

## CURRICULUM VITA: MORDECAI KURZ

October 21, 2010

Title: Joan Kenney Professor of Economics, Emeritus

### Personal Information

Residence: 931 Casanueva Place  
Stanford, California 94305

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### Education

Elementary and secondary education in Israel

1952-54: Service in the Armed Forces of Israel

1954-57: B.A., Economics and Political Science, Hebrew University, Jerusalem

1958: M.A., Economics, Yale University, New Haven, Connecticut

1960: M.S., Statistics, Stanford University, California

1962: Ph.D., Economics, Yale University, New Haven, Connecticut

### Academic Positions

1961-1962: Research Associate, Institute for Mathematical Studies in the Social Sciences, Stanford University

1962-1963: Assistant Professor of Economics, Stanford University

1963-1964: Lecturer in Economics, Hebrew University

1964-1966: Senior Lecturer in Economics, Hebrew University

1966-1967: Visiting Associate Professor of Economics, Stanford University

1967-1968: Associate Professor of Economics, Stanford University

1971-1989: Director of Economics, the Institute of Mathematical Studies in the Social Sciences

1969-2010: Professor of Economics, Stanford University

1997-2010: Joan Kenney Professor of Economics

2010- : Joan Kenney Professor of Economics, Emeritus

Professional Associations and Fellowships

Ford Management Fellowship - 1958

Yale University Fellowship - 1959

Ford Faculty Fellowship - 1973

Guggenheim Fellow - 1977/1978

Principal Investigator on National Science Foundation grants since 1969

Fellow of the Econometric Society

Fellow of the Institute for Advanced Studies, The Hebrew University,  
Mount Scopus, Jerusalem 1979-80

Member of Society for Economic Dynamics and Control

Member of the American Economic Association

Member of the Society for the Promotion of Economic Theory

Associate Editor of the Journal of Economic Theory, 1974-1991

Research Associate, National Bureau of Economic Research, 1979-82

Member of the Program Committee: World Congress of the Econometric Society, 1980

Chairman of the Program Committee: the Summer Meeting of the Econometric Society, 1984

Lady David Visiting Professor, The Hebrew University of Jerusalem. Spring of 1993. Keynes Lectures  
- Catholic University, Milan Italy. March 1995.

Co-Editor of Economic Theory, 1997- 2008

Charter Member of the Game Theory Society, 1998

Member of the board of directors, Beer-Sheva University of the Negev, Israel, 1998-

Member - board of Directors, Economic Theory Center, University of Melbourne, Australia, 2003-

Member of the Advisory Board, Annals of Finance, 2004 -

Member of the Advisory Board, Economic Theory, 2008 -

Gabelli Lectures - Catholic University, Milan Italy. April 2006.

Consulting Work to the Public Sector (at various dates in the past):

Economic Consultant to SRI International for public sector work:

U.S. Department of Agriculture

Health, Education and Welfare

Labor Department

Economic Consultant to the World Bank

Special Economic Consultant to the Government of Canada, Health and Welfare

Economic Consultant to the Province of Manitoba, Canada

Special Economic Advisor, The President's Commission on Pension Policy,

Washington, D.C. Worked on problems related to individual pension strategy, asset  
management and related public policy issues

## Publications of Mordecai Kurz

### I. Books and Monographs

1. Components of Economic Growth of National Output, Long Range Planning Service, Stanford Research Institute, Menlo Park, California (November, 1967).
2. Public Investment, the Rate of Return, and Optimal Fiscal Policy (with K. J. Arrow), the Johns Hopkins Press, Baltimore (1970).
3. Endogenous Economic Fluctuations: Studies in the Theory of Rational Beliefs, Mordecai Kurz (ed.), Springer Series in Economic Theory, No. 6, Springer Verlag, August 1997.

### II. Papers

- "Patterns of Growth and Valuation in a Two-Sector Model," Yale Economic Essays (1962); 403-73.
- "The Rate and Direction of Inventive Activity (NBER Conference)," Journal of the American Statistical Association (December 1962); 36-8 (Book Review).
- "Two Sector Extension of Swan's Model of Economic Growth: The Case of No Technical Change," International Economic Review, IV (1963); 1-12.
- "Substitution Versus Fixed Coefficients of Production: A Comment," Econometrica (January-April 1963); 209-17
- "Engineering Estimates of Capital-Labor Substitution in Metal Machining Operations" (with A. Manne), The American Economic Review (September 1963); 662-81.
- "On the Dividend Policy of Electric Utilities" (with P. Dhrymes), The Review of Economics and Statistics (February 1964); 76-82.
- "Technology and Scale in Electricity Generation" (with P. Dhrymes), Econometrica (July 1964); 287-315.
- "Optimal Paths of Capital Accumulation Under the Minimum Time Objective," Econometrica (January 1965); 42-66.
- "Investment, Dividend, and External Finance Behavior of Firms" (with P. Dhrymes), in Determinants of Investment Behavior, Universities-National Bureau Conference Series No. 18 (1967); 427-85.
- "The General Instability of a Class of Growth Processes," Review of Economic Studies (April 1967); 155-74.

- "On the Inverse Optimal Problem," in Mathematical Systems Theory and Economics, edited by H. W. Kuhn and G. P. Szego, Springer-Verlag (1968); 189-202.
- "Optimal Growth and Wealth Effects," International Economic Review (October 1968); 348-57.
- "Optimal Consumer Allocation Over an Infinite Horizon" (with K. J. Arrow), Journal of Economic Theory (June 1969); 68-91.
- "Optimal Public Investment Policy and Controllability with Fixed Private Savings Ratio" (with K. J. Arrow), Journal of Economic Theory (August 1969); 141-77.
- "Tightness and Substitution in the Theory of Capital," Journal of Economic Theory (October 1969); 244-72.
- "The Growing Economy" by J. E. Meade, The Journal of Finance (March 1970); 190-3 (Book Review).
- "Optimal Growth with Irreversible Investment in a Ramsey Model," (with K. J. Arrow), Econometrica (April 1970).
- "On the Efficiency of Competitive Programs in an Infinite-Horizon Model" (with D. Starrett), Review of Economic Studies (July 1970).
- "The Seattle Experiment: The Combined Effect of Income Maintenance and Manpower Investments" (R. G. Spiegelman), American Economic Review (May 1971); 22-9.
- "Axiomatic Choice Models" by H. N. Weddepohl, Journal of Economic Literature (December 1971); 1184-5 (Book Review).
- "Efficiency Prices in Infinite Dimensional Spaces: A Synthesis" (with M. Majumdar), Review of Economic Studies (April 1972); 147-58.
- "The Assignment Model of the Seattle and Denver Income Maintenance Experiments" (with J. Conlisk), SIME-DIME Memorandum No. 15, Stanford Research Institute, Menlo Park, California (July 1972).
- "Social Experimentation: A New Tool in Economic and Social Research," Working Paper No. 36, Institute for Mathematical Studies in the Social Sciences, Stanford University (November 1973).
- "The Experimental Horizon and the Rate of Time Preference for the Seattle and Denver Income Maintenance Experiments" (with R. G. Spiegelman and R. West), Research Memorandum No. 21, Stanford Research Institute, Menlo Park, California (November 1973).

- "The Kesten-Stigum Model and the Treatment of Uncertainty in Equilibrium Theory," in Essays on Behavior Under Uncertainty (Chapter 13), edited by M. Balch, D. McFadden and S. Wu, North Holland Publishing (1974); 389-99.
- "Equilibrium in Finite Sequence of Markets with Transaction Cost," Econometrica, Vol. 42, No. 1 (January 1974); 1-20.
- "Equilibrium with Transaction Cost and Money in a Single Market Exchange Economy," Journal of Economic Theory, Vol. 17, No. 4 (April 1974); 418-52.
- "Arrow-Debreu Equilibrium of An Exchange Economy With Transaction Cost," International Economic Review, Vol. 15, No. 3 (October 1974); 699-717.
- "Experimental Approach to the Determination of the Demand for Public Goods," Journal of Public Economics, Vol. 3, No. 4 (November 1974); 329-48.
- "Experimental Approach to the Determination of the Demand for Public Goods: A Reply," Journal of Public Economics, Vol. 13, No. 4 (November 1974); 431-32.
- "A Cross Sectional Estimation of Labor Supply for Families in Denver 1970" (with P. Robins, R. Spiegelman, R. West and H. Halsey), Research Memorandum No. 24, Stanford Research Institute, Menlo Park, California (November 1974).
- "On the Structure of Trade," (with R. Wilson), Economic Inquiry, Vol. 12, No. 4 (December 1974); 493-516.
- "A Study of the Demand for Child Care by Working Mothers" (with P. Robins and R. Spiegelman), Research Memorandum No. 27, Stanford Research Institute, Menlo Park, California (August 1975).
- "The Impact of Income Maintenance on Labor Supply: A Tentative Evaluation of 18 Months on the Seattle and Denver Income Maintenance Experiments" (with R. Spiegelman, P. Robins and R. West), Research Memorandum No. 28, Stanford Research Institute, Menlo Park, California (October 1975).
- "The Impact of Income Maintenance on Labor Supply: Report on Experimental Results for 18 Months" (with staff members of Stanford Research Institute), S.R.I. Report to H.E.W. (January 1976).
- "Quantity Constraints As Substitutes for Inoperative Markets: The Case of the Credit Markets," Technical Report No. 205, Institute for Mathematical Studies in the Social Sciences, Stanford University, (April 1976).

- "Altruistic Equilibrium," in Economic Progress, Private Values and Public Policy: Essays in honor of William Fellner, B. Ballasa and R. Nelson (eds.), North Holland (1977), Chapter 8; 177-200,
- "The Manitoba Sample Design," report submitted to Mincome, Manitoba, Winnipeg, Canada (1977).
- "Power and Taxes in a Multi-Commodity economy" (with R. Aumann), Israel Journal of Mathematics, Vol. **27** (1977); 185-234.
- "Distortion of Preferences, Income Distribution and the Case for a Linear Income Tax," Journal of Economic Theory, Vol. **14**, No. 2 (April 1977); 291-8.
- "Power and Taxes" (with R. Aumann), Econometrica, Vol. **45** (July 1977); 1137-61.
- "Funding the Social Security System: Evaluation of the Issues," report submitted to Health and Welfare, Canada (July 6, 1977).
- "Negative Income Taxation," in Federal Tax Reform, Michael J. Boskin (ed.) Institute for Contemporary Studies, San Francisco (1978), Chapter 5; 145-70.
- "Income Distribution: Theory and Evidence," Israel Quarterly Journal of Economics, A Volume in Honor of Amotz Morag (January 1978), (in Hebrew).
- "Power and Taxes in a Multi-Commodity Economy (Updated)," (with R. Aumann) Journal of Public Economics, Vol. **9**, No. 2 (April 1978); 139-62.
- "Altruism As An Outcome of Social Interactions," A.E.R. Papers and proceedings (May 1978); 216-22.
- "Selected Economic Writings of Oskar Morgenstern," edited by Andrew Schotter, The Business History Review, Vol. **52**, No. 3 (Autumn 1978); 431-2 (Book Review).
- "Current Issues of the U.S. Pension System" (with M. Avrin), paper prepared for the President's Commission on Pension Policy (1979).
- "The Size Distribution of Income: How Has It Changed?" in Economics and Human Welfare: Essays in Honor of Tibor Scitovsky, Michael Boskin (ed.), Academic Press, New York (1979).
- "Equilibrium and Disequilibrium in Economic Theory," edited by Gerhard Schwodiauer, Journal of Economic Literature (March 1979), (Book Review).
- "The Effects of Pensions on Capital Formation: A Framework for Sample Analysis," A report submitted to the President's Commission on Pension Policy, SRI International, Menlo Park

(January 1980).

- "Income Distribution and Distortion of Preferences: The P Commodity Case," Journal of Economic Theory, Vol. **22**, No. 1 (February 1980); 99-106.
- "The Effects of Social Security and Private Pensions on Family Savings," Technical Report No. 335, Institute for Mathematical Studies in the Social Sciences, Stanford University (May 1981).
- "Unemployment Equilibrium in an Economy with Linked Prices," Journal of Economic Theory, Vol. **26**, No. 1 (February 1982); 100-123.
- "The Design of the Seattle and Denver Income Maintenance Experiments" (with R. G. Spiegelman), SIME-DIME Memorandum No. 18, SRI International, Menlo Park, California (May 1982).
- "Pareto Optimal Nash Equilibria are Competitive in a Repeated Economy" (with S. Hart), Journal of Economic Theory, Vol. **28**, No. 2 (December 1982); 320-46.
- "Optimal Retirement Age," in Controlling the Cost of Social Security, C. Campbell, (ed.), The American Enterprise Institute, Washington, D.C. (1983).
- "Entrepreneurial Activity in a Complex Economy," in Entrepreneurship, J. Ronen (ed.), The Price Institute for Entrepreneurial Activity, Lexington Books, New York (1983); 291-300.
- "Measuring Income Inequality," by Frank Nygard and Arne Sandstrom, Journal of Economic Literature (March 1983); 38-9 (Book Review).
- "Game Theory in the Social Sciences," by Martin Shubik, Journal of Economic Literature (June 1983), (Book Review).
- "Endogenous Formation of Coalitions" (with S. Hart), Econometrica, Vol. **51**, No. 4 (July 1983); 1047-64.
- "Voting for Public Goods" (with R. Aumann and A. Neyman), Review of Economic Studies, Vol. **50**, No. 163 (October 1983); 677-94.
- "Stable Coalition Structures" (with S. Hart, in Coalitions and Collective Action, M. J. Holler (ed.), Physica-Verlag, Wurzburg-Wien (1984); 235-58.
- "Capital Accumulation and the Characteristics of Private Intergenerational Transfers," Economica, Vol. **51** (February 1984); 1-22.
- "Heterogeneity in Savings Behavior: A Comment," in Frontiers of Economics, K. J. Arrow and S. Honkapohja (eds.), Basil Blackwell Publishers, London (1985); 307-27.

- "Reconsideration of Duopoly Theory: A Cooperative Perspective," in Issues in Contemporary Microeconomics and Welfare, George R. Feiwel (ed.), Macmillan (1985); 245-80.
- "Cooperative Oligopoly Equilibrium," European Economic Review, Vol. 27, No. 1 (February 1985); 3-24.
- "On Asymmetric Information, Unemployment and Inflexible Wages," in Essays in Honor of Kenneth Arrow, Walter P. Heller, Ross M. Starr and David Starrett (eds.), Cambridge University Press, Cambridge (1986), Chapter 8; 219-49.
- "Game Theory in the Social Sciences," Vol. I and Vol. II by Martin Shubik, Journal of Political Economy, Vol. 94, No. 3 (June 1986); 684-9 (Book Review).
- "The Life Cycle Hypothesis As a Tool of Theory and Policy," in Arrow and the Foundations of The Theory of Economic Policy, George R. Feiwel (ed.), Macmillan (1987), Chapter 17; 447-90.
- "Power and Public Goods" (with R. Aumann and A. Neyman), Journal of Economic Theory, Vol. 42 (June 1987); 108-27.
- "Coalition Value," in The Shapley Value: Essays in Honor of Lloyd Shapley, Alvin E. Roth (ed.), Cambridge University Press, Cambridge 1988, pp. 155-174.
- "Myopic Decision Rules," in The New Palgrave, J. Eatwell, M. Milgate and P. Newman (eds.), Macmillan, London 1988.
- "Competition, Linear Pricing and Rationing in Credit Markets," in Economics of Imperfect Competition and Employment: Joan Robinson and Beyond, George R. Feiwel, (ed.), MacMillan 1989, pp. 508-531.
- "Understanding the Past in Order to Assess the Future: On Learning Price Equilibrium Processes," in Essays in Honor of Frank Hahn, Dasgupta, P., O. Hart, D. Gale and E. Maskin (ed.), Cambridge University Press, 1992, pp. 291-315.
- "General Equilibrium with Endogenous Uncertainty," Department of Economics, Mimeo, 1993.
- "Game Theory and Public Economics", in Handbook of Game Theory and Economic Applications, Aumann, R. and S. Hart, H. (ed.), North-Holland, 1994.
- "On the Structure and Diversity of Rational Beliefs," Economic Theory, Vol. 4, pp. 877-900, 1994 .
- "On Rational Belief Equilibria, Economic Theory, Vol. 4, pp. 859-876, 1994.



- "Rational Preferences and Rational Beliefs," in The Rational Foundations of Economic Behavior, International Economic Association, K.J. Arrow, E. Colombaro, M. Perlman and C. Schmidt (eds.), Macmillan, 1995.
- "Rational Beliefs and Endogenous Uncertainty: an Introduction ", Economic Theory, **8** pp. 383 - 397, October 1996.
- "Endogenous Uncertainty in a General Equilibrium Model with Price Contingent Contracts", (with H.M. Wu) , Economic Theory, **8** pp. 461-488, October 1996.
- "Coordination and Correlation in Markov Rational Belief Equilibria", (with Martin Schneider), Economic Theory, **8** pp. 489-520, October 1996.
- "Endogenous Economic Fluctuations and Rational Beliefs: A General Perspective", Chapter 1 in Endogenous Economic Fluctuations: Studies in the Theory of Rational Belief, Mordecai Kurz (ed.) Springer series in Economic Theory, No.6, August 1997.
- "Asset Prices with Rational Beliefs," Chapter 9 in a monograph entitled Endogenous Economic Fluctuations: Studies in the Theory of Rational Belief, Mordecai Kurz (ed.) Springer series in Economic Theory, No.6, August 1997.
- "The Equity Premium is No Puzzle ". (with A. Beltratti). Chapter 11 in a monograph entitled Endogenous Economic Fluctuations: Studies in the Theory of Rational Belief, Mordecai Kurz (ed.) Springer series in Economic Theory, No.6, August 1997.
- "On the volatility of Foreign Exchange Rates". Chapter 12 in a monograph entitled Endogenous Economic Fluctuations: Studies in the Theory of Rational Belief, Mordecai Kurz (ed.) Springer series in Economic Theory, No.6, August 1997.
- "Social States of Belief and the Determinants of the Equity Risk Premium in A Rational Belief Equilibrium". In a monograph entitled Functional Analysis and Economic Theory, Y.A. Abramovich, E. Avgerinos and N.C. Yannelis (eds.), pp. 171 - 220, Springer Verlag, 1998.
- "Endogenous Uncertainty and Market Volatility", (with Maurizio Motolese). Economic Theory, **16** pp.497 - 544, 2001 .
- "Endogenous Uncertainty: A Unified View of Market Volatility". Chapter **9** in F. Petri and F. Hahn (eds.) General Equilibrium: Problems and Prospects, pp. 246 -282, London and New York: Routledge, 2003.
- "Endogenous Fluctuations and the Role of Monetary Policy", (with Hehui Jin and Maurizio Motolese). Chapter 10 in P. Aghion, R. Frydman, J. Stiglitz and M. Woodford, (ed.) Knowledge, Information and Expectations in Modern Macroeconomics: Essays In Honor of

Edmund S. Phelps, pp. 188 -227, Princeton University Press: Princeton, N.J. , 2003.

- “Determinants of Stock Market Volatility and Risk Premia,” (with Hehui Jin and Maurizio Motolese). Annals of Finance, **1**, 109-147, January 2005.
- “The Role of Expectations in Economic Fluctuations and the Efficacy of Monetary Policy,” (with Hehui Jin and Maurizio Motolese). Journal of Economic Dynamics and Control, **29**, 2017 - 2065, 2005
- “Public Policy Evaluation, Social Risk and Pension Capital.” Rivista Internazionale di Scienze Sociali, 389-416, 2006
- “Beauty Contests, Private Information and Diverse Beliefs.” Journal of Mathematical Economics, **44**, 762 - 784, 2008
- “Rational Diverse Beliefs and Economic Volatility.” Chapter 8 in Handbook on Financial Markets: Dynamics and Evolution, T. Hens and K. Shenk-Hoppé (Ed.), 439-506. North Holland, 2009
- “On the Role of Market Belief in Economic Dynamics: An Introduction.” Economic Theory, **47** , May 2011 (forthcoming) .
- “Diverse Beliefs and Time Variability of Risk Premia,” (with Maurizio Motolese). Economic Theory, **47** , May 2011 (forthcoming) .

### III. Work in Progress

1. Kurz, M. (2010): “A New Keynesian Model with Diverse Beliefs.” Working Paper, Stanford University, October 29, 2010.
2. Kurz, M. (2005): “Diverse Beliefs, Forecast Errors and Central Bank Policy.” Working Paper, Stanford University, July 12, 2005.