

David M. Cutler

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Employment

2005-: Otto Eckstein Professor of Applied Economics, Department of Economics and Kennedy School of Government, Harvard University

2003-2008: Social Sciences Dean, Faculty of Arts and Sciences, Harvard University

1997-2005: Professor of Economics, Department of Economics and Kennedy School of Government, Harvard University

1995-1997: John L. Loeb Associate Professor of Social Sciences, Harvard University

1993: On leave as Senior Staff Economist, Council of Economic Advisers and Director, National Economic Council

1991-1995: Assistant Professor of Economics, Harvard University

Other Affiliations

Member, Institute of Medicine

Scientific Advisory Board, Alliance for Aging Research

Research Associate, National Bureau of Economic Research, Aging, Health Care, Public Economics, and Productivity programs

Fellow, Employee Benefit Research Institute

Member, National Academy of Social Insurance

Member, Institute for Research on Poverty

Senior Fellow, Center for American Progress

Public Service

2013-: Health Care Policy Commission, Commonwealth of Massachusetts

2006-13: Group Insurance Commission, Commonwealth of Massachusetts

2002: Institute of Medicine Panel, "Vaccine Purchase Strategies in the United States"

2001: Institute of Medicine Panel, Priority Areas for Quality Improvement"

2000: Medicare Technical Advisory Panel

1999: National Academy of Sciences Panel, New Horizons in Health: An Integrative Approach

1998: National Academy of Sciences Panel, Scientific Opportunities and Public Needs: Improving Priority Setting and Public Input at the National Institutes of Health

1998-2002: National Institutes of Health Study Section Reviewer

1994-95: Technical Panel, Advisory Council on Social Security

1993: Senior Economist, Council of Economic Advisors, and Director, National Economic Council.

Honors and Awards

2011: MetLife Silver Scholar Award, Alliance for Aging Research

2011: Distinguished Leadership Award, Center for Connected Health, Partners Health Care

2009: John P. McGovern Award from the Association of Academic Health Centers

2007: Elected to American Academy of Arts and Sciences

2007: Named one of the 50 most influential men under age 45 by *Details* magazine

2006: Named one of "30 For The Future" by *Modern Healthcare* magazine, August 2006

2006: Biennial award for distinguished contribution to the literature in population, Section on the Sociology of Population of the American Sociological Association, for "The Role of Public Health Improvements in Health Advances: The 20th Century United States"

2006: American Society of Health Economists Medal, Outstanding Health Economist Age 40 and Under

2004: David Kershaw Prize, Association for Public Policy and Management

2004: John Eisenberg Mentoring Award, Agency for Health Care Quality and Research

2003: Eugene Garfield Award, Research!America, for "The Return to Biomedical Research: Treatment and Behavioral Effects"

2001: Elected to Institute of Medicine

2000: Kenneth Arrow Award, Best Paper in Health Economics, for "How Does Managed Care Do It?"

2000-2001: Fellow, Center for Advanced Study in Behavioral Sciences

1999: Griliches Prize, best paper in *Quarterly Journal of Economics*, for "Are Medical Prices Declining?"

1999: Outstanding Mentor Award, Harvard University Graduate School of Arts and Sciences

1991: Honorable Mention, Outstanding Dissertation, National Academy of Social Insurance

1987: Phi Beta Kappa

Education

Ph.D. (Economics), M.I.T., September 1991.

A.B. (Economics, Summa Cum Laude) Harvard, 1987.

Professional Service

Board of Directors, International Health Economics Association

Editor, *Journal of Health Economics*

Former Associate Editor, *Journal of Economic Perspectives*

Former Associate Editor, *Journal of Public Economics*

Former Associate Editor, *World Health Organization Bulletin*

Research Funding

Commonwealth Foundation

Kaiser Family Foundation

Lasker Foundation

Pharmaceutical Research and Manufacturers Association

Robert Wood Johnson Foundation

Russell Sage Foundation

Rx Foundation

Alfred P. Sloan Foundation

U.S. Agency for Health Care Policy and Research

U.S. Department of Labor

U.S. National Institutes of Health

U.S. Social Security Administration

Primary Fields

Health Economics

Public Economics

Books

Your Money or Your Life: Strong Medicine for America's Health Care System, Oxford University Press, 2004.

Edited Books

The Changing Hospital Industry: Comparing Not-for-Profit and For-Profit Hospitals, Chicago: University of Chicago Press, 1999.

Medical Care Output and Productivity, Chicago: University of Chicago Press, 2001 (with Ernst Berndt).

Frontiers in Health Policy Research, Volume 6, online as *Forum for Health Economics and Policy*, 2003 (with Alan Garber).

Frontiers in Health Policy Research, Volume 7, online as *Forum for Health Economics and Policy*, 2004 (with Alan Garber).

Frontiers in Health Policy Research, Volume 8, online as *Forum for Health Economics and Policy*, 2005 (with Alan Garber).

Frontiers in Health Policy Research, Volume 9, online as *Forum for Health Economics and Policy*, 2006 (with Alan Garber and Dana Goldman).

Frontiers in Health Policy Research, Volume 10, online as *Forum for Health Economics and Policy*, 2007 (with Alan Garber and Dana Goldman).

Health at Older Ages: The Causes and Consequences of Declining Disability Among the Elderly, University of Chicago Press, 2009 (with David Wise).

Articles

“Ultraviolet Index and Racial Differences in Prostate Cancer Incidence and Mortality” forthcoming, *Cancer*, 2013 (with Glen B. Taksler, Edward Giovannucci, Matthew R. Smith, and Nancy L. Keating).

“If Slow Rate Of Health Care Spending Growth Persists, Projections May Be Off By \$770 Billion,” *Health Affairs*, 32(5) May 2013, 841-850 (with Nikhil Sahni).

“Policy Makers Will Need A Way To Update Bundled Payments That Reflects Highly Skewed Spending Growth Of Various Care Episodes,” *Health Affairs*, 32(5) May 2013, 944-951 (with Allison B. Rosen, Ana Aizcorbe, Alexander J. Ryu, Nicole Nestoriak, and Michael E. Chernew).

“Mortality Reduction among Pneumonia Patients Still Substantial despite the Impact of Coding Changes,” *American Journal of Medicine*, 126(3), March 2013, 266-269 (with Gregory Ruhnke and Marcelo Coca Perrailion).

“Dimensions of Health in the Elderly Population” in Wise, David A. *Investigations in the Economics of Aging*, Chicago: University of Chicago Press, 2012 (with Mary Beth Landrum).

“Reducing Administrative Costs and Improving the Health Care System,” *New England Journal of Medicine*, 367(20), November 15, 2012, 1875-1878 (with Elizabeth Wikler and Peter Basch).

“Potential Consequences of Reforming Medicare Into a Competitive Bidding System,” *The Journal of the American Medical Association*, 308(5), August 1, 2012, 459-460 (with Michael Chernew and Zirui Song).

"Paper Cuts: Reducing Health Care Administrative Costs," *Center for American Progress*, June 2012 (with Elizabeth Wikler and Peter Basch).

"The Affordable Care Act is Constitutional," *Annals of Internal Medicine*, 156(9), May 2012, 660-663 (with Jonathan Gruber).

"Induced Innovation and Social Inequity Evidence from Infant Medical Care," *Journal of Human Resources*, 47(2), Spring 2012, 456-492 (with Ellen Meara and Seth Shubik-Richards).

"The Potential for Cost Savings through Bundled Episode Payments," *New England Journal of Medicine*, 366(12), March 22, 2012, 1075-1077 (with Kaushik Ghosh).

"Explaining Racial Differences in Prostate Cancer Mortality," *Cancer*, January 13, 2012 (with Glenn Taksler and Nancy Keating).

“Education And Health: Insights from International Comparisons” NBER Working Paper 17738, January 2012 (with Adriana Lleras-Muney).

“Rising Educational Gradients in Mortality: The Role of Behavioral Risk Factors,” *Journal of Health Economics*, 30(6), December 2011, 1174-87 (with Fabian Lange, Ellen Meara, Seth Richards-Shubik, and Christopher J. Ruhm).

"The ACO Rules-Striking the Balance between Participation and Transformative Potential," *New England Journal of Medicine*, 65(4), July 2011, 1-3 (with Judith Feder and Meredith B. Rosenthal).

"The Overuse of Antidepressants in a Nationally Representative Adult Patient Population in 2005," *Psychiatric Services*, 62(7), July 2011, 720-726 (with Alisa B. Busch and Rena Conti).

"The (Paper) Work of Medicine: Understanding International Medical Costs," *Journal of Economic Perspectives*, 30(6), Spring 2011, 1174-87 (with Dan P. Ly).

"Designing Transparency Systems for Medical Care Practices," *American Journal of Medicine*, 124(2), March 2011, 894-895 (with Leemore Dafny).

"Marked Reduction in 30-day Mortality among Elderly Patients with Community-Acquired Pneumonia," *American Journal of Medicine*, 124(2), February 2011, 171-178 (with Greg Ruhnke, Marcelo Coca-Perraillon, and Barrett T. Kitch).

"Trends in mortality and medical spending in patients hospitalized for community-acquired pneumonia: 1993-2005," *Medical Care*, 48(12), December 2010, 1111-1116 (with Greg Ruhnke, Marcelo Coca-Perraillon, and Barrett T. Kitch).

"Cost-Effectiveness Analysis in Markets With High Fixed Costs," *Pharmacoeconomics*, 26(10), October 2010, 867-875 (with Keith Ericson).

"Trends in Thrombolytic Use for Ischemic Stroke in the United States," *Journal of Hospital Medicine*, 5(7), September 2010, 406-409 (with Margaret Fang and Allison Rosen).

"Selection Stories: Understanding Movement Across Health Plans," *Journal of Health Economics*, 29(5), September 2010, 821-838 (with Bryan Lincoln and Richard Zeckhauser).

"Medical Spending Differences in the United States and Canada: The Role of Prices, Procedures, and Administrative Costs" *Inquiry*, 47(2), Summer 2010, 124-134 (with Alexis Pozen).

"Where Are the Health Care Entrepreneurs?" *Issues in Science and Technology*, 27(1), July 2010, 49-56.

"The Impact of Health Reform on Health System Spending" *Commonwealth Fund Issue Brief*, May 2010 (with Karen Davis and Kristof Stremikis).

"Thinking Outside the Pillbox -- Medication Adherence as a Priority for Healthcare Reform," *New England Journal of Medicine*, April 7, 2010, 10.1056 (with Wendy Everett).

"Early Life Malaria Exposure and Adult Outcomes: Evidence from Malaria Eradication in India," *American Economic Journal: Applied Economics*, 2(2), April 2010, 196-202 (with Winnie Fung, Michael Kremer, Monica Singhal, and Tom Vogl).

"Patient, Physician, and Payment Predictors of Statin Adherence," *Medical Care*, 48(3), March 2010, 196-202 (with David C. Chan, William H. Shrank, Saira Jan, Michael A. Fischer, Jun Liu, Jerry Avorn, Daniel Solomon, M. Alan Brookhart, and Niteesh K. Choudhry).

"Input Constraints and the Efficiency of Entry: Lessons from Cardiac Surgery," *American Economic Journal: Economic Policy*, 2(1), February 2010, 51-76 (with Robert Huckman and Jonathan Kolstad).

"Workplace Wellness Programs Can Generate Savings," *Health Affairs*, 29(2), February 2010, 1-8 (with Katherine Baicker and Zirui Song).

"Understanding Differences in Health Behavior by Education," *Journal of Health Economics*, 29(1), January 2010, 1-28 (with Adriana Lleras-Muney).

"The Education Gradient in Old Age Disability," in David Wise, ed., *Research Findings in the Economics of Aging*, Chicago: University of Chicago Press, 2010, 101-120 (with Adriana Lleras-Muney).

"Social Interactions and Smoking," in David Wise, ed., *Research Findings in the Economics of Aging*, Chicago: University of Chicago Press, 2010, 123-141 (with Edward Glaeser).

"Why Health Reform Will Bend the Cost Curve" *Commonwealth Fund Issue Brief*, December 2009 (with Karen Davis and Kristof Stremikis).

"Adoption and Spread of New Imaging Technology: A Case Study" *Health Affairs*, 28(6), November/December 2009, w1122-1132 (with Joseph Ladapo, Jill Horwitz, Milt Weinstein, and Scott Gazelle).

"Clinical Outcomes and Cost-Effectiveness of Coronary Computed Tomography Angiography in the Evaluation of Patients with Chest Pain" *Journal of the American College of Cardiology*, 54(25), December 15, 2009, 2409-2422 (with Joseph Ladapo, Farouc Jaffer, Udo Hoffmann, Carey Thomson, Fabian Bamberg, William Dec, Milt Weinstein, and Scott Gazelle).

"Forecasting the Effects of Obesity and Smoking on U.S. Life Expectancy," *New England Journal of Medicine*, 361, December 2, 2009, 2252-2260 (with Susan Stewart and Allison Rosen).

"Incidence and Mortality of Hip Fractures in the United States," *JAMA*, 302(14), 2009, 1573-1579 (with Carmen Brauer, Marcelo Coca-Perraillon and Allison B. Rosen).

"The Benefits of Risk Factor Prevention in Americans Aged 51 and Older," *American Journal of Public Health*, 99(11), 2009, 2096-2101 (with Dana Goldman, Yuhui Zheng, Federico Girosi, Pierre-Carl Michaud, S. Jay Olshansky, and John W. Rowe).

"The Next Wave of Corporate Medicine -- How We All Might Benefit," *New England Journal of Medicine*, 361(6), 2009, 549-551.

"Changes in the Incidence and Duration of Periods Without Insurance," *New England Journal of Medicine*, 360(17), 2009, 1740-1748 (with Alex Gelber).

"Challenges in Building Disease-Based National Health Accounts," *Medical Care*, 47(7), July 2009, Supplement 1, S7-S13 (with Allison B. Rosen).

"Why Do Europeans Smoke More Than Americans?" in David Wise, ed., *Developments in the Economics of Aging*, Chicago: University of Chicago Press, 2009 (with Edward Glaeser).

"How Do The Better Educated Do It? Socioeconomic Status and Ability to Cope with Underlying Impairment," in David Wise, ed., *Developments in the Economics of Aging*, Chicago: University of Chicago Press, 2009 (with Mary Beth Landrum and Kate Stewart).

"Clinical Pathways to Disability," in David Cutler and David Wise, eds., *Health at Older Ages: The Causes and Consequences of Declining Disability Among the Elderly*, Chicago: University of Chicago Press, 2009 (with Mary Beth Landrum and Kate Stewart).

"Intensive Medical Care and Cardiovascular Disease Disability Reductions," in David Cutler and David Wise, eds., *Health at Older Ages: The Causes and Consequences of Declining Disability Among the Elderly*, Chicago: University of Chicago Press, 2009 (with Mary Beth Landrum and Kate Stewart).

"Is The U.S. Population Behaving Healthier?," in Jeffrey R. Brown, Jeffrey Liebman, and David Wise, *Social Security Policy in a Changing Environment*, 2009 (with Edward Glaeser and Allison B. Rosen).

"Prescription Drug Spending Trends in the United States: Looking Beyond the Turning Point," *Health Affairs*, 28(1), January/February 2009, 151-160 (with Murray Aitken and Ernst Berndt).

"Are We Finally Winning the War on Cancer?" *Journal of Economic Perspectives*, 22(4), Fall 2008, 3-26.

"Health Care in the Next Administration," *New England Journal of Medicine*, 359(15), 2008, e17.

"The Impact of Symptoms and Impairments on Overall Health in US National Health Data," *Medical Care*, 46(9), September 2008, 954-962 (with Susan Stewart, Rebecca Woodward, and Allison Rosen).

"Cost Effectiveness of Coronary MDCT in the Triage of Patients with Acute Chest Pain," *American Journal of Roentgenology*, 191(2), August 2008, 455-463 (with Joseph Ladapo, Udo Hoffman, Fabian Bamberg, John T. Nagurney, Milt Weinstein, and Scott Gazelle).

"Trends in the Prevalence and Mortality of Cognitive Impairment in the United States: Is There Evidence of a Compression of Cognitive Morbidity?," *Alzheimer's and Dementia*, 4(2), March 2008, 134-144 (with Ken Langa, Eric Larson, Jason Karlawish, Mohammed Kabeto, Scott Kim, and Allison Rosen).

"Preference Heterogeneity and Insurance Markets: Explaining a Puzzle of Insurance," *American Economic Review*, May 2008 (with Amy Finkelstein and Kathleen McGarry).

"Medical Care, US Style: A Little of Everything," in Peter H. Shuck and James Q. Wilson, eds., *Understanding America: The Anatomy of an Exceptional Nation*, New York: PublicAffairs, 2008.

"Why Is The Developed World Obese?" *Annual Review of Public Health*, (29), 2008, 273-295 (with Sara Bleich, Christopher Murray, and Alyce Adams).

"Is the Melting Pot Still Hot? Explaining the Resurgence of Immigrant Segregation," *Review of Economics and Statistics*, 90(3), 2008, 478-497 (with Edward Glaeser and Jacob Vigdor).

"The Gap Gets Bigger: Changes in Mortality and Life Expectancy by Education, 1981-2000," *Health Affairs*, 27(2), March/April 2008, 350-360 (with Ellen Meara and Seth Richards).

"When Are Ghettos Bad? Lessons from Immigrant Segregation In the United States," *Journal of Urban Economics* 63(3), 2008, 759-774 (with Edward Glaeser and Jacob Vigdor).

"Education and Health: Evaluating Theories and Evidence," J. House, R. Schoeni, G. Kaplan, and H. Pollack, *Making Americans Healthier: Social and Economic Policy as Health Policy*, New York: Russell Sage Foundation, 2008 (with Adriana Lleras-Muney).

"The Demise of the Blockbuster?" *New England Journal of Medicine*, 356(13), March 29, 2007, 1292-1293

"The Value of Medical Interventions for Lung Cancer in the Elderly: Results from SEER-CMHSF," *Cancer*, 110(11), 2007, 2511-2518 (with Rebecca M. Woodward, Martin L. Brown, Susan T. Stewart and Kathleen A. Cronin).

"The Lifetime Costs and Benefits of Medical Technology," *Journal of Health Economics*, 26(6), 2007, 1081-1100.

"Evidence on Early-Life Income and Late-Life Health from America's Dust Bowl Era," *Proceedings of the National Academy of Sciences* 104(33), 2007, 13244-13249 (with Grant Miller and Doug Norton).

"Measuring Medical Care Productivity: A Proposal for U.S. National Health Accounts," *Survey of Current Business*, June 2007, 54-58 (with Allison B. Rosen).

"The Value of Antihypertensive Drugs: A Perspective on Medical Innovation," *Health Affairs* 26(1), 2007, 97-100 (with Genia Long, Ernst R. Berndt, Jimmy Royer, Andrée-Anne Fournier, Alicia Sasser and Pierre Cremieux).

"The Value of Coronary Heart Disease Care for the Elderly: 1987-2002," *Health Affairs*, 26(1), 2007, 111-123 (with Allison B. Rosen, Douglas M. Rosen, Hsueh Mei Hu, and Sandeep Vijan).

"Impact of Insurance and Supply of Health Professionals on Coverage of Treatment of Hypertension: Evidence from Mexico," *British Medical Journal*, (335), 2007, 875-878 (with Sara Bleich, Alyce Adams, Rafael Lozano, and Christopher Murray).

"The 'Graying' of Group Health Insurance Coverage," *Health Affairs*, 25(6), 2006, 1497-1506 (with Patricia S. Keenan and Michael Chernew).

"Value of Medical Innovation in the United States: 1960-2000," *New England Journal of Medicine*, (355), 2006, 920-927 (with Allison B. Rosen and Sandeep Vijan).

"The Determinants of Mortality," *Journal of Economic Perspectives*, 20(3), Summer 2006, 97-120 (with Angus Deaton and Adriana Lleras-Muney).

"The Business Case for Diabetes Disease Management at Two Managed Care Organizations," *Forum for Health Economics and Policy*, 2006 (with Nancy Beaulieu, Kate Ho, George Isham, Tammie Lindquist, Andrew Nelson, and Patrick O'Connor).

"The US Medical Care System for the Elderly," in David Wise and Naohiro Yashiro, eds., *Issues in Health Care in the U.S. and Japan*, Chicago: University of Chicago Press, 2006, 43-67.

"An International Look at the Medical Care Financing Problem," in David Wise and Naohiro Yashiro, eds., *Issues in Health Care in the U.S. and Japan*, Chicago: University of Chicago Press, 2006, 69-81.

"The Economics of Health System Payment," *De Economist*, 154(1), March 2006, 1-18.

"The Value of Elderly Disease Prevention," *Forum for Health Economics and Policy*, Biomedical Research and the Economy, 2006, 9(2) (with Dana Goldman, Baoping Shang, and Geoffrey Joyce).

"Did Medicare Induce Pharmaceutical Innovation?" *American Economic Review*, 96(2), May 2006, 103-107 (with Daron Acemoglu, Amy Finkelstein, and Joshua Linn).

"Water, Water, Everywhere: Municipal Finance and Water Supply in American Cities," in Edward Glaeser and Claudia Goldin, eds., *Corruption and Reform: Lessons from America's Economic History*, Chicago: University of Chicago Press, 2006 (with Grant Miller).

"US Adoption of Computerized Physician Order Entry Systems," *Health Affairs*, 24(6), November/December 2005, 1654-1663 (with Naomi Feldman and Jill Horwitz).

"Charity Care, Risk Pooling, and the Decline in Private Health Insurance," *American Economic Review*, 95(2), May 2005, 209-213 (with Michael Chernew and Patricia Keenan).

"Cost-Effectiveness of Full Medicare Coverage of Angiotensin-Converting Enzyme Inhibitors for Beneficiaries with Diabetes," *Annals of Internal Medicine*, 143(2), July 19, 2005, 89-99 (with Allison Rosen, Mary Beth Hamel, Milt Weinstein, Mark Fendrick, and Sandeep Vijan).

"Intensive Medical Technology and the Reduction in Disability," in David Wise, ed., *Analyses in the Economics of Aging*, Chicago: University of Chicago Press, 2005.

"Increasing Health Insurance Costs and the Decline in Health Insurance Coverage," *Health Services Research*, 40(4), August 2005, 1021-1039 (with Michael Chernew and Patricia S. Keenan).

"What Explains Differences in Smoking, Drinking, and Other Health Related Behaviors?" *American Economic Review*, 95(2), May 2005, 238-242 (with Edward Glaeser).

"Autopsy on an Empire: Understanding Mortality in Russia and the Former Soviet Union," *Journal of Economic Perspectives*, 19(1), Winter 2005, 107-130 (with Elizabeth Brainerd).

"Are the Benefits of Medicine Worth What We Pay for It?" Syracuse University Policy Brief No. 27, 2004.

"Trends in Medical Spending by Age, 1963-2000," *Health Affairs*, 23(4), September/October 2004, 176-183 (with Ellen Meara and Chapin White).

"Behavioral Health Interventions: What Works and Why?" in Randy Bulatao and Norman Anderson, eds., *Understanding Racial and Ethnic Differences in Health in Late Life: A Research Agenda*, Washington, D.C.: National Academies Press, 2004.

"Extending the Theory to Meet the Practice of Insurance," in Robert Litan and Richard Herring, eds., *Brookings-Wharton Papers on Financial Services, 2004*, Washington, D.C.: Brookings Institution, 2004 (with Richard Zeckhauser).

"The Role of Public Health Improvements in Health Advances: The 20th Century United States," *Demography*, 42(1), February 2005, 1-22 (with Grant Miller).

"Ghettos and the Transmission of Ethnic Capital," in Glenn Loury, Tariq Modood, and Steven Teles, *Ethnicity, Social Mobility, and Public Policy: Comparing the US and UK*, Cambridge: Cambridge University Press, 2005 (with Edward Glaeser and Jacob Vigdor).

"The Role of Information in Medical Markets: An Analysis of Publicly Reported Outcomes in Cardiac Surgery," *American Economic Review*, 94(2), May 2004, 342-346 (with Robert Huckman and Mary Beth Landrum).

"The Birth and Growth of the Social Insurance State," *Public Choice*, 120(1,2), July 2004, 87-121 (with Richard Johnson).

"Disability Forecasts and Future Medicare Costs," *Forum for Health Economics and Policy*, Volume 7 (with Jay Bhattacharya, Dana Goldman, Michael Hurd, Geoffrey Joyce, Darius Lakdawalla, Constantijn Panis, and Baoping Shang).

"Does Housing Mobility Policy Improve Health?" *Housing Policy Debate*, 15(1), 2004, 49-98. (with Dolores Acevedo-Garcia, Theresa L. Osypuk, Rebecca E. Werbel, Ellen R. Meara, and Lisa F. Berkman).

"Pay for Performance," *Forbes*, 172(4), September 1, 2003, 40.

"Supplementing Public Insurance Coverage with Private Coverage: Implications for Medical Care Systems," in Seiritsu Ogura, Toshiaki Tachibanaki, and David Wise, eds., *Labor Markets and Firm Benefit Policies in Japan and the United States*, Chicago, University of Chicago Press, 2003.

"Why Have Americans Become More Obese?" *Journal of Economic Perspectives*, 17(3), Summer 2003, 93-118 (with Edward Glaeser and Jesse Shapiro).

"A Framework for Evaluating Medical Care Systems," in *A Disease-Based Comparison of Health Systems: What Is Best and At What Cost?* Washington, D.C.: OECD, 2003.

"Increased Spending on Health Care: How Much Can the United States Afford?" *Health Affairs* 22(4) July/August 2003, (with Michael Chernew and Richard Hirth).

"Employee Costs and the Decline in Health Insurance Coverage," David Cutler and Alan Garber, eds., *Frontiers in Health Policy Research, Volume 6*, Cambridge, MA: MIT Press, 2003.

"Technological Development and Medical Productivity: The Diffusion of Angioplasty in New York State," *Journal of Health Economics*, 22(2), March 2003, 187-217 (with Robert Huckman).

"Enrollee Mix, Treatment Intensity, and Cost in Competing Indemnity and HMO Plans," *Journal of Health Economics*, 22(1), January 2003, 23-45 (with Daniel Altman and Richard Zeckhauser).

"The Return to Biomedical Research: Treatment and Behavioral Effects," in Robert Topel and Kevin Murphy, eds., *Measuring the Gains from Medical Research*, Chicago: University of Chicago Press, 2003 (with Srikanth Kadiyala).

"Changes in the Age Distribution of Mortality over the 20th Century," in David Wise, ed., *Perspectives on the Economics of Aging*, Chicago: University of Chicago Press, 2003 (with Ellen Meara).

"Competing Goals of Industrial Innovation and Health Policies" Introductory Presentation at Four Country Conference 2002.

"Equality, Efficiency, and Market Fundamentals: The Dynamics of International Medical Care Reform," *Journal of Economic Literature*, September 2002, 881-906.

"Health Care and the Public Sector," in Alan Auerbach and Martin Feldstein, eds., *Handbook of Public Economics, Volume 4*, Amsterdam: Elsevier, 2002.

"Public Policy for Health Care," in Alan Auerbach and Martin Feldstein, eds., *Handbook of Public Economics, Volume 4*, Amsterdam: Elsevier, 2002.

"Once Bitten, Twice Shy: Health Policy in the Clinton Era," in Jeffrey A. Frankel and Peter R. Orszag, eds., *American Economic Policy in the 1990s*, Cambridge, MA: MIT Press, 2002, 825-899 (with Jonathan Gruber).

"Financial Crisis, Health Outcomes, and Aging: Mexico in the 1980s and 1990s," *Journal of Public Economics*, 84(2), May 2002, 279-303 (with Felicia Knaul, Rafael Lozano, Oscar Mendez, and Beatriz Zurita).

"The Economic Impacts of the Tobacco Settlement," *Journal of Policy Analysis and Management*, 21(1), Winter 2002, 1-19 (with Jonathan Gruber, Raymond S. Hartman, Mary Beth Landrum, Joseph P. Newhouse, and Meredith B. Rosenthal)

"Declining Disability Among The Elderly," *Health Affairs*, 20(6), November/December 2001, 11-27.

"The Reduction in Disability among the Elderly," *Proceedings of the National Academy of Arts and Sciences*, 98(12), June 5, 2001, 6546-6547.

"The Third Wave in Health Care Reform," in Seiritsu Ogura, Toshiaki Tachibanaki, and David Wise, eds., *Aging Issues in the United States and Japan*, Chicago: University of Chicago Press, 2001, 169-186.

"Does the United States Spend Too Much on Medical Care?" in Alan Garber and Seiritsu Ogura, eds., *Aging Issues in the United States and Japan*, Chicago: University of Chicago Press, 2001.

"Explaining the Rise in Youth Suicide," in Jonathan Gruber, ed., *Risky Behavior Among Youths: An Economic Analysis*, Chicago: University of Chicago Press, 2001, 219-269 (with Edward L. Glaeser, and Karen Norberg).

"Productivity Change in Health Care," *American Economic Review*, May 2001, 281-286 (with Mark McClellan).

"Is Technological Change in Medicine Worth It?" *Health Affairs*, 20(5), September/October 2001, 11-29 (with Mark McClellan).

"Pricing Heart Attack Treatments," in David Cutler and Ernst Berndt, eds., *Medical Care Output and Productivity*, Chicago: University of Chicago Press, 2001, 305-362 (with Mark McClellan, Joseph P. Newhouse, and Dahlia Remler).

"Price Indexes for Medical Care Goods and Services: An Overview of Measurement Costs," in David Cutler and Ernst Berndt, eds., *Medical Care Output and Productivity*, Chicago: University of Chicago Press, 2000, 141-198 (with Ernst Berndt, Richard G. Frank, Zvi Griliches, Joseph P. Newhouse, and Jack E. Triplett).

"The Concentration of Medical Spending: An Update," in David Wise, ed., *Themes in the Economics of Aging*, Chicago: University of Chicago Press, 2001, 217-234 (with Ellen Meara).

"Demographics and the Demand for Medical Spending: Standard and Non-Standard Effects," in Alan Auerbach and Ron Lee, eds., *Demographic Change and Fiscal Policy*, Cambridge: Cambridge University Press, 2001, 253-291 (with Louise Sheiner).

"Consolidation in the Medical Care Marketplace," in Steven Kaplan, ed., *Mergers and Productivity*, Chicago: University of Chicago Press, 2000 (with Jason Barro).

"Medical Care Prices and Output," in Anthony Culyer and Joseph Newhouse, *Handbook of Health Economics, Volume IA*, 2000, 119-180 (with Ernst Berndt, Richard G. Frank, Zvi Griliches, Joseph P. Newhouse, and Jack E. Triplett).

"The Anatomy of Health Insurance," in Anthony Culyer and Joseph Newhouse, eds., *Handbook of Health Economics, Volume IA*, Amsterdam: Elsevier, 2000, 563-643 (with Richard Zeckhauser).

"Walking the Tightrope on Medicare Reform," *Journal of Economic Perspectives*, 14(2), Spring 2000, 45-56.

"How Good a Deal Was the Tobacco Settlement?: Assessing Payments to Massachusetts," *Journal of Risk and Uncertainty*, November 2000, 235-261 (with Arnold M. Epstein, Richard G. Frank, Raymond S. Hartman, Charles King III, Joseph P. Newhouse, Meredith B. Rosenthal, and Elizabeth Richardson Vigdor).

"How Does Managed Care Do It?" *Rand Journal of Economics*, 31(3), Autumn 2000, 526-548 (with Mark McClellan, and Joseph P. Newhouse).

"The Technology of Birth: Is It Worth It?" in Alan Garber, ed., *Frontiers in Health Policy Research, Volume 3*, Cambridge, MA: MIT Press, 2000, 33-67 (with Ellen Meara).

"Generational Aspects of Medicare," *American Economic Review*, 90(2), May 2000, 303-307 (with Louise Sheiner).

"What Does Medicare Spending Buy Us?" in Andrew Rettenmaier and Thomas Saving, eds., *Medicare Reform: Issues and Answers*, Chicago, IL: University of Chicago Press, 1999, 131-152.

"Converting Hospitals from Not-for-Profit to For-Profit Status: Why and What Effects?" in David Cutler, ed., *The Changing Hospital Industry: Comparing For-Profit and Not-for-Profit Hospitals*, Chicago: University of Chicago Press, 1999, 45-79 (with Jill R. Horwitz).

"The Costs and Benefits of Intensive Treatment for Cardiovascular Disease," in Jack Triplett, ed., *Measuring the Prices of Medical Treatments*, Washington, D.C.: The Brookings Institution, 1999, 34-71 (with Mark McClellan, and Joseph P. Newhouse).

"Your Money and Your Life: The Value of Health and What Affects It," in Alan Garber, ed., *Frontiers in Health Policy Research, Volume 2*, 1999, 99-132 (with Elizabeth Richardson).

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