# **EXHIBIT 1**

# CURRICULUM VITAE

# JOSEPH E. STIGLITZ

#### Address

Uris Hall, Room 814 Columbia University 3022 Broadway New York, NY 10027

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#### **Current Positions**

University Professor, Columbia University. Teaching at the Columbia Business School, the Graduate School of Arts and Sciences (Department of Economics) and the School of International and Public Affairs.

Co-founder and Co-President, Initiative for Policy Dialogue, Columbia University

Chair of the Management Board and Director of Graduate Summer Programs, Brooks World Poverty Institute, University of Manchester

Chair, Columbia University Committee on Global Thought

#### **Previous Positions**

Professor of Economics and Senior Fellow, Hoover Institution, Stanford University, 1988–2001 Stern Visiting Professor, Columbia University, 2000

#### Senior Vice President and Chief Economist, World Bank, 1997–2000

Senior Fellow, Brookings Institution, 2000

#### Chairman, Council of Economic Advisers (Member of Cabinet), 1995–1997

Member, Council of Economic Advisers, 1993-1995

Research Associate, National Bureau of Economic Research

Senior Fellow, Institute for Policy Reform

Professor of Economics, Princeton University, 1979–1988

Drummond Professor of Political Economy, Oxford University, 1976-1979

Oskar Morgenstern Distinguished Fellow and Visiting Professor, Institute for Advanced Studies and Mathematica, 1978-1979

Professor of Economics, Stanford University, 1974-1976

Visiting Fellow, St. Catherine's College, Oxford, 1973-1974

Professor of Economics, Cowles Foundation and Department of Economics, Yale University, 1970-1974

Senior Research Fellow, Social Science Division, Institute for Development Studies, University College, Nairobi (under Rockefeller Foundation Grant), 1969-1971

Associate Professor, Cowles Foundation, 1968-1970

Assistant Professor, Cowles Foundation, 1967-1968

Tapp Research Fellow, Gonville and Caius College, Cambridge, 1966-1970

Visiting Professor, Department of Economics, University of Canterbury, Christchurch, New Zealand, June-August, 1967

Assistant Professor of Economics, M.I.T., 1966-1967

#### Education

B.A. Amherst College, 1964

Ph.D. in Economics, M.I.T., 1966-1967

**Unearned Degrees** 

M.A., Cambridge University, 1970

M.A., Oxford, 1976

# **Honorary doctorates**

D.H.L., Amherst College, 1974

University of Leuven, 1996

Ben Gurion University, 1997

Academia de Studii Economice, Bucharest, December 1999

University of Namur, March 2000

Technical University, Lisbon, June 2000

Northwestern University, Doctor of Laws, June 2000

New School University, February 2001

Bard College, May 2001

University of Toronto, June 2001

Charles University, Prague, June 2001

Glasgow University, July 2001

University of Buenos Aires, November 2001

University of Andes, October 2001

Sofia State University "Saint Clement Ohridski," Bulgaria, 2002

Wirtschafts Universitat, Vienna, January 2002

University of Macau, March 2002

Pomona College, May 2002

Université catholique de Louvain la Neuve Belgium, February 2003

Doshisha University, April 2003

University of Barcelona, May 2003

Azerbaijan State Economic University, 2003

Waseda University, April 2004

Georgetown University, May, 2004

Indiana University, May 2004

Pace University, May, 2004

University of Oxford, June 2004

University of Bergamo, Italy, July 2004

Université d'Antananarivo, Madagascar, August 2004

Drexel University, June 2005

Universidad de La Plata, August 2005

Durham University, September 2005

Lingnan University, Hong Kong, December 2005

University of the Basque Country, May 2006

Università degli Studi di Genova, May 2006

Universidad Mayor de San Andrés, Bolivia, May 2006

Renmin University, China, March 2007

University of Venice, Italy, May 2008

University of Liège, Belgium, May 2008

University of Manchester, UK, October 2008

#### Degrees to be Awarded

Babeş-Bolyai University, Romania, 2006

# **Fellowships and Honors**

National Science Foundation Fellowship, 1964-1965

Fulbright Fellowship, 1965-66

Social Science Research Council Faculty Fellowship, 1969-1970

Guggenheim Fellowship, 1969-70

Elected Fellow of the Econometric Society, 1972

#### John Bates Clark Award, American Economic Association, 1979

Fellow, American Academy of Arts and Sciences, 1983

Fellow, National Academy of Science, 1988

International Prize of the Academia Lincei, 1988

UAP Scientific Prize, Paris, France, 1989

Corresponding Fellow of the British Academy, 1993

Rechtenwald Prize, Germany, 1998

Fellow, American Philosophical Society, 1998

#### Nobel Prize in Economics, 2001

Honorary Fellow, Gonville and Caius College, University of Cambridge, 2001

Distinguished Leadership in Government award, Columbia Business School, 2002

Le Prix Europeén du Livre d'Économie, Special Mention for *Globalization and its Discontents*, November 2002

Honorary Professor, Al Farabi Kazakh National University, November 2003

Honorary Fellow, St. Catherine's College, Oxford, 2003

Order of the Gran Cruz con Placa de Oro, Republica de Colombia, 2003

Le Prix Européen du Livre d'Économie, First Prize, for Roaring Nineties, Paris, 2003

Bruno Kreisky Prize for Political Books, Vienna, 2003

Member, Pontifical Academy of Social Sciences, May 2003

John Kenneth Galbraith Award, American Agricultural Economics Association, August 2004

Serbian Scientific Society, December 2005

Honorary Professorship, Wuhan University, Hubei Province, China, March 2006

Changjiang Scholar, China Center for Economic Research, Peking University, China, March 2006

La Medalla de la Orden Nacional "Al Mérito," Ecuador, July 2006

National Center for Law and Economic Justice Benefit Award, May 2006

Honorary Fellowship, Fitzwilliam College, May 2006

Honorary Professorship, Guizhou University, China, March 2007

Honorary Professorship, Yunnan University, China, March 2007

Honorary Professorship, Central University of Finance and Economics, Beijing, China, March 2007

Honorary Dean, Hanqing School, Renmin University, Beijing, March 2007

Le Prix Manpower for Making Globalization Work, October 2007

Honorary Professor, Universidad de San Martin De Porres, Lima, Peru, December 2007

Honorary Professor, Universidad Nacional de San Antonio Abad del Cusco, Peru, December 2007

John F. Kennedy Memorial Fellowship, Fulbright New Zealand, March 2008

Honorary Professorship, Tsinghua University, Beijing, China, March 2008

International Labour Organization, Decent Work Research Prize, June 2008

The Royal Society Foreign Member, May 2009

# **International Positions, Boards, etc. (selected)**

Honorary Member, Board of Directors, Center for Global Development

Intergovernmental Panel on Climate Control (Steering Committee, Working Party 3, second assessment)

Chairman, Economic Policy Committee, OECD. 1993-1995

Member of the Board, Resources for the Future

Member of the Board of Trustees, Amherst College

Trustee, Folger Library, Washington

Member, Executive Supervisory Committee, CERGE-EI, Prague

Executive Board, Economic Research Forum, Cairo

International Advisory Board, Korea Financial Service Commission

U.S./Israel Joint Economic Decision Group (JEDG), 1993-1996

Member, Mid-east Economic Peace Forum, Amman, 1995

Chair, U. S. Delegation, OECD Ministerial, 1996

Member, U.S. Delegation, G-7 Jobs Summit, France, 1996

Chair, U.S. Delegation, G-7 and Developing Country Telecommunications Conference, South Africa, 1996

World Bank Delegate, G-22

Headed, U.S. Delegations to India, China, Russia

World Bank Missions to Ghana, Coite d'Ivoire, South Africa, Tanzania, Kenya, Uganda, India, China (2), Bangladesh, Malaysia, Thailand, Philippines, Korea, Indonesia, Russia, Czech Republic, Romania, Columbia, Argentina, Brazil, Ethiopia (2), San Salvador, Costa Rica, Ecuador, Sri Lanka, Columbia, Morocco

ILO World Commission on the Social Dimensions of Globalization

Principle Investigator, NSF IGERT International Development and Globalization

Institute for the Study of Labor (IZA) Prize in Labor Economics Committee

African Development Bank Independent High-Level Panel

President-Elect, Eastern Economics Association

President-Elect, International Economics Association

Co-Chairman, Commission on the Measurement of Economic Performance and Social Progress

Chairman, Socialist International Commission on Global Financial Issues

Chairman, Commission of Experts of the President of the UN General Assembly on Reforms of the International Monetary and Financial System

Board member, Alliance for Climate Protection

# **Consulting**

Ford Foundation Energy Policy Study, 1973

Department of Labor (Pensions and Labor Turnover), 1974

Department of Interior (Offshore Oil Leasing Programs), 1975

Federal Energy Administration (Intertemporal Biases in Market Allocation of Natural Resources), 1975-76 World Bank

O.E.C.D.

Electrical Power Research Institute

Office of Fair Trading (U.K.) Consumer Protection Legislation

Bell Communications Research

Bell Labs

U.S. State Department - AID

Inter-American Development Bank

State of Louisiana (Attorney General)

State of Texas (Attorney General and Governor's Office)

Office of Tax Analysis, U.S. Treasury

Federal Reserve Board

Office of Technology Assessment

State of Alaska

Seneca Indian Nation

Micronomics

Department of Justice

Senior Advisor, Sebago Associates

New York State, Attorney General's Office

States of California, Washington, and others on Banking Competition

#### **Selected Invited Lectures**

Far Eastern Meetings of the Econometric Society, Tokyo, 1970

Association of University Teachers of Economics, Warwick, 1974

Westfalich Academy of Science

Fifth Annual Lecture of the Geneva Association, delivered at Zurich, March 1983

David Kindall Lecture, University of Illinois, 1985

Frank W. Paish Lecture, Association of University Teachers of Economics, Bath, United Kingdom, 1985

Journal of Money, Banking and Credit Lecture, Western Economic Association, Las Vegas, 1985

Invited Plenary Session Lecture, Meetings of the Sociedade Brasileira de Econometria, Belem, Brazil, December 1986

Upjohn Lecture, Western Michigan University, 1986

Johansen Lectures, Oslo, 1986

Frontiers of Economics Lecture, World Bank, 1986

Harry Lyman Hooker Distinguished Visiting Professors Series, McMaster University, 1986

Shepherd Lecture, State University of Iowa, 1986

Shell Lecture, City University, London, 1986

Rand Chair Distinguished Speaker Series, SUNY-Buffalo, 1987

Fisher-Schultz Lecture, European Meetings, Econometric Society, Copenhagen, 1987

Jacob Marschak Lecture, Far Eastern Meetings, Econometric Society, Tokyo, 1987

Invited Plenary Lecture, American Accounting Association, Cincinnati, 1987

Central Bank of Uruguay, Annual Conference for South American Economists, 1988

Argentina Economic Association, 1988

NÖG Lecture, Austrian Economic Association, 1988

John Crawford Lecture, Economic Congress of Australia (Joint Meeting of Economic Society, The Econometric Society, The Australian Agricultural Society and The Economic History Society of Australia and New Zealand, Canberra), 1988

Stevenson Lectureship, University of Glasgow, Scotland, December 1988

Plenary Session Latin American Meeting of the Econometric Society, Santiago, Chile, August 1989

Musgrave Lecture, University of California, Santa Cruz, March 1990

AT&T Lecture Series, Notre Dame University, April 1990

Wicksell Lectures, University of Stockholm, May 1990

Institute of Public Administration Annual Conference, Dublin, December 1990

IPR-IRIS Conference, Prague, March 1991

Caffee Lecture on Reformulation of Monetary Theory, Rome, April 1991

Lindhal Lectures on Fiscal and Monetary Policy, Uppsala, Sweden, April 1991

Irish Economic Association Annual Conference, Keynote Lecture, Dublin, May 1991

Federal Reserve Bank of Cleveland, May 1991

Villa Mondrage International Economic Seminar, Rome, June 1991

Far Eastern Meeting of the Econometric Society, Seoul, June 1991

Korea Development Institute, Seoul, June 1991

National Association of Business Economists, Los Angeles, September 1991

Marshall Lecture, European Economic Association Annual Meeting, Cambridge, UK, September 1991

NBER/CEPR Conference on Unemployment and Wage Determination, Boston, October 1991

NBER Taxation Program, Cambridge, MA, October 1991

Institute for Policy Reform 1991 AID Economists' Conference, Raleigh-Durham, November 1991

United Nations Conference on Trade and Development, Geneva, December, 1991

CEPR Conference on Finance and Development in Europe, Santiago, Spain, December 1991

Schumpeter Lecture, Kyoto, 1992

Marshall Lecture, Cambridge, 1996

Wider Lecture, Helsinki, 1997

EIB Lecture, Florence, 1997

Indian Development Bank 50<sup>th</sup> Jubilee Lecture, 1998

Prebisch Lecture, Geneva (UNCTAD), 1998

Annual Lecture, Government Economists Association, Chicago, 1998

University of Pittsburgh McKay Lecture, 1998

Institute of International Finance, Cordoba, Argentina, 1998

American Economic Association, Distinguished Lecture on Economics in Government, 1998

Bangladesh Economic Association, 1999

National Economic Research Institute Jubilee Lecture, 1999

Mattioli Lectures, Milan, 1999

Schwartz Lecture, Northwestern, 1999

McKenzie Lecture, Rochester, 1999

Nobel Symposium in Economics: The Economics of Transition, Saltsjöbaden, Sweden, 1999

Oxford Amnesty Lecture, 1999

Bruno Lecture, Beunos Aires, 1999

Papandreou Lecture, Athens, 1999-2000

Center for Contemporary Arab Studies, Georgetown University, 2000

Calouste Gulbenkian Foundation, Lisbon, 2000

Money, Macro and Finance Research Group Millennium Conference, London, 2000

HKEA First Biennial Conference, Hong Kong, 2000

Fifteenth Annual Henry George Lecture, University of Scranton, 2000

(Keynote speaker, invited lecture, at national or regional economic meetings in Bogota, Montivedeo, Colombo, Manila, Seoul, Tokyo, Bangkok, Marrakech, Cairo, Kampala, Nairobi, Dacca, Kuala Lampur, San Salvador, San Jose (Costa Rica))

Goldman Lecture in Economics, Wellesley University, 2001

Arthur M. Okun Lecture Series, Yale University, 2001

Global Employment Forum, International Labor Office, Geneva, 2001

Fourteenth Annual Emile Grunberg Lecture Series, The University of Akron, 2001

Sixth International Congress, Centro Latinoamericano de Administración para el Desarrollo, 2002

Austrian Federal Ministry for Economic Affairs and Labour discussion forum, Vienna, January 2002

Miliband Lecture, London School of Economics, 2002

Keynote address, New School Graduate Program in International Affairs, "Economic Management and Political Collapse in Argentina" conference, April 2002

National Economic Council, Caracas, 2002

World Knowledge Forum, Seoul, 2002

Cercle de Economistes, Aix en Provence, 2002

Okigbo Memorial Lecture Series, inaugural edition, Enugu, Nigeria, 2002

Brazilian Economic and Social Development Bank fiftieth anniversary seminar, Rio de Janeiro, 2002

Second Prebisch Lecture, Economic Commission for Latin America and the Caribbean, Santiago, Chile, 2002

El Consejo de Economía Nacional conference, Caracas, 2002

Twentieth anniversary of Economics Faculty at the University of Urbino, Italy, 2003

Asian Development Bank Distinguished Speakers Program, Manila, 2003

Clarendon Lecture, Oxford University, 2003

Korean Development Institute, 2003

The Fourth Annual JAMA Lecture, The Elliott School of International Affairs, George Washington University, March 2003

Columbia Business School Distinguished Lecture Series, 2003

Conferencia Internacional Bogotá, 2003

Aaron Wildavsky Forum for Public Policy, Berkeley University, 2004

Second Gunnar Myrdal Lecture, United Nations Economic Commission for Europe, Geneva, 2004

Tanner Lecture, Oxford University, 2004

Keynote Address, Conference on Financial Disintermediation, The Bank Indonesia and Asian Development Bank, Denpasar, Bali, December 2004

Keynote Address, Ministerial Conference on Intellectual Property for Least Developed Countries, World Intellectual Property Organization, Seoul, 2004

Keynote Lecture, Seventh National Conference on Economics, A Coruña, Spain, 2005

Nobel Lecture series, Chinese University of Hong Kong, March 2005

Tenth Sir Arthur Lewis Memorial Lecture, Basseterre, St. Kitts and Nevis, November 2005

Distinguished Lecture in Economics and Public Policy, Clare College, 2006

Yates Lecture, The Murphy Institute, Tulane University, New Orleans, 2006

Jacques de Larosiere Lecture, European Bank for Reconstruction and Development, London, 2006

Takata Yasuma Memorial Lecture, Kyoto University, 2006

Geary Lecture, Economic and Social Research Institute, Dublin, 2006

Keynote Address, University of San Francisco Law School Symposium on Regulatory Federalism, 2006

Fourth Annual KC Basu Lecture, National University of Juridical Science, Calcutta, 2007

Keynote Address, Conference on "Welfare State in the International Economy" University of Texas at Austin, 2007

Annual Frey Lecture on International Property, Duke University, 2007

China Development Forum, 2006, 2007, 2008

Howard University Omicron Delta Epsilon Economic Honors Society Dinner, 2007

Grotius Lecture, 101st Annual Meeting of the American Society for International Law, Washington, DC, 2007

Khazanah National Bank Global Lectures, Kuala Lumpur, Malaysia, 2007

Waseda University 125<sup>th</sup> Anniversary Celebration, Tokyo, 2007

Foundation Day Lecture, University of Manchester, UK, 2008

Kenneth Arrow Lecture, Columbia University, New York, 2008

# **Editing**

Editor, The Economists' Voice

Editor, Journal of Economic Perspectives

Editorial Board, World Bank Economic Review

Associate Editor, Review of Economic Design

Board of Consulting Editors, *Economic Notes* (Monte dei Paschi Di Siena, Italy)

Member, Scientific Committee, Assicurazioni, Rome, Italy

Editorial Board, The Geneva Papers on Risk and Insurance Theory

Editorial Board, Revista de Econometrica

Co-editor with H. Uzawa, Readings in Modern Theory of Economic Growth, M.I.T. Press, 1969

Editor, Collected Scientific Papers of P.A. Samuelson, M.I.T. Press, 1965; Japanese language edition, 1991

General Editor, Econometric Society Reprint Series

Associate Editor, Journal of Economic Theory, 1968-73

Co-editor, Journal of Public Economics, 1980-83

American Editor, Review of Economic Studies, 1968-76

American Editor, American Economic Review, 1968-76

Associate Editor, Energy Economics

Associate Editor, Managerial and Decision Economics

Editorial Board, The Review of Industrial Organization

# **Other Activities**

International Advisory Committee, Barcelona Graduate School of Economics

International Advisory Board, Open Society Foundation

Committee on Graduate Education in Economics, American Economic Association

Member, M.I.T. Corporation Visiting Committee in Economics, 1971-1983

Member, Committee on Urban Public Economics, 1973

Secretary, Econometric Society, 1972-1975

Council, Econometric Society, 1984–1990

Steering Committee, Conference on Mathematical Economics, NBER

Member, Economics Panel, National Science Foundation, 1972-1976

Executive Committee, American Economic Association, 1982-1984; ex-officio, 1985-

Vice-President, American Economic Association, 1985

Special Review Panel, NSF, 1986

Visiting Committee, University of California, Department of Economics, 1989

Member, Nikkei International Academy, 1991

Member, Center for Economic Studies, 1991

#### Articles

#### 1966

"Investment, Income, and Wages," (abstract), with G. A. Akerlof, *Econometrica*, 34(5), Supplementary Issue, 1966, p. 118. (Presented at December meetings of the Econometric Society, New York.)

# 1967

- "Allocation of Investment in a Dynamic Economy," with K. Shell, *Quarterly Journal of Economics*, 81, November 1967, pp. 592-609.
- "A Two-Sector, Two Class Model of Economic Growth," *Review of Economic Studies*, 34, April 1967, pp. 227-238.

# 1968

- "A Note on Technical Choice Under Full Employment in a Socialist Economy," *Economic Journal*, 78(311), September 1968, pp. 603-609.
- "Output, Employment and Wages in the Short Run," with R. Solow, *Quarterly Journal of Economics*, 82, November 1968, pp. 537-560.

#### 1969

- "Allocation of Heterogeneous Capital Goods in a Two Sector Economy," *International Economic Review*, 10, October 1969, pp. 373-390. (Presented at the 1965 Chicago Symposium on the Theory of Economic Growth.)
- "Behavior Toward Risk With Many Commodities," *Econometrica*, 37(4), October 1969, pp. 660-667.
- "Capital Gains, Income and Savings," with K. Shell and M. Sidrauski, *Review of Economic Studies*, 36, January 1969, pp. 15-26.
- "Capital, Wages and Structural Unemployment," with George A. Akerlof, *Economic Journal*, 79(314), June, 1969, pp. 269-281.
- "Distribution of Income and Wealth Among Individuals," *Econometrica*, 37(3), July 1969, pp. 382-397. (Presented at the December 1966 meetings of the Econometric Society, San Francisco.)
- "The Effects of Income, Wealth and Capital Gains Taxation on Risk-Taking," *Quarterly Journal of Economics*, 83(2), May 1969, pp. 263-283.
- "The Implications of Alternative Saving and Expectations Hypotheses for Choices of Technique and Patterns of Growth," with D. Cass, *Journal of Political Economy*, 77, July-August 1969, pp. 586-627. (Presented at the 1967 Chicago Symposium on the Theory of Economic Growth.)
- "A New View of Technological Change," with A. Atkinson, *Economic Journal*, 79(315), September 1969, pp. 573-578.
- "A Re-Examination of the Modigliani-Miller Theorem," *American Economic Review*, 59(5), December 1969, pp. 784-793. (Presented at the 1967 meetings of the Econometric Society, Washington, D.C.)
- "Rural-Urban Migration, Surplus Labor and the Relationship Between Urban and Rural Wages," *East African Economic Review*, 1-2, December 1969, pp. 1-27.
- "Theory of Innovation: Discussion," with Evsey Domar, *American Economic Review*, AEA Papers and Proceedings, 59(2), May 1969, pp. 44-49.

#### 1970

"A Consumption Oriented Theory of the Demand for Financial Assets and the Term Structure of Interest Rates," *Review of Economic Studies*, 37(3), July 1970, pp. 321-351. (Presented at the August 1968 meetings of the Econometric Society, Boulder, Colorado.)

- "Factor Price Equalization in a Dynamic Economy," *Journal of Political Economy*, 78(3), May-June 1970, pp. 456-489.
- "Increasing Risk: I. A Definition," with M. Rothschild, *Journal of Economic Theory*, 2(3), September 1970, pp. 225-243. Subsequently published in *Foundations of Insurance Economics*, G. Dionne and S. Harrington (eds.), Kluwer Academic Publishers, 1992.
- "Non-Substitution Theorems with Durable Capital Goods," *Review of Economic Studies*, 37(4), October 1970, pp. 543-553.
- "Reply to Mrs. Robinson on the Choice of Technique," *Economic Journal*, 80(318), June 1970, pp. 420-422.
- "The Structure of Investor Preferences and Asset Returns, and Separability in Portfolio Allocation: A Contribution to the Pure Theory of Mutual Funds," with D. Cass, *Journal of Economic Theory*, 1, June 1970, pp. 122-160.

- "Differential Taxation, Public Goods, and Economic Efficiency," with P. Dasgupta, *Review of Economic Studies*, 38(2), April 1971, pp. 151-174.
- "Increasing Risk: II. Its Economic Consequences," with M. Rothschild, *Journal of Economic Theory*, 5(1), March 1971, pp. 66-84.

#### 1972

- "Addendum to Increasing Risk: I. A Definition," with M. Rothschild, *Journal of Economic Theory*, 5(2), October 1972, p. 306.
- "Four Lectures on Portfolio Allocation with Many Risky Assets," in *Mathematical Methods in Investment and Finance*, Szege-Shell (eds.), Amsterdam: North-Holland Publishing, 1972, pp. 76-108.
- "On Optimal Taxation and Public Production," with P. Dasgupta, *Review of Economic Studies*, 39(1), January 1972, pp. 87-103.
- "On the Optimality of the Stock Market Allocation of Investment," *Quarterly Journal of Economics*, 86(1), February 1972, pp. 25-60. (Presented to the Far Eastern Meetings of the Econometric Society, June 1970, Tokyo, Japan.)
- "Risk Aversion and Wealth Effects on Portfolios with Many Assets," with D. Cass, *Review of Economic Studies*, 39(3), July 1972, pp. 331-354.
- "Some Aspects of the Pure Theory of Corporate Finance: Bankruptcies and Take-Overs," *Bell Journal of Economist*, 3(2), Autumn 1972, pp. 458-482.
- "The Structure of Indirect Taxation and Economic Efficiency," with A. Atkinson, *Journal of Public Economics*, 1, March 1972, pp. 97-119.
- "Taxation, Risk Taking, and the Allocation of Investment in a Competitive Economy," in *Studies in the Theory of Capital Markets*, M. Jensen (ed.), New York: Praeger, 1972, pp. 294-361. (Proceedings of a conference at the University of Rochester, August 1969.)

- "Approaches to the Economics of Discrimination," *American Economic Review*, 62(2), May 1973, pp. 287-295. Reprinted in *Economics and Discrimination*, W. Darity and C. Boshamer (eds.), Edward Elgar Publishing, 1993.
- "The Badly Behaved Economy with the Well Behaved Production Function," in *Models of Economic Growth*, J. Mirrlees (ed.), MacMillan Publishing Company, 1973, pp. 118-137. (Presented at the International Economic Association Conference on Growth Theory, Jerusalem, 1970.)
- "Education and Inequality," *Annals of the American Academy of Political and Social Sciences*, 409, September 1973, pp. 135-145.

- "Recurrence of Techniques in a Dynamic Economy," in *Models of Economic Growth*, J. Mirrlees (ed.), MacMillan, 1973, pp. 138-161.
- "Some Further Results on the Measurement of Inequality," with M. Rothschild, *Journal of Economic Theory*, 6(2), April 1973, pp.188-204.
- "Taxation, Corporate Financial Policy and the Cost of Capital," *Journal of Public Economics*, 2, February 1973, pp. 1-34. (Subsequently published in *Modern Public Finance*, 1, International Library of Critical Writings in Economics, No. 15., A. Atkinson (ed.), Elgar, 1991, pp. 96-129.)

- "Alternative Theories of Wage Determination and Unemployment in L.D.C.'s: The Labor Turnover Model," *Quarterly Journal of Economics*, 88(2), May 1974, pp. 194-227. Subsequently published in *Development Economics*, 1, D. Lal (ed.), Elgar, 1992, pp. 288-321.
- "Benefit-Cost Analysis and Trade Policies," with P. Dasgupta, *Journal of Political Economy*, 82(1), January-February 1974, pp. 1-33. (Presented to Conference on Project Evaluation, Nairobi, July, 1971.)
- "The Cambridge-Cambridge Controversy in the Theory of Capital; A View From New Haven: A Review Article," *Journal of Political Economy*, 82(4), July-August 1974, pp. 893-904.
- "Demand for Education in Public and Private School Systems," *Journal of Public Economics*, 2, November 1974, pp. 349-386.
- "Growth With Exhaustible Natural Resources: Efficient and Optimal Growth Paths," *Review of Economic Studies*, 41, Symposium on the Economics of Exhaustible Resources, March 1974, pp. 123-137.
- "Growth With Exhaustible Resources: The Competitive Economy," *Review of Economic Studies*, 41, Symposium on the Economics of Exhaustible Resources, March 1974, pp. 139-152.
- "Incentives and Risk Sharing in Sharecropping," *Review of Economic Studies*, 41(2), April 1974, pp. 219-255.
- "Increases in Risk and in Risk Aversion," with P. Diamond, *Journal of Economic Theory*, 8(3), July 1974, pp. 337-360. (Presented at a Conference on Decision Rules and Uncertainty, Iowa City, May 1972.)
- "On the Irrelevance of Corporate Financial Policy," *American Economic Review*, 64(6), December 1974, pp. 851-866. (Presented at a conference in Hakone, Japan, 1970.)
- "Theories of Discrimination and Economic Policy," in *Patterns of Racial Discrimination*, G. von Furstenberg, et al. (eds.), D.C. Heath and Company (Lexington Books), 1974, pp. 5-26.

- "Discussion of 'The Maryland Interindustry Forecasting Model" by Clopper Almon," *The Brookings Model: Perspective and Recent Developments*, Gary Fromm and Lawrenc R. Klein (eds.), North-Holland Publishing Company, 1975, pp. 599-603.
- "The Efficiency of Market Prices in Long Run Allocations in the Oil Industry," in *Studies in Energy Tax Policy*, G. Brannon (ed.), Cambridge: Ballinger Publishing, 1975, pp. 55-99. (Report written for the Ford Foundation Energy Policy Project, August 1973.)
- "Incentives, Risk and Information: Notes Toward a Theory of Hierarchy," *Bell Journal of Economics*, 6(2), Autumn 1975, pp. 552-579. (Presented at Berlin Symposium on Planning, August 1973.) Reprinted in *The Economics of Modern Business Enterprise*, Elgar Reference Collection: Northampton, MA, 2008.
- "Information and Economic Analysis," in *Current Economic Problems*, J.M. Parkin and A.R. Nobay (eds.), Cambridge: Cambridge University Press, pp. 27-52. (Proceedings of the Association of University Teachers of Economics, Manchester, England, April 1974.)

- "Reply to Mr. Stapleton on 'Some Aspects of the Pure Theory of Corporate Finance: Bankruptcies and Take-Overs'," *Bell Journal of Economics*, 6(2), Autumn 1975, pp. 711-714.
- "The Theory of Screening, Education and the Distribution of Income," *American Economic Review*, 65(3), June 1975, pp. 283-300.

- "The Corporation Tax," Journal of Public Economics, 5, April-May 1976, pp. 303-311.
- "The Design of Tax Structure: Direct Versus Indirect Taxation," with A. Atkinson, *Journal of Public Economics*, 6, July-August 1976, pp. 55-75. Subsequently published in *Modern Public Finance*, 2, International Library of Critical Writings in Economics, No. 15, A. Atkinson (ed.), Elgar, 1991, pp. 82-102.
- "The Efficiency Wage Hypothesis, Surplus Labor and the Distribution of Income in L.D.C.'s," *Oxford Economic Papers*, 28(2), July 1976, pp. 185-207.
- "Equilibrium in Competitive Insurance Markets: An Essay on the Economics of Imperfect Information," with M. Rothschild, *Quarterly Journal of Economics*, 90(4), November 1976, pp. 629-649. Subsequently reprinted in *Industrial Economics*, O.E. Williamson (ed.), Edward Elgar, 1990, pp. 141-61; in *Foundations of Insurance Economics*, G. Dionne and S. Harrington (eds.), Kluwer Academic Publishers, 1992; and in *Economic Theory and the Welfare State*, Nicholas Barr (ed.), Cheltenham, UK: Edward Elgar, 2000.
- "Estate Taxes, Growth and Redistribution," in *Essays in Honor of W. Vickrey*, R. Grieson (ed.), Lexington: Lexington Publishing Company, 1976, pp. 225-232.
- "Information and Competitive Price Systems," with S. Grossman, *American Economic Review*, 66(2), May 1976, pp. 246-253.
- "Monopoly and the Rate of Extraction of Exhaustible Resources," *American Economic Review*, 66(4), September 1976, pp. 655-661. Reprinted in *The Economics of Exhaustible Resources*, G. Heal (ed.), Brookfield, VT: Edward Elgar, 1993, pp. 184-190.
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