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PRINCIPAL CURRENT POSITIONS

Lawrence R. Klein Collegiate Professor of Economics, University of Michigan

Research Professor, Survey Research Center, University of Michigan

Research Associate, National Bureau of Economic Research

EDUCATION

B.A. *summa cum laude* with distinction in economics, Yale University, 1979

M.A. Yale University, 1979

Ph.D. Massachusetts Institute of Technology, 1984

EMPLOYMENT

Council of Economic Advisers  
Junior Staff Economist, 1979-1980

Yale University  
Assistant Professor of Economics and Research Staff, Cowles Foundation for Research  
Economics, 1984-1989

Council of Economic Advisers  
Senior Economist, 1993-1994

University of Michigan  
Economics Department, Lawrence R. Klein Collegiate Professor (2004-2014), Professor  
(since 1995), Chair (2003-2007), Associate Professor (1989-1995), Associate Chair  
(1991-1993)  
Survey Research Center, Research Professor/Senior Research Scientist (since 2000),  
Faculty Associate (1992-2000)  
Senior Advisor, Michigan Census Research Data Center (since 2002).

## EDITORIAL

### *American Economic Review*

Co-Editor, Nov 1996-Mar 2000

Board of Editors, 1993-1996, 2000-2002

### *Journal of Money, Credit and Banking*

Associate Editor, 1994-2001

### *Journal of Macroeconomics and Monetary Economics Abstracts*

Advisory Board, since 1996

Referee for journals, presses, and governmental agencies

## PROFESSIONAL AFFILIATIONS

National Bureau of Economic Research,

Research Associate, since 1994

Faculty Research Fellow, 1986-1994

Conference on Research in Income and Wealth, Executive Committee, since 1996

Brookings Panel on Economic Activity, 1986, 1989, 1996

Bureau of the Census, Special Sworn Status, 1995-1998, 2004-2009.

American Economic Association, Member

Econometric Society, Member

## GOVERNMENTAL AND PROFESSIONAL ADVISORY ACTIVITIES

American Economic Association Committee on Statistics, 2005-2010; chair, 2009-2010

Federal Reserve Bank of Chicago, Academic Advisory Council, since 1995

Federal Economic Statistics Advisory Committee (FESAC), 2003-2008; chair, 2006-2008

US Monetary Policy Forum, since 2007

Committee on National Statistics (CNSTAT), National Academy of Science-National Research Council, 1999-2002

Panel on Nonmarket Accounts, National Academy of Science-National Research Council, 2002-2004

Board of Governors of the Federal Reserve System, advisor on capacity utilization statistics, 1995-1996

#### VISITING APPOINTMENTS

National Bureau of Economic Research, Cambridge, MA, Olin Fellow, 1986-1987

Gadjah Mada University, Indonesia Second University Development Project, visiting scholar, February-March 1991

Board of Governors of the Federal Reserve System, visiting scholar, various

Federal Reserve Bank of Minneapolis, visiting scholar, September-December, 1995

Reserve Bank of New Zealand and Victoria University of Wellington, visiting professor, January-April, 2003

#### AWARDS AND HONORS

Phi Beta Kappa, 1978

Charles Herbert Dickerman Prize for the Outstanding Senior Essay in Economics, Yale University, 1979

Paul A. Samuelson Certificate of Excellence for Outstanding Scholarly Writing, Awarded by TIAA-CREF (jointly with R. Barsky, F.T. Juster, and M. Kimball), 1997.

University of Michigan, LSA Excellence in Research Award, 2000-2001.

Rackham Faculty Fellowship Enhancement Award, University of Michigan, 1991 and 2003.

#### FELLOWSHIPS

Lyndon Baines Johnson Fellowship, U.S. Congress, 1976.

National Science Foundation Graduate Fellowship, 1980-1983.

National Bureau of Economic Research-Olin Fellowship (in residence in Cambridge, MA), 1986-1987.

Alfred P. Sloan Fellowship, 1991-1993.

Professorial Fellowship in Monetary Economics, Reserve Bank of New Zealand/Victoria University of Wellington (in residence in Wellington, NZ), 2003.

## GRANTS

Social Science Research Council, Subcommittee on Monetary Economics grant, 1983-1984.

National Science Foundation research grant, “The Dynamics of Output and Investment,” 1986-1990.

National Science Foundation research grant, “Capacity and Macroeconomic Fluctuations,” 1991-1996.

National Institute on Aging program project grant (F. Thomas Juster, PD/PI; Matthew D. Shapiro and others, co-PIs), 1992-1997.

Michigan Exploratory Center on the Demography of Aging pilot award (NIA), “Measuring the Price of Cataract Surgery,” 1997-1998.

National Science Foundation research grant, “Capital Mismatch and Sectoral Reallocation,” (Valerie A. Ramey and Matthew D. Shapiro, co-PIs), 1997-2002.

National Institute on Aging program project grant (Matthew D. Shapiro, PD/PI), 1998-2003.

Social Security Administration, “The Retirement Elasticity: Theory and Implications” (with Miles Kimball) Michigan Retirement Research Center, 2001-2002.

Robert Wood Johnson Foundation Research Initiative on the Uninsured grant, 2001-2002.

National Science Foundation research grant, “Michigan Census Research Data Center,” (Matthew D. Shapiro, PI) 2001-2004.

National Science Foundation grant (ITR), “Information Technology Challenges for Secure Access to Confidential Social Science Data,” (John Abowd, PI, Matthew D. Shapiro and others, co-PIs), 2004-2007.

National Institute on Aging program project grant, “Behavior on Surveys and in the Economy using the HRS,” (Robert Willis, PD, Matthew D. Shapiro and others, co-PIs), 2005-2009.

National Institute on Aging grant, “Internet Interviewing and the HRS,” (Robert Willis, PD, Matthew D. Shapiro and others, co-PIs), 2002-2007. Renewed in 2008 (Arie Kapteyn, PD).

Social Security Administration, “Buffering Shocks to Well-Being Late in Life” Michigan Retirement Research Center, 2008-2009.

## TESTIMONY

U.S. House of Representatives, Committee on Government Reform and Oversight, Subcommittee on Human Resources, Hearing on the Bureau of Labor Statistics' Calculation of the Consumer Price Index, April 30, 1997.

## PUBLISHED PAPERS

The Permanent Income Hypothesis and the Real Interest Rate: Some Evidence from Panel Data. *Economics Letters* 14 (1984) 93-100.

Are Preliminary Announcements of the Money Stock Rational Forecasts? with N. Gregory Mankiw and David E. Runkle. *Journal of Monetary Economics* 14 (July 1984) 15-27.

An Unbiased Reexamination of Stock Market Volatility, with N. Gregory Mankiw and David Romer. *Journal of Finance* 40 (July 1985) 677-687.

Trends, Random Walks, and Tests of the Permanent Income Hypothesis, with N. Gregory Mankiw. *Journal of Monetary Economics* 16 (September 1985) 165-174.

Do We Reject Too Often? Small Sample Bias in Tests of Rational Expectations Models, with N. Gregory Mankiw. *Economics Letters* 20 (1986) 139-145.

News or Noise: An Analysis of GNP Revisions, with N. Gregory Mankiw. *Survey of Current Business* 66 (May 1986) 20-25.

Investment, Output, and Cost of Capital. *Brookings Papers on Economic Activity* (1:1986) 111-152.

Capital Accumulation and Capital Utilization: Theory and Evidence. *Journal of Applied Econometrics* 1 (July 1986) 211-234.

Risk and Return: Consumption Beta versus Market Beta, with N. Gregory Mankiw. *Review of Economics and Statistics* 68 (August 1986) 452-459.

The Dynamic Demand for Capital and Labor. *Quarterly Journal of Economics* 101 (August 1986) 513-542.

Personal Computers in the Economics Curriculum at Yale University. *IBM University AEP Conference Proceedings* (1986) 40-44.

Capital and Saving in a Share Economy. In *The Share Economy: A Symposium*, William Nordhaus and Andrew John, eds., *Journal of Comparative Economics* 10 (December 1986) 444-447.

Are Cyclical Fluctuations in Productivity Due More to Supply Shocks or Demand Shocks? *American Economic Review Papers and Proceedings* 77 (May 1987) 118-124.

Supply Shocks in Macroeconomics. *The New Palgrave*. London: MacMillan, 1987. [Revised version in *The New Palgrave Dictionary of Money and Finance*. London: MacMillan, 1992.]

Comments on “Political vs. Currency Premia in International Real Interest Differentials” by J.A. Frankel and A.T. MacArthur. *European Economic Review* 32 (June 1988) 1114-1118.

Sources of Business Cycle Fluctuations, with Mark W. Watson, *NBER Macroeconomics Annual* 3 (1988) 111-148.

Forecasting the Depression: Harvard versus Yale, with Kathryn M. Dominguez and Ray C. Fair. *American Economic Review* 78 (September 1988) 595-612.

The Stabilization of the U.S. Economy: Evidence from the Stock Market. *American Economic Review* 78 (December 1988) 1067-1079.

Comments on “Inventories, Orders, Temporary and Permanent Layoffs: An Empirical Analysis” by J.C. Haltiwanger and L.J. Maccini. *Carnegie-Rochester Conference on Public Policy* 30 (Spring 1989) 367-374.

Assessing Federal Reserve Measures of Capacity and Utilization. *Brookings Papers on Economic Activity* (1:1989) 181-225.

Capacity Utilization versus Capital Utilization: An Assessment Based on the 1982 Recession. *Conference on the Economics Outlook for 1991* (1990).

Discussion of “The Stock Market and Investment: Is the Market a Sideshow?” by R. Morck, A. Shleifer, and R.W. Vishney. *Brookings Papers on Economics Activity* (2:1990) 203-208.

Market Value and Fundamental Value, with William C. Brainard and John Shoven. In *Money, Macroeconomics, and Economics Policy: Essays in Honor of James Tobin*, W.C. Brainard, W.D. Nordhaus, and H.W. Watts, eds. Cambridge: M.I.T. Press, 1991.

Stock Market Efficiency and Volatility: A Statistical Appraisal, with N. Gregory Mankiw and David Romer. *Review of Economic Studies* 58 (May 1991) 455-477.

Cyclical Productivity and the Workweek of Capital. *American Economic Review Papers and Proceedings* 83 (May 1993) 229-233.

Discussion of “Productivity and Real Wages: Is There a Puzzle?” by Barry Bosworth and George Perry. *Brookings Papers on Economic Activity* (1:1994).

Federal Reserve Policy: Cause and Effect. In *Monetary Policy*, N.G. Mankiw, ed. Chicago: University of Chicago Press, 1994.

Indicators of Monetary Policy: Lessons for 1994. *Conference on the Economics Outlook for 1995* (1994).

Consumer Response to the Timing of Income: Evidence from a Change in Tax Withholding, with Joel Slemrod. *American Economic Review* 85 (March 1995) 274-283.

Mismeasurement in the Consumer Price Index: An Evaluation, with David W. Wilcox. *NBER Macroeconomics Annual* 11 (1996) 93-142.

Macroeconomic Implications of Variation in the Workweek of Capital. *Brookings Papers on Economics Activity* (2:1996) 79-133.

Comment on “Do ‘Shortages’ Cause Inflation?” by Owen Lamont. In *Monetary Policy and Low Inflation*, C.D. Romer and D. Romer, eds. Chicago: University of Chicago Press, 1997.

Preference Parameters and Behavioral Heterogeneity: An Experimental Approach in the Health and Retirement Study, with Robert B. Barsky, F. Thomas Juster, and Miles S. Kimball. *Quarterly Journal of Economics* 112 (May 1997) 537-579.

Alternative Strategies for Aggregating Prices in the CPI, with David W. Wilcox. *Federal Reserve Bank of St. Louis Review* 79 (May/June 1997) 113-125.

Costly Capital Reallocation and the Effects of Government Spending, with Valerie A. Ramey. *Carnegie-Rochester Conference Series on Public Policy* 48 (June 1998) 145-194.

Quality Improvements in Health Care: A Framework for Price and Output Measurement, with Irving Shapiro and David W. Wilcox. *American Economic Review Papers and Proceedings* 89 (May 1999) 333-337.

Discussion of “Social Security Reform and National Saving in an Era of Budget Surpluses” by Douglas W. Elmendorf and Jeffrey B. Liebman. *Brookings Papers on Economic Activity* (2:2000) 53-58.

Measuring the Value of Cataract Surgery, with Irving Shapiro and David W. Wilcox. In *Medical Care Output and Productivity*, David M. Cutler and Ernst R. Berndt, eds. Chicago: University of Chicago Press, 2001.

Displaced Capital: A Study of Aerospace Plant Closings, with Valerie A. Ramey. *Journal of Political Economy* 109 (October 2001) 958-992.

Productivity Growth in the 1990s: Technology, Utilization, or Adjustment? with Susanto Basu and John G. Fernald. *Carnegie-Rochester Conference Series on Public Policy* 55 (2001) 117-165.

Labor and the Sustainability of Output and Productivity Growth, with Rebecca M. Blank. In *The Roaring Nineties: Can Full Employment Be Sustained?*, Alan B. Krueger and Robert M. Solow, eds. Russell Sage Foundation/New Century Foundation, New York: Russell Sage Foundation, 2002.

High-Frequency Substitution and the Measurement of Price Indexes, with Robert C. Feenstra. In *Scanner Data and Price Indexes*. Eds. Robert C. Feenstra and Matthew D. Shapiro. Chicago: University of Chicago Press, 2003.

Consumer Response to Tax Rebates, with Joel Slemrod. *American Economic Review* 93 (March 2003) 381-396.

Did the 2001 Tax Rebate Stimulate Spending? Evidence From Taxpayer Surveys, with Joel Slemrod. *Tax Policy and the Economy* 17 (2003).

Comments on “Federal Government Debt and Interest Rates” by E. Engen and R.G. Hubbard. *NBER Macroeconomics Annual* 19 (2004) 148-156.

Comments on “Index Number Theory Using Differences Rather Than Ratios” by Erwin Diewert. *American Journal of Economics and Sociology* 64 (2005) 361-366. Also in *Celebrating Irving Fisher: The Legacy of a Great Economist*. Robert W. Dimand and John Geanakoplos, Eds. Blackwell: Oxford, 2005.

Phased-In Tax Cuts and Economic Activity, with Christopher House. *American Economic Review* 96 (2006) 1835-1949.

Monetary Policy When Potential Output Is Uncertain: Understanding the Growth Gamble of the 1990s, with Yuriy Gorodnichenko. *Journal of Monetary Economics* 54 (2007) 1132-1162.

Why Do Computers Depreciate? with Michael Geske and Valerie Ramey. In *Hard-to-Measure Goods and Services: Essays in Memory of Zvi Griliches*. Ernst R. Berndt and Charles M. Hulten, eds. Chicago: University of Chicago Press, 2007.

Temporary Tax Incentives: Theory with Evidence from Bonus Depreciation, with Christopher House. *American Economic Review* 98 (2008) 737-768.

Imputing Risk Tolerance from Survey Responses, with Miles S. Kimball and Claudia Sahn. *Journal of the American Statistical Association* 103 (2008) 1028-1038.

Risk Preferences in the PSID: Individual Imputations and Family Covariation, with Miles S. Kimball and Claudia R. Sahn. *American Economic Review Papers and Proceedings* 99 (May 2009) 363-368.

Did the 2008 Tax Rebates Stimulate Spending? with Joel Slemrod. *American Economic Review Papers and Proceedings* 99 (May 2009) 374-379.

Discussion of “Taxes and Business Investment: Lessons from the Past Decade” by Alan J. Auerbach and Kevin A. Hassett. In *Tax Policy Lessons from the 2000s*. Ed. Alan Viard. Washington, DC: American Enterprise Institute, 2009.

#### BOOK

*Scanner Data and Price Indexes*. Eds. Robert C. Feenstra and Matthew D. Shapiro. Chicago: University of Chicago Press, 2003.

#### RECENT WORKING PAPERS

Labor Supply: Are Income and Substitution Effects Both Large or Both Small? with Miles S. Kimball. NBER Working Paper 14208, July 2008.

Stepping of the Escalator: A Theory of the Equilibrium Employment Rate, with Michael W.L. Elsbey. NBER Working Paper 15117, June 2009.

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