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Michael W. McCracken—Assistant Vice-President

Joined the Bank Staff	August, 2008
Education	Ph.D. Economics, University of Wisconsin-Madison, 1998 B.S. Mathematics, University of Kansas, 1989
Areas of Interest	Econometrics and Statistics, Macroeconomics

Previous Experience

2005-2008	Economist, Board of Governors of the Federal Reserve System
2001-2005	Assistant Professor, University of Missouri (Columbia)
1998-2001	Assistant Professor, Louisiana State University

Forthcoming Papers

"Modeling Time-Varying Uncertainty of Multiple-Horizon Forecast Errors," with Todd E. Clark and Elmar Mertens, FORTHCOMING: *Review of Economics and Statistics*.

"An Empirical Investigation of Direct and Iterated Multistep Conditional Forecasts," with Joseph McGillicuddy, FORTHCOMING: *Journal of Applied Econometrics*.

Journal Publications

"Testing the Economic Value of Asset Return Predictability," with Giorgio Valente, *Journal of Business & Economic Statistics*.

"Multi-Step Ahead Forecasting of Vector Time Series," with Tucker McElroy, *Econometric Reviews*, May 2017, Vol. 36, No. 5, pp. 495-513.

"Tests Of Predictive Ability For Vector Autoregressions Used For Conditional Forecasting," with Todd E. Clark, *Journal of Applied Econometrics*, April 2017, Vol. 32, No. 3, pp. 533-553.

"Tests of Equal Accuracy for Nested Models with Estimated Factors," with Silvia Goncalves and Benoit Perron, *Journal of Econometrics*, June 2017, Vol. 198, No. 2, pp. 231-252.

"FRED-MD: A Monthly Database for Macroeconomic Research," with Serena Ng, *Journal of Business & Economic Statistics,* October 2016, Vol. 34, No. 4, pp. 574-589.

"Nested Forecast Model Comparisons: A New Approach to Testing Equal Accuracy," with Todd E. Clark, *Journal of Econometrics*, May 2015, Vol. 186, No. 1, pp. 160-177.

"Tests of Equal Forecast Accuracy for Overlapping Models," with Todd E. Clark, *Journal of Applied Econometrics*, April/May 2014, Vol. 29, No. 3, pp. 415-430.

"Evaluating The Accuracy Of Forecasts From Vector Autoregressions," with Todd E. Clark, *Advances in Econometrics,* 2013, No. 32, pp. 117-168.

"In-Sample Tests of Predictive Ability: A New Approach," with Todd E. Clark, *Journal of Econometrics*, September 2012, Vol. 170, No. 1, pp. 1-14.

"Consistent Testing For Structural Change At The Ends Of The Sample," *Advances in Econometrics*, 2012, No. 30, pp. 133-169.

"Reality Checks and Comparisons of Nested Predictive Models," with Todd E. Clark, *Journal of Business & Economic Statistics,* 2012, Vol. 30, No. 1, pp. 53-66.

"Averaging Forecasts from VARs with Uncertain Instabilities," with Todd E. Clark, *Journal of Applied Econometrics*, January/February 2010, Vol. 25, No. 1, pp. 5-29.

"Combining Forecasts From Nested Models," with Todd E. Clark, *Oxford Bulletin of Economics and Statistics,* June 2009, Vol. 71, No. 3, pp. 303-329.

"Improving forecast accuracy by combining recursive and rolling forecasts," with Todd E. Clark, *International Economic Review*, May 2009, Vol. 50, No. 2, pp. 363-395.

"Tests of Equal Predictive Ability with Real-Time Data," with Todd E. Clark, *Journal of Business & Economic Statistics*, January 2009, Vol. 27, pp. 441-454.

"Asymptotics for Out-of-Sample Tests of Granger Causality," *Journal of Econometrics*, October 2007, Vol. 140, No. 2, pp. 719-752.

"The Predictive Content of the Output Gap for Inflation: Resolving In-Sample and Out-of-Sample Evidence," with Todd E. Clark, *Journal of Money, Credit, and Banking*, August 2006, Vol. 38, No. 5, pp. 1127-1148.

"The Power of Tests of Predictive Ability in the Presence of Structural Breaks," with Todd E. Clark, *Journal of Econometrics*, January 2005, Vol. 124, No. 1, pp. 1-31.

"Evaluating the Predictability of Exchange Rates using Long Horizon Regressions: Mind Your p's and q's!," with Stephen G. Sapp, *Journal of Money, Credit, and Banking*, June 2005, Vol. 37, No. 3, pp. 473-494.

"Evaluating Direct Multi-Step Forecasts," with Todd E. Clark, *Econometric Reviews*, October 2005, Vol. 24, No. 4, pp. 369-404.

"Parameter Estimation and Tests of Equal Forecast Accuracy Between Non-nested Models," *International Journal of Forecasting*, July-September 2004, Vol. 20, No. 3, pp. 503-514.

"Economic Communication in the 'Lost Decade': News Coverage and the Japanese Recession," with S. Saito and H.D. Wu, *Gazette - The International Journal for Communication Studies*, April 2004, Vol. 66, No. 2, pp. 133-149.

"Tests of Equal Forecast Accuracy and Encompassing for Nested Models," with Todd E. Clark, *Journal of Econometrics*, November 2001, Vol. 105, No. 1, pp. 85-110.

"Robust Out of Sample Inference," *Journal of Econometrics*, December 2000, Vol. 99, No. 2, pp. 195-223.

"Regression-Based Tests of Predictive Ability," with Kenneth D. West, *International Economic Review*, November 1998, Vol. 39, No. 4, pp. 817-40.

Working Papers

"Tests of Conditional Predictive Ability: Some Simulation Evidence," Federal Reserve Bank of St. Louis Working Paper 2019-011C, April 2019.

"An Empirical Investigation of Direct and Iterated Multistep Conditional Forecasts," with Joseph McGillicuddy, Federal Reserve Bank of St. Louis Working Paper 2017-040B, June 2018.

"Modeling Time-Varying Uncertainty of Multiple-Horizon Forecast Errors," with Todd E. Clark and Elmar Mertens, Federal Reserve Bank of St. Louis Working Paper 2017-026B, June 2018.

"Real-Time Forecasting with a Large, Mixed Frequency, Bayesian VAR," with Michael T. Owyang and Tatevik Sekhposyan, Federal Reserve Bank of St. Louis Working Paper 2015-030A, October 2015.

"Real-Time Forecast Averaging with ALFRED," with Chanont Banternghansa, Federal Reserve Bank of St. Louis Working Paper 2010-033A, September 2010.

"Forecast Disagreement Among FOMC Members," with Chanont Banternghansa, Federal Reserve Bank of St. Louis Working Paper 2009-059A, December 2009.

"Improving Forecast Accuracy by Combining Recursive and Rolling Forecasts," with Todd E. Clark, Federal Reserve Bank of St. Louis Working Paper 2008-028A, August 2008.

Articles in Federal Reserve Bank of St. Louis Publications

"A Macroeconomic News Index for Constructing Nowcasts of U.S. Real Gross Domestic Product Growth," Federal Reserve Bank of St. Louis *Review*, Fourth Quarter 2016, Vol. 98, No. 4, pp. 277-96.

"Tracking the U.S. Economy with Nowcasts," Federal Reserve Bank of St. Louis *Regional Economist*, April 2016 , Vol. 24, No. 2.

"Factor-Based Prediction of Industry-Wide Bank Stress," Federal Reserve Bank of St. Louis *Review*, Second Quarter 2014, Vol. 96, No. 2, pp. 173-194.

"Following the Fed with a News Tracker," Federal Reserve Bank of St. Louis *Economic Synopses*, 2012, No. 3.

"Initial Claims and Employment Growth: Are We at the Threshold?" Federal Reserve Bank of St. Louis *Economic Synopses*, 2011, No. 41.

"Should Food Be Excluded from Core CPI?" Federal Reserve Bank of St. Louis *Economic Synopses*, 2011, No. 28.

"Housing's Role in a Recovery," Federal Reserve Bank of St. Louis *Economic Synopses*, 2011, No. 6.

"Real-Time Forecast Averaging with ALFRED," Federal Reserve Bank of St. Louis *Review* , January/February 2011, Vol. 93, No. 1, pp. 49-66.

"Disagreement at the FOMC: The Dissenting Votes Are Just Part of the Story," Federal Reserve Bank of St. Louis *Regional Economist*, October 2010 , Vol. 18, No. 4.

"Using Stock Market Liquidity to Forecast Recessions," Federal Reserve Bank of St. Louis *Economic Synopses*, 2010, No. 20.

"Using FOMC Forecasts to Forecast the Economy," Federal Reserve Bank of St. Louis *Economic Synopses*, 2010, No. 5.

"Uncertainty About When the Fed Will Raise Interest Rates," Federal Reserve Bank of St. Louis *Economic Synopses*, 2009, No. 29.

"How Accurate Are Forecasts in a Recession?" Federal Reserve Bank of St. Louis *Economic Synopses*, 2009, No. 9.

Other Publications

"Advances in Forecast Evaluation," with Todd E. Clark, *Elsevier Handbook of Economic Forecasting*, September 2013, Vol. 2B, pp. 1107-1202.

"Comment on 'Taylor Rule Exchange Rate Forecasting During the Financial Crisis'," *NBER International Seminar on Macroeconomics*, July 2013, Vol. 9, pp. 98-105.

"Testing for Unconditional Predictive Ability," with Todd E. Clark, *Oxford Handbook on Economic Forecasting*, July 2011, pp. 415-440.

"Forecasting with Small Macroeconomic VARs in the Presence of Instabilities," with Todd E. Clark, in D.E. Rapach and M.E. Wohar, ed., *Frontiers of economics and globalization: forecasting in the presence of structural breaks and model uncertainty, Amsterdam*, 2008, pp. 93-147

"Pairwise Tests of Equal Forecast Accuracy," *Quantile*, 2006, Vol. 1, pp. 53-62.

International Library of Critical Writings in Econometrics: Recent Developments In Time Series
with Todd E. Clark, 2003

"Inference About Predictive Ability," with Kenneth D. West, in Michael Clements and David Henry, ed., *A Companion to Economic Forecasting*, Oxford, U.K.: Blackwell Publishers, 2001, pp. 299-321

"An Out-of-Sample Nonparametric Test of the Martingale Difference Hypothesis," in Thomas Fomby and Carter Hill, ed., *Advances in Econometrics: Applying Kernel and Nonparametric Estimation to Economic Topics*, Stamford, CT.: JAI Press, 2000