

MARTIN B. ZIMMERMAN

**Ross School of Business
University of Michigan
701 Tappan Street
Ann Arbor, MI 48109**

**Office: 734-615-7234
Cell: 734-476-9702
Email:mbzimmer@umich.edu**

<u>Education</u>	<u>Degree</u>	<u>Dates</u>
Dartmouth College	A.B. (Summa Cum Laude)	1967
M.I.T.	Ph. D. (Economics)	1975
<u>Doctoral Dissertation:</u> Long-Run Mineral Supply: The Case of Coal		
<u>Experience</u>		
Ford Motor Company Clinical Professor of Business Administration, Ross School of Business, University of Michigan		2005 -
Group Vice President, Corporate Affairs, Ford Motor Company		2001 - 2004
Vice President, Governmental Affairs, Ford Motor Company		1999 - 2001
Executive Director, Governmental Relations and Corporate Economics, Ford Motor Company		1994 - 1998
Chief Economist, Ford Motor Company		1987 - 2004
Adjunct Professor, Business Economics, School of Business Administration, The University of Michigan		1988 - 2001
Associate Professor, Professor, and Chairman of Business Economics, School of Business Administration, The University of Michigan		1983 - 1988
Associate Professor and Professor Economics Department, College of Literature, Science and Arts, University of Michigan		1984 - 1988
The Senior Staff Economist for Energy, Environment and transportation, President's Council of Economic Advisors, White House, Washington, D.C.		1985 - 1986
Associate Professor of Management, Sloan School of Management, M.I.T.		1981 - 1983
Assistant Professor of Management, Sloan School of Management, M.I.T.		1977 - 1980
Lecturer, Sloan School, M.I.T.		1975 - 1977
Research Staff, Energy Laboratory, M.I.T.		1974 - 1977
Economist, Ministry of Housing, Government of Chile (Peace Corps)		1968 - 1970

Boards**Dates**

National Bureau of Economic Research	1999 - Present
Commissioner, National Commission on Energy Policy	2003 - 2010
Panel of Economic Advisors to Congressional Budget Office	1998 - 2002
Alliance of Automobile Manufacturers	2000 - 2004
Detroit Metropolitan Visitors & Convention Bureau	2002 - 2004
Economic Alliance of Michigan	1994 - 2004
Transatlantic Policy Network (Business Co-chair)	2002 - 2004
Citizen's Research Council	1990 - 2004
Business for Social Responsibility	2000 - 2003
Community Foundation of Southeast Michigan	2000 - 2003
Committee on Economic Development	1991 - 2004
Rockefeller Center for Social Sciences at Dartmouth College	1994 - 1998
Detroit Regional Chamber of Commerce	1994 - 1998
Trustee, Greenhills School	1991 - 1995
National Aeronautics and Space Administration (NASA) Advisory Council	1988 - 1992

Awards**Dates**

Blue Chip Economic Forecasting Award	1997
Harvard Industrial Economists Forecasting Award	1992
National Fellowship, Hoover Institution	1980 - 1981

Additional Government Service and Congressional Testimony**Dates**

National Academy of Sciences, Panel on Fuel Economy of Heavy and Medium Trucks, Phase II	2012-
National Academy of Sciences, Panel on Fuel Economy of Heavy and Medium Trucks	2009-2010
U.S. Department of Energy, Secretary of Energy Advisory Board, Task Force on Economic Modeling Related to Energy	1991 - 1992
U.S. Congressional Budget Office, Economic Panel, Consultant	1990
Presentation to Symposium of Coal Data Needs, Department of Energy	1979
Briefing presented to Committee on Science and Technology, U.S. House of Representatives	1977

Testimony presented to Committee of Housing, Banking, and Commerce, U.S. House of Representatives	1977
Member, New England Coal Conversion Project	1976
Member, Review Panel, Synthetic Fuels Task Force Report	1976
Member, Review Panel, Federal Energy Solar Energy Administration Southwestern Project	1976
Member, Environmental Advisory Board to Federal Energy Administration	1976 -1977

Publications: Books and Monographs

Energy Self-Sufficiency: An Economic Evaluation, American Enterprise Institute, November 1974 (with M.I.T. Energy Laboratory Policy Group).

The U.S. Coal Industry: The Economics of Policy Choice, M.I.T. Press 1981

Energy in an Uncertain Future: Reserves and Resources of Oil, Gas, Coal and Uranium, (with M. A. Adelman, G. M. Kaufman, J. Houghton), Ballinger Press, 1983

Energy: Markets and Regulation, Essays in Honor of M. A. Adelman, M.I.T. Press, 1986, (co-editor)

Articles

“Prices and Profits in the Petrochemical Industry: An analysis of Investment by Less Developed Countries,” Journal of Industrial Economics, June 1974 with (M. A. Adelman).

“The Economics of Coal Based Synthetic Gas,” Technology Review, July, August 1975 (with O. Hammond).

“Modeling Depletion in a Mineral Industry: The Case of Coal,” Bell Journal of Economics, Spring 1977.

“A Policy Model of U.S. Coal Supply,” R.S. Pindyck, editor, Recent Advances in Energy and Natural Resource Economics, JAI Press, 1979, (Reprinted in Materials and Society, Pergamon Press, Volume 2, 1978)

“Rent and Regulation in Unit-Train Determination,” Bell Journal of Economics, Spring 1979.

“Learning Effects and Commercialization of New Energy Technology: The Case of Nuclear Power,” Bell Journal of Economics, Autumn 1982

“The Valuation of Nuclear Power in the Post Three-Mile Island Era,” The Energy Journal, April 1983

“What happened to Nuclear Power? A discrete Choice Model of Technology Choice,” Review of Economics and Statistics, August 1983 (with Randall Ellis).

“The Economics of Western Coal Severance Taxes,” Journal of Business, October 1983, (with C. Alt and M. Baumann).

“Unionization and Profitability: Evidence from the Capital Market,” Journal of Political Economy, December 1984 (with R. Ruback).

“The Evolution of Civilian Nuclear Power: The Government Role” in H.D. Jacoby, R. L. Gordon, M. B. Zimmerman, eds., Energy: Markets and Regulation, Essays in Honor of M. A. Adelman, M.I.T. Press, 1986

“Regulatory Treatment of Abandoned Property: Incentive Effects and Policy Issues,” Journal of Law and Economics, April 1988

“Market Incentives for the Safe Operation of Commercial Aviation,” American Economic Review, December 1988 (with Severin Borenstein).

“Corporate Responses to NGO Campaigns,” in Lyon, ed., *Good Cop/Bad Cop: Environmental NGOs and their Strategies Toward Business*, Resources for the Future Press, Washington, D.C., 2010.

Conference Proceedings:

A view of Recessions from the Automotive Industry, Beyond Shocks: What Causes Business Cycles, Federal Reserve Bank of Boston, June 1998

“The Potential for Coal in England,” Proceedings of Conference on the Energy Crisis and the New England Economy, Federal Reserve Bank of Boston, October 1975

“Innovation in Energy System,” Proceedings of Symposium on Technological Innovation, Energy Research and Development Administration, Washington, D.C., April 1976.

“Data Needs to Support Modeling and Energy Forecasts,” Proceedings of Energy Information Agency Symposium on Coal Resources and Reserves Information, Washington, D.C., 1979

“Comments on ‘Tax Exporting and the Commerce Clause’ by Charles McClure, Proceedings of 1981 TRED Conference, Lexington Books, 1982

“The Effects of Taxation on the United States Copper and Coal Industries,” Materials and Society, Vol. 5, No. 1, 1981 (with A. Church, J. Clark, and P. Foley) 1980 Mineral Economics Symposium of the AIME.

Working Papers

Bringing Auto Transportation into a CO₂ Cap-and-Trade Regime, MIT Joint Program on the Science and Policy of Global Change, Report No. 136, June 2006, (with A. Denny Ellerman and H.D. Jacoby).

Other Publications and Reports:

The FEA Project Independence Report: An Analytical Assessment, M.I.T. Energy Laboratory, Policy Study Group, May 1975. (Co-Author)

The Commercialization of New Energy Technologies, M.I.T. Energy Laboratory, Policy Study Group, (co-Author)

“Government Programs for the Commercialization of Synthetic Fuels,” 1977 ERDA Authorization Hearings: Vol. II, Committee on Science and Technology, U.S. House of Representatives, February 18, 1976

Statement on the Commercial Development of Synthetic Fuels, U.S. House of Representatives Committee on Banking, Currency and Housing, June 1, 1976

“Coal Pricing Conventions,” Energy Modeling Forum, Stanford, California, 1977 (with H. Stauffer, J. Weyant

“The Competition Between Coal and Nuclear Power,” Coal Review, Data Resources, Inc., June 1980

“Rent Grabbing in the West”, Coal Review, Data Resources, Inc., December, 1980

The Effects of Enforcement of the Coal Mine Health and Safety Act on the Productivity of Coal Mining, Report to the Department of Labor, October 1981 (with Leslie Boden)

“Productivity: A Key to Coal’s Future,” Coal Review, Data Resources, Inc. Winter 1982 (with Ronald Whitfield).