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Joined the Bank Staff October, 1988

Education

- M.A. Economics
Colorado State University Fort Collins, Colorado
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- B.S. Agricultural Business
Colorado State University
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Areas of Interest Business Economics, Monetary and Fiscal Policy Analysis

Previous Experience

1991-2009 Associate Economist, Research Division, Federal Reserve Bank of St. Louis
1988-1991 Research Assistant, Federal Reserve Bank of St. Louis

Journal Publications

"The Nonlinear Effects of Uncertainty Shocks," with Laura E. Jackson and Michael T. Owyang, *Studies in Nonlinear Dynamics and Econometrics*, September 2020, Vol. 24, No. 4, 20190024, pp. online.

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