JANICE C. EBERLY

Department of Finance Kellogg School of Management Northwestern University 2001 Sheridan Road Evanston, IL 60201 USA **Employment Experience:** 2002 - present James R. and Helen D. Russell Distinguished Professor of Finance (previously John L. and Helen Kellogg Distinguished Professor) Kellogg School of Management Northwestern University 2011 - 2013Assistant Secretary for Economic Policy and Chief Economist United States Treasury, Washington, D.C. Senate confirmed, October 2011 2005 - 2007Chair of the Finance Department Kellogg School of Management Northwestern University 1998 - 2002 John L. and Helen Kellogg Associate Professor of Finance Associate Professor of Finance Kellogg School of Management Northwestern University 1997 - 1998 Associate Professor of Finance The Wharton School of the University of Pennsylvania 1991 - 1997 Assistant Professor of Finance The Wharton School of the University of Pennsylvania Junior Economist, Council of Economic Advisers, 1989 - 1990 **Executive Office of the President** Education: 1986 - 1991 M.I.T., Ph.D. Economics, May 1991 Durable Goods and Transactions Costs: Theory and Evidence 1983 - 1986 University of California at Davis, BS June 1986 President's Medal (Valedictorian), with Highest Honors

<u>Honors, Grants, and Awards</u>: Fellow of the American Academy of Arts and Sciences, 2013 Executive Manager's Program (EMP), Top Professor Award, 2002, 2008, 2009, 2010 Chairs' Core Teaching Award, Kellogg School of Management, 1999, 2001, and 2006 Searle Fund Research Grant, "Securitization and Economic Stability", 2002-06 Alfred P. Sloan Research Fellow, 1995 - 1999 Marc and Sheri Rappaport Core Teaching Award, The Wharton School, 1996 National Science Foundation Grant, Visiting Professorship for Women, 1995 - 1996 National Science Foundation Grant, Co-Principal Investigator, 1992 - 1998 Sloan Foundation Graduate Fellowship, 1990 - 1991 National Science Foundation Graduate Fellowship, 1986 – 1989 Regent Emeritus, Regents of the University of California, 1986 to present

Professional Leadership & Service:

Academic Advisory Board, Brookings Panel on Economic Activity, Washington, DC, 2014–15 Academic Research Council, Housing Finance Center, Urban Institute, Washington, DC, 2013– Organizer, NBER research group "Capital Markets and the Economy", 2000–2011, 2014 -Advisory Board, Carnegie-Rochester Conference Series on Public Policy, 2003–2011, 2013 -Panel of Economic Advisors, Congressional Budget Office, 2010 - 2011 International Advisory Board, Maastricht University (Netherlands) School of Business and

Economics, 2010 - 2011

Advisory Board, Bureau of Economic Analysis, US Department of Commerce, 2009 - 2011 American Economic Association, elected member of the Executive Committee, 2008 - 2010 American Economic Association, Program Committee 2006-07, 2008-09 American Finance Association, Nominating Committee, 2008 Western Finance Association, Program Committee, 2008, 2010, 2011 Search Committee, Editor of the Journal of Economic Perspectives, 2007 American Economic Association, Nominating Committee, 2001-02, 2010-11

Appointments:

Non-resident Senior Fellow, Brookings Institution, Washington, DC, 2015 - present
National Bureau of Economic Research, Research Fellow/Research Associate, 1994 – 2011, 2013 – present, Economic Fluctuations and Growth, Monetary Economics, and Asset Pricing Groups
Visiting Associate Professor of Finance, Kellogg Graduate School of Management, 1997-98
Visiting Scholar, Federal Reserve Bank of Minneapolis, 1997
Visiting Scholar, Federal Reserve Board of Governors, 1997

Visiting Assistant Professor, Department of Economics, Harvard University, 1995 - 1996

Visiting Scholar, Department of Economics, MIT, 1995

Visiting Scholar, Federal Reserve Bank of Philadelphia, 1994

Editorial Positions:

Editor, <u>Brookings Papers on Economic Activity</u>, 2015 - present Associate Editor/Senior Associate Editor, <u>Journal of Monetary Economics</u>, 1999 – 2011 Associate Editor, <u>American Economic Review</u>, 2004 – 2010 Associate Editor, <u>European Economic Review</u>, 2003 – 2007 Associate Editor, <u>Review of Economics and Statistics</u>, 2003 – 2011 Associate Editor, <u>Macroeconomic Dynamics</u>, 2000 – 2007 Associate Editor, <u>BE Journals in Macroeconomics</u>, 2000 – 2011

University Leadership, Service, and Teaching:

Courses Taught:

Corporate Finance, MBA Macroeconomics, Executive Managers and MBA Advanced Topics in Macroeconomics and Finance, Ph.D. Macroeconomic Analysis and Public Policy, MBA Macro- and Monetary Economics, Undergraduate

School and University Administration:

Academic Director, Kellogg Strategic Initiative on Public-Private Interface, 2014 -Academic Director, CEO Perspectives, Kellogg's most senior executive education program, 2014 -Chair of the Search Committee, Dean of the Kellogg School, 2009 – 2010 Academic Director (founding director), Kellogg Certificate Program for Undergraduates, 2007 - 2011 University Committee on Honorary Degrees, 2005 - 2010; Chair, 2007 - 2010 Leadership Task Force, Kellogg School of Management, 2004-2005 Northwestern University Committee on Family Leave, 2004-2006 Search Committee, Dean of the Graduate School, Northwestern University, 2003-2004 Chair of Kellogg Finance Recruiting Committee, 1999-2001 Kellogg Finance Department Junior Faculty Recruiting Committee, 1997 - 1999 Wharton Finance Department Junior Faculty Recruiting, 1991 - 1997 Wharton Finance Department Chair Search Committee, 1993 - 1994 Wharton Finance Department Ph.D. Admissions, 1992 - 1994 Wharton Macro-Finance Seminar Series Organizer, 1991-1994 University of Pennsylvania Judicial Review Board, 1992 - 1993

Research Articles and Chapters

"Efficient Credit Policies in a Housing Debt Crisis," with Arvind Krishnamurthy, <u>Brookings</u> <u>Papers on Economic Activity</u>, Fall 2014.

"Defining the Reemerging Role of Fiscal Policy," in <u>Rethinking Macro Policy</u>, George Akerlof, Olivier Blanchard, David Romer, and Joseph Stiglitz, editors, MIT Press, 2014.

"Optimal Inattention to the Stock Market with Information Costs and Transactions Costs,", <u>Econometrica</u>, Volume 81(4), July 2013, pp. 1455-1481, joint with Andrew B. Abel and Stavros Panageas.

"Reaching the Middle Class," <u>Issues in Science and Technology</u>, National Academy of Sciences, Spring 2013.

"What Explains the Lagged Investment Effect?" <u>Journal of Monetary Economics</u>, Volume 59(4), May 2012, pp. 370-380, joint with Sergio Rebelo and Nicolas Vincent.

"Investment, Valuation, and Growth Options," <u>Quarterly Journal of Finance</u>, Volume 2(1), March 2012, joint with Andrew B. Abel (previously titled "Q for the Long Run").

"How Q and Cash Flow Affect Investment without Frictions: An Analytic Explanation," <u>Review</u> of Economic Studies, Volume 78(4), October 2011, pp. 1179-1200, joint with Andrew B. Abel (previously titled "*Q* Theory Without Adjustment Costs & Cash Flow Effects Without Financing Constraints").

"Guaranteed versus Direct Lending: the Case of Student Loans," in <u>Measuring and Managing</u> <u>Federal Financial Risk</u>, Deborah Lucas, Editor, University of Chicago Press, 2010.

"Capital Reallocation and Growth," <u>American Economic Review</u>, Volume 99(2), May 2009, pp. 560-566, joint with Neng Wang.

"Irreversible Investment." <u>The New Palgrave Dictionary of Economics</u>. Second Edition. Eds. Steven N. Durlauf and Lawrence E. Blume. Palgrave Macmillan, 2008.

"Optimal Inattention to the Stock Market," <u>American Economic Review</u>, Volume 97(2), May 2007, joint with Andrew B. Abel and Stavros Panageas.

"The Rise in Firm-Level Volatility: Causes and Consequences" <u>NBER Macroeconomics Annual</u> 2005, National Bureau of Economic Research, MIT Press, 2006.

"Time-varying Risk Premia and the Cost of Capital: An Alternative Implication of the *Q* Theory of Investment, Comments" Journal of Monetary Economics & Carnegie-Rochester Conference Series on Public Policy 49(1), January 2002, pp. 67-74.

"The Stock Market and Investment in the New Economy: Some Tangible Facts and Intangible Fictions" <u>Brookings Papers on Economic Activity</u> 2000:1, pp. 109-114.

"The Effects of Irreversibility and Uncertainty on Capital Accumulation," <u>Journal of Monetary</u> <u>Economics</u> 44:3, December 1999, pp. 339-377, joint with Andrew B. Abel

"The Mix and Scale of Factors with Irreversibility and Fixed Costs of Investment," <u>Carnegie-Rochester Conference Series on Public Policy</u> 48, October 1998, pp. 101-135, joint with Andrew B. Abel.

An Exact Solution for the Investment and Market Value of a Firm Facing Uncertainty, Adjustment Costs, and Irreversibility," <u>Journal of Economic Dynamics and Control</u> 21, August 1997, pp. 831-852, joint with Andrew B. Abel.

"Multi-factor Dynamic Investment Under Uncertainty," <u>Journal of Economic Theory</u> 75(2), August 1997, pp. 345-387, joint with Jan van Mieghem.

"International Evidence on Investment and Fundamentals," <u>European Economic Review</u> 41, 1997, pp. 1055-1078.

"Optimal Investment with Costly Reversibility," <u>Review of Economic Studies</u> 63(4) No. 217, October 1996, pp. 581-594, joint with Andrew B. Abel.

"Options, the Value of Capital, and Investment," <u>Quarterly Journal of Economics</u> 111(3), August 1996, pp. 753-777, joint with Andrew B. Abel, Avinash K. Dixit, and Robert S. Pindyck.

"A Unified Model of Investment Under Uncertainty," <u>American Economic Review</u> 84(5), December 1994, pp. 1369-1385, joint with Andrew B. Abel.

Reprinted in Kevin D. Hoover, Ed., <u>The Economic Legacy of Robert Lucas</u>, Jr., Edward Elgar Publishing, US publication October 1999.

"Adjustment of Consumers' Durables Stocks: Evidence from Automobile Purchases," <u>Journal of</u> <u>Political Economy</u> 102(3), June 1994, pp. 403-436.

Commentary:

"Fiscal Balancing Act," with Phillip Swagel, commissioned by the Peter G. Peterson Foundation for the Clinton Global Initiative, Denver Colorado, June 2014.

"Unwinding Emergency Federal Reserve Liquidity Programs and Implications for Economic Recovery," Testimony for the House Financial Services Committee, March 2010, US House of Representatives.

"On Irreversibility and Aggregate Investment: Comment," <u>1993 Macroeconomics Annual</u>, National Bureau of Economic Research, pp. 303-312.

Working Papers:

"Substitution between Parents' Home Equity and Students' Borrowing: Evidence from the Housing Boom and Bust," working paper, draft March 2016, joint with Gene Amromin and John Mondragon.

"Education Financing and Student Lending," working paper, joint with Gene Amromin, December 2015. (written for the <u>Annual Review of Financial Economics</u>, to appear October 2016.)

"The Supply of College-Educated Workers: The Roles of College Premia, College Costs, and Risk," Working Paper 13-02, Federal Reserve Bank of Richmond, March 2013, joint with Kartik Athreya (in submission)

"Reallocating and Pricing Illiquid Capital: Two Productive Trees," working paper, January 2009, revised November 2010, with Neng Wang.