

# **Robert H. Topel**

## **CURRICULUM VITAE**

**September 2019**

### **CURRENT POSITIONS**

*Isidore Brown and Gladys J. Brown Distinguished Service Professor of Economics,*  
Booth School of Business, The University of Chicago  
*Co-Director, Energy Policy Institute at Chicago (EPIC)*  
*Research Associate, National Bureau of Economic Research*

### **EDUCATION**

B.A. (with High Honors), University of California, Santa Barbara, 1974  
Ph.D., University of California, Los Angeles, 1980

### **FIELDS OF SPECIALIZATION**

Microeconomics, Labor Economics, Industrial Organization, Health Economics,  
Economic Policy, Energy Economics, National Security Economics

### **PREVIOUS ACADEMIC POSITIONS**

*Professor of Economics, Graduate School of Business, University of Chicago, 1986-93*  
*Kirby Distinguished Visiting Professor of Economics, Texas A&M University, 2006*  
*Professor of Economics, Department of Economics, University of California, Los Angeles, 1986*  
*Associate Professor of Economics, Department of Economics, University of California, Los Angeles, 1985-86*  
*Associate Professor of Economics, Graduate School of Business, University of Chicago, 1983-85*  
*Assistant Professor of Economics, Department of Economics, University of Chicago, 1980-83*

### **OTHER AFFILIATIONS**

*Research Associate, National Bureau of Economic Research, 1984-present*  
*Senior Fellow, The Milken Institute, 1999-present*  
*Faculty Member, MacLean Center for Clinical Medical Ethics, The University of Chicago, 2000-present*  
*Member, National Petroleum Council Taskforce on Transportation Fuels Supply and Infrastructure, 2010-2012*  
*Fellow, Center for the Study of Poverty and Inequality, Stanford University, 2006-present*  
*Member, Brookings Panel on Economic Activity, various years*

*Member*, Hoover Institution Working Group on the Rule of Law, 2018-present  
*Visiting Scholar*, Board of Governors of the Federal Reserve, 1990  
*Research Associate*, Economics Research Center, NORC, 1980—1990  
*Consulting Economist*, The Rand Corporation, 1982—1989  
*Research Associate*, Center for the Study of the Economy and the State, 1980—present  
*Faculty Research Fellow*, National Bureau of Economic Research, 1981-83  
*Research Economist*, Unicon Corporation, 1981-88  
*Consultant*, U.S. Department of Labor, 1985-90  
*Founding Partner*, Chicago Partners LLC 1994-2008  
*Principal & Managing Director*, Navigant Economics, 2008-2013  
*Board of Directors*, Ingalls Hospitals and Ingalls Health Service, 2000-2012  
*Director*, WGA Evans Scholars Foundation, 2011-present  
*Senior Consultant*, Charles River Associates, 2013-present

## **EDITORIAL POSITIONS**

Editor, *Journal of Political Economy*, 1993-2003  
Board of Editors, *American Economic Review*, 1992-94  
Associate Editor, *Journal of Labor Economics*, 1982-92  
Editorial Board, *International Journal of the Economics of Business*, 1993-present  
Member of the Advisory Board, ERN Labor Journals, 1998-present

## **HONORS & AWARDS**

*Kenneth J. Arrow Award*, International Health Economics Association, 2007  
*Kirby Distinguished Visiting Professor*, Texas A&M University, 2006  
*Research America Eugene Garfield Prize for Medical and Health Research*, 2005  
*Elected Fellow*, Society of Labor Economists, 2004  
*Elected Member*, Conference on Research in Income and Wealth  
*Elected Founding Member*, National Academy of Social Insurance  
*William Ladany Research Scholar*, The University of Chicago, 1989-91  
*William Fishman Research Scholar*, The University of Chicago, 1986-87  
*Smith Richardson Dissertation Fellowship in Political Economy*, 1978-79  
*Foundation for Research in Economics and Education Fellowships*, 1975-79  
*Chancellor's Intern Fellow*, University of California, Los Angeles, 1975-79  
*University Fellow*, Northwestern University, 1975  
*General Electric Dissertation Fellowship*, 1978

## **TEACHING EXPERIENCE**

Graduate Economic Theory I, II, III  
Law, Economics and Business  
Energy Policy  
Competitive Strategy  
Advanced Topics in Labor Economics  
Advanced Topics in Microeconomics  
Managing the Workplace  
Industrial Organization/Antitrust

Price Theory

## **OTHER PROFESSIONAL ACTIVITIES**

*Thompson Lecture* (Keynote Address), Midwest Economic Association, 2000  
*Nominating Committee*, American Economic Association, 1996, 1997  
*Program Committee*, American Economic Association, 2006-2007  
*Organizer*, Universities-NBER Research Conference: "Labor Markets in the 1990s," Cambridge, December 1989  
*Program Chair*, Labor Economics, Econometric Society Meetings, December 1989  
National Science Foundation Review Panel in Economics, 1998, 1999  
*Inaugural Keynote Lecture*, Missouri Economics Conference, University of Missouri, 2001  
*Pihl Lecturer*, Wayne State University, November, 2004  
*Keynote Address*, Federal Reserve Bank of Cleveland Conference on Education and Economic Development, November, 2004  
*Kirby Lecturer*, Texas A&M University, 2006  
*Huggins Lecturer*, Department of Surgery Huggins Conference, The University of Chicago, May, 2007  
*Keynote Address*, Conference Board of Canada Conference on Medical Research, Montreal, January 2009  
*Keynote Address*, Council on Competitiveness Conference on Energy Policy, Argonne National Laboratory, May 2009  
*Keynote Address*, The University of Chicago/RFF/University of Illinois Conference on *Energy Policy and the Economy*, Washington, D.C., January 2010  
*Keynote Address*, Humana Health Economics Forum, Santa Fe Institute, 2011  
*Keynote Address*, Toyota Sustainability Conference, La Jolla, 2011  
*Keynote Address*, Conference on Health Policy, Arizona State University, 2013

## **UNIVERSITY SERVICE**

Director, Undergraduate Program in Economics, 1980-83  
Chairman, Graduate School of Business Curriculum Review, 1990-91  
Committee on Graduate Education, 1992-94  
Committee on Undergraduate Education, 1993-94  
Council of the University Senate, 1992-94, 1995-97, 1999-2002, 2004-07, 2010-13  
Committee of the Council of the University Senate, 2000-02, 2006-07  
Chairman, Council of the University Senate Committee to Review and Interpret the University Statutes, 2012-13  
Graduate School of Business Policy Committee, 1995-97, 1999-2001  
Member, Presidential Search Committee, 1999-2000  
Board of Directors, The University of Chicago Laboratory Schools, 1986-92, 1998-2007  
Chairman, Director Search Committee, The University of Chicago Laboratory Schools, 2002-2003  
Area Coordinator, PhD Program in Economics, 2002-2008  
Director, George J. Stigler Center for the Study of the Economy & the State, 2007-2015  
Director, The University of Chicago Energy Initiative, 2008-2010  
Founding Co-Director, Energy Policy Institute at Chicago, 2010-present

## **BIBLIOGRAPHY**

### ***Books:***

*The Welfare State in Transition*, with Richard Freeman and Birgitta Swedenborg. Chicago: The University of Chicago Press for NBER, 1997.

*Labor Market Data and Measurement*, with John Haltiwanger and Marilyn Manser. Chicago: The University of Chicago Press for NBER, 1998.

*Välfärdsstat i omvandling: Amerikanskt Perspektiv på den Svenska Modelten*, with Richard Freeman and Birgitta Swedenborg. Författarna och SNS Förlag, 1995.

*Measuring the Gains from Medical Research: An Economic Approach*, with Kevin M. Murphy. Chicago: The University of Chicago Press (2003).

*Reforming the Welfare State: Recovery and Beyond in Sweden*, with Richard Freeman and Birgitta Swedenborg, Chicago, The University of Chicago Press for NBER, 2009.

*Att Reformera Välfärdsstaten*, with Richard Freeman and Birgitta Swedenborg, SNS Förlag, Stockholm, 2006.

*Distributional Aspects of Energy and Climate Policy*, ed. with Mark Cohen and Don Fullerton, Special Issue of the BE Journal of Economic Analysis and Policy, Spring 2011. Also, Edward Elgar Publishing, Surrey, UK, 2013.

### ***Articles and Monographs:***

“Layoffs, Inventories, and the Demand for Labor,” Ph.D. Dissertation, University of California, Los Angeles, December 1980.

“Unemployment Insurance: Survey and Extensions” (with F. Welch), *Economica* **47** (August 1980): 351-79.

“Inventory Adjustments, Industry Behavior, and the Business Cycle” (with A. Stockman), presented at the NBER Conference on Inventories and Business Cycles, March 1980.

“Inventories, Layoffs, and the Short-Run Demand for Labor,” *American Economic Review* (September 1982): 769-87.

“Experience Rating of Unemployment Insurance and the Incidence of Unemployment,” *Journal of Law and Economics* (April 1984): 61-90.

“On Layoffs and Unemployment Insurance,” *American Economic Review* (September 1983): 541-59.

“Equilibrium Earnings, Turnover, and Unemployment: New Evidence,” *Journal of Labor Economics* (October 1984): 500-22.

“Local Labor Markets,” Presented at Hoover Institution Conference on Labor Markets, January 1983. *Journal of Political Economy* **94** (June 1986, part 2): 111-43.

“Estimation and Inference in ‘Two-Step’ Econometric Models” (with K. M. Murphy), *Journal of Business and Economic Statistics* **3** (October 1985): 370-80.

“Employment Risk, Sectoral Shifts, and Unemployment,” (with G. Neumann), in *Studies in Search*, ed. N. M. Kiefer and G. R. Neumann. Oxford: Oxford University Press, 1989.

“Unemployment and Unemployment Insurance,” *Research in Labor Economics* **7** (1985): 91-135.

“Efficient Labor Contracts with Employment Risk” (with F. Welch), *Rand Journal of Economics* **17** (Winter 1986): 490-507.

“Financing Unemployment Insurance: History, Incentives, and Reform,” in *Unemployment Insurance: The Second Half Century*, ed. W. Lee Hansen and J. Byers. University of Wisconsin Press, 1990.

“Sectoral Uncertainty and Unemployment” (with L. Weiss), UCLA Department of Economics Working Paper No. 384, September 1985, in *Employment, Unemployment, and Labor Utilization*, ed. R. A. Hart. Boston: Allen & Unwin, 1988.

“The Housing Market in the United States” (with S. Rosen), *Journal of Political Economy* (August 1988): 718-40.

“What They Say or What They Do? The Use of Survey Data in Predicting Behavior” (with K. M. Murphy), Graduate School of Business, The University of Chicago, March 1985.

“Unemployment, Risk and Earnings: Theory and Evidence from a Model of Equalizing Wage Differentials” (with K. M. Murphy), in *Unemployment and the Structure of Labor Markets*, ed. J. Leonard and K. Lang. London: Basil Blackwell, 1986, pp. 103-140.

“Job Mobility, Search, and Earnings Growth: A Reinterpretation of Human Capital Earnings Functions,” *Research in Labor Economics* **8** (1986): 199-233. Reprinted in *Research in Labor Economics 35<sup>th</sup> Anniversary Retrospective, 2012, 401-435*.

“The Evolution of Unemployment in the United States: 1968-1985” (with K. M. Murphy), *The NBER Macroeconomics Annual*, vol. 2, 1987, pp. 7-58.

“The Impact of Immigration on the Labor Market,” in *Immigration, Trade, and the Labor Market*, ed. R. Freeman. University of Chicago Press for NBER, 1988.

- “Efficiency Wages Reconsidered: Theory and Evidence” (with K. M. Murphy), in *Advances in the Theory and Measurement of Unemployment*, pp. 204-40. Edited by Yoram Weiss and Gideon Fishelson. London: Macmillan, 1990.
- “Labor Market Adjustments to Increased Immigration,” (with R. LaLonde), in *Immigration, Trade, and the Labor Market*, ed. R. Freeman. University of Chicago Press for NBER, 1989.
- “Job Mobility and the Careers of Young Men” (with M. P. Ward), *Quarterly Journal of Economics* 107 (May 1992): 441-79.
- “Employment Risk, Diversification, and Unemployment,” (with George Neumann) *Quarterly Journal of Economics* (November 1991): 1341-1365.
- “Specific Capital, Mobility, and Wages: Wages Rise with Job Seniority,” *Journal of Political Economy* 99 (February 1991): 145-76. Reprinted in *Outstanding Contributions in Labor Economics*, ed. Orley Ashenfelter, Worth Publishers, 1999: 162-192.
- “Specific Capital and Unemployment: Measuring the Costs and Consequences of Worker Displacement.” *Carnegie-Rochester Series on Public Policy* 33 (1990): 181-214.
- “The Assimilation of Immigrants in the United States: Immigrant Quality and the Changing Price of Skills,” In *Immigration and the Work Force: Economic Consequences for the United States and Source Areas*, ed. G. Borjas and R. Freeman. Chicago: University of Chicago Press for NBER, 1992.
- “Trends in the American Labor Market,” *GSB Chicago*, vol. 12, no. 2, Winter 1990, pp. 11-16.
- “Why Has the Natural Rate of Unemployment Increased over Time?” (with K. Murphy and C. Juhn), *Brookings Papers on Economic Activity* 2 (1991), pp. 75-142.
- “Immigrant Quality and Assimilation in the American Labor Market” (with R. LaLonde), *American Economic Review*, 81 (May 1991): 297-302.
- “Unemployment and Insurance,” in *Proceedings of National Academy of Social Insurance*, 1992.
- “Labor Markets and Economic Growth: Lessons from Korea’s Industrialization, 1970-1990” (with D. Kim), *Differences and Changes in Wage Structures*, ed. Richard Freeman and Larry Katz (Chicago: The University of Chicago Press for NBER, 1995).
- “Wage Inequality and Regional Labor Market Performance in the United States,” *Labour Market and Economic Performance: Europe, Japan, and the USA*, ed. Toshiaki Tachibanaki (New York: St. Martin’s Press, 1994).
- “Discretion and Bias in Performance Evaluation” (with C. Prendergast), *European Economic Review* 36 (June 1993): 355-65.

“What Have We Learned from Empirical Studies of Unemployment and Turnover?” *American Economic Review*, 83 (May 1993): 110-115.

“Regional Labor Markets and the Determinants of Wage Inequality,” *American Economic Review*, 84 (May 1994): 17-22.

“Ekonomiska problem i Sveriges välfärdsstat -- inledning, sammanfattning och slutsatser,” with Richard B. Freeman and Birgitta Swedenborg. In *Välfärdsstat i omvandling: Amerikanskt Perspektiv på den Svenska Modelten*, with Richard Freeman and Birgitta Swedenborg. Författarna och SNS Förlag, 1995.

“Lönepolitik och strukturomvandling,” with Per-Anders Edin. In *Välfärdsstat i omvandling: Amerikanskt Perspektiv på den Svenska Modelten*, with Richard Freeman and Birgitta Swedenborg. Författarna och SNS Förlag, 1995.

“Favoritism in Organizations” (with C. Prendergast), *Journal of Political Economy* **104** (October 1996): 958-78.

“In Celebration of Armen Alchian’s 80<sup>th</sup> Birthday: Living and Breathing Economics” (with Armen A. Alchian, James M. Buchanan, Harold Demsetz, Axel Leijonhufvud, John R. Lott, Jr., and William F. Sharpe), *Economic Inquiry*, Vol. XXXIV, July 1996, 412-426.

“Another Look at Labor Market Adjustments to Increased Immigration” (with J. Hojvat-Gallin and R. LaLonde), 1996.

“Economic Impact of International Migration and the Economic Performance of Migrants,” (with R. LaLonde), in *Handbook of Population and Family Economics*, ed. Mark R. Rosenzweig and Oded Stark (Amsterdam: North-Holland, 1997), pp. 799-850.

“Economic Troubles in Sweden's Welfare State,” in *The Welfare State in Transition*, ed. Richard Freeman, Robert Topel, and Birgitta Swedenborg. Chicago: The University of Chicago Press for NBER, 1997.

“Wage Policy and Restructuring: The Swedish Labor Market Since 1960” (with Per-Anders Edin), in *The Welfare State in Transition*, ed. Richard Freeman, Robert Topel, and Birgitta Swedenborg. Chicago: The University of Chicago Press for NBER, 1997.

“Unemployment and Nonemployment” (with Kevin M. Murphy), *American Economic Review* 87 (May 1997): 295-300.

“Factor Proportions and Relative Wages: The Supply Side Determinants of Wage Inequality,” *Journal of Economic Perspectives* 11 (Spring 1997): 55-74.

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“Medical Research: What's It Worth?” (with K. M. Murphy), *Milken Institute Review: A Journal of Economic Policy* (First Quarter 2000): 23-30.

“Entry, Product Design, and Pricing in an Initially Monopolized Market” (with S. Davis and K. M. Murphy), The University of Chicago GSB, September 2001, revised January, 2003, *Journal of Political Economy*, vol. 112 no. 1, pt. 2, February, 2004, pp 188-225.

“Adverse Price Effects of Entry in Markets with Few Firms” (with Steven J. Davis and Kevin M. Murphy), Working Paper, The University of Chicago, April 2001.

“The Economic Value of Medical Research” (with Kevin M. Murphy), in *Measuring the Gains from Medical Research: An Economic Approach*, edited by Kevin M. Murphy and Robert H. Topel. Chicago: The University of Chicago Press, 2003, pp 41-73.

“Current Unemployment, Historically Contemplated” (with Kevin M. Murphy and Chinhui Juhn), *Brookings Papers on Economic Activity* 1. Washington, D.C.: The Brookings Institution, 2002.

“Estimation and Inference in Two-Step Econometric Models” (with K.M. Murphy), *Journal of Business and Economic Statistics*, 20, issue 1, 2002: 88-97 (reprint: 20<sup>th</sup> Anniversary issue of the most important contributions published in *JBES*).

“Labor Markets in the United States and Korea: Factor Proportions, Inequality, and Unemployment” in *Macroeconomic Implications of Post-Crisis Structural Change*, L.J. Cho, D. Cho and Y.H. Kim, KDI press, 2005, pp 131-60.

“Diminishing Returns? Evidence on the Costs and Benefits of Improving Health” (with K.M. Murphy), November 2002, *Perspectives in Biology and Medicine*, volume 46, no. 3, (Summer, 2003): pp108-128.

“War In Iraq Versus Containment” (with S.J. Davis and K.M. Murphy), March 2006, *NBER Working Paper w12092*. “Addendum”, March 2008

“Black-White Differences in the Economic Value of Improving Health” (with K. M. Murphy). Presented at the National Institutes of Health Conference on Racial Disparities in Health Outcomes, December 2001. *Perspectives in Biology and Medicine*, Summer, 2004.

“The Value of Health and Longevity” (with K.M. Murphy), Revised March, 2005, *NBER Working Paper #11405*, June 2005. *Journal of Political Economy*, October 2006, pp 871-904. Winner of the 2005 *Eugene Garfield Economic Impact of Medical Research Award*, given by Research America. Winner of the 2007 *Kenneth J. Arrow Award*, given by the International Health Economics Association for the best paper in health economics published in 2006.



“The Private and Social Benefits of Education” (with Fabian Lange), *Handbook of the Economics of Education*, North-Holland, 2006.

“The Social Value of Education”, *Keynote Address, Federal Reserve Bank of Cleveland Conference on Education and Economic Development, November 2004*, in *Education and Economic Development*, Federal Reserve Bank of Cleveland Economic Review, 2004, pp 47-58.

“On Human Capital and Economic Growth” (with Fabian Lange), Working Paper, The University of Chicago, September, 2005.

“Äterhämtning och terstaende problem I den svenska valfärdsstaten—inlending, sammanfattning och slutsatser” in *Att Reformera Valfärdsstaten*, with Richard Freeman and Birgitta Swedenborg, SNS Förlag, Stockholm, 2006, 9-34.

”Forandrade forutsättningar for svensk lonebildning” (with Peter Fredriksson), in *Att Reformera Valfärdsstaten*, with Richard Freeman and Birgitta Swedenborg, SNS Förlag, Stockholm, 2006, 65-82.

”War in Iraq versus Containment” (with Steven J. Davis and Kevin M. Murphy), for CESifo Conference “*Guns and Butter: The Economic Causes and Consequences of Conflict*”, Munich, December 2005, February, 2006.

“Social Value and the Speed of Innovation” (with Kevin M. Murphy), *American Economic Review*, May, 2007.

“Unemployment,”, *The New Palgrave of Economics*, 2008.

“Critical Loss Analysis in the Whole Foods Case”, *Global Competition Policy*, March, 2008, @ <http://www.globalcompetitionpolicy.org/index.php?&id=949&action=907>.

“Wage Determination and Employment in Sweden Since 1990” (with Peter Fredriksson), Working Paper, The University of Chicago and Uppsala University, August, 2006, revised December, 2008, in *Recovery and Beyond: Reforming the Welfare State in Sweden*, Richard Freeman, Birgitta Swedenborg and Robert Topel, eds., The University of Chicago Press for NBER, 2009.

“Reforming the Welfare State: Recovery and Beyond in Sweden” (with Richard Freeman and Birgitta Swedenborg), in *Recovery and Beyond: Reforming the Welfare State in Sweden*, Richard Freeman, Birgitta Swedenborg and Robert Topel, eds., The University of Chicago Press for NBER, 2009.

“On the Economics of Climate Policy” (with Gary S. Becker and Kevin M. Murphy), *BE Journal of Economic Analysis and Policy*, April 2011.

“Introduction to ‘Job Mobility Search and Earnings Growth, A Reinterpretation of Human Capital Earnings Functions”, *Research in Labor Economics 35<sup>th</sup> Anniversary Retrospective*, Emerald Group Publishing 2012, 397-400.

“Some Basic Economics of National Security” (with Kevin M. Murphy), *American Economic Review*, May 2013.

“Competitive Discounts and Antitrust Policy” (with Kevin. M. Murphy and Edward A. Snyder), *Oxford Handbook of Antitrust Economics*, 2015.

“Human Capital Investment, Inequality and Economic Growth” (with K. M. Murphy), *Journal of Labor Economics*, Volume 34, No. S2, Part 2, April 2016, 99-127

“Estimating the Social Value of a Prospective New Good: The Case of Hydrogen Fuel Cell Electric Vehicles”, *Proceedings of the Physics of Sustainable Energy IV (PSE-IV)*, Pushpalatha C. Bhat, George W. Crabtree & Robert H. Knapp Jr. (eds.), April 2017

“Health Economics”, *Journal of Political Economy*, 125, no. 6 (December 2017) 1868-1878

“Contractual Discounts and Competition: Interpreting Unilateral Conduct under Section 2 of the Sherman Act”, *International Journal of the Economics of Business*, 25:1, February 2018, 131-146

“*Agency, Activism and the Expansion of the Administrative State*”, Working Paper, University of Chicago, June 2019, presented at the Hoover Institution Conference on the Rule of Law, July 2019.

### **Selected Congressional & Agency Testimony and Presentations:**

“Unemployment and Insurance,” Testimony before the U.S. Senate Committee on Finance, April 23, 1991.

“The Economic Value of Medical Research,” Testimony before the U.S. Senate Committee on Health, Education, Labor, and Pensions, May 10, 2001.

“The Value of Improvements in Health and Longevity,” Presentation for Congressional Staff and the American Cancer Society, Washington, July, 2005.

“The Rising Value of Health: Implications for Basic and Applied Research”, *National Academies of Sciences’ Innovation Policy Forum*, December 2016

“Monopsony in Labor Markets”, *Federal Trade Commission Hearings on Monopsony in Labor Markets*, October 2018

### **Selected Reports:**

“Unemployment Insurance Financing and Unemployment: Empirical Investigation of Adverse Incentives,” Final Report, U.S. Department of Labor Contract No. B9M22046, November 1982.

“Unemployment and Unemployment Insurance,” Final Report, U.S. Department of Labor, ETA, May 1984.

“Local Labor Markets,” Final Report, U.S. Department of Labor, Office of the Assistant Secretary for Policy, March 1984.

“The Use of Survey Data in Predicting Behavior: The Case of Enlistment Intentions,” Final Report, U.S. Department of Defense, May 1985.

“Equalizing Wage Differences,” Final Report, U.S. Department of Labor, Office of the Assistant Secretary for Policy, August 1985.

“Sectoral Change and Worker Displacement,” Final Report, U.S. Department of Labor, Office of the Assistant Secretary for Policy, March 1990.

### **Book Reviews:**

*Employment Hazards* by W. Kip Viscusi. In *Journal of Economic Literature*, March 1982.

*Handbook of Labor Economics*, ed. O. Ashenfelter and R. Layard. In *Journal of Economic Literature*, 1988.

### **Selected Comments:**

“Comment on ‘Some Recent Developments in Labor Economics and Their Implications for Macroeconomics’,” *Journal of Money, Credit and Banking* **20** (August 1988, part 2).

“Comment on ‘Industry Rents: Evidence and Implications’,” (by Lawrence Summers and Lawrence Katz) *Brookings Papers on Economic Activity*, Brookings Institution, Washington, D.C., 1989.

“Comment on ‘Wage Dispersion between and within U.S. Manufacturing Plants’,” *Brookings Papers on Economic Activity*, 1991.

“Comment on ‘Why Is the U.S. Unemployment Rate So Much Lower?’” *NBER Macroeconomics Annual*, 1998, pp. 67-72.

“Comment on ‘Does Immigration Grease the Wheels of the Labor Market?’” by George J. Borjas. *Brookings Papers on Economic Activity*, edited by William C. Brainard and George L. Perry. Washington, D.C. Brookings Institution, 2001.

“Comment on ‘Where did the Productivity Growth Go? Inflation Dynamics and the Distribution of Income’” by Ian Dew-Becker and Robert J. Gordon. *Brookings Papers on Economic Activity*. edited by William C. Brainard and George L. Perry. Washington, D.C. Brookings Institution, 2005, 135-44.

