behavior*)
- 2. On Blame and Reciprocity: An Experimental Study, with Boğaçhan Çelen and Mariana Blanco, *Journal of Economic Theory*, forthcoming 2017.
- 3. "Matching and Chatting: An Experimental Study of the Impact of network communication on school-matching mechanisms" with Tingting, *Games and Economic Behavior*, forthcoming 2016
- 4. "An Experimental Study of the Impact of Competition for Other People's Money: the Portfolio Manager Market", (With Alberto Bison and Marina Agranov), forthcoming Experimental Economics, 2014
- 5. "Intrinsic and Instrumental Reciprocity: An Experimental Study", (with Luis Cabral and Erkut Ozbay), forthcoming, *Games and Economic Behavior*, 2014

- 6. "Belief Elicitation in the Lab", (With Isabel Trevino), forthcoming, August 2014, *Annual Review of Economics*
- 7. "Language and Government Coordination: An Experimental Study of Communication in the Announcement Game", Forthcoming, *Journal of Public Economics*, (With Marina Agranov)
- 8. "On the Relationship Between Economic Theory and Experiments", to appear in *Methodology of Experimental Economics*, Volume 2, Oxford University Press, 2013, Andrew Caplin and Andrew Schotter editors.
- 9. "Network Architecture and Mutual Monitoring in Public Goods Experiments (with Jeffrey Carpenter and Shachar Kariv). 2012, Review of Economic Design.
- 10. "Beliefs and Endogenous Cognitive Levels: An Experimental Study", *Games and Economic Behavior*, 2012 (with Chloe Tergiman and Marina Agranov and Elizabeth Potamites)
- 11. "Ignorance is bliss: an experimental study of the use of ambiguity and vagueness in the coordination games with asymmetric payoffs", with Marina Agranov, 2012, *American Economic Journal: Microeconomics*
- 12. "Belief Formation: An Experiment With Outside Observers," (with Kyle Hyndman, Erkut Ozbay, and Wolf Ehrblatt), *Experimental Economics*, 2012.
- 13. "Convergence: An Experimental Study of Teaching and Learning in Repeated Games," (with Kyle Hyndman, Erkut Ozbay, and Wolf Ehrblatt), *Journal of the European Economic Association*, 2011.
- 14. "Real-Time Search in the Laboratory and the Market," (with Meta Brown and Christopher J. Flinn), *American Economic Review*, Vol. 101, No. 2, April 2011.
- 15. "An Experimental Test of Advice and Social Learning," (with Boğaçhan Çelen and Shachar Kariv) *Management Science*, September 2010.
- 16. "Workaholics and Drop Outs in Organizations," (with Wieland Mueller), *Journal of the European Economic Association*, Vol. 8, No. 4, June 2010.
- 17. "Paying for Confidence: An Experimental Study of the Demand for Non-Instrumental Information," (with Kfir Eliaz), *Games and Economic Behavior*, 2010.
- 18. "Present-Bias, Quasi-Hyperbolic Discounting, and Fixed Costs," (with Jess Benhabib and Alberto Bisin), *Games and Economic Behavior*, 2010.
- 19. "What's So Informative About Choice," *The Foundations of Positive and Normative Economics, Handbooks of Economic Methodology*, Vol.1, (Andrew Caplin and Andrew Schotter, eds), Oxford University Press, Ch. 3, pp. 70-94, 2010.

- 20. "On the Dynamics and Severity of Bank Runs: An Experimental Study," (with Tanju Yorulmazer), Journal of Financial Intermediation Vol. 18, No. 2, pp. 217-241, April 2009.
- 21. "Imitation and Luck: An Experimental Study on Social Sampling," (with Theo Offerman), Games and Economic Behavior, Vol. 65, No. 2, pp. 461-502, March 2009.
- 22. "Talking Ourselves to Efficiency: Coordination in Inter-Generational Minimum Effort Games with Private, Almost Common and Common Knowledge of Advice," (with Ananish Chaudhuri and Barry Sopher), *Economic Journal*, Vol. 119, No. 534, pp. 91-122, January 2009.
- 23. "Understanding Overbidding: Using the Neural Circuitry of Reward to Design Economic Auctions," (with Mauricio R. Delgado, Erkut Y. Ozbay, and Elizabeth A. Phelps), *Science*, Vol. 321, No. 5897, pp. 1849-1852, September 2008.
- 24. "Learning Under Supervision: An Experimental Study," (with Raghuram Iyengar), *Experimental Economics*, Vol. 11, No. 2, pp. 154-173, June 2008.
- 25. "Creating Competition Out of Thin Air: An Experimental Study of Right-to-Choose Auctions," (with Kfir Eliaz and Theo Offerman), *Games and Economic Behavior*, Vol. 62, No. 2, pp. 383-416, March 2008.
- 26. "Experimental Testing of Intrinsic Preferences for NonInstrumental Information," (with Kfir Eliaz), *American Economic Review*, Vol. 97, No. 2, pp. 166-169, May 2007.
- 27. "Advice and Behavior in Intergenerational Ultimatum Games: An Experimental Approach," (with Barry Sopher), Games and Economic Behavior, Vol. 58, No. 2, pp. 365-393, February 2007.
- 28. "Strong and Wrong: The Use of Rational Choice Theory in Experimental Economics," *Journal of Theoretical Politics*, Vol. 18, No. 4, pp. 498-511, October 2006.
- 29. "On the Informational Content of Advice: A Theoretical and Experimental Study," (with Yaw Nyarko and Barry Sopher), *Economic Theory*, Vol. 29, No. 2, pp. 433-452, October 2006.
- 30. "Trust and Trustworthiness in Games: An Experimental Study of Intergenerational Advice," (with Barry Sopher), *Experimental Economics*, Vol. 9, No.2, pp. 123-145, June 2006.
- 31. "Conventional Behavior," *Social Psychology and Economics*, (David De Cremer, Marcel Zeelenberg, and J. Keith Murnighan, eds.), Lawrence Erlbaum Associates, London, Ch. 3, pp. 31-54, 2006.
- 32. "Decision Making With Naïve Advice," Experimental Business Research, Vol. II: Economic and Managerial Perspectives, (Amnon

- Rapoport and Rami Zwick, eds.), Springer Dordrecht, New York, Ch. 12, pp. 223-248, 2005.
- 33. "Multiperson Tournaments: An Experimental Examination," (with Alannah Orrison and Keith Weigelt), *Management Science*, Vol. 50, No. 2, pp. 268-279, February 2004.
- 34. "Social Learning and Coordination Conventions in Intergenerational Games: An Experimental Study," (with Barry Sopher), *Journal of Political Economy*, Vol. 111, No. 3, pp. 498-529, June 2003.
- 35. "Decision Making with Naive Advice," *American Economic Review*, Vol. 93, No. 2, pp. 196-201, May 2003.
- 36. "Learning By Not Doing: An Experimental Investigation of Observational Learning," (with Antonio Merlo), *Games and Economic Behavior*, Vol. 42, No. 1, pp. 116-136, January 2003.
- 37. "An Experimental Study of Belief Learning Using Elicited Beliefs," (with Yaw Nyarko), *Econometrica*, Vol. 70, No. 3, pp. 971-1005, May 2002.
- 38. "Bargaining Through Agents: An Experimental Study of Delegation and Commitment," (with Wei Zheng and Blaine Snyder), *Games and Economic Behavior*, Vol. 30, No. 2, pp. 248-292, February 2000.
- 39. "A Surprise-Quiz View of Learning in Economic Experiments," (with Antonio Merlo), *Games and Economic Behavior*, Vol. 28, No. 1, pp. 25-54, July 1999.
- 40. "Can Affirmative Action be Cost Effective? An Experimental Examination of Price-Preference Auctions," (with Allan Corns), *American Economic Review*, Vol. 89, No. 1, pp. 291-305, March 1999.
- 41."A Practical Person's Guide to Mechanism Selection: Some Lessons from Experimental Economics," *Organization With Incomplete Information* (Mukul Majumdar, ed.), Cambridge University Press, Ch. 6, pp. 208-238, 1998.
- 42. "Productivity Under Group Incentives: An Experimental Study," (with Haig R. Nalbantian), *American Economic Review*, Vol. 87, No.3, pp. 314-341, June 1997.
- 43. "Fairness and Survival in Ultimatum and Dictatorship Games," (with Avi Weiss and Inigo Zapater), *Journal of Economic Behavior and Organization*, Vol. 31, No. 1, pp. 37-56, October 1996.
- 44. "You're Not Making Sense, You're Just Being Logical': Some Thoughts on Doing Economics," *Foundations of Research in Economics*, (Steven G. Medema and Warren J. Samuels, eds.), Edward Elgar Publishers, 1996.

- 45. "Matching and Efficiency in the Baseball Free-Agent System: An Experimental Examination," (with Haig R. Nalbantian), *Journal of Labor Economics*, Vol. 13, No. 1, pp. 1-31, January 1995.
- 46. "Norms and Competition in Markets with Asymmetric Information: An Experimental Study of the Development of Industry Ethics," (with Carolyn Pitchik), *Metroeconomica*, Vol. 45, No. 2, pp. 188-207, June 1994.
- 47. "A Laboratory Investigation of Multiperson Rationality and Presentation Effects," (with Keith Weigelt and Charles Wilson), *Games and Economic Behavior*, Vol. 6, No. 3, pp. 445-468, May 1994.
- 48. "Information Transmission in Regulated Markets," (with Carolyn Pitchik), *Canadian Journal of Economics*, Vol. 26, No. 4, pp. 815-829, November 1993.
- 49. "Do People Treat Games Like Games? An Overview of Some Experimental Results," (with Antonio M. Merlo), Cuadernos Economicos de ICE, Vol. 54, pp. 197-210, 1993.
- 50. "Theory and Misbehavior of First-Price Auctions: Comment," (with Antonio Merlo), *American Economic Review*, Vol. 82, No.5, pp. 1413-1425, December 1992.
- 51. "Behavioral Consequences of Corporate Incentives and Long-Term Bonuses: An Experimental Study," (with Keith Weigelt), *Management Science*, Vol. 38, No. 9, pp. 1280-1298, September 1992.
- 52. "Asymmetric Tournaments, Equal Opportunity Laws, and Affirmative Action: Some Experimental Results," (with Keith Weigelt), *Quarterly Journal of Economics*, Vol. 107, No. 2, pp. 511-539, May 1992.
- 53. "Oskar Morgenstern's Contribution to the Development of the Theory of Games," *History of Political Economy*, Vol. 24 (Supplement), pp. 95-112, 1992.
- 54. "Beyond Optimizing," (by Michael Slote), book review in *Economics and Philosophy*, Vol. 7, No. 1, pp. 128-132, April 1991.
- 55. "A Game Theory Analysis of Dual Discrimination," (with Janet Dukerich and Keith Weigelt), *Organizational Behavior and Human Decision Processes*, Vol. 47, No. 1, pp. 21-41, October 1990.
- 56. "Bad and Good News About the Sealed-Bid Mechanism: Some Experimental Results," *American Economic Review*, Vol. 80, No. 2, pp. 220-226, May 1990.
- 57. "An Experimental Study of Single-Actor Accidents," (with Lewis Kornhauser), *Journal of Legal Studies*, Vol. 19, No. 1, pp. 203-233, January 1990.
- 58. "Reactions to Discrimination in an Incentive Pay Compensation Scheme: A Game-Theoretic Approach," (with Keith Weigelt and Janet

- Dukerich), *Organizational Behavior and Human Decision Processes*, Vol. 44, No. 1, pp. 26-44, August 1989.
- 59. "The Sealed-Bid Mechanism: An Experimental Study," (with Roy Radner), *Journal of Economic Theory*, Vol. 48, No. 1, pp. 179-220, June 1989.
- 60. "Perfect Equilibria in Budget-Constrained Sequential Auctions: An Experimental Study," (with Carolyn Pitchik), *RAND Journal of Economics*, Vol. 19, No. 3, pp. 363-388, Autumn 1988.
- 61. "The Benefits of Equal Opportunity: Equity vs. Efficiency," (with Keith Weigelt), *Business and Society Review*, No. 65, pp. 45-47, Spring 1988.
- 62. "Comments on Markets and Institution," *Economic Institutions in a Dynamic Society*, (Takashi Shiraishi, ed.), 1988.
- 63. "Honesty in a Model of Strategic Information Transmission," (with Carolyn Pitchik), *American Economic Review*, Vol. 77, No. 5, pp. 1032-1036, December 1987.
- 64. "Tournaments and Piece Rates: An Experimental Study," (with Clive Bull and Keith Weigelt), *Journal of Political Economy*, Vol. 95, No. 1, pp. 1-33, February 1987.
- 65. "On the Economic Virtues of Incompetency and Dishonesty," *Paradoxical Effects of Social Behavior*, (Andreas Diekmann and Peter Mitter, eds.), Physica-Verlag, Heidelberg, pp. 235-241, 1986.
- 66. "The Evolution of Rules," *Economics as a Process*, (Richard N. Langlois, ed.), Cambridge University Press, Ch. 5, pp. 117-134, 1986.
- 67. "Game Theory in the Social Sciences: A Game-Theoretic Approach to Political Economy," (by Martin Shubik), book review in *Journal of Economic Literature*, Vol. 23, No. 4, pp. 1783-1785, December 1985.
- 68. "Reason in Human Affairs," (by Herbert A. Simon), book review in *Journal of Economic Behavior and Organization*, Vol. 6, No. 4, pp. 387-390, December 1985.
- 69. "The Garbage Game, Inflation, and Incomes Policies," (with Clive Bull), *Macroeconomic Conflict and Social Institutions*, (Shlomo Maital and Irwin Lipnowski, eds.), Ballinger Publishing Co., Ch. 4, pp. 121-140, 1985.
- 70. "An Essay on Oskar Morgenstern," Contemporary Economists in Perspective, (Warren Samuels. ed.), JAI Press, 1984.
- 71. "Measurement in Public Choice," (by Steinar Strom), book review in *Economic Journal*, Vol.93, No. 370, pp. 447-448, June 1983.
- 72. "Selfishness, Altruism and Rationality: A Theory of Social Choice," (by Howard Margolis), book review in *Journal of Economic Literature*, Vol. 21, No. 2, pp. 555-557, June 1983.

- 73. Why Take a Game Theoretical Approach to Economics? Institutions, Economics and Game Theory," *Economie Applique*, Vol. 36, No. 4, pp. 673-695, 1983.
- 74. "Rational Expectations of Government Policy: An Application of Newcomb's Problem," (with Roman Frydman and Gerald P. O'Driscoll, Jr.), *Southern Economic Journal*, Vol. 49, No. 2, pp. 311-319, October 1982.
- 75. "Labor Market Search: An Experimental Study," (with Yale M. Braunstein), *Economic Inquiry*, Vol. 20, No. 1, January 1982, pp. 133-144.
- 76. "The Paradox of Redistribution: Some Theoretical and Empirical Results," *Power, Voting, and Voting Power*, (Manfred J. Holler, ed.), Physica-Verlag, Vienna, 1982.
- 77. "When is the Incentive Problem Real?" (with Simeon M. Berman), *Games Economic Dynamics and Time Series Analysis*, (M. Deiotter, E. Furst and G. Schwodiauer, eds.) Physica Verlag, Vienna, 1982.
- 78. "On the Political Sustainability of Taxes," (with Janusz A. Ordover), *American Economic Review*, Vol. 71, No. 2, pp. 278-282, May 1981.
- 79. "Economic Search: An Experimental Study," (with Yale M. Braunstein), *Economic Inquiry*, Vol. 19, No. 1, pp. 1-25, January 1981.
- 80. "Economics and the Theory of Games: A Survey," (with Gerhard Schwodiauer), *Journal of Economic Literature*, Vol. 18, No. 2, pp. 479-527, June 1980.
- 81. "Power Relationships in the International Monetary Fund: The Consequences of Quota Changes," (with Jacob S. Dreyer), *The Review of Economics and Statistics*, Vol. 62, No. 1, pp. 97-106, February 1980.
- 82. "General X-Efficiency Theory and Economic Development," (by Harvey Leibenstein), book review in *Journal of Economic Literature*, Vol. 17, No. 4, pp. 1475-1476, December 1979.
- 83. "Disadvantageous Syndicates in Public Goods Economies," *American Economic Review*, Vol. 69, No. 5, pp. 927-933, December 1979.
- 84. "Voting Weights or Power Proxies: Some Theoretical and Empirical Results," *Applied Game Theory*, (Steven J. Brams, Andrew Schotter, and Gerhard Schwodiauer, eds.), Physica-Verlag, pp. 57-73, 1979.
- 85. "The Effects of Precedent on Arbitration," *The Journal of Conflict Resolution*, Vol. 22, No. 4, pp. 659-677, December 1978.
- 86. "The Inevitability of the 'Paradox of Redistribution' in the Allocation of Voting Weights," (with Dietrich Fischer), *Public Choice*, Vol. 33, No. 2, pp. 49-67, February 1978.

- 87. "An Experimental Study of the Problem of 'Theory Absorption' in N-Person Bargaining Situations or Games," (with Yale Braunstein), *Coalition Forming Behavior*, (Heinz Sauermann, ed.), pp. 1-25, 1978.
- 88. "On Urban Residential Stability and the Core," *Regional Science and Urban Economics*, Vol. 7, No. 4, pp. 321-337, November 1977.
- 89. "Economically Efficient and Politically Sustainable Economic Contractions," *Mathematical Economics and Game Theory*, (Rudolph Henn and Otto Moeschlin, eds.), Berlin, pp. 400-418, 1977.
- 90. "Merger Illusions and Externalities," (with Janusz A. Ordover), *Eastern Economic Journal*, Vol. 3, No. 1, pp. 19-21, January 1976.
- 91. "Auctions and Economic Theory," *Bidding and Auctioning for Procurement and Allocation*, (Yakov Amihud, ed), New York University Press, pp. 3-13, 1976.
- 92. "Auctioning Bohm-Bawerk's Horses," *International Journal of Game Theory*, Vol. 3, No. 4, pp. 195-215, December 1974.
- 93. "Core Allocations and Competitive Equilibrium—A Survey," *Zeitschrift fur Nationalokonomie*, Vol. 33, No. 3-4, pp. 281-313, September 1973.