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Employment

2014-2019: Harvard College Professor, Harvard University

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

Academic and Policy Advisory Board, Kyruus, Incorporated

National Advisory Board, Firefly

Board Member, Center for Healthcare Transparency

Consultant, Mathematica Policy Research, Inc.

Consultant, Mercer Health & Benefits, LLC

Fellow, Employee Benefit Research Institute

Member, Institute for Research on Poverty

Member, Institute of Medicine

Member, National Academy of Social Insurance

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

Scientific Advisory Board, Alliance for Aging Research

Scientific Advisory Board, F-Prime Capital Partners (formerly Scientific Advisory Board, Fidelity Investments)

Senior Fellow, Center for American Progress

Public Service

2018-21: Member of National Academy of Sciences, Engineering, and Medicine Panel, "High and Rising Mortality Rates Among Working-Age Adults" 2012-: Health Policy Commission, Commonwealth of Massachusetts

2012-: Health Policy Commission, Commonwealth of Massachusetts

2006-2012: 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

2018: Carpenter Award, Babson College

2014: Harvard College Professor, Harvard University

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

President, American Society of Health Economists, 7/2021-6/2022

Former Member, Board of Directors, International Health Economics Association

Former 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

Pfizer

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 Institute 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.

The Quality Cure: How Focusing on Health Care Quality Can Save Your Life and Lower Spending Too, University of California Press, 2014.

Survival of the City: Living and Thriving in an Age of Isolation, Penguin Random House, 2021 (with Ed Glaeser).

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).

Measuring and Modeling Health Care Costs, Chicago: University of Chicago Press, 2018 (with Ana Aizcorbe, Colin Baker, and Ernst Berndt).

Articles

“Comment on ‘Re-Examining the Contribution of Public Health Efforts to the Decline in Urban Mortality,’” *American Economic Journal: Applied Economics*, 14(2), April 2022, 158-165. (with Grant Miller)

“Childbirths at Home and in Birthing Centers Rose During COVID-19: Oregon 2020 versus Prior Years,” *American Journal of Obstetrics and Gynecology*, forthcoming 2022. (with Anna Jo Bodurtha Smith, R. Annetta Zhou, Emilie Sites, Sara E. Hallvik, and Alyna T. Chien)

“A Satellite Account for Health in the United States,” *American Economic Review*, 112(2), February 2022, 494-533. (with Kaushik Ghosh, Kassandra Messer, Trivellore Raghunathan, Allison Rosen, and Susan Stewart)

“Challenges for the Beleaguered Health Care Workforce During COVID-19,” *JAMA Health Forum*, 2022 Jan 27;3(1):e220143. doi:10.1001/jamahealthforum.2022.0143

“Administrative Simplification and the Potential for Saving a Quarter-Trillion Dollars in Health Care,” *JAMA*. 2021 Nov 2;326(17):1677-1678. (with Nikhil Sahni and Brandon Carrus)

“When Innovation Goes Wrong: Technological Regress and the Opioid Epidemic,” *Journal of Economic Perspectives*, 35(4), Fall 2021, 171-196. (with Ed Glaeser)

“The Increasing Role of Physician Practices as Bill Collectors: Destined for Failure.” *JAMA*. 2021 Aug 24;326(8):695-696. (with A Jay Holmgren and Ateev Mehrotra)

“US Trends in Opioid Access Among Patients With Poor Prognosis Cancer Near the End-of-Life.” *J Clin Oncol*. 2021 Sep 10;39(26):2948-2958. (with Andrea Enzinger, Kaushik Ghosh, Nancy Keating, Mary Beth Landrum, and Alexi Wright)

“An algorithmic approach to reducing unexplained pain disparities in underserved populations.” *Nature Medicine* 27, 136–140 (2021). (with Emma Pierson, Jure Leskovec, Sendhil Mullainathan, and Ziad Obermeyer)

“Assessment of Electronic Health Record Use Between US and Non-US Health Systems.” *JAMA Intern Med*. 2021 Feb 1;181(2):251-259. Erratum in: *JAMA Intern Med*. 2021 Feb 1;181(2):296. PMID: 33315048; PMCID: PMC7737152. (with A Jay Holmgren, Lance Downing, David Bates, Tait Shanafelt, Arnie Milstein, Christopher Sharp, Rob Huckman, and Kevin Schulman)

“Pediatric Hospital Services Within a One-Hour Drive: A National Study.” *Pediatrics*. 2020 Nov;146(5):e20201724. doi: 10.1542/peds.2020-1724. PMID: 33127850. (with Alyna Chien, Abhinav Pandey, Sifan Lu, Emily Bucholz, Sara Toomey, and Nancy Beaulieu)

“Primary care quality and cost for privately insured patients in and out of US Health Systems: Evidence from four states.” *Health Serv Res.* 2020 Dec;55 Suppl 3(Suppl 3):1098-1106. (with Annetta Zhou and Nancy Beaulieu)

“The COVID-19 Pandemic and the \$16 Trillion Virus.” *JAMA*, 2020;324(15):1495-1496. (with Lawrence Summers)

“Contributions Of Public Health, Pharmaceuticals, And Other Medical Care To US Life Expectancy Changes, 1990-2015.” *Health Affairs.* 2020 Sep;39(9):1546-1556. (with Jason Buxbaum, Michael Chernew, and Mark Fendrick)

“Attributing medical spending to conditions: A comparison of methods.” *PLoS ONE*, 2020, 15(8):e0237082 (with Kaushik Ghosh, Irina Bondarenko, Kassandra L Messer, Susan T Stewart, Trivellore Raghunathan, and Allison B Rosen)

“Disparities in Coronavirus 2019 Reported Incidence, Knowledge, and Behavior Among US Adults.” *JAMA Network Open.* 2020 Jun 1;3(6):e2012403. (with Marcella Alsan, Stefanie Stantcheva, and David Yang)

“The Business of Medicine in the Era of COVID-19.” *JAMA.* 2020 May 26;323(20):2003-2004. (with Sayeh Nikpay and Rob Huckman)

“Trends and Racial Differences in First Hospitalization for Stroke and 30-Day Mortality in the US Medicare Population From 1988 to 2013.” *Medical Care.* 2019;57(4):262-269 (with Jamie Yao, Kaushik Ghosh, Marcelo Coca Perrillon, and Margaret C. Fang)

“Decreases In Readmissions Credited To Medicare's Program To Reduce Hospital Readmissions Have Been Overstated.” *Health Affairs* (Millwood). 2019;38(1):36-43. (with Christopher Ody, Lucy Msall, Leemore Dafny, and David Grabowski)

“Explaining The Slowdown In Medical Spending Growth Among The Elderly, 1999–2012,” *Health Affairs* 38 (2), February 2019, 222-229 (with Kaushik Ghosh, Kassandra L. Messer, Trivellore E. Raghunathan, Susan T. Stewart, and Allison B. Rosen).

“The Contribution Of New Product Entry Versus Existing Product Inflation In The Rising Costs Of Drugs” *Health Affairs* 38 (1), January 2019, 76-83 (with Inmaculada Hernandez, Chester B. Good, Walid F. Gellad, Natasha Parekh, and William H. Shrank)

“Physician Beliefs and Patient Preferences: A New Look at Regional Variation in Health Care Spending,” *American Economic Journal: Economic Policy*, 11(1) February 2019, 192-221. (with Jonathan Skinner, Ariel Dora Stern, and David Wennberg).

“Factors of U.S. Hospitals Associated with Improved Profit Margins: An Observational Study” *Journal of General Internal Medicine*, 33(7), July 2018, 1020-1027 (with Dan Ly).

“What Is The US Health Spending Problem?” *Health Affairs*, 37(3), March 2018, 493-497.

“Introduction to Measuring and Modeling Health Care Costs” in *Measuring and Modeling Health Care Costs*, 2018 (Ana Aizcorbe, Colin Baker, Ernst Berndt, and David Cutler, editors).

“Attribution of Health Care Costs to Diseases: Does the Method Matter?” in *Measuring and Modeling Health Care Costs*, 2018 (Ana Aizcorbe, Colin Baker, Ernst Berndt, and David Cutler, editors).

“The IT Transformation Health Care Needs” *Harvard Business Review*, 95(6), November 2017, 129-136 (with Nikhil Sahni, Robert Huckman, Anuraag Chigurupati).

“Business Resilience and Energy Innovation” *Harvard Business Review*, 95(6), November 2017, 137-138 (with Nikhil Sahni, Robert Huckman, Anuraag Chigurupati).

“Potential Impact of Affordable Care Act-Related Insurance Expansion on Trauma Care Reimbursement” *Journal of Trauma and Acute Care Surgery*, 82(5), May 2017, 887-895 (with John W. Scott, Pooja U. Neiman, Peter A. Najjar, Thomas C. Tsai, Kirstin W. Scott, Mark G. Shrimel, Ali Salim, and Adil H. Haider).

“Teaching Health Care in Introductory Economics” *Journal of Economic Education*, 48(3), May 2017, 218-223.

“Where Do Freestanding Emergency Departments Choose to Locate? A National Inventory and Geographic Analysis in Three States,” *Annals of Emergency Medicine*, 69(4), April 2017, 383-392 (with Jeremiah D. Schuur, Olesya Baker, Jaclyn Freshman, and Michael Wilson).

“Early Death After Discharge from Emergency Departments: Analysis Of National US Insurance Claims Data,” *British Medical Journal*, 356(j239), February 2017, 1-9, (with Ziad Obermeyer, Brent Cohn, Michael Wilson, and Anupam B Jena).

“State Regulation of Freestanding Emergency Departments Varies Widely, Affecting Location, Growth, and Services Provided,” *Health Affairs*, 35 (10), October 2016, 1857-1866 (with Catherine Gutierrez, Rachel A. Lindor, Olesya Baker, and Jeremiah D. Schuur).

“Changes in Hospital–Physician Affiliations in U.S. Hospitals and Their Effect on Quality of Care,” *Annals of Internal Medicine*, 166(1) January 2017, 1-9 (with Kirstin W. Scott, E. John Orav, and Ashish K. Jha).

“Where Do Freestanding Emergency Departments Choose to Locate? A National Inventory and Geographic Analysis in Three States,” *Annals of Emergency Medicine*, 69(4), April 2017, 383-392 (with Jeremiah D. Schuur, Olesya Baker, Jaclyn Freshman, and Michael Wilson).

“Surgeon Specialization and Operative Mortality in United States: Retrospective Analysis,” *British Medical Journal*, 354 (i3571), June 2016, 1-9 (with Nikhil Sahni, Maurice Dalton, John Birkmeyer, and Amitabh Chandra).

“Understanding the Improvement in Disability Free Life Expectancy in the U.S. Elderly Population,” in David Wise, ed., *Insights in the Economics of Aging*, Chicago: University of Chicago Press, 2017 (with Michael Chernew, Kaushik Ghosh, and Mary Beth Landrum).

“Short-term Outcomes for Medicare Beneficiaries After Low-acuity Visits to Emergency Departments and Clinics,” *Medical Care*, 54 (5), May 2016, 498-503 (with Katherine Baicker, Matthew J. Niedzwiecki, Ziad Obermeyer, and Michael Wilson).

“The Association Between Income and Life Expectancy in the United States, 2001-2014,” *JAMA*, 315(16), April 2016, 1750-66 (with Raj Chetty, Michael Steiner, Sarah Abraham, Shelby Lin, Benjamin Scuderi, Nicholas Turner, and Augustin Bergeron).

“Economic Approaches to Estimating Benefits of Regulations Affecting Addictive Goods,” *American Journal of Preventative Medicine*, 50 (5S1), May 2016, S20–S26 (with Amber I. Jessup, Donald S. Kenkel, and Martha A. Starr).

“Emergency Care Use and the Medicare Hospice Benefit for Individuals with Cancer with a Poor Prognosis,” *Journal of the American Geriatric Society*, 64(2) January 2016, 323-329 (with Ziad Obermeyer, Alissa C. Clarke, Maggie Makar, and Jeremiah D. Schuur).

“Association of Influenza Vaccination Coverage in Younger Adults with Influenza-Related Illness in the Elderly,” *Clinical Infectious Diseases*, 61(10), November 2015, 1495-1503 (with Glen B. Taksler and Michael B. Rothberg).

“Valuing Regulations Affecting Addictive or Habitual Goods,” *Journal of Benefit-Cost Analysis* 6(2), June 2015, 247-280.

“Physician Characteristics Strongly Predict Patient Enrollment in Hospice,” *Health Affairs*, 34(6), June 2015, 993-1000.

“Recent National Trends in Acute Myocardial Infarction Hospitalizations in Medicare: Shrinking Declines and Growing Disparities,” *Epidemiology*, 26(4), July 2015, e46-e47 (with Naomi C. Sacks, Arlene S. Ash, Kaushik Ghosh, Amy K. Rosen, John B. Wong, and Allison B. Rosen).

“Cost Savings Associated with Expanded Hospice Use in Medicare,” *Journal of Palliative Medicine*, 18(5), May 2015, 400-401 (with Brian W. Powers, Maggie Makar, Sachin H. Jain, and Ziad Obermeyer).

“Cost-Effectiveness of Multiplexed Predictive Biomarker Screening in Non-Small-Cell Lung Cancer,” *Journal of Thoracic Oncology*, 10(4), April 2015, 586-594 (with Dorothy Romanus, Stephanie Cardarella, Mary Beth Landrum, Scott Gazelle).

“Vitamin D Deficiency in Minority Populations,” *Public Health Nutrition*, 8(3), February 2015, 379-391 (with Glen B. Taksler, Edward Giovannucci, and Nancy L. Keating).

“When Does Education Matter? The Protective Effect of Education for Cohorts Graduating in Bad Times,” *Social Science & Medicine*, 127, February 2015, 63-73 (with Wei Huang and Adriana Lleras-Muney).

“Who Pays for Public Employee Health Costs?” *Journal of Health Economics*, 38, December 2014, 65-76, (with Jeffrey Clemens).

“Health Insurance and the American Public Sector Labor Market,” *Journal of Health Economics*, 38, December 2014, 62-64, (with Robert L. Clark and Joseph P. Newhouse).

“Health, Functioning, and Disability in Older Adults—Present Status and Future Implications,” *Lancet*, 385(9967), February 2014, 563-575 (with Somnath Chatterji, Julie Byles, Teresa Seeman, and Emese Verdes).

“Association between the Medicare Hospice Benefit and Health Care Utilization and Costs for Patients with Poor-prognosis Cancer,” *JAMA*, 312(18), October 2014, 1888-1896 (with Ziad Obermeyer, Maggie Makar, Samer Abujaber, Francesca Dominici, and Susan Block).

“Hospital and Emergency Department Factors Associated with Variations in Missed Diagnosis and Costs for Patients Age 65 Years and Older with Acute Myocardial Infarction Who Present to Emergency Departments,” *Academic Emergency Medicine*, 21(10), October 2014, 1101-1108 (with Michael Wilson, Jonathan Welch, Jeremiah Schuur, and Kelli O’Laughlin).

“Comparison of Trends in US Health-Related Quality of Life Over the 2000s Using the SF-6D, HALex, EQ-5D, and EQ-5D Visual Analog Scale Versus a Broader Set of Symptoms and Impairments,” *Medical Care*, 52(12), December 2014, 1010-1016 (with Susan T. Stewart and Allison B. Rosen).

“Trends in Stroke Rates, Risk, and Outcomes in the United States, 1988 to 2008,” *American Journal of Medicine*, 127(7), July 2014, 608-615 (with Margaret C. Fang, Marcelo Coca Perrillon, Kaushik Ghosh, and Allison B. Rosen).

“Emergency Department Profits Are Likely To Continue As The Affordable Care Act Expands Coverage,” *Health Affairs*, 33(5), May 2014, 792-799 (with Michael Wilson).

“Meaningful Use: Floor or Ceiling,” *Healthcare*, 2(1) March 2014, 48-52 (with Michael D. Botta).

“Who Needs Laboratories and Who Needs Statins? Comparative and Cost-effectiveness Analyses of Non-laboratory-based, Laboratory-based, and Staged Primary Cardiovascular Disease Screening Guidelines,” *Circulation: Cardiovascular Quality and Outcomes*, 7(1), January 2014, 25-32 (with Ankur Pandya, Milton C. Weinstein, Joshua A. Salomon, and Thomas A. Gaziano).

“Health Care Spending—A Giant Slain or Sleeping?” *New England Journal of Medicine*, 369(26), December 2013, 2551-2557 (with David Blumenthal and Kris Stremikis).

“Hospitals, Market Share, and Consolidation,” *JAMA*, 310(18), November 2013, 1964-1970 (with Fiona Scott Morton).

“US Trends in Quality-Adjusted Life Expectancy From 1987 to 2008: Combining National Surveys to More Broadly Track the Health of the Nation,” *American Journal of Public Health*, 103(11) November 2013, e78-e87 (with Susan Stewart and Allison B. Rosen).

“Substantial Health and Economic Returns From Delayed Aging May Warrant a New Focus For Medical Research,” *Health Affairs*, 32(10) October 2013, 1698-1705 (with Dana P. Goldman, John W. Rowe, Pierre-Carl Michaud, Jeffrey Sullivan, Desi Peneva and S. Jay Olshansky).

“More Americans Living Longer with Cardiovascular Disease Will Increase Costs while Lowering Quality of Life,” *Health Affairs*, 32(10), October 2013, 1706-1714 (with Ankur Pandya, Thomas A. Gaziano, and Milton C. Weinstein).

“Girls’ Education and HIV Risk: Evidence from Uganda,” *Journal of Health Economics*, 32(5), September 2013, 863-872 (with Marcela Alsan).

“Ultraviolet Index and Racial Differences in Prostate Cancer Incidence and Mortality,” *Cancer*, 119(17) September 2013, 3195-203 (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 Perrallion).

“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).

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

“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).

“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 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).

“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).

“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).

“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).

“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.

“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).

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