**DEBORAH J. LUCAS**
Curriculum Vitae
February 2014

CONTACT INFORMATION

MIT Sloan School of Management
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EDUCATION

B.A., Economics, University of Chicago, June 1980
M.A., Economics, University of Chicago, 1983
Ph.D., Economics, University of Chicago, June 1986

PROFESSIONAL APPOINTMENTS

Director, MIT Center for Finance and Policy, 2012-present
Sloan Distinguished Professor of Finance, Sloan School of Management, 2011-present
Assistant Director, Financial Analysis Division, Congressional Budget Office 2010-2011
Associate Director of Financial Studies, Congressional Budget Office 2009-2010
Professor of Finance, Sloan School of Management, 2009-2011 (on leave)
Donald C. Clark HSBC Professor of Consumer Finance, Department of Finance, Kellogg School of Management, Northwestern University, 1996 - 2009.
Chief Economist, Congressional Budget Office, 2000 – 2001.
Member, Social Security Technical Advisory Panel, 1999 - 2000, and 2006 – 2007.
Chairman, Department of Finance, Kellogg School of Management, 1996 – 1998.
John L. and Helen Kellogg Distinguished Associate Professor, Department of Finance, Kellogg School of Management, Northwestern University. 1992 – 1996.
NBER Research Associate, 1998 - present.
NBER Faculty Research Fellow, 1992 – 1998.
Senior Staff Economist, Council of Economic Advisers, Washington, D.C., 1992 – 1993.
Assistant Professor, Department of Finance, J.L. Kellogg School of Management, Northwestern University, 1985 - 1992.
Visiting Assistant Professor, Department of Finance, Sloan School of Management, Massachusetts Institute of Technology, 1990 - 1991.

FELLOWSHIPS AND AWARDS

Received endowed chair (Sloan Distinguished Professor of Finance), 2011
Searle Foundation Research Grant, 2005
Elected member, National Academy of Social Insurance, 2003
Award for Management Excellence, Congressional Budget Office, 2001
Received endowed chair (Household International Professor of Consumer Finance) 1996
Received endowed chair (John L. and Helen Kellogg Distinguished Associate Professor of Finance) 1995
NSF Research Fellowship 1993-1995
Winner, best paper in the *Review of Financial Studies* 1991
Bradley Foundation Research Grant 1991
Nominated for "Teacher of the Year," 1991, 2006, 2012
NBER Research Fellow, 1991-present
Winner Smith-Breeden prize (for one of best papers in the *Journal of Finance* 1990)
First Chicago Research Chair 1989-1990
Winner Iddo Sarnat Award (for best paper in the *Journal of Banking and Finance* for 1987)

PAPERS, PUBLISHED AND FORTHCOMING

"Rebutting Arrow and Lind: Why Governments Should Use Market Rates for Discounting," Journal of Natural Resources Policy Research, forthcoming

"Federal Credit Programs," in Public Economics: The Government's Role in American Economics, Vol.1, edited by Steven Payson, ABC-Clio/Praeger Publishers, forthcoming

"Valuation of Government Policies and Projects," *Annual Review of Financial Economics*, 2012

"Valuing Government Guarantees: Fannie and Freddie Revisited" (with Robert McDonald), in Measuring and Managing Federal Financial Risk, edited by D. Lucas, University of Chicago Press, 2010

"The Cost of Risk to the Government and Its Implications for Federal Budgeting" (with Marvin Phaup), in Measuring and Managing Federal Financial Risk, edited by D. Lucas, University of Chicago Press, 2010

"Guaranteed Versus Direct Lending: The Case of Student Loans" (with Damien Moore), forthcoming in NBER book, in Measuring and Managing Federal Financial Risk, edited by D. Lucas, University of Chicago Press, 2010

"Is Mark-to-Market Accounting Destabilizing? Analysis and Implications for Policy" (with John Heaton and Robert McDonald), *Journal of Monetary Economics,* January, 2010.

"Heterogeneity and Portfolio Choice: Theory and Evidence" (with Stephanie Curcuru, John Heaton and Damien Moore), The Handbook of Financial Econometrics, Vol 1, North Holland, 2010.

"How Should Public Pension Plans Invest?" (with Stephen Zeldes), *American Economic Review* Papers and Proceedings, May, 2009.

"Reforming Credit Reform" (with Marvin Phaup), *Public Budgeting & Finance*, Winter 2008.

"Can Heterogeneity, Undiversified Risk, and Trading Frictions Solve the Equity Premium Puzzle?" (with John Heaton) Handbook of Investments: Equity Risk Premium 1, September 2007.

"An Options-Based Approach to Evaluating the Risk of Fannie Mae and Freddie Mac" (with Robert McDonald), *Journal of Monetary Economics*, 2006.

"Modeling the Effects of Fiscal Policy Imbalances – How Much Does Myopia Matter?" *Review of Economic Dynamics*, 2003.

"Asset Pricing and Portfolio Choice: The Role of Entrepreneurial Risk" (with John Heaton), *Journal of Finance*, 2000.

"Stock Prices and Fundamentals," (with John Heaton), NBER *Macroeconomics Annual*, 2000.

"Price and Interest Rate Dynamics Induced by Multiperiod Contracts," *North American Journal* *of Economics and Finance*, 2000.

"Portfolio Choice in the Presence of Background Risk," (with John Heaton), *Economic Journal*, 2000.

"Shareholder Heterogeneity, Adverse Selection, and Payout Policy," (with Robert McDonald), *Journal of Financial and Quantitative Analysis*, 1998.

"Market Frictions, Savings Behavior, and Portfolio Choice," (with John Heaton), *Macroeconomic Dynamics*, 1997.

"External Financing and Insurance Cycles" (with Anne Gron), NBER Conference Volume on Property Casualty Insurance, 1997.

"Evaluating the Effects of Incomplete Markets on Risk Sharing and Asset Pricing," (with John Heaton), *Journal of Political Economy*, 1996. Reprinted in Incomplete Markets, edited by Michael J.P. Magill, and Martine Quinzii, 2008.

"Managed Competition with Prefunding--The Solution for Long-term Care?" *The Milbank Quarterly*, November 1996.

"The Importance of Investor Heterogeneity and Financial Market Imperfections for the Behavior of Asset Prices" (with John Heaton), *Carnegie Rochester Papers*, 1995.

"Asset Pricing with Undiversifiable Income Risk and Short Sales Constraints: Deepening the Equity Premium Puzzle," *Journal of Monetary Economics*, December 1994.

"The Effects of Incomplete Insurance Markets and Trading Costs in a Consumption-Based Asset Pricing Model" (with John Heaton), *Journal of Economic Dynamics and Control*, 1992.

"Equity Issues with Time-Varying Asymmetric Information," (with Robert Korajczyk and Robert McDonald), *Journal of Financial and Quantitative Analysis*, 1992.

"Bank Financing and Investment Decisions with Asymmetric Information about Loan Quality," (with Robert McDonald), *Rand Journal*, Spring 1992.

"The Effect of Information Releases on the Pricing and Timing of Equity Issues," (with Robert Korajczyk and Robert McDonald), *Review of Financial Studies*, vol. 4, #4, 1991.

"The Variability of Velocity in Cash-in-Advance Models," *Journal of Political Economy*, (with Narayana Kocherlakota and Robert Hodrick), April 1991.

"Equity Issues and Stock Price Dynamics," *Journal of Finance*, Vol. 45, No. 4 (with Robert McDonald), 1990.

"Understanding the Behavior of Stock Prices around the Time of an Equity Issue," in Glenn Hubbard, ed., Information, Capital Markets, and Investment, University of Chicago Press, Chicago, IL. (with Robert Korajczyk and Robert McDonald), 1990.

"Bank Portfolio Choice with Private Information About Loan Quality: Theory and Implications for Regulation," *Journal of Banking and Finance* 11, 473-497 (with Robert McDonald), 1987.

PAPERS, UNDER REVIEW

“Evaluating the Government as a Source of Systemic Risk,” under revision to appear in *Financial Perspectives*

“Evaluating the Cost of Government Credit Support: The OECD Context,” resubmitted to *Economic Policy*

“The Student Loan Consolidation Option,” (with Damien Moore), under revision for the *Journal of Public Economics*.

“Evaluating the Cost of Government Loan Guarantees for Fossil Fuel and Other Energy Projects,” under review by OECD Trade & Agriculture Directorate

WORKING PAPERS

“Credit Policy as Fiscal Policy”

“An Evaluation of Large-Scale Mortgage Refinancing Programs” (with Damien Moore and Mitchell Remy)

“Valuing and Hedging Defined Benefit Pension Obligations – The Role of Stocks Revisited” (with Stephen Zeldes)

Why Do Guaranteed SBA Loans Cost Borrowers So Much? (with Flavio de Andrade)

“Capital Structure, Hurdle Rates, and Portfolio Choice – Interactions in an Entrepreneurial Firm” (with John Heaton)

"Investing Public Pensions in the Stock Market: Implications for Risk Sharing and Asset Prices" (with John Heaton)

“Accrual Accounting for Federal Entitlements -- Issues and Estimates”

GOVERNMENT PUBLICATIONS

"Keeping College Within Reach: Examining Opportunities to Strengthen Federal Student Loan Programs," Testimony before the Committee on Education and the Workforce, U.S. House of Representatives, 2013

“Fair-Value Accounting for Federal Credit Programs” (with Mark Hadley), Congressional Budget Office Issue Brief, March 2012

“Federal Loan Guarantees for the Construction of Nuclear Power Plants” (with Wendy Kiska), Congressional Budget Office Study, 2011

“The Budgetary Cost of Fannie Mae and Freddie Mac and Options for the Future Federal Role in the Secondary Mortgage Market,” Testimony before the Committee on the Budget, U.S. House of

Representatives, 2011

“Fannie Mae, Freddie Mac and the Role of the Secondary Mortgage Market,” (with David Torregrosa), Congressional Budget Office Study, 2010

“The Budgetary Impact and Subsidy Cost of the Federal Reserve’s Activities During and Financial Crisis” (with Kim Kowalewski and Wendy Kiska), Congressional Budget Office, 2010

“Federal Financial Guarantees Under the Small Business Administration’s 7(a) Program” (with Wendy Kiska, Congressional Budget Office Paper, October 2007

“Evaluating Benefit Guarantees in Social Security,” (with Sven Sinclair, Amy Rehder Harris, Michael Simpson, and JulieTopoleski), Congressional Budget Office Background Paper, 2006

“The Risk Exposure of the Pension Benefit Guarantee Corporation” (with Wendy Kiska and Marvin Phaup) Congressional Budget Office Study, 2005

“Estimating the Value of Subsidies for Federal Loans and Loan Guarantees,” (with Marvin Phaup and Ravi Prasad) Congressional Budget Office, 2004

“Evaluating and Accounting for Federal Investment in Corporate Stocks and Other Private Securities,” (with Doug Hamilton and Marvin Phaup) Congressional Budget Office, 2003

"Federal Subsidies and the Housing GSEs," (with Marvin Phaup) Congressional Budget Office, 2001

## NOTES, REVIEWS, AND OTHER PUBLICATIONS

“Joint Risk of DB Pension Underfunding and Sponsor Termination: Incorporating Options-Based Projections and Valuations into PIMS,” in report of the *Technical Review Panel for the Pension Insurance Modeling System (PIMS),* 2013

“Comment on ‘The Future of U.S. Housing Finance Reform’ by Phillip Swagel,” *The B.E. Journal of Macroeconomics*, Special Issue: Long-Term Effects of the Great Recession, Vol 12, Issue 3, 2012.

“The Federal Debt: Assessing the Capacity to Pay,” in *Is the U.S. Government Debt Different,* F. Allen, A. Gelpern, C. Mooney, and D. Skeel (eds.), Philadelphia: FIC Press, 2012

*Aging and the Macroeconomy. Long-Term Implications of an Older Population*. Committee on the Long-Run Macro-Economic Effects of the Aging U.S. Population. Washington, DC: National Academy Press, 2012.

“Comment on ‘Making Sense of the Subprime Crisis’ by K. Gerardi, A. Lehnart, S. Sherland and P. Willen,” *Brookings Papers on Economic Activities,* Fall 2008

“There’s Just No Accounting for Federal Bailouts,” editorial, Crain’s Chicago Business, 2008

“Comment on ‘Global Demographic Trends and Social Security Reform’ by Orazio Attanasio, Sagiri Kitao, and Giovanni Violante,” *Journal of Monetary Economics,* 2007

"Who Holds the Toxic Waste? An Investigation of MBS Holdings" (with Joseph Haubrich, Proceedings, 2006 Conference on Bank Structure and Competition, Federal Reserve Bank of Chicago

"Comment on 'On Asset-Liability Matching and Federal Deposit and Pension Insurance' by Zvi Bodie," Federal Reserve Bank of St. Louis *Review*, conference proceedings, July 2006

"Lessons from Market Efficiency" in Aspatore C-Level Business Intelligence, 2003

"Investing Public Pensions in the Stock Market: Implications for Risk Sharing, Capital Formation and Public Policy in the Developed and Developing World," *Sasin Journal of Management*, 2001

"Comment on 'The Social Security Trust Fund, the Riskless Interest Rate, and Capital Accumulation,' by Andrew B. Abel" in *Risk Aspects of Investment Based Social Security Reform*, NBER, 2000

"Comment on 'The Case for Indexed Government Debt' by John Campbell and Robert Shiller," *1996 NBER Macroeconomics Annual*

"Comment on 'Financial Intermediation and Monetary Policy in a General Equilibrium Banking Model' by Pamela Labadie" *Journal of Money, Credit and Banking*, 1995

"Comment on 'A "Barter" Theory of Bank Regulation and Credit Allocation,' by Anjan Thakor and Jess Beltz" *Journal of Money, Credit and Banking*, 1994

"Asset Pricing with Incomplete Markets, A Survey," *Cuadernos Economicos de ICE*, vol. 50, 1992

"Foundations of the Cash-in-Advance Model" A review essay of Finance Constraints and the Theory of Money by S. C. Tsiang, *Journal of Monetary Economics*, vol. 27 no. 3, June 1991

## EDITORIAL POSITIONS

Associate Editor, *Financial Perspectives*, 2013-present
Associate Editor, *American Economic Association – Policy*, 2013-present
Editorial Board, *Annual Review of Financial Economics*, 2011-present
Co-editor, *Journal of Money, Credit and Banking*, 2005-2009
Associate Editor, *Econometrica*, 2000-2003
Associate Editor, *Review of Economics and Statistics*, 2003 - 2008
Editorial Board, *Journal of Financial Education*, 2003 - 2005
Associate Editor, *Journal of Money, Credit and Banking*, 1996-2005
Associate Editor, *Review of Financial Studies*, 1993-1995

BOARD DIRECTORSHIPS

Anthracite Inc., 2005 - 2009. Chair audit.
General Dynamics, Inc., 2005 - 2009. Chair pensions and benefits.
Federal Home Loan Bank of Chicago, 2009
The Access Group, 1997 -2008, chair audit committee, 2003 – 2005, non-profit.
American Finance Association, 2003 – 2005.

OTHER

Member of the Financial Advisory Roundtable of the Federal Reserve Bank of New York, January 2014-present
Academic Advisory Board, Consortium for Systemic Risk Analytics, 2013-present
Trustee, NBER pension plans, 2011-present
Member National Academy of Sciences Committee on the Long-Run Macroeconomic Implications of Population Aging, 2010-2012
Adviser to Congressional Oversight Panel on TARP, 2009
Consultant, Congressional Budget Office, ongoing

COURSES TAUGHT

Fixed Income Securities (masters level)
Corporate Finance I and II (masters and undergrad)
Advanced Derivatives (PhD)
Topics in Liquidity (PhD)
Dynamic Models of Asset Pricing (PhD)
Managerial Finance (executive MBA)