

Farooq Malik
Associate Professor of Finance
College of Business
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Education

Ph.D., Economics, 2000, Texas Tech University.
M.A., Economics, 1995, Punjab University, Pakistan.
B.A., Economics, 1993, Punjab University, Pakistan.

Areas of Interest

Financial Econometrics, Time Series Analysis, Volatility and Risk Management.

Employment

Associate Professor of Finance (with tenure), University of Southern Mississippi, 2009-Present.
Assistant Professor of Economics and Finance, University of Southern Mississippi, 2005-2009.
Assistant Professor of Economics and Finance, Penn State University-Berks Campus, 2001-2005.
Visiting Assistant Professor of Economics, Texas Tech University, 2000-2001.

Publications

- “Risk Management of Precious Metals,” with Shawkat Hammoudeh and Michael McAleer, *Quarterly Review of Economics and Finance*, forthcoming.
- “Estimating the Impact of Good News on Stock Market Volatility,” *Applied Financial Economics*, 2011, Vol. 21, No. 8.
- “Volatility Persistence in Oil Prices under Structural Breaks,” with Bradley Ewing, *Financial Review*, 2010, Vol. 45, No. 4.
- “Modeling the Time-Varying Volatility of the Paper-Bill Spread,” with Bradley Ewing, Jamie Kruse, and Gerald Lynch, *Journal of Economics and Business*, 2009, Vol. 61, No. 5.
- “Volatility Transmission between Oil Prices and Market Sector Returns,” with Bradley Ewing, *International Review of Financial Analysis*, 2009, Vol. 18, No. 3.
- “Multivariate GARCH Model of Sector Volatility Transmission,” with Syed Aun Hassan, *Quarterly Review of Economics and Finance*, 2007, Vol. 47, No. 3.
- “Volatility Transmission in the Oil, US and Gulf Equity Markets,” with Shawkat Hammoudeh, *International Review of Economics and Finance*, 2007, Vol. 16, No. 3.
- “Forecasting Output using Oil Prices: A Cascaded Artificial Neural Network Approach,” with Mahdi Nasereddin, *Journal of Economics and Business*, 2006, Vol. 58, No. 2.
- “Re-Examining the Asymmetric Predictability of Conditional Variances: The Role of Sudden Changes in Variance,” with Bradley Ewing, *Journal of Banking and Finance*, 2005, Vol. 29, No. 10.

- “Measuring Volatility Persistence in the Presence of Sudden Changes in the Variance of Canadian Stock Returns,” with Bradley Ewing and James Payne, *Canadian Journal of Economics*, 2005, Vol. 38, No. 3.
- “Modeling Unemployment Rates by Race and Gender: A Non-linear Time Series Approach,” with Bradley Ewing and William Levernier, *Eastern Economic Journal*, 2005, Vol. 31, No. 3.
- “Modeling Volatility in Sector Index Returns with GARCH Models using an Iterated Algorithm,” with Syed Aun Hassan, *Journal of Economics and Finance*, 2004, Vol. 28, No. 2.
- “Sudden Changes in Variance and Volatility Persistence in Foreign Exchange Markets,” *Journal of Multinational Financial Management*, 2003, Vol. 13, No. 3.
- “Monetary Policy and Stock Returns: The Case of Turkey,” with Ramazan Sari, *Journal of Applied Business Research*, 2003, Vol. 19, No. 4.
- “Volatility Transmission in the Oil and Natural Gas Markets,” with Bradley T. Ewing and Oskan Ozfidan, *Energy Economics*, 2002, Vol. 24, No. 6.
- “Differential Effects of Output Shocks on Unemployment Rates by Race and Gender,” with Bradley Ewing and William Levernier, *Southern Economic Journal*, 2002, Vol. 68, No. 3.
- “The Information Content of the Paper-Bill Spread: The Case of Canada,” with Bradley Ewing, *Journal of Economics*, 2000, Vol. 26, No. 2.
- “Sector Index Returns and the Market: An Examination of the Pre- and Post-Crash Periods,” with Bradley Ewing, *Financial Counseling and Planning*, 2000, Vol. 11, No. 2.

Other Publications

- “Arbitrage,” *The Encyclopedia of Capitalism*, 2004, Syed B. Hussain (ed.), Facts on File, New York, NY.
- “NAFTA and North American Stock Markets: An Intervention Analysis,” with Bradley Ewing and James Payne, *Financial Decisions*, 2003, Vol. 15, No. 1.
- Book review of “Macroeconomic Essentials, Understanding Economics in the News” by Peter Kennedy, *Journal of Economics*, 2002, Vol. 28, No. 1.
- Book review of “Everyone's Money Book” by Jordan Goodman, *Financial Counseling and Planning*, 2001, Vol. 12, No.1.

Current Research

- “Revisiting the Relationship between Risk and Return,” (invited to revise and resubmit to the *Journal of Financial Research*).
- “Volatility Transmission between Gold and Oil Futures under Structural Breaks,” with Bradley Ewing.
- “Is Gold a Hedge and a Safe Haven under changing Stock Market Volatility?” with Matthew Hood.
- “Predicting Stock Returns using Artificial Intelligence,” with Mahdi Nasereddin.

Research Grants

- Summer Faculty Research Grant, University of Southern Mississippi, 2010 (\$10,000), 2009 (\$10,000), 2008 (\$9,713) and 2006 (\$9,250).
- National Science Foundation, SGER, “Collection of Economic Impact Data: Implications for Disaster Areas and Receiving Regions,” \$29,881, 2005-2006 (Senior Personnel).
- Research Development Grant, Pennsylvania State University-Berks Campus, 2004-05 (\$2,500) and 2003-04 (\$2,000).

Conference Presentations

Eastern Finance Association meetings, Savannah, Georgia, April 2011.
Financial Management Association meetings, New York, October 2010.
Western Economic Association meetings, Portland, Oregon, July 2010.
South Western Finance Association meetings, Houston, Texas, March 2008.
Eastern Finance Association meetings, New Orleans, Louisiana, April 2007.
Southern Finance Association meetings, Destin, Florida, November 2006.
Applied Business Research Conference, Orlando, Florida, January 2006.
Informs Annual Meeting, San Francisco, California, November 2005.
Allied Social Science Association meetings, San Diego, California, January 2004.
International Business and Economics Conference, Las Vegas, Nevada, October 2003.
Eastern Economic Association meetings, New York City, New York, February 2003.
Southern Economic Association meetings, New Orleans, Louisiana, November 2002.
Eastern Economic Association meetings, Boston, Massachusetts, March 2002.
Academy of Economics and Finance meetings, Pensacola, Florida, February 2002.
Southern Economic Association meetings, Tampa, Florida, November 2001.
International Conference in Economics, Ankara, Turkey, September 2001.
Southern Economic Association meetings, Washington, DC, November 2000.
Missouri Valley Economic Association meetings, St. Louis, Missouri, February 2000.

Courses Taught

Principles of Macroeconomics, Principles of Microeconomics, Intermediate Macroeconomics, Regression Analysis, Business Statistics, Financial Analysis, Corporate Finance, Financial Management (MBA), Global Economy (MBA).

Faculty Awards

Business Advisory Council (BAC) Professor, College of Business, University of Southern Mississippi (2006-2007) and (2008-2009).

University Service

Graduate Programs and Assessment Committee, University of Southern Mississippi (2009-2011)
Finance Faculty Search Committee, University of Southern Mississippi (2009-2010)
Undergraduate Programs Committee, University of Southern Mississippi (2007-2008)
Finance Faculty Search Committee, University of Southern Mississippi (2007-2008)
College Research Committee, University of Southern Mississippi (2005-2007)
College Strategic Planning Committee, Penn State University -Berks (2004-2005)
Budget and Planning Committee, Penn State University -Berks (2002-2005)
Accounting Faculty Search Committee, Penn State University -Berks (2001-02)
Academic advisor for undergraduate business students, Penn State University -Berks (2001-2005)
Doctoral Dissertation Committee member, Syed Aun Hassan, Texas Tech University (2005)
Faculty Mentor for first-year Penn State minority students (2001-2005)
Text book reviewer for McGraw Hill

Reviewer/Referee

Journal of Economics and Business, International Review of Economics and Finance, Journal of Forensic Economics, Portuguese Economic Journal, Journal of Current Research in Global Business, International Journal of Business and Economics, Applied Economics, Energy Economics, Journal of Macroeconomics, Journal of Economics and Finance, Quantitative Finance, International Review of Financial Analysis, Journal of Business Valuation and Economic Loss Analysis, Emerging Markets Finance and Trade, Bulletin of Economic Research.