

August 2024

CURRICULUM VITAE

Frederic S. Mishkin

I. PERSONAL

Present Address: Graduate School of Business, Columbia University
Henry R. Kravis Hall, Room 545
665 W 130th St
New York, NY 10027

E-mail: fsm3@columbia.edu

Citizenship: U.S.

II. EDUCATION

Undergraduate: Massachusetts Institute of Technology, B.S. (Economics), 1973.
Balliol College, Oxford University, Approved Course in
Economics, 1971-72.

Graduate: Massachusetts Institute of Technology, Ph.D. (Economics) 1976.

III. HONORS

Phi Beta Kappa, 1973.

Society of the Sigma Xi, 1973.

National Science Foundation Graduate Fellowship, 1973-76.

Alfred P. Sloan Foundation Fellowship, 1982-1986.

Harry Johnson Lecture, Money Macroeconomics and Finance
Research Group Annual Conference, September 1993.

Honorary Professor, Renmin (Peoples) University of China, June

1999

Homer Jones Lecture: sponsored by the Federal Reserve Bank of St. Louis, Gateway Chapter of the National Association of Business Economists, University of Missouri-St. Louis, St. Louis University, Southern Illinois University-Edwardsville and Washington University, St. Louis, March 2000.

Henry George Lecture: University of Scranton, October 2004.

John Kuszczak Memorial Lecture: Bank of Canada, April 2005.

JMCB-FDIC Invited Lecture, September 2005.

Weissman Center for International Business Distinguished Lecture, Baruch College, 2006

Beta Gamma Sigma Distinguished Lecture, College of Business, East Carolina University, 2008

Sandridge Lecture, Virginia Association of Economics and the H. Parker Willis Lecture, Washington & Lee University, 2008

Joseph L. Lucia Memorial Lecture, Villanova University, 2009

William F. Butler Memorial Award, New York Association for Business Economics, 2009

Kenneth V Santagata Memorial Lecture, Bowdoin College, February 2024

IV. CURRENT POSITIONS

Alfred Lerner Professor of Banking and Financial Institutions, Graduate School of Business, Columbia University, 1999 to present.

National Bureau of Economic Research, Research Associate, 1980 to present.

CNBC Contributor, 2022 to present

V. PROFESSIONAL EXPERIENCE

POSITIONS

Teaching Assistant, M.I.T., 1974-76.

Economist, Board of Governors of the Federal Reserve System, Summer 1977.

Brookings Panel on Economic Activity, Panel Member 1977-78.

National Bureau of Economic Research: Faculty Research Fellow, 1979-80.

Assistant Professor, University of Chicago, 1976-81.

Associate Professor, University of Chicago, 1981-83.

Visiting Associate Professor, Department of Economics, Northwestern University and Department of Finance, Kellogg Graduate School of Management, Northwestern University, 1982-1983.

Professor, Graduate School of Business, Columbia University, 1983-1991.

A. Barton Hepburn Professor of Economics, Graduate School of Business, Columbia University, 1991-99.

Program Committee, Summer Econometric Society Meeting, 1983.

Member, Conference on Income and Wealth, 1984 to 2000.

Visiting Scholar, Institute for Fiscal and Monetary Policy, Ministry of Finance, Japan, May 1986.

Visiting Professor, Department of Economics, Princeton University, 1990-91.

Academic Consultant, Board of Governors of the Federal Reserve System, April 1993.

Visiting Scholar, Division of International Finance, Board of Governors of the Federal Reserve System, May 1993.

Executive Vice President and Director of Research, Federal Reserve Bank of New York, 1994 to 1997.

Member, Center for Latin American Economics, Federal Reserve Bank of Dallas, 1996 to present.

Academic Consultant, Federal Reserve Bank of New York, 1997 to 2006.

Member, Academic Advisory Panel, Federal Reserve Bank of New York, 1990 to 1994, 1997 to 2006.

Chairman, External Evaluation Committee for Research Activities, International Monetary Fund, January 1999 - July 1999.

Advisor, The Institute for Contemporary Finance, Shanghai Jiao Tong University, 2000.

Financial Economists Roundtable, 2001-2004.

International Advisory Board, Financial Supervisory Service, South Korea, 2000-2001.

Visiting Research Fellow, The World Bank, September 2000-May 2001.

Visiting Scholar, Bank of England, July 2001

Senior Fellow, FDIC Center for Banking Research, 2003 to 2006.

Eastern Economic Association, Vice President, 2002-2003: President-Elect: 2003-2004, President, 2004-2005.

Advisor, Bank of Korea, Institute for Monetary and Economic Research, 2005-2006.

Member, Academic Advisory Panel, Federal Reserve Bank of New York, 1990 to 1994, 1997 to 2006.

Member, Board of Governors of the Federal Reserve System, September 2006 to August 2008.

Visiting Scholar, Reserve Bank of Australia, May to August 1994, May, 2000, March 2010, May 2017.

Member, Squam Lake Working Group on Financial Reform, 2009-2012

M.I.T. Corporation Visiting Committee for the Department of Economics, 2009-2015

Advisory Committee for the Alfred P. Sloan Foundation's Economic and Education Program, 2009-12

Member, Economic Advisory Panel, Federal Reserve Bank of New York, 2010 to 2018

Member, Monetary Policy Advisory Panel, Federal Reserve Bank of New York, 2010 to 2019

Co-Director, U.S. Monetary Policy Forum, 2009 to present

JOURNALS

Editorial Board, *American Economic Review*, 1982-85.

Associate Editor, *Journal of Business and Economic Statistics*, 1986-93.

Associate Editor, *Journal of Applied Econometrics*, 1985 to 2000.

Associate Editor, *Journal of Economic Perspectives*, 1994 to 2004.

Editor, Federal Reserve Bank of New York, *Economic Policy Review*, 1994 to 1997. Editorial Board, 1997 to 2006.

Associate Editor, *Journal of Money, Credit and Banking*, 1992 to 2006.

Editorial Board, Central Bank of Chile Series, *Central Banking, Analysis, and Economic Policy*, 2001 to 2009

Editorial Board, *Journal of International Money and Finance*, 1992 to 2013

Advisory Board, Economics Research Network, Macroeconomics eJournals, Monetary Economics eJournals, 1996 to present.

Advisory Board, *International Finance*, 1997 to present.

Editorial Board, *Finance India*, 1999 to present.

Associate Editor, *Emerging Markets, Finance and Trade*, 2008 to present

Editorial Board, *Review of Development Finance*, 2010 to present.

Editorial Board, *Borsa Istanbul Review*, 2013 to present.

Editorial Board, *PSU Research Review*, 2016 to present.

VI. OUTSIDE COMPENSATED ACTIVITIES

(2005 to present, excludes honoraria of \$1,000 or less and royalty income from books)

Consulting: Federal Reserve Bank of New York, Bank of Korea; National Bureau of Economic Research, FDIC, Interamerican Development Bank; 4 hedge funds, BTG Pactual, Gavea Investimentos; Reserve Bank of Australia, Federal Reserve Bank of San Francisco, Einaudi Institute, Bank of Italy

Teaching: Study Center Gerzensee, Swiss National Bank

Speeches and Presentations: Lexington Partners; Tudor Investment, Brevan Howard, UBS, Pension Real Estate Association; Goodwin Proctor, Penn State University, Villanova University, Shroeder's Investment Management, Premiere, Inc, Muira Global, Bidvest, NRUCF, BTG Asset Management, Futures Industry Association, ACLI, Handelsbanken, National Business Travel Association, Goldman Sachs, Urban Land Institute, Deloitte, Barclays Capital, CME Group; Barclays Capital, BNP Paribas, Fidelity Investments, Deutsche Bank, Freeman and Co., Bank America, Treasury Management Association, International Monetary Fund; Kairos Investments, Deloitte and Touche, Instituto para el Desarrollo Empresarial de la Argentina, Handelsbanken, Danske Capital, WIPRO, University of Calgary, Pictet & Cie, Zurich Insurance Company, Central Bank of Chile, Manhattanville College, Deloitte and Touche, RBC Capital Markets, Handelsbanken, Elliot Management, Arizona State University, Goldman Sachs, Investment Management Consultants Association, Griswold Center for Economic Policy Studies at Princeton University, Federal Reserve Bank of Dallas, World Bank, Goldman Sachs, KPMG, Central Bank of Nigeria, UBS, Federal Reserve Bank of Boston, American Council of Life Insurance, Oesterreichische Nationalbank, Fondo Latinoamericano de Reservas, Reserve Bank of Australia, Federal Reserve Bank of Boston, UBS, HSBC, Korea Capital Market Institute, HDFC Bank, BCA Research, Bowdoin College, Vanderbilt University, PriceWaterhouseCoopers for central bank of Nigeria

Advisory Committee, Alfred P. Sloan Foundation's Economic and Education Program

Co-Director, U.S. Monetary Policy Forum

CNBC Contributor

COMMISSIONED REPORTS/PAPERS

National Bureau of Economic Research: “Two Decades of Japanese Monetary Policy and the Deflation Problem,” (with Takatoshi Ito) in Takatoshi Ito and Andrew Rose, eds., *Monetary Policy Under Very Low Inflation Rates*, NBER East Asia Seminar on Economics, Vol. 15 (University of Chicago Press: Chicago, 2006), pp. 131-193.

Sveriges Riksdag (Swedish parliament): *An Evaluation of Swedish Monetary Policy Between 1995 and 2005* (with Francesco Giavazzi) (Sveriges Riksdag: Stockholm, Sweden 2006).

Icelandic Chamber of Commerce: with Tryggvi Herbertson, *Financial Stability in Iceland* (Reyjavik: Icelandic Chamber of Commerce, 2006).

Bank of Korea: “Getting to a Low Inflation Environment,” in Bank of Korea, *Monetary Policy in a Low Inflation Environment: The Bank of Korea International Conference 2006* (Bank of Korea: Seoul 2006): 7-24.

Bank of Canada: “The Inflation Targeting Debate,” Bank of Canada, *Annual Conference*, (Bank of Canada: Ottawa, 2006), pp. 195-220.

Bank of Spain: “Financial Stability and Globalization: Getting It Right,” in Santiago Fernandez de Lis and Fernando Restoy, eds., *Central Banks in the 21st Century* (Bank of Spain: Madrid, 2006), pp. 215-253.

Central Bank of Chile: “Does Inflation Targeting Matter?” (with Klaus Schmidt-Hebbel) in Frederic S. Mishkin and Klaus Schmidt-Hebbel, eds., *Monetary Policy Under Inflation Targeting* (Central Bank of Chile: Santiago 2007), pp. 291-372.

Swiss National Bank: “Inflation Targeting: True Progress or Repackaging of an Old Idea?” in Swiss National Bank, ed., *The Swiss National Bank, 1907-2007* (Neue Zurcher Zeitung Publishing: Zurich, 2007), pp. 599-623.

Deutsche Bundesbank: “Will Monetary Policy Become More of a Science?” in Deutsche Bundesbank, ed., *Monetary Policy Over Fifty Years: Experiences and Lessons* (Routledge: London 2009), pp. 81-107.

National Bureau of Economic Research: “The Financial Crisis and the Federal Reserve,” *NBER Macro Annual, 2009*, pp. 495-508.

Federal Reserve Bank of San Francisco: “Commentary on ‘Fire, Flood and Lifeboats: Policy Response in the Global Crisis of 2007-2009,” Reuven Glick and Mark M. Spiegel, eds. *Asia and the Global Financial Crisis*, Asia Economic Policy Conference (San Francisco: Federal Reserve Bank of San Francisco, 2009), pp. 251-257. U.S. Monetary Policy Forum: “Financial Conditions Indexes: A Fresh Look After the Financial Crisis,” (with Jan Hatzius, Peter Hooper, Frederic Mishkin, Kermit L. Schoenholtz and Mark W. Watson) *U.S. Monetary Policy Forum* (Chicago: Chicago Booth Initiative on Global Markets, 2010) pp. 3-59.

Brookings Institution: “Comments on Campbell, Shiller, and Viceira” *Brookings Papers on Economic Activity* (forthcoming).

National Bureau of Economic Research: “Discussion of Takatoshi Ito’s “Great Inflation and Central Bank Independence in Japan,” in Michael Bordo and Athanasios Orphanides, editors, *The Great Inflation* (University of Chicago Press: Chicago, forthcoming.)

European Central Bank: “Monetary Policy Strategy: Lessons From the Crisis” in *Monetary Policy Revisited: Lessons from the Crisis* (European Central Bank: Frankfurt, forthcoming.)

Bank of Korea: “Macroprudential Policy in Emerging Market Economies” 2010, and conference version, Federal Reserve Bank of San Francisco.

Reserve Bank of Australia: “How Should Central Banks Respond to Asset-Price Bubbles? The ‘Lean’ versus ‘Clean’ Debate After the GFC? Reserve Bank of Australia *Bulletin* (June Quarter 2011), pp. 59-69.).

American Enterprise Institute: “The Federal Reserve After the Crisis,” in Vincent Reinhart, editor, *No Way Out: Persistent Government Interventions in the Great Contraction* (Washington,

D.C.: American Enterprise Institute, forthcoming 2012).

Federal Reserve Bank of San Francisco: “Macprudential Policies in Open Emerging Market Economies” (with Joon-Ho Hahm, Hyun Song Shin and Kwanho Shin) in Reuven Glick and Mark M. Spiegel, eds. *Asia in the Post-Crisis Economy*, 2011 Asia Economic Policy Conference (San Francisco: Federal Reserve Bank of San Francisco, 2012) pp. 63-114.

Pictet and Cie: “Monetary Policy is Evolving,” *Perspectives* (Special Edition 2013) , pp. 14-16.

U.S. Monetary Policy Forum: “Crunch Time: Fiscal Crises and the Role of Monetary Policy,” *U.S. Monetary Policy Forum* (Chicago: Chicago Booth Initiative on Global Markets, 2013), pp. 5-60

Exit Strategy (with Alan Blinder, Donald Kohn and Thomas Jordan) Geneva Reports on the World Economy 15 (International Center for Monetary and Banking Studies and Centre for Economic Policy Research: Geneva and London, 2013).

“Commentary: Surprising Similarities: Recent Monetary Regimes of Small Economies” in Reuven Glick and Mark M. Spiegel, eds., *Prospects for Asia and the Global Economy*, 2013 Asia Economic Policy Conference (San Francisco: Federal Reserve Bank of San Francisco, 2013), pp. 193-198.

Central Bank of Chile: “Central Banking After the Crisis,” in Sofia Bauducco, Lawrence Christiano and Claudio Raddatz, eds., *Macroeconomic and Financial Stability: Challenges for Monetary Policy* Sixteenth 16th Annual Conference of the Central Bank of Chile (Central Bank of Chile: Santiago, 2015), pp. 23-59

“Unprecedented Actions: The Federal Reserve’s Response to the Global Financial Crisis in Historical Perspective,” (with Eugene White) in Mark Wynne and Michael Bordo, eds., *The Federal Reserve System’s Role in the Global Economy: An Historical Perspective* (Cambridge University Press: Cambridge 2016), pp. 220-258.

U.S. Monetary Policy Forum, “Language After Liftoff: Fed Communication Away from the Zero Lower Bound,” U.S. Monetary Policy Forum, February 26, 2016.

Federal Reserve Bank of Boston, “Improving the Use of Discretion in Money Policy”, Federal Reserve Bank of Boston Annual Conference, 2017.

Fondo Latinoamericano de Reservas, “Monetary Policy Communication and Inflation Expectations,” in *New Horizons of Global Monetary Policy: Emerging Economies and Latin America: More Questions than Answers* (Fondo Latinoamericano de Reservas, 2018), pp. 24-45.

U.S. Monetary Policy Forum, “Prospects for Inflation in a High-Pressure Economy: Is the Phillips Curve Dead or is it Just Hibernating?” February 2019.

U.S. Monetary Policy Forum, “Managing Disinflation,” February 2023.

VII. PUBLICATIONS

BOOKS

1. *Illiquidity, the Demand for Consumer Durables, and Monetary Policy*, Federal Reserve Bank of Boston, Report 61, (1977 Ph.D thesis, M.I.T.).
2. *A Rational Expectations Approach to Macroeconometrics: Testing Policy Ineffectiveness and Efficient Markets Models*, (University of Chicago Press for The National Bureau of Economic Research: Chicago 1983).
3. *The Economics of Money, Banking, and Financial Markets* (Little Brown and Co.: Boston 1986), 2nd Edition (Scott Foresman and Co.: Glenview, Ill. 1989), 3rd Edition (HarperCollins: New York 1992), 4th Edition (HarperCollins: New York 1995), 5th Edition (Addison-Wesley: Reading, Mass. 1998), 6th Edition (Addison-Wesley: Boston 2001), 7th edition (Addison-Wesley: Boston. 2004), 8th edition and alternate edition (Addison-Wesley: Boston. 2007), 9th edition and Business School 2nd edition (Addison-Wesley: Boston, 2010), 10th edition and Business School 3rd edition (Pearson, 2013), 11th edition and Business School 4th edition (Pearson, 2016), 12th edition and Business School 5th edition (Pearson, 2019), 13th edition (Pearson 2022).
4. *The Economics of Money, Banking, and Financial Markets, Canadian Edition* (with Aposotolis Serletis) (Pearson Education Canada: Toronto 2002), 2nd edition (Pearson Education Canada, 2005), 3rd edition (Pearson Education Canada, 2008), 4th edition (Pearson Education Canada, 2011)
5. *Instructors Manual for the Economics of Money, Banking, and Financial Markets* (Little Brown and Co., 1986), 2nd Edition (Scott Foresman and Co.: Glenview, Ill. 1989), 3rd Edition (HarperCollins: New York 1992), 4th Edition (HarperCollins: New York 1995), 5th Edition (Addison-Wesley: Reading, Mass. 1998), 6th Edition (Addison-Wesley: Boston Mass. 2001), 7th Edition (Addison-Wesley: Boston), 8th edition and alternate edition (Addison-Wesley: Boston, Mass. 2007). 9th edition and Business School, 2nd edition (Addison-Wesley: Boston, 2010), 10th edition and Business School, 3rd edition (Pearson: Boston 2013), 11th edition and Business School, 4th edition (Pearson: Boston 2016), 12th edition and Business School, 5th edition (Pearson: Boston 2019), 13th edition and Business School (Pearson: Boston 2022).
6. *Study Guide and Workbook for the Economics of Money, Banking, and Financial Markets* (with John McArthur) (Little Brown and Co., 1986), 2nd Edition (Scott Foresman and Co.: Glenview, Ill. 1989), 3rd Edition (HarperCollins: New York 1992),

- 4th Edition (HarperCollins: New York 1995), 5th Edition (Addison-Wesley: Reading, Mass. 1998).
7. *Current Readings on Money, Banking, and Financial Markets* consulting editor (with James A. Wilcox, editor) (Little Brown and Co., 1987), 1988 Edition (Scott Foresman and Co.: Glenview, Ill. 1988), 1990 Edition (Scott Foresman and Co.: Glenview, Ill. 1990).
 8. *Readings to Accompany the Economics of Money, Banking, and Financial Markets*, editor (with James W. Eaton) (HarperCollins: New York 1992, 1993, 1994, 1995, 1996), (Addison-Wesley: Reading, Mass. 1997, 1998, 1999, 2000) .
 9. *Money, Interest Rates, and Inflation* (Edward Elgar: London 1993)
 10. *Financial Markets and Institutions*, (HarperCollins: New York 1995). *Financial Markets and Institutions*, 2nd Edition (with Stan Eakins) (Addison-Wesley: Reading, Mass. 1998), 3rd Edition (Addison-Wesley: Reading, Mass. 2000), 4th Edition (Addison-Wesley: Boston 2003), 5th edition (Pearson/Addison-Wesley: Boston 2006), 6th Edition (Pearson/Prentice Hall, Boston, 2009), 7th Edition (Prentice Hall 2012), 8th Edition (Pearson: Boston 2015), 9th Edition, (Prentice Hall: Boston 2018), 10th Editon (Pearson, 2024)
 11. *Financial Markets and Institutions*, Canadian Edition (with Stanley G. Eakins and Apostolos Serletis) (Pearson Education Canada, Toronto, Ontario 2004)
 12. *Instructor's Manual for Financial Markets, Institutions and Money*, (HarperCollins: New York 1995), 2nd Edition (with Stan Eakins) (Addison-Wesley: Reading, Mass. 1998), 3rd Edition (Addison-Wesley-Longman: Reading Mass. 2000), 4th Edition (Addison Wesley: Boston 2003), 5th Edition (Pearson/Addison-Wesley: Boston 2006), 6th Edition (Pearson/Prentice Hall: Boston 2009), 7th Edition (Prentice Hall: Boston 2012), 8th Edition (Prentice Hall: Boston 2015), 9th Edition (Pearson: Boston 2018).
 13. *Inflation Targeting: Lessons from the International Experience* (Princeton University Press: Princeton, 1999) (with Ben Bernanke, Thomas Laubach and Adam Posen).
 14. *External Evaluation of IMF Economic Research Activities: Report by a Group of Independent Experts* (with Francesco Giavazzi and T.N. Srinivasan) (International Monetary Fund: Washington, D.C. 2000.)
 15. *Prudential Supervision: What Works and What Doesn't*, editor (University of Chicago Press: Chicago, 2001)
 16. *Conflicts of Interest in the Financial Services Industry: What Should We Do About Them?* (with Andrew Crockett, Trevor Harris and Eugene White) Geneva Reports on the

- World Economy 4 (International Center for Monetary and Banking Studies and Centre for Economic Policy Research: Geneva and London, 2003).
17. *Financial Stability in Iceland* (with Tryggvi T. Herbertsson) (Icelandic Chamber of Commerce: Reykjavik, Iceland, 2006)
 18. *The Next Great Globalization: How Disadvantaged Nations Can Harness Their Financial Systems to Get Rich* (Princeton University Press: Princeton, NJ 2006).
 19. *An Evaluation of Swedish Monetary Policy Between 1995 and 2005* (with Francesco Giavazzi) (Sveriges Riksdag: Stockholm, Sweden 2006).
 20. *Monetary Policy Under Inflation Targeting*, editor (with Klaus Schmidt-Hebbel) (Central Bank of Chile: Santiago 2007).
 21. *Monetary Policy Strategy* (MIT Press: Cambridge, Mass. 2007)
 22. *The Squam Lake Report: Fixing the Financial System*, (with Kenneth French, et. al) (Princeton University Press: Princeton, NJ, 2010).
 23. *Macroeconomics: Policy and Practice* (Addison-Wesley: Reading Mass. 2012), 2nd Edition (Pearson: Boston, 2015).
 24. *Exit Strategy* (with Alan Blinder, Donald Kohn and Thomas Jordan) Geneva Reports on the World Economy 15 (International Center for Monetary and Banking Studies and Centre for Economic Policy Research: Geneva and London, 2013).

ARTICLES

1. "Illiquidity, Consumer Durable Expenditure, and Monetary Policy," *American Economic Review*, 66 No. 4 (September 1976): 642-654.
2. "Household Liabilities and the Generalized Stock-Adjustment Model," *Review of Economics and Statistics* LVIII, No. 4, (November 1976): 481-485.
3. "Liquidity and the Role of Monetary Policy in Consumer Durable Demand," *New England Economic Review* (November/December 1976): 31-42.
4. "A Note on Short-Run Asset Effects on Household Saving and Consumption," *American Economic Review* No. 2 (March 1977): 246-248.
5. "What Depressed the Consumer? The Household Balance-Sheet and the 1973-75 Recession," *Brookings Paper on Economic Activity* (1977: 1): 123-164.
6. "Electric Utility Fuel Choice Behavior in the United States" (with Paul Joskow), *International Economic Review* 18 No. 3 (October 1977): 719-736.
7. "Illiquidity, the Demand for Residential Housing, and Monetary Policy" (with J. R. Kearl), *Journal of Finance* 37, No. 5 (December 1977): 1571-1586.
8. "Monetary Policy and Liquidity: Simulation Results," *Economic Inquiry* 16, No. 1 (January 1978): 16-36.
9. "Consumer Sentiment and Consumer Durable Expenditure," *Brookings Paper on Economic Activity* (1978: 1): 217-231.
10. "The Household Balance-Sheet and the Great Depression," *Journal of Economic History* 38 (December 1978): 918-937.
11. "Efficient Markets Theory: Implications for Monetary Policy," *Brookings Papers on Economic Activity* (1978: 3): 707-752.
12. "Simulation Methodology in Macroeconomics: An Innovation Technique," *Journal of Political Economy* 87 (August 1979): 816-836.
13. "Is the Preferred Habitat Model of the Term Structure Inconsistent with Financial Market Efficiency?" *Journal of Political Economy* 88 (April 1980): 406-411.
14. "Monetary Policy and Long-Term Interest Rates: An Efficient Markets Approach," *Journal of Monetary Economics* 7 (January 1981): 29-55.

15. "Are Markets Forecasts Rational?" *American Economic Review* 71 (June 1981): 295-306.
16. "The Real Rate of Interest: An Empirical Investigation," *Carnegie-Rochester Conference Series on Public Policy, The Cost and Consequences of Inflation* 15 (Autumn 1981): 151-200.
17. "Reply to Singleton" *Carnegie-Rochester Conference Series on Public Policy, The Costs and Consequences of Inflation* 15 (Autumn 1981): 213-218.
18. "Does Anticipated Monetary Policy Matter? An Econometric Investigation," *Journal of Political Economy* 90 (February 1982): 21-51.
19. "Monetary Policy and Short-Term Interest Rates: An Efficient Market-Rational Expectations Approach," *Journal of Finance* 37 (March 1982): 63-72.
20. "The Sensitivity of Consumption to Transitory Income: Estimates from Panel Data on Households" (with Robert E. Hall), *Econometrica*, 50 (March 1982): 461-481.
21. "Does Anticipated Aggregate Demand Policy Matter? Further Econometric Results," *American Economic Review* 72 (September 1982): 788-802.
22. "A Rational Expectations Approach to Macroeconometrics," *NBER Reporter* (Winter 1982/83): 4-7.
23. "An Integrated View of Tests of Rationality, Market Efficiency and the Short-Run Neutrality of Monetary Policy" (with Andrew Abel) *Journal of Monetary Economics* (January 1983): 3-24.
24. "On the Econometric Testing of Rationality-Market Efficiency," (with Andrew Abel), *The Review of Economics and Statistics* 65 (May 1983): 318-23.
25. "Comments on the Non-Market Clearing, Rational Expectations Approach to Macroeconomics," in *Monetary Policy Issues in the 1980's*, Federal Reserve Bank of Kansas City, Kansas City, MO., 1982: 83-86.
26. "Comments on Remarkable Survival of Non-Market-Clearing Assumptions," in the *Carnegie-Rochester Conference Series on Public Policy*, vol. 19 (Autumn, 1983): 247-56.
27. "Discussion of Asset Substitutability and the Impact of Federal Deficits," in Laurence H. Meyer, ed. *The Economic Consequences of Government Deficits*, (Kluwer-Nijhoff: Boston 1983): 117-20.

28. "Discussion of `Recent Velocity Behavior, The Demand for Money and Monetary Policy,'" in *Monetary Targeting and Velocity* (Federal Reserve Bank of San Francisco: San Francisco, December 1983): 129-133.
29. "The Real Interest Rate: A Multi-Country Empirical Study," *The Canadian Journal of Economics* 17 (May 1984): 283-311.
30. "Inflation and Real Interest Rates on Assets with Different Risk Characteristics," (with John Huizinga) *Journal of Finance* 39 (July 1984): 699-712.
31. "Are Real Interest Rates Equal Across Countries? An Empirical Investigation of International Parity Conditions," *Journal of Finance* 39 (December 1984): 1345-1357.
32. "The Causes of Inflation," in *Price Stability and Public Policy* (Federal Reserve Bank of Kansas City: Kansas City, MO., 1984): 1-24.
33. "Real Interest Rates in Europe and the United States: 1973-83" (with Robert Cumby), in Rudiger Dornbusch and Alberto Giovannini (eds.) *Thema: Europe and the Dollar* (Istituto Bancario San Paolo di Torino, Turin 1985): 145-167.
34. "The International Linkage of Real Interest Rates: The European-U.S. Connection," (with Robert Cumby), *Journal of International Money and Finance*, 5 (March 1986): 5-24.
35. "Monetary Policy Regime Shifts and the Unusual Behavior of Real Interest Rates" (with John Huizinga), *Carnegie-Rochester Conference Series on Public Policy*, 24 (Spring 1986): 231-74.
36. "How Robust are the Results? A Reply" (with John Huizinga), *Carnegie-Rochester Conference Series on Public Policy*, 24 (Spring 1986): 289-302.
37. "A Comment on `International Capital Mobility and Crowding Out in the U.S. Economy" in R.W. Hafer, ed., *How Open is the Economy* (Lexington Books, D.C. Heath: Lexington, Mass., 1986): 69-73.
38. "U.S. Macroeconomic Policy and Performance in the 1980s: An Overview," Hugh Patrick and Ryuichiro Tachi, eds., *Japan and the United States Today: Exchange Rates, Macroeconomic Policies, and Financial Market Innovations* (Center of Japanese Economy and Business Distributed by Columbia University Press: New York, 1987): 37-53.
39. "The Dollar and Real Interest Rates: A Comment," *Carnegie-Rochester Conference Series on Public Policy*, vol. 27 (Autumn 1987): 141-48.

40. "The Rational Expectations Revolution," *Yale Economics and Business Review* 5, (February/March 1988): 14-15.
41. "The Information in the Term Structure: Some Further Results," *Journal of Applied Econometrics* 3 (October-December 1988): 307-14.
42. "Understanding Real Interest Rates," *American Journal of Agricultural Economics* 70 (December 1988): 1064-72.
43. "Commentary on Causes of Changing Financial Market Volatility," in *Financial Market Volatility* (Federal Reserve Bank of Kansas City: Kansas City, 1988): 23-32.
44. "Econometric Tests of Rationality and Market Efficiency: A Comment," *Econometric Reviews* 8 (1989): 197-200.
45. "Comment on Who Put the Mania in Tulipmania," in Eugene N. White (ed.) *Crashes and Panics in Historical Perspective*, (Dow Jones/Irwin: Homewood, Ill. 1990): 57-60.
46. "What Does the Term Structure Tell Us About Future Inflation?" *Journal of Monetary Economics* 25 (January 1990): 77-95.
47. "Can Futures Market Data Be Used to Understand the Behavior of Real Interest Rates?" *Journal of Finance*, 45 (March 1990): 245-57.
48. "The Information in the Longer-Maturity Term Structure About Future Inflation," *Quarterly Journal of Economics*, 55, (August 1990):815-28.
49. "Does Correcting For Heteroscedasticity Help?" *Economics Letters* 34 (1990): 351-56.
50. "Financial Innovation and Current Trends in U.S. Financial Markets," in Martin Feldstein and Yutaka Kosai, eds., *U.S.-Japan Economic Forum*, 1 (National Bureau of Economic Research and Japan Center for Economic Research: Cambridge, Mass. 1990): 63-77. Reprinted in Japanese in *Monthly Kinyu Journal* 3, May 1992: 37-40.
51. "Asymmetric Information and Financial Crises: A Historical Perspective," in R. Glenn Hubbard, ed., *Financial Markets and Financial Crises* (University of Chicago Press: Chicago, 1991): 69-108.
52. "A Multi-Country Comparison of Term Structure Forecasts at Long Horizons," (with Philippe Jorion) *Journal of Financial Economics*, 29, (January 1991): 59-80.
53. "A Multi-Country Study of the Information in the Term Structure About Future Inflation," *Journal of International Money and Finance*, 19, (March 1991): 2-22.

54. "An Evaluation of the Treasury Plan for Banking Reform," *Journal of Economic Perspectives*, 6, No. 1, (Winter 1992): 133-53.
55. "The Financial System," in Godfrey Hodgson, ed., *The United States*, Volume 3 (Facts on File: New York 1992): 1365-1392.
56. "Yield Curve," in John Eatwell, Murray Milgate and Peter Newman, eds., *The New Palgrave Dictionary of Money and Finance* (Macmillan Press; London 1992).
57. "Anatomy of a Financial Crisis," *Journal of Evolutionary Economics*, 2, (1992): 115-130.
58. "Central Bank Behavior and the Strategy of Monetary Policy: Observations from Six Industrialized Countries," (with Ben Bernanke), *NBER Macroeconomics Annual*, 1992, pp. 183-228.
59. "Is the Fisher Effect for Real? A Reexamination of the Relationship Between Inflation and Interest Rates," *Journal of Monetary Economics*, 30, October 1992, pp. 195-215.
60. "A Comment on 'Monetary Union, Money Demand and Money Supply: A Review of the German Monetary Union.'" *European Economic Review* 37 (May 1993): 832-36.
61. "Comment on 'European Monetary Policy in Stage Three: What are the Issues?'" in Guillermo de la Dehesa, Alberto Giovannini, Manuel Guitian, and Richard Portes, eds. *The Monetary Future of Europe* (CEPR: London, 1993)
62. "Preventing Financial Crises: An International Perspective," *Manchester School*, 62, (1994): 1-40.
63. "Commentary on 'Can the Central Bank Achieve Price Stability?'" in Federal Reserve Bank of St. Louis, *Review, Money Stock Measurement: History, Theory and Policy Implications*, 76, (March/April 1994): 204-207.
64. "Discussion of 'Experiences with Current Account Deficits Among Asian Economies: Lessons for Australia?'" in Phillip Lowe and Jacqueline Dwyer, eds., *International Integration of the Australian Economy* (Reserve Bank of Australia: Sydney 1994): 304-307.
65. "Nonstationarity of Regressors and Tests of Real-Interest-Rate Behavior," *Journal of Business and Economic Statistics*, 13 (January 1995): 47-51.
66. "An Empirical Examination of the Fisher Effect in Australia," (with John Simon), *Economic Record*, 71, (September 1995): 227-239.

67. "Comment on Systemic Risk" *Research in Financial Services Private and Public Policy* 7 (1995): 31-45.
68. "Symposium on the Monetary Transmission Mechanism," *Journal of Economic Perspectives*, 9, #4 (Fall 1995): 3-10.
69. "El Declive de la Banca Tradicional: Implicaciones Para la Estabilidad Financiera y la Politica de Regulacion," (With Franklin Edwards), *Moneda y Credito* 200 (1995): 53-85.
70. "The Decline of Traditional Banking: Implications for Financial Stability and Regulatory Policy," (with Franklin Edwards), Federal Reserve Bank of New York, *Economic Policy Review*, Vol. 1, # 2 (July 1995): 27-45
71. "The Channels of Monetary Transmission: Lessons for Monetary Policy," *Banque De France Bulletin Digest* No. 27 (March 1996): 33-44 and as "Les Canaux de Transmission Monetaire: Lecons pur la Politique Monetaire," in *Bulletin De La Banque De France* No. 27 (March 1996): 91-105.
72. "The Yield Curve as a Predictor of U.S. Recessions," (with Arturo Estrella) *Current Issues in Economics and Finance*, vol. 2, #7 (June 1996): 1-6.
73. "The Yield Curve as a Predictor of Recessions in the United States and Europe," in *The Determination of Long-Term Interest Rates and Exchange Rates and the Role of Expectations* (Bank for Intentional Settlements: Basle 1996): 324-337.
74. "Comment on 'Capital Flows to Latin America: Is There Evidence of Contagion Effects?'" in Guillermo A Calvo, Morris Goldstein, Eduard Hochreiter, eds. *Private Capital Flows to Emerging Markets After the Mexican Crisis* (Institute for International Economics: Washington, D.C. 1996): 181-184.
75. "Interest Rates and the Business Cycle," in David Glasner, ed., *Business Cycles and Depression: An Encyclopedia* (Garland: New York 1996): 329-33.
76. "The Rational Expectations Revolution: A Review Article of: Preston J. Miller, ed.: The Rational Expectations Revolution, Readings from the Front Line," *Economic Systems* merged with *Journal of International and Comparative Economics* 20, No. 2/3 (1996): 213-26.
77. "Understanding Financial Crises: A Developing Country Perspective," in Michael Bruno and Boris Pleskovic, eds., *Annual World Bank Conference on Development Economics* 1996 (World Bank: Washington D.C. 1996): 29-62.
78. "Financial Crises," *NBER Reporter* (Winter 1996/7): 10-12

79. Comment on "Japanese Monetary Policy, Rules or Discretion? A Reconsideration," in Iwao Koroda, ed., *Toward More Effective Monetary Policy* (St. Martin's Press: New York, 1997): 280-284.
80. "Inflation Targeting: A New Framework for Monetary Policy?" (with Ben Bernanke) *Journal of Economic Perspectives* 11, 2 (Spring 1997): 97-116. Reprinted in Alec Chrystal and Paul Mizen, eds., *Recent Developments in Monetary Policy* (Edward Elgar: Cheltenham UK 2009) pp. 210-229.
81. "What Monetary Policy Can and Cannot Do," in Edward Hochreiter, ed., *Monetary Policy in Transition in East and West: Strategies, Instruments and Transmission Mechanisms* (Oesterreichische Nationalbank: Vienna, 1997): 13-32.
82. "Inflation Targeting: Lessons from Four Countries," (with Adam Posen), Federal Reserve Bank of New York, *Economic Policy Review*, vol. 3, #3 (August 1997): 9-110, and reprinted in *Finance a Uver* (4/1998): 252-294.
83. "Is There a Role for Monetary Aggregates in the Conduct of Monetary Policy," (with Arturo Estrella), *Journal of Monetary Economics*, 40:2, (October 1997): 279-304.
84. "Comment on 'The Optimum Quantity of Money'," *Journal of Money Credit and Banking*, 29, No. 4 (November 1997, Part 2): 716-719.
85. "Evaluating FDICIA," in George Kaufman, ed., *Research in Financial Services: Private and Public Policy*, Vol. 9 (1997) *FDICIA: Bank Reform Five Years Later and Five Years Ahead* (JAI Press: Greenwich, Conn, 1997): 17-33.
86. "The Predictive Power of the Term Structure of Interest Rates: Implications for the European Central Bank," (with Arturo Estrella), *European Economic Review*, Vol. 41 (1997): 1375-1401.
87. "Strategies for Controlling Inflation," in Phillip Lowe, ed., *Monetary Policy and Inflation Targeting* (Reserve Bank of Australia: Sydney 1997): 7-38.
88. "The Causes and Propagation of Financial Instability: Lessons for Policymakers," *Maintaining Financial Stability in a Global Economy* (Federal Reserve Bank of Kansas City, Kansas City, MO., 1997): 55-96.
89. "The Mexican Financial Crisis of 1994-95," in Scheherazade S. Rehman, ed., *Financial Crisis Management in Regional Blocs* (Kluwer Academic Publishers: Boston, 1998): 149-181.

90. "Bank Consolidation: A Central Banker's Perspective," in Yakov Amihud and Geoffrey Miller, eds., *Mergers of Financial Institutions* (Kluwer Academic Publishers: Boston 1998): 3-19.
91. "Predicting U.S. Recessions: Financial Variables As Leading Indicators," (with Arturo Estrella) *Review of Economics and Statistics*, Vol 80, No. 1 (February 1998): 45-61.
92. "With Inflation Down, Should We Fear Deflation?" *TIAA-CREF Investment Forum*, Vol 2, No. 3 (Summer 1998) p. 6.
93. "The Dangers of Exchange Rate Pegging in Emerging-Market Countries" *International Finance*, Vol 1, # 1 (October 1998): 81-101.
94. "International Capital Movements, Financial Volatility and Financial Instability," *Schriften des Vereins für Socialpolitik, Band 261, zugleich Beiheft 7, Zeitschrift für Wirtschafts- und Sozialwissenschaften, Jahrestagung 1997, Finanzmärkte im Spannungsfeld von Globalisierung, Regulierung und Geldpolitik*, Dieter Duwendag, ed. (Drucker & Humblot: Berlin 1998):11-40.
95. "Promoting Japanese Recovery," in Kenichi Ishigaki and Hiroyuki Hino, eds., *Towards the Restoration of Sound Banking Systems in Japan -- the Global Implications* (Kobe University Press and International Monetary Fund: Kobe 1998). 130-161.
96. "The Case for Inflation Targets: How to Make the Fed Foolproof," *Fortune*, March 1, 1999: 52-53.
97. "Central Banking in a Democratic Society: Implications for Transition Countries," *Zagreb Journal of Economics*, Vol 3, #3 (1999):51-74 and in Mario Blejer and Marko Skreb, eds. *Central Banking, Monetary Policy and the Implications for Transition Economies* (Kluwer Academic Publishers: Boston 1999): 31-53.
98. "Financial Consolidation: Dangers and Opportunities" *Journal of Banking and Finance*, (February 1999) vol. 23, Nos 2-4: 675-91.
99. "Comment on "Does Inflation Harm Economic Growth? Evidence from the OECD," in Martin Feldstein, ed., *The Costs and Benefits of Price Stability* (University of Chicago Press: Chicago, 1999): 342-346.
100. "Rethinking the Role of NAIRU in Monetary Policy: Implications of Model Formulation and Uncertainty" (with Arturo Estrella) in John Taylor, ed., *Monetary Policy Rules* (University of Chicago Press for the NBER: Chicago 1999): 405-430.
101. "Comment on 'Policy Rules for Inflation Targeting'" in John Taylor, ed., *Monetary Policy Rules* (University of Chicago Press for the NBER: Chicago 1999): 247-252.

102. "What Will Technology Do to Financial Structure?" (with Philip Strahan) *Brookings-Wharton Papers on Financial Services*, 1999: 249-277.
103. "International Experiences with Different Monetary Policy Regimes," *Journal of Monetary Economics*, Vol. 43, #3 (June 1999): 579-606.
104. "Lessons from the Asian Crisis," *Journal of International Money and Finance*, 18, 4 (August 1999): 709-723. Reprinted in *Realizing Rational Exuberance* (World Scientific: London, 2013).
105. "Missing the Mark: The Truth About Inflation Targeting," *Foreign Affairs*, 78, 5 (September/October 1999): 158-62.
106. "Lessons from the Tequila Crisis," *Journal of Banking and Finance*, 23 (1999) 1521-1533.
107. "Inflation Targeting: Fed Policy After Greenspan," (with Ben Bernanke and Adam Posen), *Milken Institute Review*, (Fourth Quarter, 1999): 48-56.
108. "Global Financial Instability: Framework, Events, Issues," *Journal of Economic Perspectives*, (Fall 1999), Volume 13, #4: 3-20.
109. "What Happens When Greenspan is Gone," (with Ben Bernanke and Adam Posen) *Wall Street Journal*, January 5, 2000: p. A22.
110. "Inflation Targeting in Emerging Market Countries," *American Economic Review* (May 2000), Vol. 90, #2: 105-109.
111. "Securing a Safety Net Against Economic Free Fall," *Financial Times*, June 6, 2000, Part Seven: 6-7.
112. "Moral Hazard and Reform of the Government Safety Net," in Joseph Bisignano, Curt Hunter, and George Kaufman, eds., *Global Financial Crises: Lessons from Recent Events* (Kluwer Academic Publishers: Boston, 2000): 261-269.
113. "The Korean Financial Crisis: An Asymmetric Information Perspective," (with Joon-Ho Hahm) *Emerging Markets Review*, Vol.1, #1 (2000): 21-52.
114. "Comment on 'The Onset of the East Asian Financial Crisis,'" in Paul Krugman, ed., *Currency Crises* (University of Chicago Press: Chicago, 2000): 153-61.
115. "Financial Market Reform," in Anne Krueger, ed. *Economic Policy Reform: The Second Stage* (University of Chicago Press: Chicago, 2000): 511-47.

116. "What Should Central Banks Do?" Federal Reserve Bank of St. Louis *Review*, vol. 82, #6 (November/December 2000): 1-13.
117. "Systemic Risk, Moral Hazard and the International Lender of Last Resort," in Uri Dadush, Dipak Dasgupta and Marc Uzan, eds. *Private Capital Flows in the Age of Globalization: The Aftermath of the Asian Financial Crisis* (Edward Elgar: Aldershot, U.K., 2000.)
118. "Financial Stability and the Macroeconomy," in Mar Guomundsson, Tryggvi Thor Herbertsson and Gylfi Zoega, eds., *Macroeconomic Policy: Iceland in an Era of Global Integration* (University of Iceland Press: Reykjavik, Iceland, 2000): 341-373.
119. "Reforming Bank Supervision: Discussion," in *Building and Infrastructure for Financial Stability*, (Federal Reserve Bank of Boston: Boston, 2000): 134-138.
120. "Causes of the Korean Financial Crisis: Lessons for Policy," (with Joon-Ho Hahm) in Inseok Shin, ed., *The Korean Crisis, Before and After* (Korean Development Institute: Seoul, 2000): 55-144.
121. "Comments and Discussion of 'Short- and Long-Run Integration: Do Capital Controls Matter'" in Susan Collins and Dani Rodrik, eds., *Brookings Trade Forum, 2000* (Brookings Institution Press: Wash. D.C., 2001): 167-71.
122. "Prudential Supervision: Why Is It Important and What are the Issues?" in Frederic S. Mishkin, ed., *Prudential Supervision: What Works and What Doesn't*, editor (University of Chicago Press: Chicago, 2001): 1-29.
123. "Discussion of 'Why Price Stability?'" in A.G. Herrero, V. Gaspar, L. Googduin, J. Morgan, B. Winkeler, eds. *Why Price Stability? First European Central Bank Monetary Conference*, (European Central Bank: Frankfurt 2001): 208-13.
124. "Comment on 'The Importance of Emerging Markets'" *Brookings-Wharton Papers on Financial Services*, 2001 Robert E. Litan and Richard Herring, eds. (Brookings Institution Press: Washington, D.C. 2001): 46-50.
125. "Issues in Inflation Targeting," in *Price Stability and the Long-Run Target for Monetary Policy*, (Bank of Canada: Ottawa, Canada, 2001): 203-222.
126. "The International Lender of Last Resort: What are the Issues?" Horst Siebert, ed. *The World's New Financial Landscape: Challenges for Economic Policy*, (Springer-Verlag: Berlin, 2001): 291-312.

127. "The Transmission Mechanism and the Role of Asset Prices in Monetary Policy," in *Aspects of the Transmission Mechanism of Monetary Policy, Focus on Austria 3-4/2001*. (Osterreichische Nationalbank: Vienna 2001): 58-71.
128. "Monetary Policy Strategies for Latin America," (with Miguel Savastano), *Journal of Development Economics*, 66, 2 (December 2001): 415-444.
129. "How Can Central Banks Cope with Changes in the Structure of the Financial Industry," in Banque de France, *Financing European Economies: Issues and Policy Options* (Banque de France: Paris 2001): 389-97.
130. "Theoretical Aspects of Monetary Policy Strategies in Emerging Market Countries," (with Miguel Savastano) *Zagreb Journal of Economics*, Vol. 5, No. 8 (2001): 53-80.
131. "One Decade of Inflation Targeting in the World: What Do We Know and What Do We Need to Know?" (with Klaus Schmidt-Hebbel) in Norman Loayza and Raimundo Soto, eds., *Inflation Targeting: Design, Performance, Challenges* (Central Bank of Chile: Santiago 2002): 171-219.
132. "Monetary Policy," *NBER Reporter* (Winter 2001/2002): 8-11.
133. "Comment on 'Does Inflation Targeting Matter?'" Federal Reserve Bank of St. Louis *Review*, Vol. 84, #2 (July/August 2002): 149-153.
134. "Staying Vigilant on Prices" forthcoming, *TIAA-CREF Investment Forum*, Vol. 6, No. 3 (September 2002): 9, 16.
135. "From Monetary Targeting to Inflation Targeting: Lessons from the Industrialized Countries," in Banco de Mexico, *Stabilization and Monetary Policy: The International Experience* (Bank of Mexico: Mexico City, 2002): 99-139.
136. "Inflation Targeting," in Howard Vane and Brian Snowdon, *Encyclopedia of Macroeconomics* (Edward Elgar: Cheltenham U.K., 2002): 361-65.
137. "The Role of Output Stabilization in the Conduct of Monetary Policy," *International Finance*, Vol. 5, #2 (Summer 2002): 213-227.
138. "Monetary Policy Strategies for Emerging Market Countries: Lessons from Latin America," (with Miguel Savastano) *Comparative Economic Studies* Vol. XLIV, No. 2 (Summer 2002): 45-83.
139. "Overview" in *Rethinking Stabilization Policy* (Federal Reserve Bank of Kansas City: Kansas City, MO., 2002): 439-446.

140. "U.S. Stock Market Crashes and Their Aftermath: Implications for Monetary Policy," (with Eugene White) in William B. Hunter, George G. Kaufman and Michael Pomerleano, eds., *Asset Price Bubbles: The Implications for Monetary, Regulatory and International Policies* (MIT Press, Cambridge Mass. 2003): 53-79.
141. "Financial Policies and the Prevention of Financial Crises in Emerging Market Countries," in Martin Feldstein, ed., *Economic and Financial Crises in Emerging Market Countries* (University of Chicago Press: Chicago, 2003): 93-130.
142. "Stock Market Bubbles: When Does Intervention Work?" (with Eugene White) *Milken Institute Review* (Second Quarter 2003): 44-52.
143. "Discussion of 'Deflation and Monetary Policy in Japan," in Center on Japanese Economy and Business, *Symposium*, March 31, 2003: 6-8.
144. "The Mirage of Exchange Rate Regimes for Emerging Market Countries," (with Guillermo Calvo), *Journal of Economic Perspectives*, Vol. 17, No. 4 (Fall 2003): 99-118.
145. "Comments on 'Inflation Targeting in Emerging Market Economies'", *NBER Macro Annual*, 2003: 403-413.
146. "The Fed's Current Approach Has Some Disadvantages" *International Economy*, Vol. 18, No. 1, Winter 2004: 28-29.
147. "Why the Fed Should Adopt Inflation Targeting," *International Finance* 7:1 (2004): 117-27.
148. "Conference Overview and Summary of Papers" in *Beyond Pillar 3 in International Banking Regulation: Disclosure and Market Discipline of Financial Firms*, Federal Reserve Bank of New York, *Economic Policy Review* Vol. 10., No. 2 (September 2004): 3-6.
149. "Can Central Bank Transparency Go Too Far?" in Christopher Kent and Simon Guttman, eds., *The Future of Inflation Targeting* (Reserve Bank of Australia: Sydney 2004): 48-65.
150. "Policy Remedies for Conflicts of Interest in the Financial System" in *Macroeconomics, Monetary Policy and Financial Stability: A Festschrift in Honour of Charles Freedman* (Bank of Canada: Ottawa, 2004):. 217-240.
151. "Inflation Targeting in Transition Countries: Experience and Prospects," (with Jiri Jonas) in Michael Woodford, ed., *Inflation Targeting* (University of Chicago Press: Chicago, 2005) pp. 353-413.

152. “Monetary Policy in Japan: Problems and Solutions” (with Takatoshi Ito) in Takatoshi Ito, Hugh Patrick and David Weinstein, eds. *Reviving Japan's Economy: Problems and Prescriptions* (MIT Press: Cambridge Mass. 2005), pp. 107-143.
153. “The Fed After Greenspan,” *Eastern Economic Journal*, vol. 31, no. 3, summer 2005, pp. 317-332
154. “Two Decades of Japanese Monetary Policy and the Deflation Problem,” (with Takatoshi Ito) in Takatoshi Ito and Andrew Rose, eds., *Monetary Policy Under Very Low Inflation Rates*, NBER East Asia Seminar on Economics, Vol. 15 (University of Chicago Press: Chicago, 2006), pp. 131-193.
155. “The Path to Wealth: Reform of Emerging Market Economies’ Financial Institutions is the Key to Growth,” *Worth* Vol. 15, No. 10 (October 2006) pp. 32-34.
156. “Promoting the Next Great Globalisation,” *Financial Times*, Tuesday, October 10, 2006, p. 13.
157. “How Big a Problem is Too Big to Fail?” *Journal of Economic Literature* vol XLIV (December 2006), pp. 988-1004.
158. “Getting to a Low Inflation Environment,” in Bank of Korea, *Monetary Policy in a Low Inflation Environment: The Bank of Korea International Conference 2006* (Bank of Korea: Seoul 2006): 7-24.
159. “Monetary Policy Strategy: How Did We Get Here?” *Panoeconomicus* Vol. LIII, No. 4 (2006), pp. 359-88
160. “Financial Stability and Globalization: Getting It Right,” in Santiago Fernandez de Lis and Fernando Restoy, eds., *Central Banks in the 21st Century* (Bank of Spain: Madrid, 2006), pp. 215-253.
161. “Comment on Murge Adalet and Barry Eichengreen, “Current Account Reversals: Always a Problem?” in Richard Clarida, ed., *G7 Current Account Imbalances* (University of Chicago Press: Chicago, 2007), pp. 242-245.
162. “Is Financial Globalization Beneficial?” *Journal of Money, Credit and Banking*, Vol. 39, No. 2-3 (March-April 2007), pp. 259-294.
163. “Does Inflation Targeting Matter?” (with Klaus Schmidt-Hebbel) in Frederic S. Mishkin and Klaus Schmidt-Hebbel, eds., *Monetary Policy Under Inflation Targeting* (Central Bank of Chile: Santiago 2007), pp. 291-372.

164. “Introduction” (with Klaus Schmidt-Hebbel) in Frederic S. Mishkin and Klaus Schmidt-Hebbel, eds., *Monetary Policy Under Inflation Targeting* (Central Bank of Chile: Santiago 2007), pp. 1-17. Reprinted as , “La Política Monetaria Bajo Metas De Inflación: Una Revisión,” *Economía Chilena*, Vol. 9, No. 3 (Diciembre 2006), pp. 5-17.
165. “The Inflation Targeting Debate,” Bank of Canada, *Annual Conference*, (Bank of Canada: Ottawa, 2006), pp. 195-220..
166. “Inflation Targeting: True Progress or Repackaging of an Old Idea?” in Swiss National Bank, ed., *The Swiss National Bank, 1907-2007* (Neue Zürcher Zeitung Publishing: Zurich, 2007), pp. 599-623.
167. “Inflation Dynamics,” *International Finance* Vol. 10, No. 3(2007), pp. 317-334, reprinted as “La Dinámica de La Inflación” in CEMLA Boletín, Vol 53, No. 3 (Julio-Septiembre)
168. “What Should We Do About China’s Foreign Exchange Rate Policy?” in Charles Calomiris, editor, *Chinese Financial Transition at the Crossroads* (Columbia University Press: New York, 2007).
169. “Housing and the Monetary Transmission Mechanism” Federal Reserve Bank of Kansas City, *Housing, Housing Finance, and Monetary Policy, 2007 Jackson Hole Symposium* (Federal Reserve Bank of Kansas City, Kansas City, 2007) pp. 359-413.
170. “Federal Reserve System” in Darity, William A., Jr. ed., *International Encyclopedia of the Social Sciences*, 2nd edition, Volume 3 (Macmillan Reference USA: Detroit 2008) pp. 110-111.
171. “Inflation Band Targeting and Optimal Inflation Contracts,” (with Niklas Westelius) *Journal of Money, Credit and Banking* Volume 40, No. 4 (June 2008), pp. 557-582.
172. “Can Inflation Targeting Work in Emerging Market Countries?” in Carmen Reinhart, Carlos Vegh and Andres Velasco, eds., *A Festschrift for Guillermo Calvo*. (MIT Press: Cambridge, MA, 2008), pp. 71-94.
173. “Comments” in *Leveraged Losses: Lessons from the Mortgage Meltdown*, Proceedings of the U.S. Monetary Policy Forum 2008 (Initiative on Global Markets, University of Chicago and Rosenberg Institute of Global Finance: Chicago, 2008), pp. 60-65.
174. “Don’t Worry About Inflation,” *Wall Street Journal*, Thursday, September 18, 2008, p. A25.

175. “Do Not Abandon Inflation Targets,” *Financial Times*, Wednesday, September 24, 2008, page 113.
176. “How Should We Respond to Asset Price Bubbles?” Banque de France, *Financial Stability Review*, vol. 12, *Valuation and Financial Stability* (October 2008), pp. 65-74.
177. “The Fed Still Has Plenty of Ammunition,” *Wall Street Journal*, Monday, December 15, 2008.
178. “Challenges for Inflation Targeting in Emerging Market Countries,” *Emerging Markets, Finance and Trade* Vol. 44, No. 6 (November-December 2008), pp. 5-16.
179. “Central Bank Commitment and Communication,” in A K Sohani and Katuri Nageswara Rao, eds., *Central Banks and Inflation Management: A Global Perspective* (Icfai University Press, Hyderabad, India 2008), , pp. 67-85.
180. “In Praise of an Explicit Number for Inflation,” *Financial Times*, Monday, January 12, 2009.
181. “Globalization, Macroeconomic Performance, and Monetary Policy,” *Journal of Money, Credit and Banking* Supplement to Vol. 41, No. 1 (February 2009), pp. 187-196.
182. “Will Monetary Policy Become More of a Science?” in Deutsche Bundesbank, ed., *Monetary Policy Over Fifty Years: Experiences and Lessons* (Routledge: London 2009), pp. 81-107. Reprinted in Volcker Wieland, Editor, *The Science and Practice of Monetary Policy Today* (Springer-Verlag: Berlin, 2010), pp. 81-103.
183. “Put Out the Fire Before Fixing the Sprinkler System,” (with Anil Kashyap) *Financial Times*, Tuesday, March 10, 2009, p. 11.
184. “Why We Shouldn’t Turn Our Backs on Globalization,” *IMF Staff Papers* Vol. 56, No. 1 (2009), pp. 139-170.
185. ”Is Monetary Policy Effective During Financial Crises,” *American Economic Review*, Vol 99, No. 2 (May 2009), pp. 573-577.
186. “Globalization and Financial Development,” *Journal of Development Economics*, Vol. 89, #2 (July 2009), pp. 164-169.
187. “How to Get the Fed Out of It’s ‘Box’,” *Wall Street Journal*, Monday, June 22, 2009, p. A15.

188. “Why All Regulatory Roads Lead to the Fed,” *Financial Times*, Tuesday, June 23, 2009, p. 9.
189. “The Fed is Already Transparent,” (with Anil Kashyap) *Wall Street Journal*, Tuesday, November 10, 2009, p. A25.
190. “Not All Bubbles Present a Risk to the Economy,” *Financial Times*, Tuesday, November 10, 2009, p. 11.
191. “Panel Discussion” in *Oil and the Macroeconomy: Lessons for Monetary Policy*, Proceedings of the U.S. Monetary Policy Forum 2009 (Initiative on Global Markets, University of Chicago and Rosenberg Institute of Global Finance: Chicago, 2009), pp. 80-86.
192. “Comments on* ‘Monetary Policy Rules in a Partially Dollarized Open Economy with Financial Market Imperfections’” in Jordi Gali and Mark Gertler, eds. *International Dimensions of Monetary Policy* (University of Chicago Press: Chicago, 2009), pp.311-317.
193. “The Financial Crisis and the Federal Reserve,” *NBER Macro Annual, 2009*, pp. 495-508.
194. “Commentary on ‘Fire, Flood and Lifeboats: Policy Response in the Global Crisis of 2007-2009,’” Reuven Glick and Mark M. Spiegel, eds. *Asia and the Global Financial Crisis*, Asia Economic Policy Conference (San Francisco: Federal Reserve Bank of San Francisco, 2009), pp. 251-257.
195. “Remarks on Systemic Risk and the International Lender of Last Resort,”in Douglas Evanoff, David Hoelscher and George Kaufman, editors *Globalization and Systemic Risk* (World Scientific Publishing Co. Pte. Ltd, New Jersey, 2009), pp. 27-38.
196. “Comments on Campbell, Shiller, and Viceira, ‘Understanding Inflation-Indexed Bond Markets’ ” *Brookings Papers on Economic Activity* (Spring 2009), pp. 121-126..
197. “Monetary Policy Flexibility, Risk Management, and Financial Disruptions,” *Journal of Asian Economics* 23 (June 2010), pp. 242-246.
198. “Don’t Monetize the Debt,” *Wall Street Journal*, Thursday, Sept. 9, 2010, p. A7.
199. “The Fed Must Adopt an Inflation Target,” *Financial Times*, Monday, October 25, 2010, p. 9.

200. “Financial Conditions Indexes: A Fresh Look After the Financial Crisis,” (with Jan Hatzius, Peter Hooper, Frederic Mishkin, Kermit L. Schoenholtz and Mark W. Watson) *U.S. Monetary Policy Forum* (Chicago: Chicago Booth Initiative on Global Markets, 2010) pp. 3-59.
201. “How Has the Monetary Transmission Mechanism Evolved Over Time? (with Jean Boivin and Michael T. Kiley), *Handbook of Monetary Economics* (Elsevier: Amsterdam, 2011), pp. 369-422.
202. “Over the Cliff: From the Subprime to the Global Financial Crisis,” *Journal of Economic Perspectives*, Vol. 25, No. 1 (Winter 2011), pp. 49-70.
203. “How Should Central Banks Respond to Asset-Price Bubbles? The ‘Lean’ versus ‘Clean’ Debate After the GFC? Reserve Bank of Australia *Bulletin* (June Quarter 2011), pp. 59-69.
204. “Monetary Policy Strategy: Lessons From the Crisis” in Marek Jarocinski, Frank Smets and Christian Thimann, eds. *Monetary Policy Revisited: Lessons from the Crisis*, Sixth ECB Central Banking Conference (European Central Bank: Frankfurt, 2011), pp. 67-118
205. “Politicians are Threatening the Fed’s Independence,” *Wall Street Journal*, Thursday, Sept. 29, 2011, p. A17.
206. “The Federal Reserve After the Crisis,” in Vincent Reinhart, editor, *No Way Out: Persistent Government Interventions in the Great Contraction* (Washington, D.C.: American Enterprise Institute, 2012), pp. 69-80.
207. “Macroprudential Policies in Open Emerging Market Economies” (with Joon-Ho Hahm, Hyun Song Shin and Kwanho Shin) in Reuven Glick and Mark M. Spiegel, eds. *Asia in the Post-Crisis Economy*, 2011 Asia Economic Policy Conference (San Francisco: Federal Reserve Bank of San Francisco, 2012) pp. 63-114.
208. “In Defense of the Fed’s New Interest-Rate Policy,” *Wall Street Journal*, Monday, January 7, 2013, p. A13.
209. “The Federal Reserve’s ‘Fiscal Crunch’ Trap,” (with David Greenlaw, James D. Hamilton and Peter Hooper) *Wall Street Journal*, Friday, March 8, 2013, p. A13.
210. “Monetary Policy is Evolving,” *Perspectives* (Special Edition 2013, Pictet and Cie), pp. 14-16.
211. “Crunch Time: Fiscal Crises and the Role of Monetary Policy,” (with David Greenlaw, James D. Hamilton, and Peter Hooper) *U.S. Monetary Policy Forum* (Chicago: Chicago Booth Initiative on Global Markets, 2013), pp. 5-60.

212. “Discussion of Takatoshi Ito’s “Great Inflation and Central Bank Independence in Japan,” in Michael Bordo and Athanasios Orphanides, editors, *The Great Inflation: The Rebirth of Modern Central Banking* (University of Chicago Press: Chicago, 2013)
213. “Commentary: Surprising Similarities: Recent Monetary Regimes of Small Economies” in Reuven Glick and Mark M. Spiegel, eds., *Prospects for Asia and the Global Economy*, 2013 Asia Economic Policy Conference (San Francisco: Federal Reserve Bank of San Francisco, 2013), pp. 193-198.
214. “Macroprudential and Monetary Policies” in Douglas Evanoff, Cornelia Hothausen, George Kaufman, Manfred Kremer, editors, *The Role of Central Banks in Financial Stability: How Has It Changed?* (World Scientific Publishing Co. Pte. Ltd, New Jersey, 2014), pp. 409-422.
215. “The Path of a Monetary Economist” in Lall Ramrattan and Michael Szenberg, editors, *Eminent Economists II: Their Life and Work Philosophies* (Cambridge U.K., Cambridge University Press, 2014), pp. 286-315.
216. “Central Banking After the Crisis,” in Sofia Bauducco, Lawrence Christiano and Claudio Raddatz, eds., *Macroeconomic and Financial Stability: Challenges for Monetary Policy* Sixteenth 16th Annual Conference of the Central Bank of Chile (Central Bank of Chile: Santiago, 2015), pp. 23-59
217. “Binding the Fed Won’t Help the Economy,” *Bloomberg View*, February 24, 2016. <http://www.bloombergview.com/articles/2016-02-24/binding-the-fed-won-t-help-the-economy>
218. “The Fed Shouldn’t Watch the Calendar,” *Bloomberg View*, March 10, 2016. <http://www.bloombergview.com/articles/2016-03-10/the-fed-shouldn-t-watch-the-calendar>
219. “Unprecedented Actions: The Federal Reserve’s Response to the Global Financial Crisis in Historical Perspective,” (with Eugene White) in Mark Wynne and Michael Bordo, eds., *The Federal Reserve System’s Role in the Global Economy: An Historical Perspective* (Cambridge University Press: Cambridge 2016), pp. 220-258.
220. “2% Forever? Rethinking the Inflation Target,” in Oesterreichische Nationalbank, *Central Banking in Times of Change* (2016), pp. 92-101.
221. “Rethinking Monetary Policy After the Crisis,” *Journal of International Money and Finance*, Vol. 73, Part B (May 2017), pp. 252-274.

222. “Language After Liftoff: Fed Communication Away from the Zero Lower Bound,” (with Michael Feroli, David Greenlaw, Peter Hooper, Frederic S. and Amir Sufi). *Research in Economics*, volume 71, issue 3, September 2017, pp. 452-490.
223. “Monetary Policy Communication and Inflation Expectations,” *New Horizons of Global Monetary Policy: Emerging Economies and Latin America: More Questions than Answers* (Fondo Latinoamericano de Reservas, 2018), pp. 24-45.
224. “Improving the Use of Discretion in Monetary Policy,” *International Finance*, Volume 21, December 2018, pp. 224-238.
225. “Modern Central Banking”, in Berger, Allen, Molyneux and John O.S. Wilson, eds. *The Oxford Handbook of Banking*, Third Edition (Oxford University Press: Oxford, 2019), pp. 57-601.
226. “The Phillips Curve: Dead or Alive” (with Peter Hooper and Amir Sufi). *VOX*, October 23, 2019, <https://voxeu.org/article/phillips-curve-dead-or-alive>
227. “Prospects for Inflation in a High-Pressure Economy: Is the Phillips Curve Dead or is it Just Hibernating?” (with Peter Hooper and Amir Sufi). *Research in Economics*, March 2020, Vol. 74, #1, pp. 26-62.
228. “Columbia Business School Roundtable on the Fed’s Response to the Global Financial Crisis—and Now the Pandemic” (with Patricia Mosser, Kate Davidson and Pierre Yared). *Journal of Applied Corporate Finance*, Vol 32, No. 4, Fall 2020, pp. 82-89.
229. “Flaws are Evident in the Fed’s Approach to Inflation,” *Financial Times*, Monday, January 10, 2022.
230. “The Fed Must Avoid Volcker’s Mistake on Inflation,” *Financial Times*, Thursday, September 15, 2022.
231. “Fed Now on Right Track to Price Stability,” *Financial Times*, Wednesday, March 8, 2023.
232. “Central Banking Post Crises,” IN Berger, Allen N. , Molyneux, Phillip, and John O.S. Wilson, editors, *Oxford Handbook of Banking*, 4th edition, forthcoming (with Michael T. Kiley)