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## **Kevin L. Kliesen**

Business Economist and Research Officer

**Joined the Bank**      October 1988

### **Education**

1989            M.A. Economics, Colorado State University  
1985            B.S. Agricultural Business, Colorado State University

**Areas of Interest**      Business Economics, Macroeconomics, Forecasting, Monetary and Fiscal Policy Analysis

### **Previous Experience**

2006-2013            Lecturer, Economics Department, Washington University in St. Louis,  
1991-2009            Associate Economist, Federal Reserve Bank of St. Louis Research Division  
1993-1994            Economics Instructor, St. Louis Community College at Meramec  
1988-1991            Research Assistant, Federal Reserve Bank of St. Louis

### **Journal Publications**

“A Comparison of Fed ‘Tightening’ Episodes since the 1980s,” *International Journal of Central Banking*, Vol. 19, No. 3, August 2023, pp. 423-450.

“FRED-SD: A Real-Time Database for State-Level Data with Forecasting Applications,” with Kathryn O. Bokun, Laura E. Jackson and Michael T. Owyang, *International Journal of Forecasting*, Vol. 39, Issue 1, January-March 2023, pp. 279-297.

“The Nonlinear Effects of Uncertainty Shocks,” with Laura E. Jackson and Michael T. Owyang, *Studies in Nonlinear Dynamics & Econometrics*, September 2020, 24(4), pp. 69-91, 20190024, pp. online. Publisher DOI: <https://www.degruyter.com/view/journals/snde/24/4/article-20190024.xml>

"Monetary Policy and Crude Oil: Prices, Production, and Consumption, by Basil Oberholzer (Book Review)," *Energy Journal*, 2019, Vol. 40, No. 4, pp. 255-58. Publisher DOI: <http://www.iaee.org/en/publications/init2.aspx?id=0>

“Is American Manufacturing in Decline?” with John A. Tatom, *Business Economics*, July 2018, Vol 53(3), pp. 107-23.

“Three Challenges to Central Bank Orthodoxy,” with James Bullard, *Business Economics*, October 2015, Vol. 50(4), pp. 191-99.

“How Does the FOMC Learn About Economic Revolutions? Evidence from the New Economy Era,” with Richard G. Anderson, *Business Economics* (January 2012), pp. 27-56.

“Do Oil Shocks Drive Business Cycles? Some U.S. and International Evidence,” with Kristie M. Engemann and Michael T. Owyang, *Macroeconomic Dynamics*, November 2011, Vol. 15(S3), pp. 498-517.

“Deregulation or Reregulation of Agricultural Banks,” with R. Alton Gilbert, *American Journal of Agricultural Economics* (August 1995), pp. 757-61.

“Effects on Interest Rates of Immediately Releasing FOMC Directives,” with Michael T. Belongia, *Contemporary Economic Policy* (October 1994), pp. 1-13.

### **Working Papers**

What the Transcripts Reveal About the FOMC’s Pre-Emptive Easing in July 1995, 2024-029.

Risk Management in Monetary Policymaking: The 1994-95 Fed Tightening Episode, 2023-12

How Does the FOMC Learn About Economic Revolutions? Evidence from the New Economy Era, 1994-2001, 2011-041

### **Articles in Federal Reserve Bank of St. Louis Publications**

“The COVID-19 Pandemic and Inflation: Lessons from Major US Wars,” Federal Reserve Bank of St. Louis *Review*, Fourth Quarter 2023, Vol. 105(4), pp. 234-60.

“Weaker GDP Growth, Inflation Uncertainty Dim U.S. Economic Outlook,” Federal Reserve Bank of St. Louis *Regional Economist*, Fourth Quarter 2022, Vol. 30, No. 4.

“GDP Growth, Decelerating Inflation in U.S. Economic Outlook,” Federal Reserve Bank of St. Louis *Regional Economist*, Third Quarter 2022, Vol. 30, No. 3.

“GDP Decline, Inflation Heighten Uncertainty in U.S. Economic Outlook,” Federal Reserve Bank of St. Louis *Regional Economist*, Second Quarter 2022, Vol. 30, No. 2.

“Inflation Remains Key Threat Despite Strong U.S. Economic Outlook,” Federal Reserve Bank of St. Louis *Regional Economist*, First Quarter 2022, Vol. 30, No. 1.

“Inflation Remains Wild Card in U.S. GDP Outlook for 2022,” Federal Reserve Bank of St. Louis *Regional Economist*, Fourth Quarter 2021, Vol. 29, No. 4.

“Higher-Than-Expected Inflation, Delta Variant Could Slow Real GDP Growth,” Federal Reserve Bank of St. Louis *Regional Economist*, Third Quarter 2021, Vol. 29, No. 3.

“Economy Improves Quickly but Inflation Increases,” Federal Reserve Bank of St. Louis *Regional Economist*, Second Quarter 2021, Vol. 29, No. 2.

“Economic Improvements Anticipated in the Months Ahead,” Federal Reserve Bank of St. Louis *Regional Economist*, First Quarter 2021, Vol. 29, No. 1.

“Managing a New Policy Framework: Paul Volcker, the St. Louis Fed, and the 1979-82 War on Inflation,” Federal Reserve Bank of St. Louis *Review*, First Quarter 2021, Vol. 103, No. 1, pp. 71-97.

"Improving Conditions Could Bode Well for Economic Recovery," Federal Reserve Bank of St. Louis *Regional Economist*, December 2020, Vol. 28, No. 4.

"Forecasts Point to Cautious Optimism for Near-term Rebound," Federal Reserve Bank of St. Louis *Regional Economist*, September 2020, Vol. 28, No. 3.

"Economic Uncertainty Means Approaching GDP Forecasts with Caution," Federal Reserve Bank of St. Louis *Regional Economist*, June 2020, Vol. 28, No. 2.

"Forecasters Eye Uncertainties When Sizing Up U.S. Economic Outlook," Federal Reserve Bank of St. Louis *Regional Economist*, March 2020, Vol. 28, No. 1.

“Gauging Market Responses to Monetary Policy Communication,” with Brian Levine and Christopher J. Waller, Federal Reserve Bank of St. Louis *Review*, Second Quarter 2019, 101(2), pp. 69-91.

“Headwinds, Tailwinds, and Whirlwinds: Forecasting the 2019 Economy,” Federal Reserve Bank of St. Louis *The Regional Economist*, First Quarter 2019, p. 22.

“Forecasters See U.S. GDP Growth Easing in 2019 After 2018 Surge,” Federal Reserve Bank of St. Louis *The Regional Economist*, Fourth Quarter 2018, p. 21.

“Solid Economic Growth Seen During Rest of 2018,” Federal Reserve Bank of St. Louis *The Regional Economist*, Third Quarter 2018, p. 21.

“U.S. Economic Growth Appears Solid This Year,” Federal Reserve Bank of St. Louis *The Regional Economist*, Second Quarter 2018, p. 22.

“U.S. Economy Continues to Strengthen,” Federal Reserve Bank of St. Louis *The Regional Economist*, forthcoming, First Quarter 2018, p. 22.

“Living Standards in St. Louis and the Eighth Federal Reserve District: Let’s Get Real,” with Cletus C. Coughlin and Charles S. Gascon, Federal Reserve Bank of St. Louis *Review*, Fourth Quarter 2017, 99(4), pp. 377-94.

“Economy Bounces Back from Hurricanes,” Federal Reserve Bank of St. Louis *The Regional Economist*, Fourth Quarter 2017, p. 16.

“Momentum Appears to Have Swung Upward for Economy,” Federal Reserve Bank of St. Louis *The Regional Economist*, Third Quarter 2017, p. 15.

“Handle with Care: Report on GDP for First Quarter,” Federal Reserve Bank of St. Louis *The Regional Economist*, Second Quarter 2017, p. 19.

“Signals Are Mixed, but Optimism Is on the Rise,” Federal Reserve Bank of St. Louis *The Regional Economist*, First Quarter 2017, p. 13.

“A Macroeconomic News Index for Constructing Nowcasts of U.S. Real Gross Domestic Product,” with Sean P. Grover and Michael W. McCracken, Federal Reserve Bank of St. Louis *Review*, Fourth Quarter 2016, 98(4), pp. 277-96.

“After a Start That Was Lackluster, Economy Improves,” Federal Reserve Bank of St. Louis *The Regional Economist*, October 2016, p. 19.

“Despite Weakness, Economic Expansion Marks Seven Years,” Federal Reserve Bank of St. Louis *The Regional Economist*, July 2016, p. 19.

“Modest Improvement in Economic Expected over Rest of the Year,” Federal Reserve Bank of St. Louis *The Regional Economist*, April 2016, p. 23.

“Three Challenges to Central Bank Orthodoxy,” with James Bullard, Federal Reserve Bank of St. Louis *Review*, First Quarter 2016, 98(1), pp. 1-16.

“Focus on Low Real Interest Rates Might Be Misplaced,” with Jonas Crews and Christopher J. Waller, Federal Reserve Bank of St. Louis *The Regional Economist*, January 2016. Online-only Content. [https://www.stlouisfed.org/~media/Publications/Regional-Economist/2016/January/real\\_interest\\_rate.pdf](https://www.stlouisfed.org/~media/Publications/Regional-Economist/2016/January/real_interest_rate.pdf).

“Despite Crosscurrent, Economy is Showing Signs of Strength,” Federal Reserve Bank of St. Louis *The Regional Economist*, January 2016, p. 17.

“Growth is Resilient in the Midst of Uncertainty,” Federal Reserve Bank of St. Louis *The Regional Economist*, October 2015, p. 22.

“The U.S. Economy Stumbles Out of the Gate—Again,” Federal Reserve Bank of St. Louis *The Regional Economist*, July 2015, p. 17.

“Growth is Modest in GDP but Strong in Labor Markets,” Federal Reserve Bank of St. Louis *The Regional Economist*, April 2015, p. 22.

“Faster Real GDP Growth During Recoveries Tends to Be Associated with Growth of Jobs in ‘Low-Paying’ Industries,” Federal Reserve Bank of St. Louis *The Regional Economist*, January 2015, Online-only Content. <https://www.stlouisfed.org/publications/regional-economist/january-2015/gdp-growth>

“Pace of Growth is Expected to Quicken,” Federal Reserve Bank of St. Louis *The Regional Economist*, January 2015, p. 17.

“A Measure of Price Pressures,” with Laura E. Jackson and Michael T. Owyang, Federal Reserve Bank of St. Louis *Review*, First Quarter 2015, pp. 35-54.

“Optimism Prevails as GDP Snaps Back from Q1 Decline,” Federal Reserve Bank of St. Louis *The Regional Economist*, October 2014, p. 22.

“Recovery Seems to Have Finally Taken Root,” Federal Reserve Bank of St. Louis *The Regional Economist*, July 2014, p. 22.

“Weather Throws a Cold Blanket on the U.S. Economy,” Federal Reserve Bank of St. Louis *The Regional Economist*, April 2014, p. 22.

“A Spring-Loaded Economy?” Federal Reserve Bank of St. Louis *The Regional Economist*, January 2014, p. 17.

“Tracking the U.S. Economy: A Guide for the Nonpractitioner,” Federal Reserve Bank of St. Louis *Review*, First Quarter 2014, pp. 35-54.

“Exiting from Unconventional Policy: Key Principles, Potential Challenges,” Federal Reserve Bank of St. Louis *The Regional Economist*, *Forthcoming* October 2013, Online-only Content.

“Economic Recovery: Slow and Steady, or Full Steam Ahead,” Federal Reserve Bank of St. Louis *The Regional Economist*, Forthcoming October 2013.

“Mixed Signals, But Moving Forward,” Federal Reserve Bank of St. Louis *The Regional Economist*, July 2013, p. 17.

“Uncertainty and the Economy,” Federal Reserve Bank of St. Louis *The Regional Economist*, April 2013, Online-only Content, [http://www.stlouisfed.org/publications/pub\\_assets/pdf/re/2013/b/uncertainty.pdf](http://www.stlouisfed.org/publications/pub_assets/pdf/re/2013/b/uncertainty.pdf).

“Signs Point to Stronger Growth in GDP This Year,” Federal Reserve Bank of St. Louis *The Regional Economist*, April 2013, p. 19.

“U.S. Manufacturing and the Importance of International Trade: It’s Not What You Think,” with John A. Tatom, Federal Reserve Bank of St. Louis *Review*, January/February 2013, 95(1), pp. 27-50.

“Fiscal Uncertainty Clouds Outlook for Growth,” Federal Reserve Bank of St. Louis *The Regional Economist*, January 2013, p. 22.

“Disentangling Diverse Measures: A Survey of Financial Stress Indexes,” with Michael T. Owyang and E. Katarina Vermann, Federal Reserve Bank of St. Louis *Review*, September/October 2012, 94(5), pp. 369-398.

“Accounting for U.S. Growth: Is There a New Normal” Federal Reserve Bank of St. Louis *The Regional Economist*, October 2012, Online-only Content, <http://www.stlouisfed.org/publications/re/articles/?id=2287>.

“Economy Still Growing albeit at a Tepid Pace,” Federal Reserve Bank of St. Louis *The Regional Economist*, October 2012, pp. 22.

“Real GDP Growth for 2012 Should Best 2011’s Rate,” Federal Reserve Bank of St. Louis *The Regional Economist*, July 2012, pp. 10.

“Federal Reserve Lending to Troubled Banks During the Financial Crisis, 2007-2010,” with R. Alton Gilbert and David C. Wheelock, Federal Reserve Bank of St. Louis *Review*, May/June 2012, 94(3), pp. 221-242.

“Economy is Expected to Build Up Steam,” Federal Reserve Bank of St. Louis *The Regional Economist*, April 2012, pp. 22.

“How Good Are the Government’s Deficit and Debt Projections and Should We Care?” with Daniel L. Thornton, Federal Reserve Bank of St. Louis *Review*, January/February 2012, 94(1), pp. 31-39.

“The Economy Should Be Able to Avoid a Recession in 2012,” Federal Reserve Bank of St. Louis *The Regional Economist*, January 2012, pp. 22.

“New Data Elevate Uncertainty About the Outlook for the Economy,” Federal Reserve Bank of St. Louis *The Regional Economist*, October 2011, pp. 26.

“Recovery Continues despite New Risks, Old Problems,” Federal Reserve Bank of St. Louis *The Regional Economist*, July 2011, pp. 21.

“Are Small Businesses the Biggest Producers of Jobs?” with Julia S. Maues, Federal Reserve Bank of St. Louis *The Regional Economist*, April 2011, pp. 8-9.

“The Economy Continues to Strengthen, but Risks Remain,” Federal Reserve Bank of St. Louis *The Regional Economist*, April 2011, p. 17.

“Forecasters Expect Solid Growth, Low Inflation in 2011,” Federal Reserve Bank of St. Louis *The Regional Economist*, January 2011, p. 11.

“The Economy Looks for its Second Wind,” Federal Reserve Bank of St. Louis *The Regional Economist*, October 2010.

“The Pros and Cons of Very Low Interest Rates,” Federal Reserve Bank of St. Louis *The Regional Economist*, October 2010.

“Economy Is Nearing Cruising Altitude,” Federal Reserve Bank of St. Louis *The Regional Economist*, July 2010, p. 23.

“Signs Point toward Another Jobless Recovery,” Federal Reserve Bank of St. Louis *The Regional Economist*, April 2010, p. 17.

“FOMC Learning and Productivity Growth (1985-2003): A Reading of the Record” with Richard G. Anderson, Federal Reserve Bank of St. Louis *Review*, March/April 2010, 92(2), pp. 129-53.

“Inflation May Be the Next Dragon To Slay,” Federal Reserve Bank of St. Louis *The Regional Economist*, January 2010, pp. 4-9.

“Commercial Real Estate: A Drag for Some Banks but Maybe Not for U.S. Economy” with Rajeev Bhaskar and Yadav Gopalan, Federal Reserve Bank of St. Louis *The Regional Economist*, January 2010, pp. 10-11.

“The Recovery Might Be a 98-Pound Weakling,” Federal Reserve Bank of St. Louis *The Regional Economist*, January 2010, p. 19.

“Digging into the Infrastructure Debate,” Federal Reserve Bank of St. Louis *The Regional Economist*, July 2009, pp. 4-11.

“The Storm Clouds Begin to Depart,” Federal Reserve Bank of St. Louis *The Regional Economist*, July 2009, p. 19.

“Nearing a Bottom, or Digging a Deeper Hole,” Federal Reserve Bank of St. Louis *The Regional Economist*, April 2009, p. 23.

“Man the Lifeboats!” Federal Reserve Bank of St. Louis *The Regional Economist*, January 2009, p. 19.

“Oil and the U.S. Macroeconomy: An Update and a Simple Forecasting Exercise,” Federal Reserve Bank of St. Louis *Review*, September/October 2008, 90(5), pp. 505-16.

“Inflation’s Dark Shadow,” Federal Reserve Bank of St. Louis *The Regional Economist*, October 2008, p. 17.

“Ethanol: Shucking the Hype Yields a Kernel of Truth—Oil Will Still Dominate” with Joshua A. Byrge,” Federal Reserve Bank of St. Louis *The Regional Economist*, July 2008, pp. 4-9.

“Forecasting Inflation and Output: Comparing Data-Rich Models with Simple Rules,” Federal Reserve Bank of St. Louis *Review*, May/June 2008, 90(3, Part 1), pp. 175-92.

“Skirting the Edge?” Federal Reserve Bank of St. Louis *The Regional Economist*, April 2008, pp. 17.

“Using Employment to Predict Output: A Useful Exercise,” Federal Reserve Bank of St. Louis

*Review*, September/October 2007, pp. 433-46.

“Trading Barbs: A Primer on the Globalization Debate,” Federal Reserve Bank of St. Louis *The Regional Economist*, October 2007, pp. 4-9.

“Housing Woes Weigh Heavily on the Economy,” Federal Reserve Bank of St. Louis *The Regional Economist*, October 2007, pp. 18.

“As Boomers Slow Down, So Might the Economy,” Federal Reserve Bank of St. Louis *The Regional Economist*, July 2007, pp. 12-14.

“The Economy Continues to Take a Punch,” Federal Reserve Bank of St. Louis *The Regional Economist*, July 2007, p. 18.

“Will the U.S. Find Its Groove This Year,” Federal Reserve Bank of St. Louis *The Regional Economist*, April 2007, p. 18.

“Below-Trend Growth is Predicted for Most of 2007,” Federal Reserve Bank of St. Louis *The Regional Economist*, January 2007, p. 18.

“Rising Natural Gas Prices and Real Economic Activity,” Federal Reserve Bank of St. Louis *Review*, November/December 2006, pp. 511-26.

“Is Electricity the Forgotten Energy Problem?” Federal Reserve Bank of St. Louis *The Regional Economist*, October 2006, pp. 5-9.

“The 1990s Acceleration in Labor Productivity: Causes and Measurement” with Richard G. Anderson, Federal Reserve Bank of St. Louis *Review*, May/June 2006, 88(3), pp. 181-202.

“Economy Overcomes Hurricanes, Rising Energy Prices,” Federal Reserve Bank of St. Louis *The Regional Economist*, April 2006, p. 18.

“Macroeconomic News and Real Interest Rates” with Frank A. Schmid, Federal Reserve Bank of St. Louis *Review*, March/April 2006, 88(2), pp. 133-43.

“Despite Setbacks, the U.S. Economy Steams Forward,” Federal Reserve Bank of St. Louis *The Regional Economist*, January 2006, p. 18.

“Oil Price Volatility and U.S. Macroeconomic Activity” with Hui Guo, Federal Reserve Bank of St. Louis *Review*, November/December 2005, 87(6), pp. 669-83.

“Do We Have a Saving Crisis?” Federal Reserve Bank of St. Louis *The Regional Economist*, July 2005, pp. 5-9.

“A Patchwork Economy?” Federal Reserve Bank of St. Louis *The Regional Economist*, July 2005, p. 18.

“Economy’s Expansion Puts Down Roots,” Federal Reserve Bank of St. Louis *The Regional Economist*, April 2005, p. 18.

“Economists Expect Solid Economic Growth This Year,” Federal Reserve Bank of St. Louis *The Regional Economist*, January 2005, p. 19.

“Fear of Hell Might Fire Up the Economy,” (with Frank A. Schmid), *The Regional Economist*, Federal Reserve Bank of St. Louis (July 2004), pp. 10-11.

“Waiting on the Fed,” *The Regional Economist*, Federal Reserve Bank of St. Louis (July 2004), pp. 19.

“Monetary Policy Actions, Macroeconomic Data Releases, and Inflation Expectations,” Federal Reserve

Bank of St. Louis *Review* (May/June 2004), pp. 9-21.

“A Jobless Recovery with More People Working?” *The Regional Economist*, Federal Reserve Bank of St. Louis (April 2004), p. 10-11.

“The Party Heats Up,” *The Regional Economist*, Federal Reserve Bank of St. Louis (April 2004), pp. 19.

“The Economy Gets Back on Track but Once Again Leaves Many Workers Behind,” *The Regional Economist*, Federal Reserve Bank of St. Louis (January 2004), pp. 5-9.

“Economy Finally Takes Off,” *The Regional Economist*, Federal Reserve Bank of St. Louis (January 2004), p. 19.

“The 2001 Recession: How Was it Different, and What Developments May Have Caused It?” Federal Reserve Bank of St. Louis *Review* (September/October 2003), pp. 23-37.

“Slow Recovery Remains Puzzling,” *The Regional Economist*, Federal Reserve Bank of St. Louis (July 2003), p. 19.

“The U.S. Economy: Between Iraq and a Hard Place?” *The Regional Economist*, Federal Reserve Bank of St. Louis (April 2003), p. 19.

“Was Y2K Behind the Business Investment Boom and Bust?” Federal Reserve Bank of St. Louis *Review* (January/February 2003), pp. 31-42.

“Big Government: The Comeback Kid?” *The Regional Economist*, Federal Reserve Bank of St. Louis (January 2003), pp. 5-9.

“Recovery Has Case of the Slows,” *The Regional Economist*, Federal Reserve Bank of St. Louis (January 2003), p. 19.

“Recovery Isn’t As Easy As in the Past” *The Regional Economist*, Federal Reserve Bank of St. Louis (July 2002), p. 19.

“Unemployment Insurance Claims and Economic Activity,” (with William T. Gavin), Federal Reserve Bank of St. Louis *Review* (May/June 2002), pp. 15-28.

“Government Budget Surpluses Head South: Will They Come Back?” *The Regional Economist*, Federal Reserve Bank of St. Louis (April 2002), pp. 12-13.

“Full Steam Ahead?” *The Regional Economist*, Federal Reserve Bank of St. Louis (April 2002), p. 19.

“Road to Recovery: Longer Than Average?” *The Regional Economist*, Federal Reserve Bank of St. Louis (January 2002), p. 19.

“Despite Red Flags, Inflation Under Control,” *The Regional Economist*, Federal Reserve Bank of St. Louis (October 2001), p. 19.

“The Microchip Flexes Its Muscle: Can It Compete With History’s Best?” (with David C. Wheelock) *The Regional Economist*, Federal Reserve Bank of St. Louis (July 2001), pp. 5-9.

“Will the U.S. Economy Gain a Second Wind?” *The Regional Economist*, Federal Reserve Bank of St. Louis (April 2001), p. 19.

“The Expected Federal Budget Surplus: How Much Confidence Should the Public and Policymakers Place in the Projections?” (with Daniel L. Thornton). Federal Reserve Bank of St. Louis *Review* (March/April 2001), pp. 11-24.



“Rising Oil Prices and Macroeconomic Turmoil: Will it Be Any Different This Time Around?” *The Regional Economist*, Federal Reserve Bank of St. Louis (January 2001), pp. 5-9.

“Agricultural Outcomes and Monetary Policy Actions: Kissin’ Cousins?” (with William Poole). Federal Reserve Bank of St. Louis *Review* (May/June 2000), pp. 1-12.

“Fast Lane, Slow Lane or Cruising Speed?” *The Regional Economist*, Federal Reserve Bank of St. Louis (July 2000), p. 19.

“How Reliable are Federal Budget Projections?” *The Regional Economist*, Federal Reserve Bank of St. Louis (April 2000), p. 19.

“New Millennium: Same Vibrant Economy?” *The Regional Economist*, Federal Reserve Bank of St. Louis (January 2000), p. 19.

“The NAIRU: Tailor Made for the Fed?” *The Regional Economist*, Federal Reserve Bank of St. Louis (October 1999), pp. 10-11.

“National and District Economies Maintain Cruising Speed,” *The Regional Economist*, Federal Reserve Bank of St. Louis (October 1999), p. 19.

“An Oasis of Prosperity: Solely An American Phenomenon?” *The Regional Economist*, Federal Reserve Bank of St. Louis (July 1999), pp. 5-9.

“Is the Bloom off the Rose for Eighth District Farmers?” *The Regional Economist*, Federal Reserve Bank of St. Louis (April 1999), p. 12-13.

“National and District Overview,” *The Regional Economist*, Federal Reserve Bank of St. Louis (April 1999), p. 19.

“Models and Monetary Policy: More Science Than Art?” *The Regional Economist*, Federal Reserve Bank of St. Louis (January 1999), pp. 10-11.

“Enhancing Future Retirement Income Through 401(k)s,” *The Regional Economist*, Federal Reserve Bank of St. Louis (October 1998), pp. 5-9.

“How Susceptible is the United States to the Asian Flu?” *The Regional Economist*, Federal Reserve Bank of St. Louis (April 1998), pp. 10-11.

“A Brave New Economic World? The Productivity Puzzle,” *The Regional Economist*, Federal Reserve Bank of St. Louis (January 1998), pp. 5-9.

“Critiquing the Consumer Price Index,” *The Regional Economist*, Federal Reserve Bank of St. Louis (July 1997), pp. 10-11.

“Assessing the Generational Gap in Future Living Standards Through Generational Accounting,” *The Regional Economist*, Federal Reserve Bank of St. Louis (April 1997), pp. 5-9.

“What’s Up Down on the Farm?” *The Regional Economist*, Federal Reserve Bank of St. Louis (January 1997), pp. 12-13.

“A Recipe for Monetary Policy Credibility,” *The Regional Economist*, Federal Reserve Bank of St. Louis (October 1996), pp. 10-11.

“Tax Man, Heal Thyself,” *The Regional Economist*, Federal Reserve Bank of St. Louis (July 1996), p. 5-9.

“The New GDP: ‘Chainging’ with the Times,” *Central Banker*, Federal Reserve Bank of St. Louis (Spring 1996), p. 5.

“Are Some Agricultural Banks Too Agricultural?” (with R. Alton Gilbert), Federal Reserve Bank of St. Louis *Review* (January/February, 1996), pp. 23-35.

“Chained, Rested and Ready: The New and Improved GDP,” *The Regional Economist*, Federal Reserve Bank of St. Louis (January 1996), pp. 10-11.

“A Fiscal Devolution: Can State and Local Governments Measure Up,” *The Regional Economist*, Federal Reserve Bank of St. Louis (October 1995), pp. 5-9.

“District Economy Takes Off in ‘94,” *The Regional Economist*, Federal Reserve Bank of St. Louis (July 1995), pp. 12-13.

“A Fed Focused on Price Stability: The Benefits of a Single Target,” *The Regional Economist*, Federal Reserve Bank of St. Louis (April 1995), pp. 10-11.

“The Fixation on International Competitiveness,” *The Regional Economist*, Federal Reserve Bank of St. Louis (January 1995), pp. 5-9.

“District Economic Update: Will the Sailing Remain Smooth?” *The Regional Economist*, Federal Reserve Bank of St. Louis (October 1994), pp. 12-13.

“Commodity Price Indexes: Can They Predict Inflation?” *The Regional Economist*, Federal Reserve Bank of St. Louis (July 1994), pp. 10-11.

“The Economics of Natural Disasters,” *The Regional Economist*, Federal Reserve Bank of St. Louis (April 1994), pp. 5-9.

“Can Agriculture Rebound This Year?” *The Regional Economist*, Federal Reserve Bank of St. Louis (January 1994), pp. 12-13.

“IOUs From The Edge: Should We Worry About The Budget Deficit?” *The Regional Economist*, Federal Reserve Bank of St. Louis (October 1993), pp. 10-11.

“Restructuring And Economic Growth: Taking The Long-Term View,” *The Regional Economist*, Federal Reserve Bank of St. Louis (July 1993), pp. 5-9.

“Some Upbeat Trends in District Employment,” *The Regional Economist*, Federal Reserve Bank of St. Louis (April 1993), pp. 12-13.

“Leaning Against The Wind: Does the Fed Engage in Countercyclical Monetary Policy?” *The Regional Economist*, Federal Reserve Bank of St. Louis (January 1993), pp. 10-11.

“The Recent Credit Crunch: The Neglected Dimensions” (with John A. Tatom). Federal Reserve Bank of St. Louis *Review* (September/October, 1992), pp. 18-36. Reprinted in *The Financial Institutions and Markets Reader*, Robert W. Kolb, ed. (Kolb Publishing, 1993).

“Data Appendix,” (with Lynn D. Dietrich). Federal Reserve Bank of St. Louis *Review* (November/December, 1992), pp. 46-52.

“Is There Still a Farm Problem?” *Pieces of Eight*, Federal Reserve Bank of St. Louis (September 1992), pp. 1-4.

“Agriculture in 1991: The Decline Continues,” *Pieces of Eight*, Federal Reserve Bank of St. Louis (June 1992), pp. 12-21.

“Why Agricultural Banks Outperform Small Nonagricultural Banks: An Eighth District Perspective,” *Pieces of Eight--An Economic Perspective on the 8th District*, Federal Reserve Bank of St. Louis (March 1992), pp. 9-13.

“The Emerging Importance of Aquaculture,” *Pieces of Eight*, Federal Reserve Bank of St. Louis (December 1991), pp. 1-4.

“Where Are Farmland Prices Headed?” *Pieces of Eight*, Federal Reserve Bank of St. Louis (September 1991), pp. 5-8. Reprinted in *National Farm Finance News*, October 25, 1991, pp. 18-19.

“The COVID-19 Economy: How the Pandemic Defined 2020” (contributing author) *2020 Annual Report*, Federal Reserve Bank of St. Louis.

“Why the Fed Is a Well-Designed Central Bank” (contributing author) *2010 Annual Report*, Federal Reserve Bank of St. Louis.

“Equilibrium: How the U.S. Economy Recovers from a Crisis” (contributing author) *2001 Annual Report*, Federal Reserve Bank of St. Louis.

“Revolutions in Productivity: Will today’s microchip-led surge take its place in history?” (with David C. Wheelock) *2000 Annual Report*, Federal Reserve Bank of St. Louis.

“A Growth-Accounting Perspective on the Post-Pandemic Economy,” Federal Reserve Bank of St. Louis *Economic Synopses*, 2022, No. 27.

“Using Beige Book Text Analysis to Measure Supply Chain Disruptions,” Federal Reserve Bank of St. Louis *Economic Synopses*, 2022, No. 18.

“The Link Between Higher Commodity Prices and Inflation,” Federal Reserve Bank of St. Louis *Economic Synopses*, 2021, No. 22.

“Two Percent Inflation Over the Next Year: Should You Take the Over or the Under?” Federal Reserve Bank of St. Louis *Economic Synopses*, 2021, No. 11.

“Measuring Market-Based Inflation Expectations,” Federal Reserve Bank of St. Louis *Economic Synopses*, 2021, No. 6.

“Bad Medicine? Federal Debt and Deficits after COVID-19,” Federal Reserve Bank of St. Louis *Economic Synopses*, 2020, No. 32.

“The Year of Living Dangerously: The COVID-19 Shock and the Probability of Deflation,” Federal Reserve Bank of St. Louis *Economic Synopses*, 2020, No. 14.

“A Bad Moon Rising? Uncertainty Shocks and Economic Outcomes,” with Laura E. Jackson and Michael T. Owyang, Federal Reserve Bank of St. Louis *Economic Synopses*, 2019, No. 6.

“Is the Fed Following a Modernized Version of the Taylor? Part 2,” Federal Reserve Bank of St. Louis *Economic Synopses*, 2019, No. 3.

“Is the Fed Following a Modernized Version of the Taylor? Part 1,” Federal Reserve Bank of St. Louis *Economic Synopses*, 2019, No. 2.

“Gauging the Evolution of Monetary Policy Before and After the Financial Crisis,” (with Brian Levine and Christopher J. Waller), Federal Reserve Bank of St. Louis *Economic Synopses*, 2018, No. 27.

“Recession Signals: The Yield Curve Versus Unemployment Rate Troughs,” Federal Reserve Bank of St. Louis *Economic Synopses*, 2018, No. 16.

“Here’s Why Manufacturing is Fundamentally Strong,” (with John A. Tatom), Federal Reserve Bank of St. Louis *Economic Synopses*, 2018, No. 4.

“Introducing the St. Louis Fed Price Pressures Measure,” (with Michael T. Owyang and Laura E. Jackson), Federal Reserve Bank of St. Louis *Economic Synopses*, 2015, No. 25.

“How Accurate Are Measures of Long-Term Inflation Expectations?” Federal Reserve Bank of St. Louis *Economic Synopses*, 2015, No. 9.

“Are Oil Price Declines Good for the Economy?” Federal Reserve Bank of St. Louis *Economic Synopses*, 2015, No. 3.

“How Negative is Negative Real GDP Growth?” Federal Reserve Bank of St. Louis *Economic Synopses*, 2014, No. 17.

“Signs of Improving Labor Market Conditions,” Federal Reserve Bank of St. Louis *Economic Synopses*, 2014, No. 10.

“How Well Do Initial Claims Forecast Employment Growth?” (with David C. Wheelock), Federal Reserve Bank of St. Louis *Economic Synopses*, 2012, No. 7.

“Using Brent and WTI Oil Prices to Predict Gasoline Prices” (with Michael T. Owyang), Reserve Bank of St. Louis *National Economic Trends*, November 2011.

“Tax Rates and Revenue Since the 1970s” (with Daniel L. Thornton), Federal Reserve Bank of St. Louis *Economic Synopses*, 2011, No. 24.

“The Federal Debt: Too Little Revenue or Too Much Spending?” (with Daniel L. Thornton), Federal Reserve Bank of St. Louis *Economic Synopses*, 2011, No. 20.

“Is the Fed’s Definition of Price Stability Evolving?” Federal Reserve Bank of St. Louis *Economic Synopses*, 2010, No. 33.

“Measuring Financial Market Stress” (with Douglas C. Smith), Federal Reserve Bank of St. Louis *Economic Synopses*, 2010, No. 2.

“Dating the End of the Recession: Evaluating the Economic Indicators,” Federal Reserve Bank of St. Louis *Economic Synopses*, 2009, No. 28.

“Recession or Depression? Part II,” Federal Reserve Bank of St. Louis *Economic Synopses*, 2009, No. 19.

“Recession or Depression?” Federal Reserve Bank of St. Louis *Economic Synopses*, 2009, No. 15.

“Putting the Financial Crisis and Lending Activity in a Broader Context,” Federal Reserve Bank of St. Louis *Monetary Trends*, March 2009.

“Another Conundrum?” Federal Reserve Bank of St. Louis *Monetary Trends*, October 2008.

“An Expanded Look at Employment,” Federal Reserve Bank of St. Louis *National Economic Trends*, March 2008.

“Can You Hear Me Now?” Federal Reserve Bank of St. Louis *Monetary Trends*, January 2008.

“Recession Rumbblings,” Federal Reserve Bank of St. Louis *National Economic Trends*, May 2007.

“Are Two Employment Surveys Better Than One?” Federal Reserve Bank of St. Louis *National Economic Trends*, November 2006.

[“Gauging the Size of Today's Price Shocks,”](#) Federal Reserve Bank of St. Louis *National Economic Trends*, January 2006.

“Has Monetary Policy Been More Accommodative Than Previously Believed?” Federal Reserve Bank of St. Louis *Monetary Trends*, October 2005.

“Battle at Bond Bluff: Forecasters vs. Financial Markets,” Federal Reserve Bank of St. Louis *National Economic Trends*, June 2005.

“Reading Inflation Expectations from CPI Futures,” Federal Reserve Bank of St. Louis *National Economic Trends*, February 2005.

“Ring in the New Year with an Investment Bust?” Federal Reserve Bank of St. Louis *National Economic Trends*, December 2004.

“Mind the Gap: Measuring Actual VS. Potential Output,” Federal Reserve Bank of St. Louis *National Economic Trends*, January 2004.

“Waiting for the Investment Boom? It Might be a While,” Federal Reserve Bank of St. Louis *National Economic Trends*, May 2003.

“Die Another Day? Budget Deficits and Interest Rates,” Federal Reserve Bank of St. Louis *National Economic Trends*, December 2002.

“Does a Mild Recession Imply a Weak Recovery?” Federal Reserve Bank of St. Louis *National Economic Trends*, April 2002.

“Whither the ‘New Economy’?” Federal Reserve Bank of St. Louis *National Economic Trends*, September 2001.

“The Switch to NAICS,” Federal Reserve Bank of St. Louis *National Economic Trends*, August 2001.

“Will California Short-Circuit the Expansion?” Federal Reserve Bank of St. Louis *National Economic Trends*, February 2001.

“Available Labor Supply,” Federal Reserve Bank of St. Louis *National Economic Trends*, February 2000.

“The Economic Outlook for 2000: Bulls on Parade?” Federal Reserve Bank of St. Louis *National Economic Trends*, January 2000.

“Putting Business Software Purchases into the National Accounts,” Federal Reserve Bank of St. Louis *National Economic Trends*, November 1999.

“How Important Will 401(k) Plans Be to Baby Boomers?” Federal Reserve Bank of St. Louis *National Economic Trends*, November 1998.

“Is Deflation Coming?” Federal Reserve Bank of St. Louis *National Economic Trends*, November 1997.

## **Other**

*We Need to Talk About Inflation: 14 Urgent Lessons from the Last 2,000 Years*, by Stephen D. King, 2024, *Business Economics*, July 2024, pp. 193-96.

*The End of Alchemy: Money, Banking, and the Future of the Global Economy*, by Mervyn King, 2016, *Business Economics*, July 2017, pp. 181-83.

*This Time is Different: Eight Centuries of Financial Folly*, by Carmen M. Reinhart and Kenneth S. Rogoff, 2009, Federal Reserve Bank of Minneapolis *The Region*, September 2010.

*In Fed We Trust: Ben Bernanke's War on the Great Panic*," by David Wessel, 2009, Federal Reserve Bank of St. Louis *The Regional Economist*, October 2009, pp. 21-22.

*Chairman of the Fed: William McChesney Martin, Jr. and the Creation of the American Financial System*, by Robert P. Bremner, 2004, *Business Economics*, July 2005, pp. 61-62.

*The Coming Generational Storm: What you Need to Know about America's Economic Future*, by Laurence J. Kotlikoff and Scott Burns, 2004, Federal Reserve Bank of Minneapolis *The Region*, June 2005, pp. 48-53.

*The Greenspan Effect: Words That Move the World's Markets* (by David B. Sicilia and Jeffrey L. Cruikshank, 2000), *The Region*, Federal Reserve Bank of Minneapolis (June 2000), pp. 48-50.

*Wall Street to Main Street: Charles Merrill and Middle Class Investors* (by Edwin J. Perkins, 1999), *Business Economics* (October 1999), pp. 92-94.

*Central Banking in Theory and Practice* (Alan S. Blinder), *Central Banking* (November 1998), pp. 72-75.

*Back From The Brink: The Greenspan Years* (Steven K. Beckner), *The Region*, Federal Reserve Bank of Minneapolis (September 1997), pp. 38-39.

*Taxing Ourselves: A Citizen's Guide to the Great Debate Over Tax Reform* (by Joel Slemrod and Jon Bakija, 1996), *Business Economics* (July 1997), pp. 73-74.

*Frontiers of Tax Reform* (Edited by Michael J. Boskin, 1996), *National Tax Journal* (June 1997), pp. 375-79.

*Economist In An Uncertain World: Arthur F. Burns And The Federal Reserve, 1970-1978* (Wyatt C. Wells, 1994), Federal Reserve Bank of Minneapolis *The Region*, (September 1996), pp. 48-49.

*Getting It Right: Markets and Choices in a Free Society* (Robert J. Barro, 1996), *Business Economics* (October 1996), pp. 70-71.

*An Economic Record of Presidential Performance: From Truman to Bush* (Richard J. Carroll, 1995); *Presidential Economics: The Making of Economic Policy From Roosevelt to Clinton, 3rd Revised Edition* (Herbert Stein, 1994), *Business Economics* (July 1996), pp. 69-70.

*Economist In An Uncertain World: Arthur F. Burns And The Federal Reserve, 1970-1978* (Wyatt C. Wells, 1994) *Business Economics* (April 1996), p. 72.