

## LAWRENCE F. KATZ

### Vitae

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#### Addresses

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#### Current Employment and Professional Positions

Elisabeth Allison Professor of Economics, Department of Economics, Harvard University, 2003-  
Editor, *Quarterly Journal of Economics*, 1991-  
Research Associate, National Bureau of Economic Research (NBER), 1990-  
Research Fellow, IZA Institute of Labor Economics, 2009-  
Affiliated Professor, J-PAL, 2013-

#### Previous Positions

Co-Scientific Director and Co-Founder, J-PAL North America, 2013-2022.  
Chief Economist, U.S. Department of Labor, January 1993 - August 1994.  
Director, Project on the Well-Being of Children, NBER, 1992, 1994-1996.  
Professor of Economics, Harvard University, 1991-2003.  
Assistant and Associate Professor, Department of Economics, Harvard University, 1986-91.  
Faculty Research Fellow, NBER, 1985-90.  
Assistant Professor, School of Business Adm., University of California, Berkeley, 1985-1986.

#### Education

Ph.D. (Economics), Massachusetts Institute of Technology, 1985.  
A.B. (Economics, with Greatest Distinction), University of California, Berkeley, 1981.

#### Books

*Women Working Longer*, co-edited with C. Goldin, University of Chicago Press and NBER, 2018.

*The Race between Education and Technology*, with C. Goldin, Harvard University Press, 2008.  
Recipient of the R.R. Hawkins Award of the American Association of Publishers for the most Outstanding Professional, Reference, or Scholarly Work of 2008; and of the Richard A. Lester Prize for the Outstanding Book in Labor Economics and Industrial Relations of 2008.

*Differences and Changes in Wage Structures*, co-edited with R. Freeman, University of Chicago Press and NBER, 1995.

#### Published Articles and Chapters

"Creating Moves to Opportunity: Experimental Evidence on Barriers to Neighborhood Choice," with P. Bergman, R. Chetty, S. DeLuca, N. Hendren, and C. Palmer, *American Economic Review*, accepted; final draft August 2023.

"'When Someone Cares About You, It's Priceless': Reducing Administrative Burdens and Boosting Housing Search Confidence to Increase Opportunity Moves for Voucher Holders " with S. DeLuca and S. Oppenheimer, *RSF: The Russell Sage Journal of the Social Sciences*, 9 (Sept. 2023), 179-211.

"Evaluating Contradictory Experimental and Non-Experimental Estimates of Neighborhood Effects on Economic Outcomes for Adults," with D. Harding, L. Sanbonmatsu, G. Duncan, L. Gennetian, R. Kessler, J. Kling, M. Sciandra, and J. Ludwig, *Housing Policy Debate* 33, no. 2 (2023), 453-86.

"Why Do Sectoral Employment Training Programs Work? Lessons from WorkAdvance," with J. Roth, R. Hendra, and K. Schaberg, *Journal of Labor Economics*, 40, S1 (April 2022), S249-S291.

"Effect of Expanding the Earned Income Tax Credit to Americans without Dependent Children on Psychological Distress: The Paycheck Plus Health Study Randomized Controlled Trial," with E. Courtin, H. Allen, C. Miller, K. Aloisi, and P. Muennig, *American Journal of Epidemiology* 191 (August 2022), 1444-52; DOI: [10.1093/aje/kwab164](https://doi.org/10.1093/aje/kwab164).

"Neighborhoods Matter: Assessing the Evidence for Place Effects," with E. Chyn, *Journal of Economic Perspectives* 35 (Fall 2021), 197-222.

"The Health Effects of Expanding the Earned Income Tax Credit: Results from New York City," with E. Courtin, K. Aloisi, C. Miller, H. Allen, and P. Muennig, *Health Affairs* 39 (July 2020), 1149-56.

"The Fall of the Labor Share and the Rise of Superstar Firms," with D. Autor, D. Dorn, C. Patterson, and J. Van Reenen, *Quarterly Journal of Economics* 135 (May 2020), 645-709.

"Extending the Race between Education and Technology," with D. Autor and C. Goldin, *AEA Papers and Proceedings*, 110 (May 2020), 347-51.

"Understanding Trends in Alternative Work Arrangements in the United States," with A. Krueger, *RSF: The Russell Sage Journal of the Social Sciences* 5 (December 2019), 132-46.

"The Rise and Nature of Alternative Work Arrangements in the United States, 1995-2015," with A. Krueger, *ILR Review* 72 (March 2019), 382-416.

"Women Working Longer: Facts and Some Explanations," with C. Goldin, in C. Goldin and L. Katz, eds., *Women Working Longer*, University of Chicago and NBER, 2018, 11-53.

"The Role of Unemployment in the Rise of Alternative Work Arrangements," with A. Krueger, *American Economic Review P&P* 107 (May 2017), 388-92.

"Concentrating on the Fall of the Labor Share" with D. Autor, D. Dorn, C. Patterson, and J. Van Reenen, *American Economic Review P&P* 107 (May 2017), 180-85.

"A Most Egalitarian Profession: Pharmacy and the Evolution of a Family-Friendly Occupation," with C. Goldin, *Journal of Labor Economics* 34 (July 2016), 705-45.

"The Effects of Exposure to Better Neighborhoods on Children: New Evidence from the Moving to Opportunity Experiment," with R. Chetty and N. Hendren, *American Economic Review* 106 (April 2016), 855-902.

"The Value of Postsecondary Credentials in the Labor Market: An Experimental Study," with D. Deming, N. Yuchtman, A. Abulafi, and C. Goldin, *American Economic Review* 106 (March 2016), 778-806.

"Long-Term Unemployment and the Great Recession: The Role of Composition, Duration Dependence, and Non-Participation," with K. Kroft, F. Lange, and M. Notowidigdo, *Journal of Labor Economics* 34, No. S1, Part 2 (January 2016), S7-S54.

"Neighborhood Effects on use of Vernacular African-American English" with J. Rickford, G. Duncan, L. Gennetian, R. Gou, R. Greene, R. Kessler, J. Kling, L. Sanbonmatsu, A. Sanchez-Ordoñez, M. Sciandra, E. Thomas, and J. Ludwig, *PNAS* 112 (2015), 11817-11822.

"Can Online Learning Bend the Higher Education Cost Curve?" with D. Deming, C. Goldin, and N. Yuchtman, *American Economic Review P&P* 105 (May 2015), 496-501.

"Associations of Housing Mobility Interventions for Children in High-Poverty Neighborhoods with Subsequent Mental Disorders during Adolescence," with R. Kessler, G. Duncan, L. Gennetian, J. Kling, N. Sampson, L. Sanbonmatsu, A. Zaslavsky, & J. Ludwig, *JAMA* 311 (March 5, 2014), 937-47.

"Technical Change and the Relative Demand for Skilled Labor: The United States in Historical Perspective," with R. Margo, in L. Boustan, C. Frydman, and R. Margo, eds., *Human Capital in History*, University of Chicago and NBER, 2014, 15-57.

"Long-Term Effects of the Moving to Opportunity Residential-Mobility Experiment on Crime and Delinquency," with M. Sciandra, L. Sanbonmatsu, G. Duncan, L. Gennetian, R. Kessler, J. Kling, and J. Ludwig, *Journal of Experimental Criminology* 9 (December 2013), 451-89.

"For-Profit Colleges," with D. Deming and C. Goldin, *Future of Children* 23 (Spring 2013): 137-63.

"Achieving Escape Velocity: Neighborhood and School Interventions to Reduce Persistent Inequality," with R. Fryer, Jr., *American Economic Review P&P* 103 (May 2013), 232-37.

"Long-Term Neighborhood Effects on Low-Income Families: Evidence from Moving to Opportunity," with J. Ludwig, G. Duncan, L. Gennetian, R. Kessler, J. Kling, and L. Sanbonmatsu, *American Economic Review P&P* 103 (May 2013), 226-31.

"Neighborhood Effects on the Long-Term Well-Being of Low-Income Adults," with J. Ludwig,

G. Duncan, L. Gennetian, R. Kessler, J. Kling, and L. Sanbonmatsu, *Science* 337 (September 20, 2012), 1505-10.

"The Long-Term Impacts of Moving to Opportunity on Adult Health and Economic Self-Sufficiency," with L. Sanbonmatsu, J. Marvakov, N. Potter, F. Yang, E. Adam, W. Congdon, G. Duncan, L. Gennetian, R. Kessler, J. Kling, S. Lindau, J. Ludwig, and T. McDade, *Cityscape* 14 (2012:2), 109-36.

"The Long-Term Impacts of Moving to Opportunity on Youth Outcomes," with L. Gennetian, M. Sciandra, L. Sanbonmatsu, J. Ludwig, G. Duncan, J. Kling, and R. Kessler, *Cityscape* 14 (2012:2), 137-68.

"Notes on Behavioral Economics and Labor Market Policies," with L. Babcock, W. Congdon, and S. Mullainathan, *IZA Journal of Labor Policy* 1 (2012:2).

"The For-Profit Postsecondary School Sector: Nimble Critters or Agile Predators?," with D. Deming and C. Goldin, *Journal of Economic Perspectives* 26 (Winter 2012), 139-64.

"The Cost of Workplace Flexibility for High-Powered Professionals," with C. Goldin, *The ANNALS of the American Academy of Political and Social Science* 638 (November 2011), 45-67.

"Neighborhoods, Obesity and Diabetes – A Randomized Social Experiment," with J. Ludwig, L. Sanbonmatsu, L. Gennetian, E. Adam, G. Duncan, R. Kessler, J. Kling, S. Lindau, R. Whitaker, and T. McDade, *New England Journal of Medicine* 365 (October 20, 2011), 1509-19.

"Putting the 'Co' in Education: Timing, Reasons, Consequences of College Coeducation from 1835 to the Present," with C. Goldin, *Journal of Human Capital* 5 (Winter 2011), 377-417.

"Mass Secondary Schooling and the State: The Role of State Compulsion in the High School Movement," with C. Goldin, in D. Costa and N. Lamoreaux, eds., *Understanding Long-Run Economic Growth*, University of Chicago Press and NBER, 2011, 275-311.

"Dynamics of the Gender Gap for Young Professionals in the Financial and Corporate Sectors," with M. Bertrand and C. Goldin, *American Economic Journal: Applied Economics* 2 (July 2010), 228-55.

"Why the U.S. Led in Education? Lessons from Secondary School Expansion, 1910 to 1940," with C. Goldin, in D. Eltis, F. Lewis and K. Sokoloff, eds., *Human Capital and Institutions*, Cambridge University Press, 2009, 143-78.

"What Can We Learn about Neighborhood Effects from the Moving to Opportunity Experiment?," with J. Ludwig, J. Liebman, J. Kling, G. Duncan, R. Kessler, and L. Sanbonmatsu, *American Journal of Sociology* 114 (July 2008), 144-88.

"Trends in U.S. Wage Inequality: Revising the Revisionists," with D. Autor and M. Kearney, *Review of Economics and Statistics* 90 (May 2008), 300-23.

"Transitions: Career and Family Life Cycles of the Educational Elite," with C. Goldin, *American Economic Review P&P* 98 (May 2008), 363-69.

"Long-Run Changes in the Wage Structure: Narrowing, Widening, Polarizing," with C. Goldin, *Brookings Papers on Economic Activity*, 2007, no.2, 135-65.

"What Does Performance in Graduate School Predict? Graduate Economics Education and Student Outcomes," with S. Athey, A. Krueger, S. Levitt, and J. Poterba, *American Economic Review* 97 (May 2007), 512-18.

"Experimental Analysis of Neighborhood Effects," with J. Kling and J. Liebman, *Econometrica*, 75 (January 2007), 83-119.

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"The Homecoming of American College Women: The Reversal of the College Gender Gap," with C. Goldin and I. Kuziemko, *Journal of Economic Perspectives* 20 (Fall 2006), 133-56.

"The Polarization of the U.S. Labor Market," with D. Autor and M. Kearney, *American Economic Review P&P* 96 (May 2006), 189-94.

"Comparative Advantage, Learning, and Sectoral Wage Determination," with R. Gibbons, T. Lemieux, and D. Parent, *Journal of Labor Economics* 23 (October 2005), 681-723.

"Neighborhood Effects on Crime for Female and Male Youth: Evidence from a Randomized Housing Voucher Experiment," with J. Kling and J. Ludwig, *Quarterly Journal of Economics* 120 (February 2005), 87-130.

"Bullets Don't Got No Name: Consequences of Fear in the Ghetto," with J. Kling and J. Liebman, in T.S. Weisner, ed., *Discovering Successful Pathways in Children's Development: Mixed Methods in the Study of Childhood and Family Life*, U. of Chicago, 2005, 243-81.

"Prison Conditions, Capital Punishment and Deterrence," with S. Levitt and E. Shustorovich, *American Law and Economics Review* 5 (Fall 2003), 318-43.

"Sustaining U.S. Economic Growth," with J.B. DeLong and C. Goldin, in H. Aaron, J. Lindsay, and P. Nivola, eds., *Agenda for the Nation*, Brookings Institution, 2003, 17-60.

"Boston Site Findings: The Early Impacts of Moving to Opportunity," with J. Kling and J. Liebman, in J. Goering and J. Feins, eds., *Choosing A Better Life: Evaluating the Moving to Opportunity Social Experiment*, Urban Institute Press, 2003, 177-211.

"The Power of the Pill: Oral Contraceptives and Women's Career and Marriage Decisions," with C. Goldin, *Journal of Political Economy* 110 (August 2002), 730-770.

"Moving to Opportunity in Boston: Early Results of a Randomized Mobility Experiment," with J. Kling and J. Liebman, *Quarterly Journal of Economics* 116 (May 2001), 607-54.

"The Legacy of U.S. Educational Leadership: Notes on Distribution and Economic Growth in the 20th Century," with C. Goldin, *American Economic Review P&P* 91 (May 2001), 18-23.

"Decreasing (and then Increasing) Inequality in America: A Tale of Two Half-Centuries," with C. Goldin, in F. Welch, ed., *The Causes and Consequences of Increasing Income Inequality*, University of Chicago Press, 2001, 37-82.

"The Shaping of Higher Education in the United States and New England," with C. Goldin, *Regional Review* 11 (Q4 2001), 5-11.

"Prevailing Wage Laws and Construction Labor Markets," with D. Kessler, *Industrial and Labor Relations Review* 54 (January 2001), 259-74.

"Education and Income in the Early Twentieth Century: Evidence from the Prairies," with C. Goldin, *Journal of Economic History* 60 (September 2000), 782-818.

"Career and Marriage in the Age of the Pill," with C. Goldin, *American Economic Review P&P* 90 (May 2000), 461-65.

"Technological Change, Computerization, and the Wage Structure," in E. Brynjolfsson and B. Kahin, eds., *Understanding the Digital Economy*, MIT Press, 2000, 217-44.

"The High-Pressure U.S. Labor Market of the 1990s," with A. Krueger, *Brookings Papers on Economic Activity*, 1999:1, 1-87.

"Human Capital and Social Capital: The Rise of Secondary Schooling in America, 1910 to 1940," with C. Goldin, *Journal of Interdisciplinary History* 29 (Spring 1999), 683-723. [Reprinted in R. Rotberg, ed., *Patterns of Social Capital* (Cambridge University Press), 2001.]

"Changes in the Wage Structure and Earnings Inequality," with D. Autor, in O. Ashenfelter and D. Card, eds., *Handbook of Labor Economics*, vol. 3A, North-Holland, 1999, 1463-1555.

"Wage Dynamics: Reconciling Theory and Evidence," with O. Blanchard, *American Economic Review P&P* 89 (May 1999), 69-74.

"The Shaping of Higher Education: The Formative Years in the United States, 1890 to 1940," with C. Goldin, *Journal of Economic Perspectives* 13 (Winter 1999), 37-62.

"Computing Inequality: Have Computers Changed the Labor Market?" with D. Autor and A. Krueger, *Quarterly Journal of Economics* 113 (November 1998), 1169-1213.

"The Origins of Technology-Skill Complementarity," with C. Goldin, *Quarterly Journal of Economics* 113 (August 1998), 693-732.

"Reflections on U.S. Labour Market Performance," in *Unemployment and the Australian Labour Market*, Proceedings of a Conference, Reserve Bank of Australia, 1998, 8-34.

"The Origins of State-Level Differences in the Public Provision of Higher Education: 1890 to

1940," with C. Goldin, *American Economic Review P&P* 88 (May 1998), 303-308.

"A Distinctive System: Origins and Impact of U.S. Unemployment Compensation," with K. Baicker and C. Goldin, in M. Bordo, C. Goldin, and E. White, eds., *The Defining Moment*, University of Chicago Press and NBER, 1998, 227-63.

"Wage Subsidies for the Disadvantaged," in R. Freeman and P. Gottschalk, eds., *Generating Jobs: How to Increase Demand for Less-Skilled Workers*, Russell Sage, 1998, 21-53.

"How Much Do Immigration and Trade Affect Labor Market Outcomes?" with G. Borjas and R. Freeman, *Brookings Papers on Economic Activity*, 1997:1, 1-90.

"What We Know and Do Not Know About the Natural Rate of Unemployment," with O. Blanchard, *Journal of Economic Perspectives* 11 (Winter 1997), 51-72.

"Technology, Skill and the Wage Structure: Insights from the Past," with C. Goldin, *American Economic Review P&P* 86 (May 1996), 252-257.

"Searching for the Effect of Immigration on the Labor Market," with G. Borjas and R. Freeman, *American Economic Review P&P* 86 (May 1996), 246-51.

"Work-Force Preparation Policies to Promote Economic Opportunity," in *Opportunity in the United States: Social and Individual Responsibility* (The Aspen Institute), 1996, 31-42.

"Introduction and Summary," with R. Freeman, in R. Freeman and L. Katz, eds., *Differences and Changes in Wage Structures* (Chicago: University of Chicago and NBER), 1995, 1-21.

"A Comparison of Changes in the Structure of Wages in Four OECD Countries," with G. Loveman and D. Blanchflower, in R. Freeman and L. Katz, eds., *Differences and Changes in Wage Structures* (Chicago: University of Chicago and NBER), 1995, 25-65.

"Rising Wage Inequality: The United States vs. Other Advanced Countries," with R. Freeman, in R. Freeman, ed. *Working Under Different Rules* (New York: Russell Sage), 1994, 29-62.

"Active Labor Market Policies to Expand Employment and Opportunity," in *Reducing Unemployment: Current Issues and Policy Options* (Kansas City: Federal Reserve Bank of Kansas City), 1994, 239-90.

"Comment on D. Neumark and W. Wascher, 'Employment Effects of Minimum and Subminimum Wages: Panel Data on State Minimum Wage Laws,'" with D. Card and A. Krueger, *Industrial and Labor Relations Review*, 47 (April 1994), 487-97.

"Public Sector Pay Flexibility: Labor Market and Budgetary Considerations," with A. Krueger, *Pay Flexibility in the Public Sector*, Public Management Studies (Paris: OECD), 1993, 43-77.

"The Effect of the Minimum Wage on the Fast Food Industry," with A. Krueger, *Industrial and Labor Relations Review*, 46 (October 1992), 6-21.

"Does Unmeasured Ability Explain Inter-Industry Wage Differentials?" with R. Gibbons, *Review of Economic Studies*, 59 (July 1992), 515-35.

"Rising Inequality? Changes in the Distribution of Income and Consumption in the 1980s," with D. Cutler, *American Economic Review P&P* 82 (May 1992): 546-51.

"On the Labor Market Effects of Immigration and Trade," with G. Borjas and R. Freeman, in G. Borjas and R. Freeman, eds., *Immigration and the Work Force* (Chicago: U. of Chicago Press), 1992, 213-244.

"Regional Evolutions," with O. Blanchard, *Brookings Papers on Economic Activity*, 1992:1, 1-75.

"Changes in Relative Wages, 1963-1987: Supply and Demand Factors," with K. Murphy, *Quarterly Journal of Economics*, 107 (February 1992), 35-78. [Reprinted in O. Ashenfelter and K. Hallock, eds., *Labor Economics* (Edward Elgar), 1995; and in O. Ashenfelter, ed., *Labor Economics* (Worth), 1999.]

"Layoffs and Lemons," with R. Gibbons, *Journal of Labor Economics*, 9 (October 1991), 351-80. [This paper received the first H. Gregg Lewis Prize from the *Journal of Labor Economics*.]

"Macroeconomic Performance and the Disadvantaged," with D. Cutler, *Brookings Papers on Economic Activity*, 1991:2, 1-74.

"Job Queues and Wages," with H. Holzer and A. Krueger, *Quarterly Journal of Economics*, 106 (August 1991), 739-68.

"Changes in the Structure of Wages in the Public and Private Sectors," with A. Krueger, *Research in Labor Economics*, 12 (1991), 137-72. [Reprinted in *Research in Labor Economics*, 35<sup>th</sup> Anniversary Retrospective, 35 (2012)].

"Industrial Wage and Employment Determination in An Open Economy," with R. Freeman, in J. Abowd and R. Freeman, ed., *Immigration, Trade and the Labor Market* (Chicago: U. of Chicago Press), 1991, 235-259.

"The Effect of the New Minimum Wage Law in a Low-Wage Labor Market," with A. Krueger, *IRRA Proceedings*, 43 (1991), 254-65.

"The Potential Duration of Unemployment Benefits and the Duration of Unemployment," with B. Meyer, in M. Nerlove, ed., *Issues in Contemporary Economics*, vol. 2 (London: MacMillan and IEA), 1991, 128-156.

"Unemployment Insurance, Recall Expectations, and Unemployment Outcomes," with B. Meyer, *Quarterly Journal of Economics*, 105 (Nov. 1990), 973-1002.

"The Impact of the Potential Duration of Unemployment Benefits on the Duration of

Unemployment," with B. Meyer, *Journal of Public Economics*, 41 (February 1990), 45-72.

"Will 1992 Help or Hurt American Workers?" with R. Freeman, in J. Perez-Lopez et al., eds., *EC 1992: Implications for U.S. Workers* (Washington: CSIS), 1990, 15-26.

"Do Deferred Wages Eliminate the Need for Involuntary Unemployment as a Worker Discipline Device?" with G. Akerlof, in Y. Weiss and G. Fishelson, eds., *Advances in the Theory and Measurement of Unemployment* (London: MacMillan), 1990, 172-203.

"Why Do Firms Monitor Workers?" with W. Dickens, K. Lang, and L. Summers, in Y. Weiss and G. Fishelson, eds., *Advances in the Theory and Measurement of Unemployment* (London: MacMillan), 1990, 159-71.

"Changes in the Structure of Wages: The United States vs Japan," with A. Revenga, *Journal of the Japanese and International Economies*, 3 (December 1989), 522-553.

"Industry Rents: Evidence and Implications," with L. Summers, *Brookings Papers on Economic Activity: Microeconomics*, (1989), 209-75.

"Can Inter-Industry Wage Differentials Justify Strategic Trade Policy?" with L. Summers, in R. Feenstra, ed., *Trade Policies for International Competitiveness* (Chicago: U. of Chicago Press), 1989, 85-116.

"Workers' Trust Funds and the Logic of Wage Profiles," with G. Akerlof, *Quarterly Journal of Economics*, 104 (August 1989), 525-36.

"Employee Crime and the Monitoring Puzzle," with W. Dickens, K. Lang, and L. Summers, *Journal of Labor Economics*, 7 (July 1989), 331-347.

"Some Recent Developments in Labor Economics and Their Implications for Macroeconomics," *Journal of Money, Credit, and Banking*, 20 (August 1988, Part 2), 508-22.

"Inter-Industry Wage Differences and Industry Characteristics," with W. Dickens, in K. Lang and J. Leonard, eds., *Unemployment and the Structure of Labor Markets* (Blackwell), 1987, 48-89.

"The Interjurisdictional Effects of Growth Controls on Housing Prices," with K. Rosen, *Journal of Law and Economics*, 30 (April 1987), 149-60.

"Efficiency Wage Theories: A Partial Evaluation," *NBER Macroeconomics Annual*, 1 (1986), 235-275.

"Cyclical Unemployment: Sectoral Shifts or Aggregate Disturbances?" with K. Abraham, *Journal of Political Economy*, 94 (June 1986), 507-22.

"Money Market Mutual Funds: An Experiment in Ad Hoc Deregulation," with K. Rosen, *Journal of Finance*, 38 (June 1983), 1011-17.

"Growth Management and Land Use Controls: The San Francisco Bay Area Experience," with K. Rosen, *Journal of the American Real Estate and Urban Economics Association*, 9 (Winter 1981), 321-44.

"Local Land-Use Regulation and Proposition 13," with S. Gabriel and J. Wolch, *Taxing and Spending*, 4 (Spring 1980), 73-81.

### **Shorter Papers, Comments, and Other Published Papers**

Comment on "Does the U.S. Tax Code Favor Automation?" by D. Acemoglu, A. Manera, and P. Restrepo, *Brookings Papers on Economic Activity*, 2020:1, 286-9.

"A Modern Safety Net," with J. Rothstein and M. Stynes, in O. Blanchard and D. Rodrik, eds., *Combating Inequality: Rethinking Policies to Reduce Inequality in Advanced Economies* (Cambridge, MA: MIT Press), 2020, 93-98.

"Response to 'The Moving to Opportunity Experiment: What Do Heterogeneous Estimates of the Effect of Moving Imply about Causes'" (with R. Chetty and N. Hendren), *Econ Journal Watch* 17 (September 2020), 299-304.

"Alan B. Krueger (1960-2019)," *Science* 364 (April 26, 2019), 334.

Comment on "The Transformation in Manufacturing and the Decline in U.S. Employment" by K. Charles, E. Hurst, and M. Schwartz, *NBER Macroeconomics Annual 2018*, 33 (2019), 373-9.

"Documenting Decline in U.S. Economic Mobility," with A. Krueger, *Science* 356 (April 28, 2017), 382-383.

Comment on "Where Have All the Workers Gone? An Inquiry into the Decline in the U.S. Labor Force Participation Rate" by A. Krueger, *Brookings Papers on Economic Activity*, 2017:2, 60-66.

"Expert Commentary: Intervention Timing and Treatment Effects Matter," in L. Richburg-Hayes et al., eds., *Nudging Change in Human Services*, OPRE-Report 2017-23 (Washington DC: U.S. Department of Health and Human Services), 2017, 42-43.

"Roland Fryer: 2015 John Bates Clark Medalist," *Journal of Economic Perspectives* 30 (Winter 2016), 207-24.

"Reducing Inequality: Neighborhood and School Interventions," *Focus* 31, no. 2 (Fall/Winter 2014-15), 12-17.

"Get a Liberal Arts B.A., not a Business B.A. for the Coming Artisan Economy," PBS Newshour Making SenSe, July 2014.

"America's Jobs Challenges and the Continuing Role of the U.S. Department of Labor," *ILR Review* 67(Spring 2014), 578-83.

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Comment on "What Do We Really Know About Changes in Wage Inequality?" by T. Lemieux, in K. Abraham, J. Spletzer, and M. Harper, eds., *Labor in the New Economy* (Chicago: University of Chicago Press), 2010, 59-62.

"The Future of Inequality: The Other Reason Education Matters So Much," with C. Goldin, *The Aspen Institute Congressional Program* 24, no. 4 (August 2009), 7-14.

"The Future of Inequality," with C. Goldin, *The Milken Institute Review* 11 (3<sup>rd</sup> Quarter 2009), 26-33.

Comment on "Trade and Wages Revisited" by P. Krugman, *Brookings Papers on Economic Activity*, 2008:1, 143-9.

Comment on "The Recent Decline in Labor Force Participation and its Implications for Potential Labor Supply," by S. Aaronson *et al.*, *Brookings Papers on Economic Activity*, 2006:1, 143-8.

Commentary in J. Heckman and A. Krueger, *Inequality in America: What Role for Human Capital Policies* (Cambridge: MIT Press), 2003, 269-79.

Comment on "Current Unemployment, Historically Contemplated," by C. Juhn, K.M. Murphy, and R. Topel, *Brookings Papers on Economic Activity*, 2002:1, 117-25.

Comment on "Educational Attainment as a Constraint on Economic Growth and Social Progress," by Y. Kodrzycki, in Y. Kodrzycki, editor, *Education in the 21<sup>st</sup> Century* (Boston: Federal Reserve Bank of Boston), 2002, 85-92.

"On the Pill: Changing the Course of Women's Education," with C. Goldin, *The Milken Institute Review* 3 (Second Quarter 2001), 12-21.

Comment on "Poverty and the Distribution of Economic Well-Being since the 1960s," by R. Haveman, in G. Perry and J. Tobin, eds., *Economic Events, Ideas, and Policies* (Washington: Brookings Institution), 2000, 290-93.

"New Trend in Unemployment? The High-Pressure U.S. Labor Market of the 1990s," with A. Krueger, *The Brookings Review*, Fall 1999, 4-8.

Comment on "Evidence on the High-Income Laffer Curve from Six Decades of Tax Reform," by A. Goolsbee, *Brookings Papers on Economic Activity*, 1999:2, 51-57.

"Commentary: The Distribution of Income in Industrialized Countries," in *Income Inequality: Issues and Policy Options* (Kansas City: Federal Reserve Bank of Kansas City), 1998, 33-48  
Comment on "Divergent Trends in Alternative Wage Series," by K. Abraham et al., in J. Haltiwanger, M. Manser, and R. Topel, eds., *Labor Statistics Measurement Issues* (Chicago: University of Chicago), 1998, 324-25.

Comment on "Hours Reduction as Work-Sharing," by J. Hunt, *Brookings Papers on Economic Activity*, 1998:1, 370-76.

"Education, the Wage Structure, and Technological Change: Learning About the Present through the Past," (with C. Goldin), *NBER Reporter*, Spring 1997, 15-19.

Comment on "Labor Supply Effects of State Maternity Leave Legislation," by J. Klerman and A. Liebowitz, in F. Blau and R. Ehrenberg, eds., *Gender and Family Issues in the Workplace* (New York: Russell Sage Foundation), 1997, 86-88.

"Shifts in Labor Demand and Supply," *New England Economic Review*, Special Issue on Earnings Inequality, May/June 1996, 179-81.

"Foreign Assets," An Interview with Lawrence Katz, *Audacity* 4 (Winter 1996), 14-23.

"Labor's Past and Future," *Challenge* 37 (September-October 1994): 18-25.

Comment on "The Growth of Earnings Instability in the U.S. Labor Market," by P. Gottschalk and R. Moffitt, *Brookings Papers on Economic Activity*, 1994:2, 255-61.

"Commentary on 'Human Capital and Economic Growth' by Robert Barro," in *Policies for Long-Run Economic Growth* (Kansas City: Federal Reserve Bank of Kansas City), 1993, 217-24.

"Understanding Recent Changes in the Wage Structure," *NBER Reporter*, Winter 92/93, 10-15.

"Untouched by the Rising Tide," with D. Cutler, *The Brookings Review*, Winter 1992, 40-45.

Comment on "The Macroeconomic Impact of Flexible Labor Contracts," by S. Bentolila and G. Saint-Paul, *European Economic Review*, 36 (June 1992).

Comment on "Wage Dispersion Between and Within U.S. Manufacturing Plants, 1963-86," by S. Davis and J. Haltiwanger, *Brookings Papers on Economic Activity: Microeconomics*, 1991, 181-89.

"A Reinterpretation of the Role of Relative Supply Shifts," in M. Kosters, ed., *Workers and Their Wages: Changing Patterns in the United States* (Washington, D.C.: AEI), 1991, 104-106.

Comment on paper by J.D. Wilson, in A. Razin and J. Slemrod, eds., *Taxation in the Global Economy* (Chicago: U. of Chicago Press), 1990, 340-342.

Comment on papers by D. Mitchell and by M. Wachter and W. Carter, *Brookings Papers on Economic Activity*, (1989:2), 265-70.

"The Impact of International Trade on U.S. Industrial Labor Markets," in R. Freeman, ed., *Immigration, Trade, and the Labor Market*, NBER Summary Report, 1988, 22-28.

### **Selected Working Papers**

"The Incubator of Human Capital: The NBER and Rise of the Human Capital Paradigm," with C. Goldin, NBER Working Paper No. 26909, March 2020; revised June 2023.

"In Praise of Moderation: Suggestions for the Scope and Use of Pre-Analysis Plans for RCTs in Economics," with A. Banerjee, E. Duflo, A. Finkelstein, B. Olken, and A. Sautmann, NBER Working Paper No. 26993, April 2020.

"The Rise and Nature of Alternative Work Arrangements in the United States, 1995-2015," with A. Krueger, NBER Working Paper No. 22667, September 2016.

"Women Working Longer: Facts and Some Explanations," with C. Goldin, NBER Working Paper No. 22607, September 2016.

"Long-Term Neighborhood Effects on Low-Income Families: Evidence from Moving to Opportunity," with J. Ludwig, G. Duncan, L. Gennetian, R. Kessler, J. Kling, and L. Sanbonmatsu, NBER Working Paper No. 18772, February 2013.

"The Most Egalitarian of All Professions: Pharmacy and the Evolution of a Family-Friendly Occupation," with C. Goldin, NBER Working Paper No. 18410, 2012.

"The Career Cost of Family," with Claudia Goldin, December 2010.

"Unemployment in the Great Recession: Structural Problems and Policy Responses," February 2010.

"The Race Between Education and Technology: The Evolution of U.S. Educational Wage Differentials, 1890 to 2005," with C. Goldin, NBER WP #12984, March 2007; revised May 2009.

"Rising Wage Inequality: The Role of Composition and Prices," with D. Autor and M. Kearney, NBER Working Paper No. 11628, September 2005.

"Trends in U.S. Wage Inequality: A Re-Assessment of the Revisionists," with D. Autor and M. Kearney, NBER Working Paper No. 11627, September 2005.

"Beyond Treatment Effects: Estimating the Relationship Between Neighborhood Poverty and Individual Outcomes in the MTO Experiment," with J. Liebman and J. Kling, August 2004.

"Moving to Opportunity and Tranquility: Neighborhood Effects on Adult Economic Self-Sufficiency and Health from a Randomized Voucher Experiment," with J. Kling, J. Liebman, and L. Sanbonmatsu, May 2004.

"Youth Criminal Behavior in the Moving to Opportunity Experiment," with J. Kling and J. Ludwig, IR Section WP No. 482, Princeton University, March 2004.

"The 'Virtues' of the Past: Education in the First Hundred Years of the New Republic," with C. Goldin, NBER Working Paper No. 9958, September 2003.

"The Returns to Skill in the United States across the Twentieth Century," with C. Goldin, NBER Working Paper No. 7126, May 1999.

"Developing Skills," with M. Stanley and A. Krueger, Wiener Center H-98-02, October 1998.

"Reflections on Globalization, Technological Change and the Labor Market," May 1997.

"The Decline of Non-Competing Groups: Changes in the Premium to Education, 1890 to 1940," with C. Goldin, NBER Working Paper No. 5202, August 1995.

"Recent Developments in Labor Economics," AEA Meetings Lecture, January 1992.

"The Company You Keep: The Effects of Family and Neighborhood on Disadvantaged Youths," with A. Case, NBER Working Paper No. 3705, May 1991.

"Britain Divided: Hysteresis and the Regional Dimension of Britain's Unemployment Problem," with E. Balls and L. Summers, February 1991.

"Inter-Industry Wage Differences and Theories of Wage Determination," with W. Dickens, NBER Working Paper No. 2271, June 1987 (revised August 1988)

"Layoffs, Recalls and the Duration of Unemployment," NBER WP No. 1825, January 1986.

### **Honors, Awards, and Fellowships**

Elected, President-Elect, American Economic Association, 2024.

Jacob Mincer Award for Lifetime Achievements in Labor Economics, Society of Labor Economists, 2022.

IZA Prize in Labor Economics, 2020

Elected, Vice President, American Economic Association, 2019.

Member, National Academy of Sciences, 2014-.

President, Society of Labor Economists, 2013-14.

Fellow, American Academy of Political and Social Sciences, 2012-.

Elected, John Kenneth Galbraith Fellow of the American Academy of Political and Social Sciences, 2012.

Elected Second Vice President, First Vice President, and President-Elect, Society of Labor Economists, 2010-13.

Elected, Executive Board, Society of Labor Economists, 2010-14.

Susan C. Eaton Scholar-Practitioner Award of the Labor and Employment Relations Association, 2009.

Richard A. Lester Prize for the Outstanding Book in Labor Economics and Industrial Relations of 2009 for *The Race between Education and Technology* (with C. Goldin).

R.R. Hawkins Award of the American Association of Publishers for the Outstanding Professional, Reference and Scholarly Work of 2008 for *The Race between Education and Technology* (with C. Goldin), Harvard University Press.

Radcliffe Institute for Advanced Studies, Fellow, 2005-6.  
Fellow, Society of Labor Economists, 2005-.  
Fellow, American Academy of Arts and Sciences, 2001-.  
Harvard Graduate Student Council Excellence in Mentoring Award, Inaugural Award, 1999.  
Bogen Visiting Professor of Economics, Hebrew University of Jerusalem, Spring 1999.  
Russell Sage Foundation, Visiting Scholar Fellowship, 1997-98.  
Fellow, Econometric Society, 1993-.  
Global Leader of Tomorrow, World Economic Forum, Inaugural Class, 1993.  
H. Gregg Lewis Prize for the best article in *Journal of Labor Economics* for "Layoffs and Lemons," (with R. Gibbons), 1993.  
NBER Olin Fellowship in Economics, 1988-89.  
National Science Foundation Graduate Fellowship, 1981-84.  
Departmental Citation in Economics, University of California, Berkeley, 1981.

### **Selected Public Lectures and Addresses**

Keynote Address, NBER Economic Mobility Virtual Conference, "Neighborhood and Place Effects: Lessons from Field Experiments and Quasi-Experiments," October 2020.  
Keynote Address, Advances in Field Experiments Virtual Conference, University of Chicago, "Neighborhood Effects: Lessons from Field Experiments," September 2020.  
Tinbergen Lecture, Royal Netherlands Economics Association and De Nederlandsche Bank, "Extending the Race between Education and Technology," Amsterdam, November 2019.  
Yates Lecture, Murphy Institute, Tulane University, "Understanding Long-Run Changes in the U.S. Wage Structure," March 2015.  
Adam Smith Lecturer, European Association of Labor Economists, "Understanding Long-Run Changes in the Wage Structure," September 2014.  
Arrow Lecturer, Stanford University, "Rising Inequality, Neighborhoods, and Schools," May 2014.  
Robert J. Lampman Memorial Lecture, University of Wisconsin, Madison, "Neighborhoods vs. Schools," April 2014.  
Presidential Address, Society of Labor Economists Annual Meetings, "Neighborhoods vs. Schools," May 2013.  
Birger Lecturer, Tufts University, "Do Neighborhoods Matter for Disadvantaged Families? The Long-Term Impacts of Moving to Opportunity," 2012.  
Albert Rees Lecturer, Society of Labor Economists Annual Meetings, "Narrowing, Widening, Polarizing: The Evolution of the U.S. Wage Structure," 2006.  
American Economic Association Annual Meetings, Invited Lecture, "Recent Developments in Labor Economics," 1992.

### **Research Grants and Contracts**

WorkRise Grant, "A Randomized Controlled Trial of the Pursuit Fellowship," with D. Autor and M. Notowidigdo, 2021-23.  
  
Bill and Melinda Gates Foundation Grant, "J-PAL North America Work of the Future Initiative," with D. Autor and M. Notowidigdo, 2019-2022.  
  
Alfred P. Sloan Foundation Grants, "J-PAL North America Core Support," with A. Finkelstein, 2013-22.

Laura and John Arnold Foundation Grant, "J-PAL North America and U.S. Health Care Delivery Initiative," with A. Finkelstein, 2013-2020.

Alfred P. Sloan Foundation Grant, "Women Working Longer: College Women from Graduation to Retirement," with C. Goldin, 2013-16.

U.S. Department of Housing and Urban Development Contract, Principal Investigator, "Final Impact Evaluation of the Moving to Opportunity Program," 2006-1

Mellon Foundation Grant, "Transitions: Career and Family in the Life Cycles of College Men and Women," with C. Goldin, 2005-10.

NSF, NICHD, NIMH, NIA, Russell Sage Foundation, Smith Richardson Foundation, W.T. Grant Foundation, and MacArthur Foundation Grants, with J. Ludwig, J. Kling, J. Liebman, G. Duncan, R. Kessler, and L. Sanbonmatsu, "Understanding the Effects of High-Poverty Neighborhoods on Youths, Children, and Families," 2000-2017.

Spencer Foundation Grant, "The Race Between Technology and Education: Relationships Between the Economy and Human Capital in U.S. History," with C. Goldin, 2001-2004.

U.S. Department of Housing and Urban Development Grant, "Who Benefits from MTO? Changing Opportunities for Boston Families," with J. Kling and J. Liebman, 1995-2000.

National Science Foundation Research Grants, Principal Investigator:  
"Education, Technology, and the Wage Structure: Human Capital and the Economy during the Past Century," with C. Goldin, 1996-2000.  
"Empirical and Theoretical Models of Earnings and Employment," with R. Gibbons, 1990-92.  
"Empirical and Theoretical Studies of Wages, Mobility, and Bargaining," with R. Gibbons, 1988-90.

Ford Foundation Grant, Comparative Labor Market Institutions, co-principal investigator and organizer of NBER project on "Differences and Changes in Wage Structures," 1991-94.

U.S. Dept. of Labor Research Contract, "Sectoral Change and Worker Displacement," with S. Davis, K. Murphy, and R. Topel, 1988-90.

Russell Sage Foundation Grant, "The Job Market Performance and Social Conditions of Disadvantaged Youths" (with R. Freeman), 1988-90.

### **Other Professional Positions and Activities**

Member, Board of Directors, MDRC, 2009-.

Member, Board of Trustees, Russell Sage Foundation, 2009-19.

Director, Lab for Economic Applications and Policy, Harvard University, 2015-.

Member, Advisory Council, The Hamilton Project, 2010-.

Vice President, American Economic Association, 2019.

Chair, AEA Search Committee for Editor of the *American Economic Review*, 2021.

Chair, Oversight Committee for the Registry of Randomized Control Trials, American Economic Association, 2012-.

Member, Nomination Committee, American Economic Association, 2020.

Member, Advisory Board, Opportunity and Exclusive Growth Institute, Federal Reserve Bank of Minneapolis, 2017-.

Liaison from the National Academy of Sciences Section 54 (Economics) to the National Research Council, 2018-.

Member, Committee on Automation and the U.S. Workforce, NASEM, 2022-.

Chair, Jacob Mincer Award Committee, Society of Labor Economists, 2023.

Chair, Sherwin Rosen Prize in Labor Economics Committee, Society of Labor Economists, 2020.

Member, Research Advisory Board, Washington Center for Equitable Growth, 2013-.

Member, U.S. Partnership on Mobility from Poverty, 2016-2018.

Member, Committee on Honors and Awards, American Economic Association, 2014-17.

Member, Harvard FAS Committee on Appointments and Promotions (CAP), 2014-16.

Chair, Faculty & Research Sub-Committee, Harvard Kennedy School Visiting Committee, 2006-16.

Member, Visiting Committee, Harvard Kennedy School, 2004-16.

Member, Panel of Economic Advisers, Congressional Budget Office, 2004-16.

Member, Inclusive Prosperity Commission, Center for American Progress, 2013-15.

Program Meeting & Summer Institute Organizer, NBER Labor Studies Program, 1986-2008.

Elected Member, Executive Committee, American Economic Association, 2006-8.

Member, Advisory Committee on Editorial Appointments, American Economic Association, 2006-9; Chair of the Committee for 2008.

Member, AEA Editorial Search Committees for AEJ: Applied Economics, 2006, 2019; Journal of Economic Perspectives, 2008; Journal of Economic Literature, 2009.

Member, Standing Committee for Oversight of Operations and Publishing, American Economic Association, 2009-10.

Member, Program Committee, 2006, 2013, and 2020 American Economic Association Meetings.

Member, Committee on Analyzing the U.S. Content of Imports and Foreign Content of Exports, National Academy of Sciences, 2004-6.

Co-Chair, Concentrations Working Group, Harvard FAS Curricular Review, 2003-4.

Member, Steering Committee, Harvard FAS Curricular Review, 2003-4.

Chair, Awards Committee, Society of Labor Economists, 2003-4.

Mediator, Harvard University and Local 26 UNITE-HERE Strike and Negotiations, 2016.

Mediator, Harvard University and HUCTW Contract Negotiations and Relationship, 2013-23.

Member, University Joint Council, Harvard University and HUCTW, 2002-9.

Chair, Harvard Committee on Employment and Contracting Policies, 2001-2.

Member, Presidential Advisory Committee on Expanding Training Opportunities, 2000-2004.

Member, Academic Advisory Council, Federal Reserve Bank of Boston, 1999-.

Member, External Advisory Board, Joint Center for Poverty Research, 1998-2002.

Member, Executive Committee, Multidisciplinary Program on Inequality and Social Policy, Harvard University, 1998-.

Member, Executive Committee, Conference on Research on Income and Wealth, 1996-2009.

Member, National Advisory Committee, IRP, University of Wisconsin, 1995-96.

### **Selected Current Research**

"Creating Moves to Opportunity: Housing and Neighborhood Mobility Policies" with P. Bergman,

R. Chetty, S. DeLuca, N. Hendren, and C. Palmer.

"Evaluating the Impacts of Place-Based Policies" with R. Chetty, R. Diamond, M. Staiger, and L. Tach.

"Paycheck Plus: Evaluation of Expanded Earned Income Tax Credit for Low-Income Adults without Dependent Children in New York City and Atlanta" with C. Miller and A. Isen.

"Evaluating Mobility Mentoring: The EMPATH AMP UP RCT in Boston" with E. Engle and J. Tebes.

"A Randomized Controlled Trial of the Pursuit Fellowship" with D. Autor and M. Notowidigdo.

"Harvard & Beyond Study: Career and Family for Harvard/Radcliffe Students" with C. Goldin.

## **Reports**

*Increasing the Earned Income Tax Credit for Childless Workers: A Synthesis of Findings from the Paycheck Plus Demonstration*, with C. Miller and A. Isen, MDRC, June 2022.

*An Earned Income Tax Credit that Works for Singles: Final Impact Findings from the Paycheck Plus Demonstration in Atlanta*, with E. Yang, A. Bernardi, R. Metz, C. Miller, and A. Isen, MDRC, OPRE Report 2022-54, March 2022.

*A More Generous Earned Income Tax Credit for Singles: Interim Findings from the Paycheck Plus Demonstration in Atlanta*, with C. Miller, E. Yang, A. Bernardi, A. Isen, and K. Alois, MDRC, February 2020.

*Boosting the Earned Income Tax Credit for Singles: Final Impact Findings from the Paycheck Plus Demonstration in New York City*, with C. Miller, G. Azurdia, A. Isen, C. Schultz, and K. Aloisi, MDRC, September 2018.

*Imagining a Future of Work That Fosters Mobility for All*, with A. Poo and E. Waxman, US Partnership on Mobility from Poverty, February 2018.

*Expanding the Earned Income Tax Credit for Workers Without Dependent Children: Interim Findings from the Paycheck Plus Demonstration in New York City*, with C. Miller, G. Azurdia, A. Isen, and C. Schultz, MDRC, September 2017.

*Moving to Opportunity for Fair Housing Demonstration Program: Final Impacts Evaluation*, with L. Sanbonmatsu, J. Ludwig, L. Gennetian, G. Duncan, R. Kessler, E. Adam, T. McDade, and S. Lindau, U.S. Department of Housing and Urban Development, PD&R, October 2011.

*Analyzing the U.S. Content of Imports and Foreign Content of Exports*, as member of NAS Committee on Analyzing the U.S. Content of Imports and Foreign Content of Exports, National Research Council, The National Academies Press, 2006.

*Moving to Opportunity for Fair Housing Demonstration Program: Interim Impacts Evaluation*, with L. Orr, J. Feins, R. Jacob, E. Beecroft, L. Sanbonmatsu, J. Liebman, and J. Kling, U.S. Department of Housing and Urban Development, PD&R, September 2003.

*Lower-Paid Workers at Harvard University*, Final Report of the Harvard Committee on Employment and Contracting Policies, December 2001; served as committee chair.

"The Early Impacts of Moving to Opportunity in Boston: Final Report to the U.S. Department of Housing and Urban Development," with J. Kling and J. Liebman, February 2000.

*Developing Skills: What We Know About the Impact of American Employment and Training Programs on Employment, Earnings, and Educational Outcomes*, with M. Stanley and A. Krueger, Report to G8 Economic Summit, October 1998.

*What's Working (and What's Not): A Summary of Research on the Economic Impacts of Employment and Training Programs*, with M. Stanley, A. Krueger, and I. Shapiro, U.S. Department of Labor, Office of the Chief Economist, 1995.

"Sectoral Change and Worker Displacement," with R. Topel, K. Murphy and S. Davis, U.S. Department of Labor Report, March 1990.

### **Testimony**

"Long-Term Unemployment in the Great Recession," testimony before the Joint Economic Committee of the Congress of the United States, April 29, 2010.

"Lessons from Evaluations of the Economic Impacts of Employment and Training Programs," testimony before the House Committee on Economic Opportunities and Education, Feb. 7, 1995.

"Lessons from Evaluations of Government Training Programs," testimony before the Labor and Human Resources Committee of the U.S. Senate, March 10, 1994.

"The Labor Market and the Disadvantaged," testimony before the Ways and Means Committee of the U.S. House of Representatives, December 7, 1993.

"Immigration Issues and the North American Free Trade Agreement," testimony before the Judiciary Committee of the House of Representatives, Nov. 1993.

"Creating High-Wage Jobs in a Global Economy," testimony before the Joint Economic Committee of the Congress of the United States, September 1992.