

Farooq Malik
Assistant 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

Assistant Professor, Department of Economics and Finance, College of Business,
University of Southern Mississippi, 2005-Present.

Assistant Professor of Economics and Finance, Pennsylvania State University-Berks
Campus, 2001-2005.

Visiting Assistant Professor of Economics, Texas Tech University, 2000-2001.

Publications

- “Volatility Transmission in the Oil, US and Gulf Equity Markets,” with Shawkat Hammoudeh, *International Review of Economics and Finance*, 2007, Vol. 16, No. 3, pp. 357-368.
- “Multivariate GARCH Model of Sector Volatility Transmission,” with Syed A. Hassan, *Quarterly Review of Economics and Finance*, July 2007, Vol. 47, No. 3, pp. 470-480.
- “Forecasting Output using Oil Prices: A Cascaded Artificial Neural Network Approach,” with Mahdi Nasereddin, *Journal of Economics and Business*, April 2006, Vol. 58, No. 2, pp. 168-180.
- “Re-Examining the Asymmetric Predictability of Conditional Variances: The Role of Sudden Changes in Variance,” with Bradley T. Ewing, *Journal of Banking and Finance*, October 2005, Vol. 29, No. 10, pp. 2655-2673.
- “Measuring Volatility Persistence in the Presence of Sudden Changes in the Variance of Canadian Stock Returns,” with Bradley T. Ewing and James E. Payne, *Canadian Journal of Economics*, August 2005, Vol. 38, No. 3, pp. 1037-1056.
- “Modeling Unemployment Rates by Race and Gender: A Non-linear Time Series Approach,” with Bradley T. Ewing and William Levernier, *Eastern Economic Journal*, Summer 2005, Vol. 31, No. 3, pp. 333-347.

- “Modeling Volatility in Sector Index Returns with GARCH Models using an Iterated Algorithm,” with Syed A. Hassan, *Journal of Economics and Finance*, Summer 2004, Vol. 28, No. 2, pp. 211-225.
- “Sudden Changes in Variance and Volatility Persistence in Foreign Exchange Markets,” *Journal of Multinational Financial Management*, July 2003, Vol. 13, No. 3, pp. 217-230.
- “NAFTA and North American Stock Markets: An Intervention Analysis,” with Bradley T. Ewing and James E. Payne, *Financial Decisions*, 2003, Vol. 15, No. 1.
- “Monetary Policy and Stock Returns: The Case of Turkey,” with Ramazan Sari, *Journal of Applied Business Research*, Fall 2003, Vol. 19, No. 4, pp. 81-86.
- “Volatility Transmission in the Oil and Natural Gas Markets,” with Bradley T. Ewing and Oskan Ozfidan, *Energy Economics*, November 2002, Vol. 24, No. 6, pp. 525-538.
- “Differential Effects of Output Shocks on Unemployment Rates by Race and Gender,” with Bradley T. Ewing and William Levernier, *Southern Economic Journal*, January 2002, Vol. 68, No. 3, pp. 584–599.
- “The Information Content of the Paper-Bill Spread: The Case of Canada,” with Bradley T. Ewing, *Journal of Economics*, 2000, Vol. 26, No. 2, pp. 73-86.
- “Sector Index Returns and the Market: An Examination of the Pre- and Post-Crash Periods,” with Bradley T. Ewing, *Financial Counseling and Planning*, 2000, Vol. 11, No. 2, pp. 85-91.

Other Publications

- “Arbitrage,” *The Encyclopedia of Capitalism*, 2004, Syed B. Hussain (ed.), Facts on File, New York, NY.
- Book review of “Macroeconomic Essentials, Understanding Economics in the News” by Peter Kennedy, *Journal of Economics*, 2002, Vol. 28, No. 1, pp-79-81.
- Book review of “Everyone's Money Book” by Jordan E. Goodman, *Financial Counseling and Planning*, 2001, Vol. 12, No.1, pp-103-105.

Current Research

- “Modeling the Time-Varying Volatility of the Paper-Bill Spread,” with Bradley T. Ewing, Jamie B. Kruse, and Gerald J. Lynch, invited to revise and resubmit to *Journal of Economics and Business*.
- “Structural Breaks and Asymmetric Volatility in Equity Markets.” (Under review)
- “Predicting Stock Returns using Artificial Intelligence,” with Mahdi Nasereddin.
- “Hedging and Risk Management under Structural Breaks”.

Research Grants

- Summer Research Grant, University of Southern Mississippi, 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

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, and Corporate Finance.

University Service

Undergraduate Programs Committee, University of Southern Mississippi (2007-Present)
Finance Faculty Search Committee, University of Southern Mississippi (2007-2008)
College Research Committee, University of Southern Mississippi (2005-2007)
Accounting Faculty Search Committee, Penn State-Berks (2001-02)
Budget and Planning Committee, Penn State-Berks (2002-2005)
Division Research Committee, Penn State-Berks (2003-2005)
Academic advisor for undergraduate business students, Penn State-Berks (2001-2005)
College Strategic Planning Committee, Penn State-Berks (2004-2005)
Faculty Mentor in "FastStart," a mentoring program that connects first-year Penn State minority students with a faculty or staff mentor (2001-2005).
Doctoral Dissertation Committee member, Syed A. Hassan, Department of Economics, Texas Tech University (Graduated: August 2005)
Text book reviewer for McGraw Hill.

Faculty Award

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

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.