

Curriculum Vitae

Amartya Sen

Thomas W. Lamont University Professor
and Professor of Economics and Philosophy, Harvard University
Senior Fellow, Harvard Society of Fellows
Formerly Master, Trinity College, Cambridge, England, 1998-2003

Birth: November 3, 1933, Santiniketan, India

Citizenship: Indian

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Education: Presidency College, Calcutta (B.A. 1953)
Trinity College, Cambridge (B.A. 1955, Ph.D. 1959)
Cambridge University prizes and awards: Adam Smith Prize, 1954; Wrenbury
Scholarship, 1955 and Stevenson Prize, 1956
Trinity College prizes and awards: Senior Scholarship, 1954; Research Scholarship,
1955 and Prize Fellowship, 1957

Professional Elections and Awards

President, The Econometric Society, 1984
President, The International Economic Association, 1986-89
President, The Indian Economic Association, 1989
President, The American Economic Association, 1994

Fellow of the British Academy
Honorary Fellow, The Academy of Medical Science
Honorary Fellow of The Royal Society of Edinburgh
Honorary Member, The Royal Irish Academy
Member of the Accademia Nazionale dei Lincei
Foreign Honorary Member, American Academy of Arts and Sciences
Member of the American Philosophical Association
Frances Perkins Fellow of The American Academy of Political & Social Science
Fellow of the Econometric Society

Fellow, Trinity College, Cambridge
Honorary Fellow, All Souls College, Oxford
Honorary Fellow, Nuffield College, Oxford
Honorary Fellow, St Edmund's College, Cambridge
Honorary Fellow, School of Oriental & African Studies, London

Honorary Fellow, Institute of Social Studies, The Hague, Netherlands
Honorary Professor, Delhi University, India
Honorary Fellow, London School of Economics
Honorary Fellow, Institute of Development Studies, Sussex University

Honorary Fellow, Darwin College, Cambridge, UK
Member of the Universal Academy of Cultures
Honorary Fellow, London School of Hygiene & Tropical Medicine, University of London

Honorary D. Litt., University of Saskatchewan, Canada, 1979
Honorary D. Litt., Visva-Bharati University, India, 1983
Honorary D. U., Essex University, UK, 1984
Honorary D. Sc., University of Bath, UK, 1984
Docteur Honoris Causa, University of Caen, France, 1987
Dottore ad Honorem, University of Bologna, Italy, 1988
Doctor of Letters Honoris Causa, Georgetown University, USA, 1989
Docteur Honoris Causa, Catholic University of Louvain, Belgium, 1989
Doctor of Laws Honoris Causa, Tulane University, USA, 1990
Honorary D. Litt., Jadavpur University, India, 1990
Honorary D. Litt., Kalyani University, India, 1990
Honorary D. Litt., London Guildhall University, UK, 1991
Honorary Doctorate, Athens University of Economics and Business, 1991
Honorary D. Litt., Williams College, USA, 1991
Honorary D. Litt., New School for Social Research, USA, 1992
Honorary D. Litt., Calcutta University, India, 1993
Honorary D. Litt., Oberlin College, USA, 1993
Honorary Doctor of Law, Queen's University, Canada, 1993
Doctor Honoris Causa, University of Valencia, Spain, 1994
Doctor Honoris Causa, University of Zurich, Switzerland, 1994
Honorary Doctor of Humane Letters, Syracuse University, USA, 1994
Doctor Honoris Causa, Antwerp University, Belgium, 1995
Honorary Doctor of Humane Letters, Wesleyan University, USA, 1995
Honorary Doctor of Science, Edinburgh University, UK, 1995
Doctor of Letters Honoris Causa, Oxford University, UK, 1996
Doctor of Philosophy Honoris Causa, University of Stockholm, 1996
Doctor Honoris Causa, Bard College, USA, 1997
Doctor Honoris Causa, Kiel University, Germany, 1997
Laurea Honoris Causa, Padova University, Italy, 1998
Honorary D. Litt., Rabindra Bharati University, India, 1998
Honorary D. Litt., Leicester University, UK, 1998
Honorary D. Litt., Columbia University, USA, 1998
Honorary D. Litt., McGill University, Canada, 1998
Doctor of Philosophy Honoris Causa, Jawaharlal Nehru University, India, 1998
Honorary D. Litt., Chhatrapati Shahu Ji Maharaj University, India, 1998
Doctor Honoris Causa, University of Delhi, India, 1999
Doctor Honoris Causa, Kingston University, UK, 1999
Doctor of Letters, Honoris Causa, University of East Anglia, UK, 1999
Doctor of Letters, Honoris Causa, University of Nottingham, UK, 1999
Doctor Honoris Causa, University of Athens, Greece, 1999
Doctor Honoris Causa, Université de la Méditerranée, Marseille, France, 1999
Doctor of Letters, Honoris Causa, Heriot-Watt University, Edinburgh, Scotland, 1999
Doctor of Social Science, Honoris Causa, Chinese University of Hong Kong, 1999
Doctor of Science, Honoris Causa, University of Dhaka, Bangladesh, 1999
Honorary D. Litt., University of Allahabad, India, 2000
Doctor of Science, Honoris Causa, Assam Agricultural University, India, 2000

D. Litt., Honoris Causa, Assam University, India, 2000
 Doctor of Letters, Honoris Causa, University of Strathclyde, Scotland 2000
 Honorary Doctor of Laws, Harvard University, USA, 2000
 Doctor of Science, Honoris Causa, University of Birmingham, UK, 2000
 Laurea Honoris Causa, University of Florence, Italy, 2000
 Doctor of Science (Economics) Honoris Causa, University of London, UK, 2000
 Honorary D. Litt., University of Kerala, India, 2000
 Doctor Honoris Causa, Technical University of Lisbon, Portugal, 2001
 Doctor Honoris Causa, Universitat Jaume I, Castellón, Spain, 2001
 Doctor Honoris Causa, University of Tokyo, Japan, 2002
 Honorary D. Litt., University of Mumbai, India, 2002
 Doctor Honoris Causa, Clark University, Worcester, USA, 2002
 Doctor Honoris Causa, The Open University, UK, 2002
 Honorary Doctor of Civil Law, University of Durham, UK, 2002
 Doctor Honoris Causa, University of Southampton, UK, 2002
 Doctor Honoris Causa, Université Pierre Mendès France, Grenoble, France, 2002
 Doctor Honoris Causa, Santa Clara University, California, USA, 2002
 Honorary D. Litt., University of North Bengal, India, 2002
 Doctor Honoris Causa, Bidhan Chandra Krishi Viswavidyalaya, India, 2003
 Honorary Doctor of Laws, Mount Holyoke College, USA, 2003
 Doctor of Social Science Honoris Causa, Yale University, USA, 2003
 Doctor Honoris Causa, Ritsumeikan University, Japan, 2003
 Doctor of Science, Honoris Causa, University of Sussex, UK, 2003
 Doctor Honoris Causa, University of York, UK, 2004
 Doctor of Laws, Honoris Causa, University of Toronto, Canada 2004
 Doctor of Economics, Honoris Causa, University of Natal, South Africa, 2004
 Doctor Honoris Causa, Rhodes University, South Africa, 2004
 Doctor Honoris Causa, Koc University, Turkey, 2004
 Doctor Honoris Causa, York University, Toronto, Canada, 2004
 Doctor Honoris Causa, Universitat Rovira I Virgili, Tarragona, Spain, 2004
 Doctor Honoris Causa, Hitotsubashi University, Tokyo, Japan, 2004
 Laurea Honoris Causa, Università degli Studi di Torino, Italy, 2004
 Doctor Honoris Causa, Simmons College, Boston, MA, USA, 2005
 Laurea Honoris Causa, University of Pavia, Italy, 2005
 Doctor Honoris Causa, Gottingen University, Germany, 2005
 Honorary Doctor of Science, University of Michigan, USA, 2006
 Doctor of Laws, Honoris Causa, University of Connecticut, USA, 2006
 Doctor of Humane Letters, University of Massachusetts, Lowell, USA, 2006
 Doctor of Economic Sciences, Cape Town, South Africa, 2006
 Doctor Honoris Causa, University of the Witwatersrand, South Africa, April 2007
 Docteur Honoris Causa, Sorbonne, France, 2007
 Doctor Honoris Causa, University College Dublin, Ireland, 2007
 Doctor Honoris Causa, Universität Osnabrück, Germany, 2007
 Doctor of Law, Honoris Causa, University of Exeter, UK, 2008
 Doctor Honoris Causa, Universidad Complutense de Madrid, Spain, 2008
 Doctor of Letters, Honoris Causa, University of Cambridge, UK, 2009
 Doctor of Law, Honoris Causa, Trinity College, University of Dublin, Ireland, 2009
 Doctor of Humane Letters, St. Michael's College, USA, 2010
 Doctor of Science, Honoris Causa, Queen's University, UK, 2010
 Doctor Honoris Causa, University of Coimbra, Portugal, 2011
 Doctor of Laws, Honoris Causa, University of British Columbia, Canada, 2011
 Doctor of Literature, Honoris Causa, NUEPA, India, 2011

Honoris Causa, Jamia Millia Islamia, India, 2011
Doctor of Humane Letters, University of New Hampshire, USA, 2012
Doctor of Humane Letters, Brandeis University, USA, 2012
Doctor of Humane Letters, Honoris Causa, Johns Hopkins University, USA, 2012

President, The Development Studies Association, 1980-82
Honorary President, The International Economic Association, since 1989
Honorary President, Oxfam, 2000-02; Honorary Advisor, 2002-
Chairman, Commonwealth Commission, On Respect and Understanding, 2007-08
Chair Adviser, Commission on the Measurement of Economic Performance and Social
Progress, 2007-2009
Chairman, Nalanda Mentor Group for re-establishing the Nalanda University, 2007-present
Chancellor, Nalanda University, 2012-present

Mahalanobis Prize, 1976
Frank E. Seidman Distinguished Award in Political Economy, 1986
Senator Giovanni Agnelli International Prize in Ethics, 1990
Alan Shawn Feinstein World Hunger Award, 1990
Jean Mayer Global Citizenship Award, 1993
Indira Gandhi Gold Medal Award of the Asiatic Society, 1994
Edinburgh Medal, 1997
Catalonia International Prize, 1997
Nobel Memorial Prize in Economics, 1998
Bharat Ratna, 1999
Leontief Prize, 2000
Brazilian Ordem do Merito Cientifico, Grã-Cruz, 2000
Eisenhower Medal, 2000
Presidency of the Italian Republic Medal, 2000
Honorary Companion of Honour, UK, 2000
Bruno-Kreisky Award for the Political Book of the Year, 2001
Electricité de France European Economics Book Prize, 2002
Ayrton Senna Grand Prix of Journalism, 2002
Barnard College, Medal of Distinction, 2005
Silver Banner, Florence, Italy, 2005
George C. Marshall Award, 2005
Sidhartha Maitra Memorial Lecture Award, 2006
NASSCOM Global Indian Award, 2007
United Nations Life Time Achievement Award, UNESCAP, 2007
Global Economy Prize, University of Kiel, 2007
Meister Eckhart Prize, Identity Foundation, Germany 2007
Annual Best Book Award, North American Society for Social Philosophy, 2009
National Humanities Medal, USA, 2012
Thomas C. Schelling Award, Harvard University, 2012
International Edgar de Picciotto Prize, Graduate Institute of International and
Development Studies, Switzerland, 2012
Légion d'Honneur, France, 2012
Aztec Eagle, Mexico, 2012
Shigemitsu Award, Shigemitsu Global Cultural Center, Japan, 2012

Past Employment:

Thomas W. Lamont University Professor and Professor of Economics and Philosophy,
Harvard University, 1987-98 (Senior Fellow, Harvard Society of Fellows, 1989-98)
Drummond Professor of Political Economy, Oxford University, and Fellow of All Souls
College, Oxford, 1980-88
Professor of Economics, Oxford University, and Fellow of Nuffield College, 1977-80
Professor of Economics, London School of Economics, University of London, 1971-77
Professor of Economics, Delhi School of Economics, University of Delhi, 1963-71
Fellow of Trinity College, Cambridge, 1957-63
Professor of Economics, Jadavpur University, Calcutta, 1956-58

Visiting Appointments:

Andrew D. White Professor at Large, Cornell University, 1978-84
Visiting Professor, Harvard University, 1968-69
Visiting Professor, University of California at Berkeley, 1964-65
Visiting Associate Professor, Stanford University, Summer Term, 1961
Visiting Assistant Professor, M.I.T., 1960-61

Publications:

BOOKS:

Choice of Techniques, Oxford: Basil Blackwell, 1960, 1962, 1968; Delhi: Oxford University
Press, 1962, 1968. Spanish translation, Mexico City, 1969.

Collective Choice and Social Welfare, San Francisco: Holden Day, 1970; Edinburgh: Oliver and
Boyd, 1971; Amsterdam: North-Holland, 1979, 1984. Swedish translation:
Bokforlaget Thales, 1988.

Growth Economics, editor, Harmondsworth: Penguin Books, 1960.

Guidelines for Project Evaluation, UNIDO, United Nations, New York, 1972. Jointly with P.
Dasgupta and S. A. Marglin.

On Economic Inequality, Oxford: Clarendon Press, 1973; New York: Norton, 1975. German
translation: Campus, 1975; Japanese translation: 1977; Spanish translation: Editorial
Critica, 1979; Yugoslav translation: Cekade, 1984. Expanded edition with an annex
"On Economic Inequality after a Quarter Century" [jointly with James Foster],
Oxford: Clarendon Press; New York: Oxford University Press, 1997.

Employment, Technology, and Development, Oxford: Clarendon Press, 1975; New York: Oxford
University Press, 1975; New Delhi: Oxford University Press, 1976.

Poverty and Famines: An Essay on Entitlement and Deprivation, Oxford: Clarendon Press, 1981;
New York: Oxford University Press, 1981; New Delhi: Oxford University Press,
1982.

Utilitarianism and Beyond, Cambridge: Cambridge University Press, 1982; New York:
Cambridge University Press, 1982; Italian translation: Il Saggiatore, 1984.
Jointly edited with Bernard Williams.

- Choice, Welfare and Measurement*, Oxford: Basil Blackwell, 1982; Cambridge, Mass.: Harvard University Press, 1997; New Delhi: Oxford University Press, 1983; Italian translation: Il Mulino, 1986; Japanese translation: Iwanami, 1988.
- Resources, Values and Development*, Oxford: Basil Blackwell; 1984; Cambridge, Mass.: Harvard University Press, 1984; New Delhi: Oxford University Press, 1985; Italian translation: Bollati Boringhieri, 1992.
- Commodities and Capabilities*, Amsterdam: North-Holland, 1985; New Delhi: Oxford University Press, 1987; Italian translation: Giuffrè Editore, 1988; Japanese translation: Iwanami, 1988.
- The Standard of Living*, Tanner Lectures with rejoinders by Bernard Williams and others, edited by G. Hawthorne, Cambridge: Cambridge University Press, 1987; Italian translation: Marsilio, 1993.
- On Ethics and Economics*, Oxford and New York: Basil Blackwell, 1987; New Delhi: Oxford University Press, 1990; Italian translation: Editori Laterza, 1988; Spanish translation, Alianza Editorial, 1987; French translation (with other selected essays), Presses Universitaires de France, 1993.
- Hunger and Public Action*, Oxford: Clarendon Press, 1989. Jointly with Jean Drèze.
- The Political Economy of Hunger*, in 3 volumes, Oxford: Clarendon Press, 1990 and 1991. Jointly edited with Jean Drèze.
- Inequality Reexamined*, Oxford: Clarendon Press, New York: Russell Sage Foundation, and Cambridge, MA: Harvard University Press, 1992; Italian translation: Il Mulino, 1994; French translation: Seuil, 2000.
- The Quality of Life*, Oxford: Clarendon Press, 1993; Italian translation, Feltrinelli, 1997. Jointly edited with Martha Nussbaum.
- India: Economic Development and Social Opportunity*, Oxford: Clarendon Press, 1995. Jointly with Jean Drèze.
- Indian Development: Selected Regional Perspectives*, Delhi: Oxford University Press, 1997. Jointly edited with Jean Drèze.
- La libertà individuale come impegno sociale*, Rome & Bari: Editori Laterza, 1997.
- Laicismo Indiano*, edited by Armando Massarenti, Milan: Feltrinelli, 1998.
- Development as Freedom*, New York: Alfred Knopf, 1999; Worldwide publishers: Cappelen Forlag (Norwegian); Carl Hanser Verlag (German); China People's University Press (Chinese); Companhia Das Letras (Portuguese, Brazil); Dost Publishers (Turkish); Editions Odile Jacob (French); Editorial Planeta (Spanish); Europa Publishers (Hungarian); Kastaniotis Editions (Greek); Mondadori Editore (Italian); Nihon Keizai Shimbun (Japanese); Oxford University Press (Hindi); Oxford University Press (English, UK); Prophet Press (Taiwanese); Sejong Publishers (Korean);

Utigeverij Contact (Dutch); Zysk I Ska Publishers (Polish) and Dudaj Publishing (Albanian).

Rationality and Freedom, Harvard University Press, 2002 (Cambridge, MA and London, England).

India: Development and Participation, Oxford University Press, 2002 (New Delhi, India).
Jointly with Jean Drèze.

The Argumentative Indian, Penguin Books Ltd., Farrar, Straus and Giroux, US, 2005;
Worldwide Publishers: Akashi Shoten (Japanese); Ananda Publishers Private, Ltd. (Bengali); Arnoldo Mondadori Editore (Italian); Basam Books (Finnish); Chang Rim Publishing (Korean); Editions Odile Jacob (French); Penguin Books India Private Ltd. (Malayalam); Raipal & Sons (Hindi); Shanghai Joking Publishing Company (Shanghai).

Identity and Violence: The Illusion of Destiny, W.W. Norton, USA, Penguin Books UK, and India, 2006; Worldwide publishers: Alexandria Publications (Greek); Alpha Books Co. (Vietnamese); Ananda Publishers (Bengali); Basam Books (Finnish); ByBooks (Korean); BZD Yayin ve Iletisim Hizmetleri (Turkish); China People's Publishing House (Chinese); China Renmin (Chinese, simplified characters); Diadalos (Swedish); Edicione la Campana (Catalan); Edicoes Tinta-da-China (Portuguese); Editions Odile Jacob (French); Informations Forlag (Danish); Institute of Dialogue and Communication (Albanian); Katz Editors (Spanish); Keiso Shobo (Japanese); Editor Laterza (Italian); Mahidol University (Thai); Marijin Kiri (Indonesian); Masmedia (Croatian); Penguin India (Marathi); Raipal & Sons (Hindi); Verlag CH Beck (German); Xargol Books (Hebrew); Zahar (Portuguese in Brazil); Zalozba Sophia (Slovenian).

The Idea of Justice, Harvard University Press, USA, Penguin Books, UK, 2009; Worldwide Publishers: Akashi Shoten (Japanese), Ananda Publishers Private Ltd. (Bengali), Arab Scientific Publishers (Arabic), Arnoldo Mondadori Editore (Italian), C.H. Beck Verlag (German), China Renmin University Press (Chinese), Companhia das Letras (Portuguese, Brazil), Edicoes 70 Lda (Portuguese, Portugal), Flammarion (French), Random House Korea (Korean), Rajpal & Sons (Hindi).

Handbook of Social Choice and Welfare: Volume II, jointly edited with Kenneth Arrow and Kotaro Suzumura, North-Holland, UK, 2011.

Peace and Democratic Society, Open Book Publishers, UK, 2011

ARTICLES:

(I) SOCIAL CHOICE THEORY

“Preferences, Votes and the Transitivity of Majority Decisions,” *Review of Economic Studies*, 31 (April 1964).

“A Possibility Theorem on Majority Decisions,” *Econometrica*, 34 (1966).

“Necessary and Sufficient Conditions for Rational Choice under Majority Decision,” *Journal of Economic Theory*, 1 (August 1969), jointly with P.K. Pattanaik.

- “The Impossibility of a Paretian Liberal,” *Journal of Political Economy*, 78 (1979). Reprinted in F. Hahn and M. Hollis, eds., *Philosophy and Economic Theory* (Oxford: Oxford University Press, 1979).
- “Interpersonal Aggregation and Partial Comparability,” *Econometrica*, 38 (May 1970); “A Correction,” *Econometrica*, 40 (September 1972).
- “The Impossibility of a Paretian Liberal: A Reply,” *Journal of Political Economy*, 79 (November/December 1971).
- “Liberty, Unanimity and Rights,” *Economica*, 43 (August 1976).
- “Social Choice Theory: A Re-Examination,” *Econometrica*, 45 (1977).
- “On Weights and Measures: Informational Constraints in Social Welfare Analysis,” *Econometrica*, 45 (October 1977).
- “Strategies and Revelation: Informational Constraints in Public Decisions,” in J. J. Laffont, ed., *Aggregation and Revelation of Preferences* (Amsterdam: North-Holland, 1979).
- “Social Choice and Justice: A Review Article,” *Journal of Economic Literature*, 23 (December 1985). [Review article on K.J. Arrow's *Collected Papers: Social Choice and Justice*].
- “Foundations of Social Choice Theory: An Epilogue,” in J. Elster and A. Hylland, eds., *Foundations of Social Choice Theory* (Cambridge: Cambridge University Press, 1986).
- “Social Choice Theory,” in K.J. Arrow and M. Intriligator, eds., *Handbook of Mathematical Economics*, Vol. III (Amsterdam: North-Holland, 1986).
- “Social Choice,” in *The New Palgrave Dictionary of Economics* (London: Macmillan, 1987).
- “Welfare, Freedom and Social Choice: A Reply,” *Recherches Economiques de Louvain*, 56 (1990).
- “Minimal Liberty,” *Economica*, 57 (1992).
- “How to Judge Voting Schemes,” *Journal of Economic Perspectives*, 9 (1995).
- “Rationality and Social Choice,” *American Economic Review*, 85 (1995).
- “Social Commitment and Financial Conservatism,” *Il Mulino*, 364 (March/April 1996).
- “Social Commitment and Democracy: The Demands of Equity and Financial Conservatism,” (Eva Colorni Memorial volume) in Paul Barker, ed., *Living as Equals* (Oxford: Oxford University Press, 1996).
- “Rights: Formulation and Consequences,” *Analyse and Kritik*, 18 (1996).
- “Individual Preference as the Basis of Social Choice,” in Kenneth J. Arrow et al, eds., *Social Choice Re-examined* (London Macmillan, 1997).

"The Possibility of Social Choice," *American Economic Review*, 89(3), June 1999; also in *Les Prix Nobel 1998* (The Nobel Foundation, 1999); French translation, "La possibilité du choix social," *Revue de l'Ofce*, Juillet 1999.

(II) *WELFARE ECONOMICS*

"Distribution, Transitivity and Little's Welfare Criterion," *Economic Journal*, 73 (December 1963).

"The Efficiency of Indirect Taxes," in XXX, ed., *Problems of Economic Dynamics and Planning: Essays in Honour of M. Kalecki* (Warsaw, 1964).

"Mishan, Little and Welfare: A Reply," *Economic Journal*, 75 (1965).

"Labour Allocation in a Cooperative Enterprise," *Review of Economic Studies*, 333 (July 1966).

"A Game-Theoretic Analysis of Theories of Collectivism in Allocation," in T. Majumdar, ed., *Growth and Choice* (London: Oxford University Press, 1969).

"Planner's Preferences, Optimality, Distribution and Social Welfare," in J. Margolis and H. Guitton, eds., *Public Economics* (London: Macmillan, 1969).

"On Ignorance and Equal Distribution," *American Economic Review*, 63 (December, 1973).

"Informational Basis of Alternative Welfare Approaches: Aggregation and Income Distribution," *Journal of Public Economics*, 3 (1974).

"The Concept of Efficiency," in M. Parking and A. R. Nobay ed. *Contemporary Issues in Economics* (Manchester: Manchester University Press, 1975).

"Welfare Inequalities and Rawlsian Axiomatic," *Theory and Decision*, 7 (1976).

"Non-linear Social Welfare Functions," in R. Butts and J. Hintikka, eds., *Logic, Methodology and Philosophy of Science* (Dordrecht: Reidel, 1977).

"The Poverty of Welfarism," *Economic Review*, 8 (Spring 1977).

"Welfare Theory," in M. J. Beckmann et al, eds., *Handwörterbuch der Mathematischen Wirtschaftswissenschaften [Encyclopedic Handbook of Mathematical Economic Sciences]* (Wiesbaden: Gabler, 1979).

"Personal Utilities and Public Judgments: Or What's Wrong with Welfare Economics?" *Economic Journal*, 89 (September 1979).

"A Reply to Welfarism: A Defence against Sen's Attack," *Economic Journal*, 91 (June 1981).

"The Profit Motive," *Lloyds Bank Review*, 147 (January 1983).

"Goods and People," *Proceedings of Seventh World Congress of the International Economic Association* (London: Macmillan, 1987); also published in *Resources, Values and Development* (1984).

“The Concept of Well-being,” in S. Guhan and M. Shroff, eds., *Essays on Economic Progress and Welfare: In Honour of I.G. Patel* (Oxford: Oxford University Press, 1986).

Welfare Economics and the Real World, Acceptance paper for the Frank Seidman Distinguished Award in Political Economy (Memphis, TN: P.K. Seidman Foundation, 1986).

“Justice,” *The New Palgrave Dictionary of Economics* (London: Macmillan, 1987).

“Social Välfärd” [“Social Welfare”], in the *Annual Report of the Swedish Economic Council* (1991).

“Welfare Economics and Population Ethics,” presented at the Nobel Jubilee Symposium on “Population, Development and Welfare,” Lund University (1991).

“Welfare, Preference and Freedom,” *Journal of Econometrics*, 50 (1991).

Money and Value: On the Ethics and Economics of Finance, The First Baffi Lecture (Rome: Bank of Italy, 1991); republished in *Economics and Philosophy*, 9 (1993).

“Markets and Freedoms,” *Oxford Economic Papers*, 45 (1993).

“The Economics of Life and Death,” *Scientific American*, 266 (1993)

“Markets and the Freedom to Choose,” in Horst Siebert, ed., *The Ethical Foundations of the Market Economy* (Tubingen: J.C.B. Mohr, 1994).

“Well-Being, Capability and Public Policy,” *Giornale Degli Economisti e Annali di Economia* (July-September 1994).

“Demography and Welfare Economics,” *Empirica*, 22 (1995).

“On the Foundations of Welfare Economics: Utility, Capability and Practical Reason,” in F. H. Hahn, et al., eds., *Ethics, Rationality and Economic Behavior*, (Oxford: Oxford University Press, 1996).

“Democracy and Social Justice,” presented at the Seoul Conference on Democracy, Market Economy and Development, February 26-27, 1999; published in *World Bank Development Outlook* (Summer 1999).

“Economic Policy and Equity: An Overview,” in Vito Tanzi et al., eds., *Economic Policy and Equity* (Washington, DC: International Monetary Fund, 1999).

“Foreword,” in Peter Bauer, *From Subsistence to Exchange, and Other Essays* (Princeton: Princeton University Press, 2000).

“Merit and Justice,” in Kenneth Arrow, et al., eds., *Meritocracy and Economic Inequality* (Princeton: Princeton University Press, 2000).

(III) ECONOMIC MEASUREMENT

- “On the Development of Basic Economic Indicators to Supplement GNP Measures,” *United Nations Economic Bulletin for Asia and the Far East*, 24 (1973).
- “Notes on the Measurement of Inequality,” *Journal of Economic Theory*, 6 (April 1973). Jointly with P. Dasgupta and D. Starrett.
- “Poverty, Inequality and Unemployment: Some Conceptual Issues in Measurement,” *Sankhya: The Indian Journal of Statistics*, 36 (June and December 1974).
- “Real National Income,” *Review of Economic Studies*, 43 (February 1976).
- “Poverty: An Ordinal Approach to Measurement,” *Econometrica*, 44 (March 1976).
- “Ethical Measurement of Inequality: Some Difficulties,” in W. Krelle and A.F. Shorrocks, eds., *Personal Income Distribution* (Amsterdam: North-Holland, 1978).
- “Issues in the Measurement of Poverty,” *Scandinavian Journal of Economics*, 81 (1979).
- “The Welfare Basis of Real Income Comparisons,” *Journal of Economic Literature* 17 (March 1979).
- “Levels of Poverty: Policy and Change,” World Bank Staff Working Paper (Washington, DC: The World Bank, 1980).
- “The Welfare Basis of Real Income Comparisons: A Reply,” *Journal of Economic Literature*, 18 (December 1980).
- “Poor, Relatively Speaking,” *Oxford Economic Papers*, 35 (August 1983).
- “The Living Standard,” *Oxford Economic Papers*, 36 (August 1984); augmented version published in David Crocker and Toby Linden, eds., *Ethics of Consumption* (New York: Rowman & Littlefield, 1998).
- “A Sociological Approach to the Measurement of Poverty: A Reply to Professor Peter Townsend,” *Oxford Economic Papers*, 37 (November 1985).
- “The Standard of Living,” in S. McMurrin, ed., *Tanner Lectures on Human Values VII* (Cambridge: Cambridge University Press, 1986).
- “The Nature of Inequality,” in K.J. Arrow, ed., *Issues in Contemporary Economics: Markets and Welfare* (London: Macmillan, 1991).
- “Life Expectancy and Inequality: Some Conceptual Issues,” in P. Bardhan et al., eds., *Development and Change* (Oxford: Oxford University Press, 1993).
- “Human Development Index: Methodology and Measurement,” Human Development Report Office Occasional Paper 12 (New York, 1994). Jointly with Sudhir Anand. Reprinted in S. Fukuda-Parr and A. K. Shiva Kumar, eds., *Readings in Human Development* (New Delhi: Oxford University Press, 2003).
- “The Concept of Wealth,” in Ramon H. Myers, ed., *The Wealth of Nations in the Twentieth Century* (Stanford: Hoover Institution Press, 1996).

“From Income Inequality to Economic Inequality,” *Southern Economic Journal*, 64 (1997).

“Should Inequality and Poverty Measures be Decomposable?” A Report on the Second Kumar Chakravarti Memorial Lecture, *Calcutta Statistical Association Bulletin*, 48 (March-June 1998).

“Foreword,” in Jacques Silber, ed., *Handbook of Income Inequality Measurement* (Boston: Dordrecht and London: Kluwer, 1999).

“Social Justice and the Distribution of Income,” in A.B. Atkinson and F. Bourguignon, eds., *Handbook of Income Distribution*, vol. 1 (Amsterdam: Elsevier Science B.V., 2000).

“Conceptualizing and Measuring Poverty,” in David Grusky and Ravi Kanbur, eds., *Poverty and Inequality* (Stanford: Stanford University Press 2006).

(IV) AXIOMATIC CHOICE THEORY

“Quasi-transitivity, Rational Choice and Collective Decisions,” *Review of Economic Studies*, 36 (July 1969).

“Choice Functions and Revealed Preference,” *Review of Economic Studies*, 38 (July 1971).

“A Note on Representing Partial Orderings,” *Review of Economic Studies*, 43 (October 1976). Jointly with M. Majumdar.

“Rationality and Uncertainty,” *Theory and Decision* 18 (1985); also in L. Daboni, A. Montesano, and M. Lines, eds., *Recent Developments in the Foundations of Utility and Risk Theory* (Dordrecht: Reidel, 1986).

“Information and Invariance in Normative Choice,” in W. P. Heller, R. Starr, and D. A. Starrett, eds., *Social Choice and Public Decision Making: Essays in Honor of Kenneth J. Arrow*, vol. I (Cambridge: Cambridge University Press, 1986).

“Rational Behaviour,” in *The New Palgrave Dictionary of Economics* (London: Macmillan, 1987).

“Internal Consistency of Choice,” *Econometrica*, 61 (1993).

“Non-Binary Choice and Preference: A Tribute to Stig Kanger,” in D. Prawitz et al., *Logic, Methodology and Philosophy of Science IX* (Amsterdam: Elsevier Science, 1994).

“Maximization and the Act of Choice,” *Econometrica*, 65 (1997).

(V) RATIONALITY AND ECONOMIC BEHAVIOUR

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