

CURRICULUM VITAE

MENAHEM SPIEGEL

January 2004

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EDUCATION

PhD.(1975) Economics, University of Chicago
M.A.(1972) Economics, University of Chicago
B.A.(1969) Economics, Hebrew University of Jerusalem

POST GRADUATE STUDIES

Legal Institute for Economists, Emory University, Atlanta (1983).

ACADEMIC EXPERIENCE

2003 Fall Department of Business and Public Policy, The Wharton School of Business.
University of Pennsylvania, Philadelphia PA.

1996 - Department of Finance and Economics, Graduate School of Management,
Rutgers University NJ. (Tenured)

1987-1995 Department of Economics and Center for Energy and the Environment,
University of Pennsylvania, Philadelphia PA.

1986 Department of Economics, University of Connecticut, CT,

1981-1986 Department of Economics, University of Haifa, Israel.

1980 Research Fellow, Universite Catholique de Louvain, Belgium.

1975-1979 Department of Economics, University of Haifa, Israel.

1983,1986 Department of Economics, Emory University, Atlanta, GA.

1980, Fall Department of Economics, University of California, Irvine.

1977, Summer Department of Economics, University of California, Los Angeles.

AWARDS AND HONORS

1970-1974 Ford Foundation Fellow, The University of Chicago.

1980 Research Fellow, Universite Catholique de Louvain, Belgium.

THESIS

"Transaction Prices and Information Costs in the Labor Market"
(Ph.D. thesis, The University of Chicago, 1975).

PUBLICATIONS

"Cournot-Nash and Lindahl Equilibria in Pure Public "Bad" Economies" (with B. Shitovitz) *Economics Theory*, vol. 22, 2003.

"Public Safety as a Public Good: The case of 911." In *Markets, Pricing, and Deregulation of Utilities*. M. Crew and J. Schuh Eds. Kluwer, Academic Publishers 2003.

"Stable Provision Vs. Cournot-Nash Equilibrium in Pure Public Good Economies" (with B. Shitovitz) *Journal of Public Economics Theory*, Vol. 3, pp. 219-224, 2001

"Universal Service Obligation: Price and Quantity Regulation." In *Expanding Competition in Regulated Industries*, Michael A. Crew (ed.) Kluwer, Academic Publisher. 2000.

"Cournot-Nash and Lindahl Equilibria in Pure Public Good Economies" (with B. Shitovitz) *Journal of Economic Theory* v. 83 1-18, 1998.

"Computable General Equilibrium Models of Electricity Emissions."
In *Regulation Under Increasing Competition*, Michael Crew (ed.) Kluwer, Academic Publisher. 1998.

"Charity Without Altruism" *Economic Inquiry*, v. 33, #4 pp 625-639, October 1995.

"Market Structure and Market Coverage in the Presence of Network Externalities," (with B. Bental). *The Journal of Industrial Economics* v.6 pp 283-296, 1994.

"Deregulation and Competition in the Market for Telecommunication Network Services" (with B. Bental). *The Journal of Regulatory Economics*, v.6 pp 283-296, 1994.

"Options Market for Electricity: A Proposal" *International Issues in Energy Policy, Development and Economics* Fereidun Fesharaki and J.P. Dorian (eds.) Westview Press, Boulder Colorado, 1992.

"Urban Land Use and the Location of Polluting Plants," (with U. Spiegel) *Regional Science Retrospect and Prospect*, D. Boyce, P. Nijkamp and D. Shefer (eds.) Springer-Verlag, Berlin 1991.

"An Ordinary Economic Rationale for Extraordinary Legal Sanctions" (with D. Haddock and F. McChesney). *The California Law Review*. v. 78 #1, January 1990.

"Externalities in Consumption of Telecommunication Services and the Optimal Network Size," (with B. Bental) *Telecommunication Demand Modeling: An Integrated View*, (Contributions to Economic Analysis, 187) A. De Fontenay (ed.) North Holland, Amsterdam 1990.

"Top of the Line Quality as An Optimal Solution for a Multi Quality Monopolist," (with B. Shitovitz and S. Weber), *European Economic Review*, v. 33 #8 October 1989.

"The Effects of Lump Sum Subsidies on the Structure of Production and Productivity in Regulated Industries,"(with M. Kim). *Journal of Public Economics*, 34, 1, 1987.

"Comprehensive Income Tax: Principles for Implementation in Israel," (with E. Sheshinsky). in *Issues in Taxation*, Jerusalem, June 1987.

"Tax Expenditures in Israel," (with E. Sheshinsky), *Social Policy in Israel 1985 - 1986*, The Center for Social Policy Studies in Israel, Jerusalem, 1986.

"Implementation of the Etzioni Commission Recommendations," (with D. Sharon). Israel Outlays for Human Services 1984, Y. Kop (ed.), The Center for Social Policy Studies in Israel, Jerusalem, 1985.

"Property Rules, Liability Rules and Inalienability: One View of the Edgeworth Box," (with D. Haddock) *Proceedings of The European Association for Law and Economics*, v. 1, Sweden 1984.

"Horizontal Product Differentiation, Prices and Quality Selection of a Multi Product Monopolist," (with B. Bental) *International Journal of Industrial Organization*, v. 3, 1, 1984.

"The Agency Problem and Behavior Towards Risk," (with U. Ben Zion) *The Atlantic Economic Journal*, v.XI, 1, 1983.

"Deficit Financed Subsidies and the Consumer Welfare," (with B. Bental) *Issues in the Economy of Israel*, Israeli Economic Association, Jerusalem, 1983, Z. Susman ed.

"Management Contribution and the Allocation of Time in a Labor Managed Firm," (with B. Bental and U. Ben Zion) *Journal of Comparative Economics*, v. 6, 4, 1982.

"Pricing Policies Under Conditions of Spatial Competition," *Journal of Industrial Economics*, v. XXXI, 12, September/December 1982.

"Cropsharing Competition and Efficiency; Reconsidered," (with U. Ben Zion) *The Canadian Journal of Agricultural Economics*, v. 29, 2, July 1981.

"Government Subsidies, Inflation and Consumer Welfare," (with B. Bental) *Recherches Economiques de Louvain*, v. 47, 2, 1981.

"A Survey of the Economic Consideration in the High Education and the Matriculation," (with U. Ben Zion and D. Landau) *Matriculation*, B. Nevo (ed.), Am Oved, 1980.

"R & D and Israel's Industrial Export Performance: An Application of Multi Dimensional Scaling," (with M. Kellman) *American Economist*, v. XLV, 2, Fall 1980.

"Efficiency and Compensation of Public Officials," (with U. Ben Zion) *Public Choice*, v. 35, 1980.

"On the Non-Optimality of Auctions: The Case of Profit Sharing," (with U. Ben Zion) *Atlantic Economic Journal*, v.10, July 1979.

"Free High School Education and its Implication on Income Distribution," (with U. Ben Zion and D. Landau) *Economic Quarterly*, December 1978,

"*The Profitability of Vocational Schooling in Israel*", The Manpower Planning Authority of Israel, The Ministry of Labor, Jerusalem, 1968.

CURRENT RESEARCH PAPERS

"Ownership Rights Vs. Contractual Rights when a Corporation is Under Financial Distress; A Welfare analysis of Alternative Legal Rules". (with B. Bental)

"On the Joint Implementation in the Public Good Market and the Global Environmental Facility (GEF)" (with P.Kleindorfer and S. Sang).

"Privatization of Electricity Generating Capacity, Evaluation of some Economic Efficiency Considerations for Thailand" (with P. Ruangrong).

EDITORIAL BOARD MEMBERSHIP

Journal of Regulatory Economics 2000-

RECENT REFEREE FOR ACADEMIC JOURNALS

Economic Inquiry.
International Journal of Industrial Organization.
Journal of Economics and Business.
Journal of Industrial Economics.
Journal of Regulatory Economics

CONSULTING AND OTHER AFFILIATIONS

1994 Consultant to the City of Philadelphia on implementing environmental studies.

1993 Consultant to The West Virginia Trial Lawyers Association in AMICUS CURIA, The U.S. Supreme Court, in TXO Vs. Alliance.

- 1992 Testimony before Senate of Pennsylvania Committee: Consumer Protection and Professional Licensure. Hearing on February 1992. The impact of the GPU-DQE Transmission Line project.
- 1992 Consultant, Sugerman and Associates; Transmission Line project.
- 1979 Consultant, Israeli Consumer Union. Advising on economic aspects of anti-trust laws in Israel.
- 1968-69 Organizing executive training programs for municipal and local government officials. Sponsored by Josephthal Fund.
- 1967-69 Planning Economist, Manpower Planning Authority of Israel, Ministry of Labor, Jerusalem.

UNIVERSITY ACTIVITIES

Doctoral Dissertation Supervision:

- Pilapa Ruangrong: "Privatization of Electricity Generating Capacity, Evaluation of some Economic Efficiency Considerations for Thailand," Ph.D., University of Pennsylvania, May 1992.
- Daniel Haling: "An Empirical Analysis of the effect of Oil Price Fluctuation on Agricultural Productivity in an Oil-Exporting Economy: A Case Study of Mexico," Ph.D., University of Pennsylvania, May 1992.
- Antoine Eustache: "Economies of Scope and the Efficiency of Vertical Integration of Electric Utilities," Ph.D., University Of Pennsylvania, May 1993.
- Leo Ukpong: "The Impact of Monetary Policy on Energy Futures," Ph.D. University of Pennsylvania, September 1994.
- Michael J. Podolsky: "Variable Rate Pricing of Residential Solid Waste Services" Ph.D. University of Pennsylvania, December 1994.
- Shim R. Sang: "Three Essays on Current Issues of Resource Economics and Global Pollution" Ph.D. University of Pennsylvania, September 1995.
- Yonyoung Kang: "CO₂, Energy and Economy Interactions: A Multisectorial, Dynamic, Computable General Equilibrium Model for Korea" Ph.D. University of Pennsylvania, December 1997.

University Service

Rutgers University:

Center For Research IN Regulated Industries

Associate Director 2002-

Program committee

Rutgers Business School

Research Resource Committee, Chair 2002-2003

Research Resource Committee, member 2003-2004

Department of Finance and Economics

Coordinator of qualifying examinations 1999, 2000, 2001, 2002, 2003, 2004.

Departmental Bylaws committee. 2002-2003

University of Pennsylvania.

Faculty Associate, Center for Law and Economics.

Associate Director Center for Energy and the Environment.

Graduate Recruiting & Admissions Committee.

Qualifying Examination Committee.

Seminar co-convener "Nonprofit Organizations and Voluntary Activity." (1991)

University of Haifa.

Various Law School Committees including Curricula and Computerization (chair).

Workshop Law and Social Sciences.

Coordinator of the Business/Economics section of the curricula in the Faculty of Law.

Coordinator of the joint Program/Degree in Law and Economics.

Course Head and Teaching Coordinator for multi-section undergraduate courses.

University Senate elected representative.

Senate Committee member.

COURSES TAUGHT**Rutgers University**

Managerial Economics

Advanced Microeconomics Theory

Aggregate Economics

Macroeconomics Policy

University of Haifa

Economics of Regulation

Law and Economics

Corporate Finance

University of Pennsylvania

Law and Economics

PhD Research Workshop - Economics of Regulation.

Introductory Micro & Macro Economics courses.
Managerial Economics.
Resource & Environmental Economics.

Executive Training

Teaching the subjects:
Microeconomics, Energy Economics.
Spot and Futures markets for energy related products.

PRESENTATIONS IN PROFESSIONAL MEETINGS & CONFERENCES

- 2004- January 16, 2004 Advanced Workshop in Regulation and Competition: "Security and Reliability." Newark NJ. Paper presented: "Reliability Revisited after August 14." (With Michael Crew and Paul Kleindorfer)
- 2003- May 22, 2003 22nd Annual Conference: Advanced workshop on Regulation and Competition, Sky top, PA. Paper presented: "The Impact of Political Borders on Regulated Abatement Trading."
- 2002 - Society for Economic Design Meetings. New York. July 8, 2002. Paper presented "trading Equilibrium in Public Good Economy." (with B. Shitovitz)
- 2002 - May 24, 2002; 21th Annual Conference: Competitive Challenge in Network Industries, Newport RI. Paper presented: "Co-opetition Between Telecommunication Networks."
- 2002 - April 8, 2002. Cancun Mexico, Association of Private Enterprise Meetings. Paper presented: "Population Characteristics of the Successful Club."
- 2000 - May 26, 2000; 19th Annual Conference: Competitive Challenge in Network Industries, Lake George, NY. Paper Presented: Multidirectional Communication. (with B. Bental)
- 1999 - May 27-29, 18th Annual Conference: Meeting the Competitive Challenges; Network industries, Newport Rhode Island. "Some Economic Considerations of The Comprehensive Electricity Competition Act."
- 1998- May 27-29, Advanced Workshop in Regulation and Competition; Network Industries in Transition, Vergennes Vermont. "The Interaction Between Regulations in the Electric Utility Industry" (with M. Kim & M. Podolsky)
- 1998- January, American Economic Association Meetings, Chicago, IL "The Effects of Environmental Regulations on the Production of Rate-of-Return Regulated Electric Utility." (with M Kim & M. Podolsky)
- 1997- October, Regulation Under Increasing Competition, Newark, NJ "Computable General Equilibrium Models of Electricity Emissions."

1996- January, American Economic Association Meetings, San- Francisco, CA “Municipal Waste Disposal: Price Incentives and Recycling Opportunities.” (with M. Podolsky)

INVITED PRESENTATIONS

2003 – April 29, 2003. Department of Economics, University of Connecticut. Paper presented: “Inter-Country Abatement Trading and The Global Environmental Facility (GEF)”

2000 - November 15 - November 20, 1999, Institute of International Education Kiev, Ukraine. Managerial and Resource Economics for Executive MBA.

1999 - June 24. Department of Economics, The Hebrew University of Jerusalem. Presentation: A survey my recent papers in the area of games in public goods.

2001- November 28 - December 2, Institute of International Education Kiev, Ukraine. Managerial and Resource Economics for Executive MBA.

1998 - February 17&18. Institute of International Education, Washington DC: ”National Energy Policy & Planing Workshop.”

1996 - May 15, Resources For The Future, Washington DC: “Municipal Waste Disposal: Price Incentives and Recycling Opportunities.” (with M. Podolsky)