

# CURRICULUM VITAE

DAVID E. BLOOM

January 2004

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## PRESENT POSITION

Clarence James Gamble Professor of Economics and Demography  
Chair, Department of Population and International Health  
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## PREVIOUS POSITIONS

*Harvard University, Harvard Institute for International Development*  
Director, Education and Social Development Group, July 1998–June 1999  
Deputy Director, July 1996–June 1999  
Acting Executive Director, July 1995–June 1996

*Harvard University, School of Public Health*  
Professor of Economics and Demography, July 1999 –  
Professor of Population and Health Economics, July 1996–June 1999

*Columbia University, Department of Economics*  
Chairman, July 1990–December 1993  
Professor of Economics, July 1987–June 1996

*Russell Sage Foundation*  
Scholar-in-Residence, 1989–90 academic year

*Harvard University, Department of Economics*  
Visiting Professor of Economics, July 1987–March 1988  
Paul Sack Associate Professor of Political Economy, July 1985–June 1987  
Assistant Professor of Economics, July 1982–June 1985

*Carnegie-Mellon University, School of Urban and Public Affairs*  
Assistant Professor of Economics, September 1980–June 1982

## PROFESSIONAL EXPERIENCE

- Member, Board of Directors, American Foundation for AIDS Research (amfAR; since June 2000); Co-Chair of the Public Policy Committee
- Member, Book Review Board, *Science* (since January 2000)
- Member, Steering Committee, Harvard Center for International Development (July 1998 to June 2002).
- Faculty Associate, Harvard Center for International Development (from July 2002).
- Faculty Fellow, Environmental Economics Program, Center for Business and Government, Kennedy School of Government (since October 2000)
- Faculty Fellow, Center for Population and Development Studies, Harvard University (since 1996)
- Faculty Fellow, Harvard Institute for International Development, Harvard University (1996-2000)
- Member, UNAIDS Reference Group on Economics (since October 2000)
- Study Co-Director and Head of Secretariat, Task Force on Higher Education (1998–2000)
- Member, Nominating Committee, American Economic Association (1994–1995)
- Member, Board of Reviewing Editors, *Science* (August 1991–December 1999)
- Member, Science Advisory Panel, Alan Guttmacher Institute (1987–90)
- Contributing Editor, *American Demographics* (1986–90)
- Associate Editor, *Review of Economics and Statistics* (1986–92)
- Faculty Research Associate, National Bureau of Economic Research, Labor Studies Program (since September 1985); Aging Program; Health Economics Program
- Faculty Research Fellow, National Bureau of Economic Research, Labor Studies Program (September 1982–August 1985)
- Consulting: National Academy of Sciences: Committee on Population (Panel on Population Growth and Economic Development), Committee on Science, Engineering, and Public Policy (Panel on Technology and Employment); World Health Organization; Inter-American Development Bank; Asian Development Bank Institute; UN Conference on Trade and Development; Ministry of Finance and Ministry of Education, Government of Indonesia (with Harvard Institute for International Development Advisory Group); IBM; Shearson, Lehman, Hutton; Xerox Corporation; Burlington Air Express; USAIR; World Bank (*World Development Report 1992*; *World Development Report 1993*; *World Development Report 1999*; *World Development Report 2000*; Environment and Poverty Division); United Nations Development Programme (*Social and Economic Implications of HIV/AIDS in Asia and the Pacific*; *Human Development Report 2001*); Chemical Bank; Asian Development Bank; Research Office of the State Council, Government of China; International Labour Organization (*World Employment Report*); Empire Blue Cross Blue Shield; Knolls Atomic Power Laboratory; Energy Transportation Corporation; General Electric Power Systems; MBNA; Bingham Dana LLP; AIG Aviation; Chase Fleming; ITT Automotive; Abt Associates; Sodexo Marriot; Association of Aviation Underwriters; The MacArthur Foundation.
- Refereeing: *Journal of Health Economics*; *Proceedings of the National Academy of Sciences*; *Environmental Conservation*, *Policy Studies Journal*, *World Development*, *Economics Letters*, *Journal of Financial Services Research*, *Economics of Education Review*, *Journal of Political*

*Economy, Journal of the American Statistical Association, Journal of Business and Economic Statistics, Demography, Econometrica, Industrial and Labor Relations Review, Industrial Relations, Quarterly Journal of Economics, AREUEA Journal, Review of Economics and Statistics, International Economic Review, Journal of Family Issues, Advances in Industrial Relations, Journal of Labor Economics, Journal of AIDS, Journal of Economics and Business, Harvard Business Review, Journal of Human Resources, Rand Journal of Economics, European Journal of Population, Economic Journal, American Economic Review, Journal of Policy Analysis and Management, Science, Population Research and Policy Review, Population and Development Review, Journal of the American Medical Association, Economic Development and Cultural Change, Journal of Economic Literature, American Journal of Sociology, Quarterly Review of Economics and Business, International Journal of Forecasting, American Journal of Public Health, American Sociological Review, Public Finance Quarterly, Canadian Journal of Economics, Asian Development Review, Applied Demography, Journal of Population Economics, Review of Higher Education, Journal of Demographic Research, Journal of Environmental Economics and Management, Journal of Eastern Caribbean Studies, PharmacoEconomics, Journal of Economic Geography, Applied Population and Policy, Journal of Human Development, Bulletin of the World Health Organization, Social Forces, Oxford Bulletin of Economics and Statistics, The B.E. Journals in Economic Analysis & Policy, World Bank publications, Taylor and Francis (Routledge), Social Science Research Council, Workers' Compensation Research Institute, National Science Foundation (Divisions of Economics, Law and Social Sciences, Decision Sciences, and Sociology), Russell Sage Foundation, Cambridge University Press, Stanford University Press, Oxford University Press, Elsevier North-Holland, McGraw-Hill, Macmillan Publishers, University of Chicago Press, Scott Foresman, Harper-Collins, Harvard University Press, Social Sciences and Humanities Research Council of Canada; The Wellcome Trust; *Social Service Review*; The Alan Guttmacher Institute, The Bank of Sweden Tercentenary Foundation.*

- Arbitrator, Member of American Arbitration Association Labor Arbitration Panel (since October 1983)
- Fulbright Scholarship to conduct demographic research in India, 1982–83 (3 months)
- Member, National Academy of Sciences' Committee on Human Factors (1990–92); Member, National Academy of Sciences' Committee on National Needs for Biomedical and Behavioral Research Personnel (January 1993–September 1994)
- Member, Editorial Board, *Applied Population and Policy* (since November 2002)

## **RESEARCH INTERESTS**

Applied Microeconomics: labor, population, health, development, and environment  
 Demography  
 International Health

## **TEACHING**

'Introduction to Global Health and Population', Department of Economics, Harvard University, spring 2003-04. (Economics 1385)

‘Foundations of Global Population and Health’, with Joel Lamstein, Harvard University School of Public Health, fall 2002; fall 2003.

‘World Population and Health’, Harvard University School of Public Health, fall 1999; fall 2000; fall 2001

‘Doctoral Seminar in Population and International Health’, Harvard University School of Public Health, spring 2000; spring 2001; spring 2003.

‘Population and Development’, Harvard University School of Public Health, winter 1998–99 (with Allan Hill)

‘Development and Living Standards’, Harvard University School of Public Health and Department of Economics, fall 1996–97 (with Amartya Sen)

‘Microeconomics for Economic Policy Management’, Columbia University School of International and Public Affairs, Program in Economic Policy Management, summer 1992, summer 1993, summer 1994, spring 1992–93, spring 1993–94, spring 1994–95

‘Economics of Labor and Population’, Columbia Economics Department PhD Program, fall semester, 1987–88 academic year; 1993–94

‘Principles of Economics’, Columbia Economics Department Undergraduate Program, 1988–89, 1990–91, 1991–92, 1992–93 academic years

‘Labor Economics’, Columbia Economics Department Undergraduate Program, spring semester, 1987–88 academic year; fall semester, 1988–89 academic year

‘Labor Market Analysis’, Harvard Economics Department PhD Program, fall semester, 1982–87 academic years

‘Applied Econometrics’, Harvard Economics Department PhD and Undergraduate Programs, spring semester, 1983–87 academic years (with Mark Watson or Chris Cavanagh)

‘Economics of Population’, Harvard Economics Department PhD and Undergraduate Programs, spring semester, 1986–87 academic year (with Harvey Leibenstein and Joseph Potter)

‘Research in Labor Economics’, Harvard Economics Department Undergraduate Program, fall and spring semesters, 1982–87 academic years

‘Research Seminar in Demography’, Harvard Center for Population Studies, 1985–87 academic years (with Joseph Potter and Michael Stoto)

‘Trade Unions, Collective Bargaining, and Public Policy’, Harvard Economics Department Undergraduate Program, spring semester, 1982–83 academic year; fall semester, 1984–85 academic year (with John Dunlop)

‘Applied Econometrics’, School of Urban and Public Affairs Master’s Program, two-semester sequence, 1981–82 academic year

‘The Theory and Practice of Labor–Management Relations’, School of Urban and Public Affairs Master’s Program, two-semester sequence, 1980–82 academic years (with Ben Fischer)

‘Applied Mathematical Demography’, School of Urban and Public Affairs PhD Program, spring semester, 1980–81 academic year

## **HONORS AND DISTINCTIONS**

Master of Arts, Harvard University, July 1996 (honorary)

Alfred P. Sloan Research Fellow, September 1986–September 1991

1987 Galbraith Award for ‘Good Teaching in Economics’, Harvard University (honorable mention: 1984, 1985, 1986)

## **EDUCATION**

PhD, Economics and Demography, Princeton University, January 1981

MA, Economics, Princeton University, June 1978

BSc, Industrial and Labor Relations, New York State School of Industrial and Labor Relations, Cornell University, May 1976

**DATE OF BIRTH:** October 16, 1955

**PLACE OF BIRTH:** New York, USA

**FAMILY STATUS:** Married with two children

## PUBLICATIONS

- ‘Health, Wealth, and Welfare’, with David Canning and Dean Jamison, *Finance and Development*, April 2004, forthcoming.
- ‘How Demographic Change Can Bolster Economic Performance in Developing Countries’, with David Canning, *World Economics*, 2003, Vol. 4, No. 4, October-December, pp. 1-14.
- ‘Contraception and the Celtic Tiger’, with David Canning, *Economic and Social Review*, Winter 2003, Vol. 34, No. 3, pp. 229-247. (Based on the ESR/DEW Guest Lecture)
- ‘The Effect of Health on Economic Growth: A Production Function Approach,’ with David Canning and Jaypee Sevilla, *World Development*, 2004, Vol. 32, No. 1, pp. 1-13.
- ‘Business and HIV/AIDS: Who Me?’ with Lakshmi Reddy Bloom, David Steven, and Mark Weston, World Economic Forum, December 2003, Geneva Switzerland.
- ‘Geography and Poverty Traps’, with David Canning and Jaypee Sevilla, *Journal of Economic Growth*, 2003, Vol. 8, pp. 355-378.
- “‘Higher Education in Developing Countries: Peril and Promise’: Has It Made a Difference?” with Henry Rosovsky, *Comparative Education Review*, forthcoming 2004.
- ‘Longevity and Life Cycle Savings’, with David Canning and Bryan Graham, *Scandinavian Journal of Economics*, 2003 (Vol 105, No. 3): 319-338.
- ‘Profits and People: On the Incentives of Business to Get Involved in the Fight Against AIDS,’ with Jaypee Sevilla, in Guillem López-Casasnovas, Berta Rivera and Luis Currais, eds., *Health and Economic Growth: Findings and Policy Implications*, MIT Press, forthcoming 2004.
- ‘Governance: Playing by a Simple Set of Rules’, with David Steven and Mark Weston, *South China Morning Post*, October 2, 2003, A13.
- ‘Girls’ education in developing countries: mind the gap’ with Mark Weston, WIDE ANGLE homepage (<http://www.pbs.org/wnet/wideangle/shows/school/briefing.html>), September 2003.
- ‘Self-reliance: the validity, relevance and usefulness of the Sao Paulo declaration’, *Energy for Sustainable Development*, Vol. VII, No. 2, June 2003.
- ‘Globalization and Education: An Economic Perspective’, in Marcelo M. Suarez-Orozco and Desiree Baolian Qin-Hilliard, eds., *Education, Culture and Globalization in the New Millenium*, University of California Press, forthcoming 2004.

‘Governance in Asia: Underpinning Competitiveness in a Global Economy’, with David Steven and Mark Weston, May 2003, *Project Syndicate OPED*, appeared in multiple newspapers throughout the world, in 5 languages.

‘Making Globalization and Liberalization Work for People: Analytical Perspectives’, with Manuel R. Agosin, in Dennis A. Rondinelli and G. Shabbir Cheema, eds., *Re-inventing Government for the 21<sup>st</sup> Century: Public Sector Capacity in a Globalizing Society*, Kumarian Press, forthcoming 2004.

‘From Demographic Lift to Economic Liftoff: The Case of Egypt’, with David Canning. *Applied Population and Policy*, September 2003, pp. 15-24.

‘Health as Human Capital and its Impact on Economic Performance’, with David Canning, *The Geneva Papers on Risk and Insurance* 28:2 (April 2003), 304-315.

‘Why Developing Countries Should Not Neglect Liberal Education’, with Henry Rosovsky, *Liberal Education*, vol. 89, no. 1, winter 2003, 16-23.

‘Universal Basic and Secondary Education: Remarks to New Fellows Being Inducted into the American Academy of Arts and Sciences’, *Bulletin of the American Academy of Arts and Sciences*, Winter 2003, Vol. 56, no. 2, Cambridge, Mass.: American Academy of Arts and Sciences, 31-35.

The Three Spheres – Experiences from Latin America, Africa and Asia, with Larry Rosenberg and Mark Weston, in Manuel R. Agosin, David E. Bloom, Georges Chapelier, and Jagdish Saigal, eds., *Solving the Riddle of Globalization and Development*. Earthscan, UK: forthcoming 2004.

‘Mastering Globalization: From Ideas to Action on Higher Education Reform,’ in Gilles Breton and Michel Lambert, eds. In *Globalisation Universities, Private Linkages, Public Trust*, UNESCO, IAU and Presses de l’Université Laval, pp. 139-151. (French language version: *Globalisation Universités, Nouvel Espace, Nouveaux Acteurs*).

“Should There Be A General Subsidy For Higher Education In Developing Countries?” with Jaypee Sevilla, in *Journal of Higher Education in Africa*, Vol 1, No. 2, forthcoming 2004.

‘The Health and Poverty of Nations: From Theory to Practice’, with David Canning, *Journal of Human Development*, March 2003, Vol. 4, No. 1, 47-71.

- ‘The Unfinished Revolution: Universal Basic and Secondary Education’, with Joel Cohen, *Daedalus*, Summer 2002, 84-95.
- ‘Health’, with David Canning, *World at Risk: A Global Issues Sourcebook*, Washington DC, CQ Press, 2002, 278-297.
- ‘Introduction’, with Manuel Agosin, David Bloom, Georges Chapelier and Jagdish Saigal, in Manuel R. Agosin, David E. Bloom, Georges Chapelier, and Jagdish Saigal, eds., *Solving the Riddle of Globalization and Development*. Earthscan, UK: forthcoming 2004.
- ‘Continental drift: globalization, liberalization and sustainable human development in sub-Saharan Africa’, with David Steven and Mark Weston, in Manuel R. Agosin, David E. Bloom, Georges Chapelier, and Jagdish Saigal, eds., *Solving the Riddle of Globalization and Development*. Earthscan, UK: forthcoming 2004.
- ‘Liberalization, economic growth and sustainable human development in Asia: learning from the miracle workers’, with Larry Rosenberg, David Steven, and Mark Weston. in Manuel R. Agosin, David E. Bloom, Georges Chapelier, and Jagdish Saigal, eds., *Solving the Riddle of Globalization and Development*. Earthscan, UK: forthcoming 2004.
- ‘Higher Education in Developing Countries: from peril to promise’, with Henry Rosovsky and David Steven, *Times Higher Education Supplement*, March 2002.
- ‘Social Science in Prime Time: Academia in the Public Eye’, with Neil Bennett, *Contexts*, Vol. 1, No. 4, Fall 2002, forthcoming.
- ‘Higher Education and International Development: Peril and Promise’, *SHRE International News*, No. 46, November 2001, 20-24.
- ‘Higher Education and International Development’, with Henry Rosovsky, *Current Science*, Vol. 81, No. 3, August 2001, 101-105.
- ‘Globalization, Informalization, Criminalization and North-South Interaction’, with S. Mansoob Murshed, in *Globalization, Marginalization and Development*, S. Mansoob Murshed, ed., 2002, London: Routledge, 35- 46.
- ‘The Demography of Aging in Japan and the United States’, with A. K. Nandakumar and Manjiri Bhawalkar, in Gail B. Hedges, ed., *Aging and Health: Environment, Work and Behavior*, Harvard University Printing and Publication, 2003.
- ‘A New Health Opportunity’, with David Canning, *Development*, 2001, 44:1, 36-43.
- ‘Energy and Social Issues’, with Amulya K. N. Reddy, Wendy Annecke, Kornelis Blok, Brenda Boardman, Anton Eberhard, Jamuna Ramakrishna, Quentin Wodon, and Anita Zaidi, in *World Energy Assessment: Energy and the Challenge of Sustainability*, New York: United Nations Development Programme, 2000, 39-60.
- ‘Globalization, Liberalization, and Sustainable Human Development: Analytical Perspectives’, with Manuel R. Agosin, in Manuel R. Agosin, David E. Bloom, Georges Chapelier, and Jagdish

- Saigal, eds., *Solving the Riddle of Globalization and Development*. Earthscan, UK: forthcoming 2004.
- ‘Globalization, Liberalization, and Sustainable Human Development in Central America’, with Manuel R. Agosin and Eduardo Gitli, in Manuel R. Agosin, David E. Bloom, Georges Chapelier, and Jagdish Saigal, eds., *Solving the Riddle of Globalization and Development*. Earthscan, UK: forthcoming 2004.
- ‘Global Integration and the Reduction of Poverty’, with David Canning, Bryan Graham, and Jaypee Sevilla, in Manuel R. Agosin, David E. Bloom, Georges Chapelier, and Jagdish Saigal, eds., *Solving the Riddle of Globalization and Development*. Earthscan, UK: forthcoming 2004.
- ‘Closing the Loop: Latin America, Globalization, and Human Development’, with David Canning and River Path Associates, in Manuel R. Agosin, David E. Bloom, Georges Chapelier, and Jagdish Saigal, eds., *Solving the Riddle of Globalization and Development*. Earthscan, UK: forthcoming 2004.
- ‘A Moment in Time: AIDS and Business’, with Allan Rosenfield and River Path Associates, *AIDS Patient Care and STDs*, September 2000, 509-516.
- ‘Business, AIDS, and Africa’, with Lakshmi Reddy Bloom and River Path Associates, in *Africa Competitiveness Report 2000/2001*, New York: Oxford University Press, 2000, 26-37.
- ‘Converging Agendas: AIDS and Business’, *AIDS Patient Care and STDs*, September 2000, 505-508.
- ‘Demographic Change and Economic Growth in Asia’, with David Canning and Pia Malaney, *Population and Development Review*, 2000, Vol. 26, 257-290.
- ‘Demographic Change and Economic Growth: The Role of Cumulative Causality’, with David Canning, in Nancy Birdsall, Allen C. Kelley, and Stephen Sinding, eds, *Population Does Matter: Demography, Growth, and Poverty in the Developing World*. New York: Oxford University Press, 2001.
- ‘Coping with Municipal Solid Waste in Developing Countries’, with David N. Beede, in Shahid Yusuf, Weiping Wu, and Simon Evenett, eds, *Local Dynamics in an Era of Globalization*, Washington, D.C.: World Bank, 2000, 175-179.
- ‘Education in Central America’, with Benjamín Alvarez, Joan Dassin, and Larry Rosenberg, in *Economic Development in Central America Vol. II: Structural Reform*, Felipe B. Larrain, ed. Cambridge, Massachusetts: John F. Kennedy School of Government, Harvard University 2001, 247-268.
- ‘Education Reform in Central America, Panama and the Dominican Republic: Preface’, in Juan Carlos Navarro, Katherine Taylor, Andres Bernasconi, and Lewis Tyler, eds, *Perspectivas sobre la reforma educativa: América Central en el contexto de políticas de educación en las Américas*, Washington, D.C.: InterAmerican Development Bank, 2000, v-xiii.

- ‘Health and the Economy’, with Jennifer Prah Ruger and Dean Jamison, in Michael H. Merson, Robert E. Black, and Anne J. Mills, eds, *International Public Health: Diseases, Programs, Systems and Policies*, Gaithersburg, Maryland: Aspen Publishers, 2000, 617-666.
- ‘Population Growth, Structure, and Policy: Comment’, in Andrew Mason, Thomas Merrick, and R. Paul Shaw, eds., *Population Economics, Demographic Transition, and Development: Research and Policy Implications*, Washington, D.C.: World Bank, 1999, 16-18.
- ‘Public and Private Roles in Providing and Financing Social Services: Health and Education’, with Patricia Craig and Marc Mitchell, in *Public–Private Partnerships in the Social Sector: Issues and Country Experiences in Asia and the Pacific*, Yidan Wang, ed., Tokyo: Asian Development Bank Institute Publishing, March 2000, 19–34.
- ‘Social Capitalism and Human Diversity’, with River Path Associates, *The Creative Society of the 21st Century*, Paris: OECD, 2000, 25-77.
- ‘Something To Be Done: Treating HIV/AIDS’, with River Path Associates, *Science*, vol. 288, 23 June 2000, 2171–2173.
- ‘The Health and Wealth of Nations’, with David Canning, *Science*, vol. 287, February 18, 2000, 1207–9. (Reprinted as Chapter 26 in *Health and Disease: A Reader*, Clara Waissbein, ed, 2001, Open University Press. In addition, ‘Response to Family Planning Programs and National Prosperity’, with David Canning, *Science*, vol. 288, June 9, 2000, 1748.)
- ‘The Quality of Life in Rural Asia – Summary’, with Patricia Craig and Pia Malaney, in Asian Development Bank, eds, *Rural Asia: Beyond the Green Revolution*, Manila: Asian Development Bank, 2000, 133–151.
- ‘Universal Basic and Secondary Education’, with Joel E. Cohen, *Politics and Life Sciences*, 1999, Vol 18, No. 2, 213-216.
- ‘Economic Perspectives on the Global AIDS Epidemic’, *AIDS Patient Care and STDs*, April 1999, vol. 13, No. 4, 229-34.
- ‘Investing in the World Health Organization,’ with Barry Bloom, Joel Cohen, and Jeffrey Sachs, *Science*, vol. 284, May 7, 1999, 911.
- ‘The Health and Wealth of Nations’, with David Canning, in *World Health Opportunity: Developing Health, Reducing Poverty*. London: World Health Organization, May 1999, 7–13.
- ‘Child Support and Fathers' Remarriage and Fertility’, with Cecilia Conrad and Cynthia Miller, in I. Garfinkel, S. McLanahan, D. Meyer, and J. Seltor, eds, *The Effects of Child Support Enforcement on Non-Resident Fathers*, New York: Russell Sage, 1998, 130–158.
- ‘Demographic Transitions and Economic Miracles in Emerging Asia’, with Jeffrey Williamson, *World Bank Economic Review*, 1998, vol. 12, No. 3, 419–55.
- ‘Geography, Demography, and Economic Growth in Africa’, with Jeffrey Sachs, *Brookings Papers on Economic Activity*, 1998, vol. 2, 207–295.

- ‘Macroeconomic Consequences of the Russian Mortality Crisis’, with Pia Malaney, *World Development*, November, 1998, 2073–2085.
- ‘Technology, Experimentation, and the Quality of Survey Data’, *Science*, May 8, 1998, 847–848.
- ‘The Demographic Crisis in the Former Soviet Union: Introduction’ with Charles Becker, in *World Development*, November, 1998, 1913–1919.
- ‘The Demographic Implications of the Russian Mortality Crisis’, with Neil G. Bennett and Serguey F. Ivanov, *World Development*, November, 1998, 1921–1937
- ‘AIDS, Flu, and the Black Death: Impacts on Economic Growth and Well-Being’, with Ajay Mahal, in David Bloom and Peter Godwin, eds, *The Economics of HIV and AIDS: The Case of South and South East Asia*, New Delhi: Oxford University Press, 1997, 22–52.
- ‘Demographic Change and Human Resource Development’, with Jeffrey G. Williamson, in *Emerging Asia: Changes and Challenges*, Asian Development Bank, 1997, 141–197.
- ‘Does the AIDS Epidemic Threaten Economic Growth?’, with Ajay Mahal, *Journal of Econometrics*, 1997, 105–124.
- ‘Economic Implications of HIV/AIDS in Sri Lanka’, with Ajay Mahal, Malsiri Dias, Lene Christiansen, Amala deSilva, Saroj Jayasinghe, Swarna Jayaweera, Soma Mahawewa, Thana Sanmugam, and Gunatillake Tantrigama, in *The Economics of HIV and AIDS: The Case of South and South East Asia*, David Bloom and Peter Godwin, eds, New Delhi: Oxford University Press, 1997, 155–263.
- ‘Emerging Asia’, with Jeffrey Sachs, in *Emerging Asia: Changes and Challenges*, Manila: Asian Development Bank, 1997, 1–59.
- ‘Is an Integrated Regional Labor Market Emerging in East and Southeast Asia?’, with Waseem Noor, in Duncan Campbell, Aurelio Parisotto, Anil Verma, and Asma Lateef, eds, *Regionalization and Labour Market Interdependence in East and Southeast Asia*, New York: St. Martin’s Press, 1997, 15–39.
- ‘Poverty’ section of Chapter 2, ‘Energy and Major Global Issues’, with John Gallup and David Beede, in *Energy after Rio: Prospects and Challenges*, New York: United Nations Development Programme, 1997, 7–12.
- ‘The AIDS Epidemic and Economic Policy Analysis,’ with Ajay Mahal, *Current Science*, November 1995, 865–69. (reprinted in David Bloom and Peter Godwin, eds, *The Economics of HIV and AIDS: The Case of South and South East Asia*, New Delhi: Oxford University Press, 1997, 9–21.
- ‘Language, Employment, and Earnings in the United States: Spanish-English Differentials from 1970 to 1990’, with Gilles Grenier, *International Journal of the Sociology of Language*, (Special Issue on the Economics of Language), vol. 121, 1996, 45–68.

- ‘Minding the Baby in the United States’, with Todd Steen, in Kim V.L. England, ed., *Who Will Mind the Baby: Geographies of Child Care and Working Mothers*, London: Routledge, 1996, 23–35.
- ‘AIDS in Asia: Introduction’ *Current Science*, November 1995, 822.
- ‘Changes in the Structure of Family Income Inequality in the United States and Other Industrialized Nations during the 1980s’, with McKinley Blackburn, *Research in Labor Economics*, 1995, 141–170.
- ‘Economics of Municipal Solid Waste’, with David Beede, *World Bank Research Observer*, August 1995, 113–150.
- ‘International Public Opinion on the Environment’, *Science*, July 21 1995, 354–358.
- ‘The Changing Labor Market Position of Canadian Immigrants’, with Gilles Grenier and Morley Gunderson, *Canadian Journal of Economics*, November 1995, 987–1005. (Reprinted in *The Economics of Migration*, Klaus Zimmerman and Thomas Bauer, eds., Edward Elgar Publishing, Surrey, UK, 2001)
- ‘The Influence of Nonmarital Childbearing on the Formation of First Marriages,’ with Neil Bennett and Cynthia Miller, *Demography*, February 1995, 47–62.
- ‘Changes in Earnings Differentials in the 1980s: Concordance, Convergence, Causes, and Consequences’, with McKinley L. Blackburn and Richard B. Freeman, in Dimitri B. Papadimitriou and Edward N. Wolff, eds, *Poverty and Prosperity in the USA in the late Twentieth Century*, London: Macmillan, 1993, 275–316.
- ‘Fertility Timing, Wages, and Human Capital’, with McKinley Blackburn and David Neumark, *Journal of Population Economics*, 1993, 1–31.
- ‘Labor and the Emerging World Economy’, with Adi Brender, *Population Bulletin*, Washington, D.C.: Population Reference Bureau, October 1993.
- ‘The Economics of Disease’, with Myo Thant and Ajay Mahal, *Economic Times*, February 1993.
- ‘Reflections on Jacob Mincer’, with Aloysius Siow, *Journal of Labor Economics*, January 1993, v–viii.
- ‘The Distribution of Total Family Income: Measuring and Explaining Changes in the 1980s for Canada and the U.S.’, with McKinley Blackburn, in David Card and Richard B. Freeman, eds, *Small Differences that Matter: Labor Markets and Income Maintenance in Canada*, Chicago: University of Chicago Press, 1993, 233–266.
- ‘Who is Bearing the Cost of the HIV/AIDS Epidemic in Asia?’, with Sherry Glied, in *Economic Implications of AIDS in Asia*, David E. Bloom and Joyce V. Lyons, eds, United Nations Development Programme, 1993, 161–181. Reprinted in *Current Science*, 1993; Reprinted in *AIDS Reference Guide: A Source book for Planners and Decision Makers*, 1993, Section 222; Abridged version reprinted in *HIV*, July–September 1993.

- ‘American Marriage Patterns in Transition’, with Neil Bennett, in Scott J. South and Stuart E. Tolnay, eds, *The Changing American Family: Sociological and Demographic Perspectives*, Boulder, Colorado, Westview Press, 1992, 89–108.
- ‘Economic Perspectives on Language: The Relative Value of Bilingualism in Canada and the United States’, with Gilles Grenier, in James Crawford, ed., *Language Loyalties: A Source Book on the Official English Controversy*, Chicago: University of Chicago Press, 1992, 445–452.
- ‘Projecting the Number of New AIDS Cases in the United States’, with Sherry Glied, *International Journal of Forecasting* (Special Issue on Population Forecasting), vol. 8, November 3, 1992, 339–366.
- ‘The Economic Position of Linguistic Minorities: French in Canada and Spanish in the U.S.’, with Gilles Grenier, in Barry R. Chiswick, ed., *Immigration, Language and Ethnicity: Canada and the United States*, Washington: American Enterprise Institute, 1992, 373–409.
- ‘The Fall in Pension Coverage in the U.S.’, with Richard Freeman, in *American Economic Review Papers and Proceedings*, May 1992, 539–545. (Reprinted in Pension Coverage Issues for the ‘90s, U.S. Department of Labor, 1994.)
- ‘The Practical Importance of Sample Weights,’ with Todd Idson, *1991 Proceedings of the American Statistical Association*, Social and Economic Statistics Section, Washington, D.C.: American Statistical Association, 1992, 620–624.
- ‘An Analysis of the Earnings of Canadian Immigrants’, with Morley Gunderson, in John Abowd and Richard Freeman, eds, *Immigration, Trade, and the Labor Market*, Chicago: University of Chicago Press, 1991, 321–342.
- ‘Benefits and Costs of HIV Testing’, with Sherry Glied, *Science*, June 28 1991, 1798–1804.
- ‘An Era of Falling Earnings and Rising Inequality?’, with McKinley Blackburn and Richard Freeman, *Brookings Review*, Winter 1990/91, 38–43.
- ‘Child Care and Public Policy: Introduction’, with David Beede, *Population Research and Policy Review*, January 1990, 1–4.
- ‘Comment on The Outlook for Jobs and Living Standards’, in *Jobs, Earnings and Employment Growth Policies in the United States*, John Kasarda, ed., Dordrecht, The Netherlands: Kluwer, 1990, 67–69.
- ‘Modeling American Marriage Patterns’, with Neil Bennett, *Journal of the American Statistical Association*, December 1990, 1009–1017.
- ‘Plotting Our Destiny: Interpreting Our Demographic Trajectory’, with Neil Bennett, *Journal of the American Planning Association*, Spring 1990, 135–139.
- ‘The Labor Force Implications of Expanding the Child Care Industry’, with Todd Steen, *Population Research and Policy Review*, January 1990, 25–44.

- ‘The Declining Economic Position of Less Skilled American Men’, with McKinley Blackburn and Richard Freeman, in Gary Burtless, ed., *A Future of Lousy Jobs?* Washington, D.C.: The Brookings Institution, 1990, 31–67.
- ‘The Economics of HIV Testing in Employment Contexts’, with Sherry Glied, *Papers and Proceedings of the Industrial Relations Research Association*, 1990, 10–16.
- ‘Comment on The Future Prospects of Widows, in *The Economics of Aging*, David Wise, ed., Chicago: University of Chicago Press, 1989, 223–229.
- ‘Future Shock’, with Neil Bennett, *New Republic*, June 19, 1989, 18–22.
- ‘Income Inequality, Business Cycles, and Female Labor Supply’, with McKinley Blackburn, *Research on Economic Inequity*, vol. 1, 1989, 327–342.
- ‘The Divergence of Black and White Marriage Patterns’, with Neil Bennett and Patricia Craig, *American Journal of Sociology*, November 1989, 692–722.
- ‘The Economic Outlook: Haves and Have-Nots’, *ADWEEK: Marketing to the Year 2000*, 1989, 87.
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- ‘Mortgage Lending Discrimination and the Decision to Apply: A Methodological Note’, with Beth Preiss and James Trussell, *AREUEA Journal*, vol. 11, 1983, 96–102.
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- ‘Collective Bargaining, Compulsory Arbitration, and Salaries in the Public Sector: The Case of New Jersey’s Municipal Police Officers’, *Journal of Labor Research*, Fall 1981, 369–384.
- ‘Correcting Contraceptive Failure Rates for Sample Composition and Sample Selection Bias’, with James Trussell and Anne Pebley, *Social Biology*, 1981, 293–298.
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- ‘Customized Final-Offer: The New Jersey Arbitration Law’, *Monthly Labor Review*, September 1980, 30–33, and November 1980, 50.
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## **BOOKS, MONOGRAPHS, AND SPECIAL ISSUES OF JOURNALS**

*Asia's Economies and the Challenge of AIDS*, with Ajay Mahal, Larry Rosenberg, Jaypee Sevilla, David Steven, and Mark Weston, Asian Development Bank, forthcoming 2004.

*The Demographic Dividend: A New Perspective on the Economic Consequences of Population Change*, with David Canning and Jaypee Sevilla, Santa Monica, Calif.: RAND, MR-1274, 2002.

*Solving the Riddle of Globalization and Development*, with Manuel R. Agosin, Georges Chapelier, and Jagdish Saigal, eds., Earthscan, UK: forthcoming 2004.

*Higher Education in Developing Countries: Peril and Promise*, with Henry Rosovsky, in conjunction with the Task Force on Higher Education, 2000, Washington, D.C.: The World Bank. (plus Spanish-language translation; plus Chinese-language translation)

*The Quality of Life in Rural Asia*, with Patricia Craig and Pia Malaney, Hong Kong: Oxford University Press, 2001.

'The Demographic Crisis in the Former Soviet Union', guest co-editor, with Charles Becker, *World Development*, Special Issue, November 1998.

*Emerging Asia: Changes and Challenges*, with Jeffrey D. Sachs, principal author and academic coordinator of academic advisors to the Asian Development Bank, Manila: Asian Development Bank, 1997.

*The Economics of HIV and AIDS: The Case of South and South East Asia*, with Peter Godwin, eds, United Nations Development Programme, New Delhi: Oxford University Press, 1997. (2nd edn 1998.)

'AIDS in Asia', guest editor for special issue of *Current Science*, November 1995.

*Economic Implications of AIDS in Asia*, with Joyce V. Lyons, eds, New Delhi: United Nations Development Programme, January 1993.

*Enterprises for the Recycling and Composting of Municipal Solid Waste in Jakarta, Indonesia*, with Christopher Bennett, Lakshmi Reddy Bloom, Marguerite Robinson, and Michael Simpson, Jakarta, Indonesia: Center for Policy and Implementation Studies, 1993.

*Journal of Labor Economics*, special issue in honor of Jacob Mincer, with Aloysius Siow, eds, vol. 11, no. 1, part 1, January 1993.

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## **OTHER PAPERS**

'Can Demography Forecast Economic Growth?', with David Canning, paper presented in

Sweden, January 2004.

‘Population Health Dynamics and Saving’, with David Canning and Michael Moore, paper presented at the January 2004 meeting of the American Economic Association, San Diego, California.

‘Beyond the Basics: Patterns, Trends and Issues in Secondary Education in Developing Countries’, September 2003. Paper prepared for the World Bank.

‘The Health and Wealth of Africa,’ with David Canning, paper prepared for September 2003 meeting of African health ministers, forthcoming, The World Health Organization.

‘Governance Matters: The Role of Governance in Asian Development’, with Larry Rosenberg, David Steven, and Mark Weston, March 2003.

‘Childhood Immunization as Human Capital’, with David Canning and Erica Seiguer, 2003.

‘Raising the Pressure: Globalization and the Need for Higher Education Reform’, Paper presented at symposium honoring the 175<sup>th</sup> anniversary of the University of Toronto, October 2002.

“Reproductive Health and the Macroeconomy,” Paper presented at symposium in honor of the 50<sup>th</sup> anniversary of the International Planned Parenthood Federation, New Delhi, India, November 2002.

‘A Demographic Contribution To The Feldstein-Horioka Puzzle’, with David Canning and Michael Moore, paper to be presented at conference on Population Aging and International Capital Markets, December 6-7, 2002, Mannheim Germany.

“Rates of Return on Investments in Education: Reconciling Micro and Macro Estimates”, with David Canning, paper presented at the American Academy of Arts and Sciences, July 2002.

“A Cross-Country Comparison of the Demographic Impact of Traditional Biomass Fuel Use: Implications for a Global Energy Policy”, with Anita K. M. Zaidi, September 2002, Environmental Health Perspectives, forthcoming 2003.

“Health, Worker Productivity, and Economic Growth”, with David Canning and Jaypee Sevilla, paper presented at 13th Annual Health Economics Conference, June 2-3, 2002, Pittsburgh Pennsylvania.

‘Jamaica: Globalisation, Liberalization and Sustainable Human Development’, with Ajay S. Mahal, Damien King, Fiorina Mugione, Aldrie Henry-Lee, Dillon Alleyne, Philip Castillo, and River Path Associates. Paper prepared for the UNCTAD/UNDP Programme on Globalisation, Liberalization, and Sustainable Human Development. 2001.

- “AIDS and Economics,” with Ajay Mahal, Jaypee Sevilla, and River Path Associates, paper prepared for Working Group I of the WHO Commission on Macroeconomics and Health, November 2001.
- ‘Technological Diffusion and Economic Growth’, with David Canning and Jaypee Sevilla, January 2002, NBER Working Paper 8713, submitted for publication.
- ‘HIV/AIDS and the Private Sector: A Literature Review’, with Ajay Mahal and River Path Associates, June 2001, submitted for publication.
- ‘Energy and Population: Burden of Disease from Indoor Air Pollution’, with Anita Zaidi, April 1999.
- ‘Globalisation, Global Public “Bads”, Rising Criminal Activity and Growth’, with S. Mansoob Murshed, WIDER, Discussion Paper 2001/50.
- ‘Population Change and Human Development in Latin America’, with David Canning, David Evans, Bryan Graham, Patrick Lynch, and Erin Murphy. Background paper prepared for the Inter-American Development Bank in connection with *Economic and Social Progress in Latin America, 1999–2000 Report*, 2000.
- ‘Social Technology and Human Health’, with River Path Associates and Karen Fang, July 2001, submitted for publication.
- ‘The United States and Global Health’, with Jordan Kassalow and River Path Associates, June 2000.
- ‘Demographic Change and Economic Growth in Jordan’, with David Canning, Kingka Huzarski, David Levy, A. K. Nandakumar, Jaypee Sevilla, and Manjiri Bhawalkar, June 2002. Bethesda, Maryland: Partners for Health Reform, Abt Associates Inc.
- ‘Universal Basic and Secondary Education’, with Joel Cohen, paper prepared for seminar on Educational Strategies, Families and Population Dynamics, Université de Ouagadougou, Burkina Faso, May 2001 (revised).
- ‘Global Trends in the Financing of Higher Education: Prospects and Challenges for the Next Decade’, with Francisco L. Rivera-Batiz, May 1999. Mimeo.
- ‘Population, Capital, and Income’, with David Canning and Pia Malaney, paper prepared for USAID under the CAER II Project, May 1999.
- ‘The Demographic Transition and Economic Growth in the Middle East and North Africa,’ with David Canning, paper presented at the Fourth Annual Conference of the Middle East Institute and the World Bank, April 1999.
- ‘Labor in the Emerging World Economy’, with Felicia Knaul and Geeta Singh. Paper prepared in connection with Harvard–International Labour Organization Transition Team Workshop, January 21–22, 1999, held at Center for International Development, Harvard University.

- ‘Basic Education and Competitiveness in Colombia and the Andean Region’, with Patricia Craig, report on a dialogue held in collaboration IBM’s Latin America Advisory Board, Bogotá, Colombia, December 2 1998.
- ‘Health, Health Policy, and Economic Outcomes’, with Dean Jamison, Pia Malaney, and Jennifer Ruger. Paper prepared in connection with the Harvard–World Health Organization Director-General Transition Team Workshop, August 1998, held at Harvard Institute for International Development.
- ‘Major Trends That May Affect Higher Education in Developing Countries,’ draft for the Geneva meeting of the Task Force on Higher Education, August 1998.
- ‘Basic Education and Competitiveness in Central America: Problems, Perspectives, Possibilities, and Plans’, with Patricia Craig, report on a dialogue held in collaboration with IBM’s Latin America Advisory Board, General Business Machines (GBM), and Instituto Centroamericano de Administración de Empresas (INCAE), San José, Costa Rica, June 1998.
- ‘Employment and Earnings of Commercial Sex Workers’, with Tim Brown, Paul Gertler and Werasing Sittitjai, 1997. Mimeo.
- ‘Forgone Economies of Scale: The Aggregate Cost of Recent Changes in the Formation and Stability of U.S. Households’, with Melissa Binder, 1997. Mimeo.
- ‘Population, Poverty, and the Environment’, with John Gallup and David Beede, background paper for chapter on Environment and Natural Resources, *Emerging Asia: Changes and Challenges*, Asian Development Bank, 1997.
- ‘The Palestinian Economy – Implications for Health System Design’, with Sherry Glied, Richard Frank, and Joseph Newhouse. Draft, 1997, Harvard Institute for International Development.
- ‘Labor Standards and the Emerging World Economy’, with Waseem Noor, 1996. Revision of background paper prepared for *World Employment Report 1995*, International Labour Organization.
- ‘Economics of Needle Use, Reuse, and Sharing’, with Ajay Mahal and Brendan O’Flaherty, paper presented to the 1994 annual meetings of the Econometric Society, Boston, Massachusetts, December 1996.
- ‘The Impact of the AIDS Epidemic on Human Development’, with Neil Bennett, Ajay Mahal, and Waseem Noor, December 1996.
- ‘Labor Economics in a Global Economy’, with Donald Davis and Carolyn Evans, paper presented at the International Labor Organization, March 1996.
- ‘Measuring and Explaining Cross-Establishment Variation in the Generation and Management of Industrial Waste’, paper presented at the 1992 annual meetings of the American Economic Association, with David Beede and David Wheeler, December 1992.

- ‘Lawyers as Agents of the Devil in a Prisoner’s Dilemma Game’, with Orley Ashenfelter, National Bureau of Economic Research Working Paper No. 4447, September 1993, paper presented at the 1991 annual meetings of the American Economic Association.
- ‘The Economics of Employer-Sponsored Child Care’, with David Beede, paper presented at May 1990 conference on the Economics of Child Care held at the University of North Carolina.
- ‘Labor Market Impacts of the AIDS Epidemic’, with Sherry Glied, paper presented at the 1989 Annual Meetings of the Population Association of America, the April 1989 Middlebury College Conference on ‘New Theories of Discrimination’ and 1990 annual meetings of the American Economic Association.
- ‘AIDS and Labor Market Discrimination’, Sherry Glied, testimony presented to the Presidential Commission on the HIV Epidemic, 1988.
- ‘Gender Differences in Consumer Spending’, with Sanders Korenman, paper presented to the 1986 annual meetings of the American Economic Association and the 1987 annual meetings of the Population Association of America.
- ‘A Dynamic Analysis of the Fertility of U.S. Immigrants’, with Mark Killingsworth, paper presented at the 1985 annual meetings of the Allied Social Sciences Association, New York City.
- ‘An Analysis of Alternative Mechanisms for Selecting Arbitrators’, with Chris Cavanagh, paper presented at the December 1984 meetings of the Econometric Society, Harvard Institute for Economic Research Working Paper No. 1224.
- ‘Models of Firm Behavior Under Minimum Wage Legislation’, with Gilles Grenier, December 1984, Harvard Institute for Economic Research Working Paper No. 1117.

## FUNDED RESEARCH AND OTHER PROJECTS

‘Macro II Indefinite Quantity Contract’, subcontractor to The Louis Berger Group, Inc., RFP M/OP-03-877, United States Agency for International Development, under review.

‘Reproductive Health and Economic Well Being’, with David Canning, \$110,000, The MacArthur Foundation, December 1, 2003 to March 31, 2005

‘Research on Secondary Education’, The World Bank, Human Development Network, \$31,500, May-August 2003.

‘The Economic Benefits of Immunization’, with David Canning, \$120,000, Global Alliance for Vaccines and Immunization, December 1, 2002 to May 15, 2003.

‘Impact of AIDS on Private Enterprise in Africa’, UNAIDS, January-June 2003, \$15,000.

‘Business Response to the Global HIV/AIDS Epidemic’, with Rozlyn Coleman Engel and David Steven, The World Economic Forum, May-August 2003, \$15,000.

‘Proposal for Harvard Advisory Team on Chinese Health (HATCH)’, Harvard School of Public Health, under review by the Government of China, May 2003.

‘AIDS and Poverty in Asia and the Pacific’, April-October 2001, \$88,000, Asian Development Bank and UNAIDS.

‘Age Transitions and Socioeconomic Change’, with Bo Malmberg and Lene Sommestad, January 2002 to December 2004, \$130,000, Swedish Research Council.

‘Universal Basic and Secondary Education: A Proposal’, with Joel Cohen, American Academy of Arts and Sciences, \$1,050,000, September 2001-August 2004.

‘Population Dynamics, Health Status, and Economic Performance in Jordan’, USAID (Partnership for Health Project), January–June 2001, \$45,000.

‘Liberalization, Globalization, and Sustainable Human Development in Jamaica’, UNCTAD/UNDP, \$96,000, March 1 2000–January 31 2001.

‘Demographic Transitions and Economic Miracles’, with David Canning and Jaypee Sevilla, The Rand Corporation, January–December 2000, \$43,000.

‘The Economics of Investing in Health’, with David Canning, World Health Organization, December 1999–December 2000, \$130,000.

‘Human Development in Latin America’, with David Canning, Inter-American Development Bank, April 1 1999–December 31 1999, \$40,000.

- ‘Task Force on Higher Education’, convened by the United Nations Educational, Scientific and Cultural Organization, and the World Bank. Director of Secretariat, Funding from CIDA, Ford Foundation, Hewlett Foundation, NORAD, Novartis, Rockefeller Foundation, SIDA, Tetra Laval Corporation, and the World Bank. Approximately \$825,000. December 1997–December 1999.
- ‘Quality of Life in Rural Asia’, Asian Development Bank, June 1998–June 1999. \$215,000.
- ‘Health, Fertility, Human Capital, and Economic Growth’, USAID Consulting Assistance on Economic Reform II, July 1998–June 2000, \$75,000.
- ‘The Demographic Crisis in the Former Soviet Union’, USAID Consulting Assistance on Economic Reform II, September 1997–April 1998, \$54,000.
- Overall Academic Coordinator, with Jeffrey Sachs, for Asian Development Bank’s Emerging Asia Study (\$642,000); also served as thematic leader with Jeffrey Williamson for section on Demography and Human Resource Development, 1996–97.
- ‘The Effect of the Pension System in South Africa’, Principal Investigator, National Institutes of Health grant to National Bureau of Economic Research for pilot study, \$54,000, September 1997–September 1999.
- ‘Enhancing the Care of People with HIV Disease and Other Related Health Issues in Developing Countries: Needs, New Approaches, Impacts, and Costs’, Co-Investigator, Harvard AIDS Institute, Harvard School of Public Health, Merck Corporation Foundation, approximately \$3 million, January 1998–December 2002.
- ‘Economic Implications of AIDS in Asia’, Principal Resource Person, UNDP/ADB, 1994–1996, \$600,000 (for overall project).
- ‘Economic Research on the Generation and Management of Industrial Toxic Waste’, September 1 1992–August 31 1995, Environmental Protection Agency, \$215,000.
- ‘Economics of AIDS in Asia’, United Nations Development Programme, November 1992–October 1994; also Principal Resource Person for UNDP Regional Project on HIV/AIDS in Asia, November 1991–December 1993, about \$150,000 overall.
- ‘The Widening of Earnings Differentials in the U.S.’, July 1 1990–June 30 1991, with McKinley Blackburn and Richard Freeman, The Levy Institute, \$20,500.
- ‘Labor Market Impacts of the AIDS Epidemic’, October 1 1989–September 30 1991, National Institutes of Health, \$181,000.
- ‘Determinants and Consequences of Changes in Marital Status and Family Formation’, with Neil Bennett, September 1, 1987–June 30, 1990, Rockefeller Foundation, \$61,440.
- ‘Research on the Distribution of Income in the United States, 1967–1984’, October 1, 1986–December 31, 1987, Economic Development Administration, \$114,500.

General Research Grant, September 16, 1986–September 15, 1988, Alfred P. Sloan Foundation, \$25,000.

‘Research on the Employment, Earnings, and Fertility of Immigrants to the United States’, with Mark Killingsworth, April 1, 1984–March 30, 1986, National Institutes of Health, \$141,719.

‘Theoretical and Empirical Research on Arbitration’, July 1 1983 to December 31 1985, National Science Foundation, Economics Division and Law and Social Sciences Division, \$50,530.

‘Research on Delayed Childbearing’, August 31, 1981–August 31, 1983, National Institutes of Health, \$53,294.

‘Development of Case Studies in Economic Policy Management’, Economic Development Institute of the World Bank, 1995, \$26,000.

‘Development of Case Studies in Economic Policy Management’, Economic Development Institute of the World Bank, \$24,570, 1994.

*Journal of Labor Economics*, special issue in honor of Jacob Mincer, Sloan Foundation, \$23,913, 1993.

‘Program in Economic Policy Management’, with Michael Gavin, World Bank, June 1992–December 1995, about \$4,500,000.

‘Program in Transportation and Urban Economics’, United Parcel Service Foundation, \$80,000, 1992.

‘Graduate Fellowships for Economists Developing Area Specialties’, Mellon Foundation, \$125,000, 1991–1993.