

Bradley T. Ewing
C. T. McLaughlin Endowed Chair of Free Enterprise
Professor of Energy Commerce
Rawls College of Business
Texas Tech University
(Revised October 2023)

CONTACT:

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EDUCATION:

Ph.D. (1994) Purdue University, Economics, Krannert School of Management
M.A. (1991) Kent State University
B.B.A. (1987) Kent State University

CURRENT POSITIONS & APPOINTMENTS:

C.T. McLaughlin Endowed Chair of Free Enterprise (since 2016) and Professor of Energy Commerce
Rawls College of Business Administration
Texas Tech University
(Full Professor since 9/06; Associate Professor from 6/04-8/06).

Board of Directors, NIRE (formerly GLEAMM)
(since 2019)

Research Associate
Center for Natural Hazards Research
East Carolina University
(since 2005)

Faculty Associate
National Wind Institute (formerly Wind Science and Engineering Research Center)
Texas Tech University
(since 2000)

PREVIOUS POSITIONS & APPOINTMENTS:

2021	Technical Committee, Economics Lead, Texas Produced Water Consortium
2013 – 2016	Jerry S. Rawls Professor of Energy Economics
2004 – 2013	Jerry S. Rawls Professor of Operations Management
2006 – 2012	Affiliated Faculty Center for Healthcare Innovation, Education, and Research Health Organization Management Rawls College of Business, Texas Tech University
2007 – 2011	Area Coordinator, Information Systems and Quantitative Sciences

2008 – 2011	Associate Director, Risk Management Program Area Wind Science and Engineering Research Center Texas Tech University
2005 – 2009	Director, Center for Professional Development Rawls College of Business, Texas Tech University
2006 – 2009	Co-Director, Chief Executives' Roundtable Rawls College of Business, Texas Tech University
2006 – 2008	Co-Director, MBA for Attorneys Program Rawls College of Business, Texas Tech University
2003 – 2004	Associate Professor of Economics & Statistics Hankamer School of Business Baylor University
2001 – 2003	Associate Professor of Economics Texas Tech University
1998 – 2001	Assistant Professor of Economics Texas Tech University
1995 – 1998	Assistant Professor Department of Finance & Economics Georgia Southern University
1994 – 1995	Economist, Economic Research Services, Inc. (now ERS Group) Tallahassee, FL
1988 – 1989	Assistant Inventory Control Manager Toys R Us Distribution Center Bedford Heights, OH

EDITORIAL ACTIVITIES:

2022 – present	Review Editor, <u>Frontiers in Environmental Economics</u> (Energy Economics section)
2020 – present	Subject Editor, <u>Energy Research Letters</u> .
2005 – present	Co-Editor, <u>Journal of Business Valuation and Economic Loss Analysis</u>
2006 – present	Associate Editor, <u>International Journal of Continuing Engineering Education and Life-Long Learning</u>
2003 – present	Board of Editors, <u>Journal of Economics and Finance</u>
2003 – present	Editorial Board, <u>Global Review of Business and Economic Research</u>
2013-2019	Board of Editors, <u>International Journal of Information and Operations Management Education</u>
2003 – 2017	Board of Editors, <u>Journal of Forensic Economics</u>
2006 – 2013	Co-Editor, <u>International Journal of Information and Operations Management Education</u>

2008 – 2010	Board of Editors, <u>International Journal of Economic and Social Research</u>
2003 – 2007	Board of Editors, <u>Review of Regional Studies</u>
2003 – 2007	Editor (working paper series), <u>InterStat</u>
2009	Co-Guest Editor (w/M. A. Thompson), Special Issue “Multidisciplinary Approach to Executive Education and Life-Long Learning: Engineering, Management, and Economics,” <u>International Journal of Continuing Engineering Education and Life-Long Learning</u> , 19(1)
2009	Guest Editor (w/J. Kruse and D. Sutter), Special Issue “Hurricane Katrina and Economic Loss,” <u>Journal of Business Valuation and Economic Loss Analysis</u> , 4(2)
2007	Co-Guest Editor (w/J. Kruse and D. Sutter), Symposium “The Economic Consequences of Hurricane Katrina,” <u>Southern Economic Journal</u> , 74(2)
2002	Co-Editor (w/M. J. Piette), Special Issue on Fringe Benefits, <u>Journal of Forensic Economics</u> , 14(2)

HONORS AND AWARDS:

2021 Rawls Integrated Scholar Award.

2020 National Wind Institute, Faculty Innovation Award.

2015 Schulze Award for “How Much are Trade Secrets Worth? Here’s How to Figure it Out” from Richard M. Schulze Family Foundation recognizing the study and practice of entrepreneurship.

Appreciation of Peer Review Service Award, *Journal of Forensic Economics*, National Association of Forensic Economics, January 2014.

Excellence in Teaching, Executive Style MBA Programs, Rawls College of Business, Texas Tech University, awarded 2010.

Fellow, FDIC Center for Financial Research, 2005-2006.

Best Paper Award, Academy of Economics and Finance, "Government Expenditures and Revenues: Evidence from Symmetric and Asymmetric Modeling," (co-authored) February 2005.

Distinguished Lecturer, College of Business, Prairie View A&M University, April 2004.

Best Journal Article Award for 1997-98, *Association for Financial Counseling and Planning Education*

M. Albert Burke Faculty Development Award, College of Business, Georgia Southern University, 1996

Young Alumni Achievement Award, Kent State University, Spring 1996

Purdue Research Foundation Dissertation Research Grant, 1993-1994

Omicron Delta Epsilon, National Economics Honor Society

CITATIONS & RESEARCH RANKINGS (*updated September 2023*)

Number of citations (Google Scholar): 9,187

h-Index (Google Scholar): 45

i10-index (Google Scholar): 105

Ranked in top 2% among all scientists worldwide (approx. 7 million), Baas, Jeroen; Boyack, Kevin; Ioannidis, John P.A. (2021), "August 2021 data-update for "Updated science-wide author databases of standardized citation indicators"", Mendeley Data, V3, doi: 10.17632/btchxktzyw.3

Ranked in top 5% of economics authors worldwide (March 2022) by IDEAS Research Papers in Economics (RePEc) (<https://ideas.repec.org/top/top.person.all.html>)

RESEARCH INTERESTS:

Energy Finance & Economics, Project Evaluation, Economics of Oil and Gas, Risk and Hazard Analysis

PUBLISHED BOOKS AND EDITED VOLUMES:

Economics and the Wind, B. T. Ewing and J. B. Kruse, eds., Nova Science Publishing, Inc., Hauppauge, New York, 2005.

Understanding Macroeconomic Theory, J. M. Barron, B. T. Ewing and G. J. Lynch, Routledge, London, UK, 2006.

Hispanic Heresy: What is the Impact of America's Largest Population of Immigrants? A. L. Reyes, B. T. Ewing, and J. C. Wetherbe, Mead Publishing, Houston, TX, 2009.

Hispanic Immigration: Facts versus Fiction, A. L. Reyes, J. C. Wetherbe, and B. T. Ewing, Mead Publishing, Houston, TX, 2014.

PUBLICATIONS:

194. Soleimani, N., R. Davidson, J. Kendra, B. Ewing, L. Nozick (2023) Household adaptations to and impacts from electric power and water outages in the Texas 2021 winter storm. Natural Hazards Review. 24(4) (DOI <https://doi.org/10.1061/NHREFO.NHENG-1742>)
193. Davidson, R., J. Kendra, K. Starbird, L. Nozick, B. Ewing, M. Leon-Corwin (in press) Typology of household adaptations to infrastructure system service interruptions. International Journal of Disaster Risk Reduction.
192. Stock, A., R. Davidson, J. Kendra, V. Martins, B. Ewing, L. Nozick, K. Starbird, M. Leon-Corwin (2023) Household impacts of interruption to electric power and water outages. Natural Hazards. 115, 2279-2306. (DOI <https://doi.org/10.1007/s11069-022-05638-8>)
191. Pastor, D. and B. Ewing (in press) Is there evidence of mild explosive behavior in Alaska North Slope crude oil prices? Energy Economics.
190. Cui, Y., D. Liang, B. Ewing, G. Kuangmin Gong (2023) Detecting episodes of mildly explosive behavior in Hurricane Resiliency Index to examine community resilience to hurricanes. 24, 1. Natural Hazards Review. (DOI [https://doi.org/10.1061/\(ASCE\)NH.1527-6996.0000606](https://doi.org/10.1061/(ASCE)NH.1527-6996.0000606))

189. Liang, D., B. Ewing, E. Cardella, L. Song (2023) Probabilistic Modelling of Small Business Recovery after Hurricane – A Case Study of 2017 Hurricane Harvey. Natural Hazards Review. (DOI:10.1061/(ASCE)NH.1527-6996.0000602)
188. Abderrahmane, A., R. Davidson, J. Kendra, V. Martins, B. Ewing, L. Nozick, Z. Cox, M. Leon-Corwin (2022) Household adaptations to infrastructure system service interruptions. Journal of Infrastructure Systems. 28, 4. (DOI [https://doi.org/10.1061/\(ASCE\)IS.1943-555X.0000715](https://doi.org/10.1061/(ASCE)IS.1943-555X.0000715))
187. Pastor, D. and B. Ewing (in press) Exploding DUCs? Identifying periods of mild explosivity in the time series of drilled but uncompleted wells. Energy.
186. Pastor, D. and B. Ewing (2022) VEC Model of Water Infrastructure in Los Angeles: Implications for Community Resilience and Recovery. Natural Hazards. 114, 629-643. (DOI <https://doi.org/10.1007/s11069-022-05404-w>)
185. Davidson, R., J. Kendra, B. Ewing, L. Nozick, K. Starbird, Z. Cox, and M Leon-Corwin (2022) Managing Disaster Risk associated with Critical Infrastructure Systems: A System-level Conceptual Framework for Research and Policy Guidance. Civil Engineering and Environmental Systems, 39(2): 123-143.
184. Cardella, E., B. Ewing and R. Williams (2022) Green is Good – The Impact of Information Nudges on the Adoption of Voluntary Green-Power Plans. Energy Journal, 43(1), 1-41.
183. Pastor, D. and B. Ewing (2021) Dynamics of Power Prices and Water Production in Los Angeles: Implications for Earthquake Resilience and Recovery, Empirical Economics Letters, 20(10), ISSN: 1681-8997.
182. Apergis, N., B. Ewing and J. Payne (2021) The Asymmetric Relationship of Oil Prices and Production on Drilling Rig Trajectory, Resources Policy, 71.
181. Cao, Q., A. Chen, B. Ewing, and M. Thompson (2021) Evaluating Information System Success and Impact on Sustainability Practices: A Survey and a Case Study of Regional Mesonet Information Systems, Sustainability, 13, 7260. <https://doi.org/10.3390/su13137260>, 1-23.
180. Ewing, B. (2020) Crude Oil Pipeline Capacity and Economic Stability, Energy Research Letters, 1 (3), 1-4.
179. Cui, Y. D. Liang, and B. Ewing (2020) Analysis of Employment Changes in Response to Hurricane Landfalls, Natural Hazards and Earth Systems Sciences, 20, 413-424.
178. Kantelis, N. and B. Ewing (2020) Oil Spot and Futures Prices. Handbook of Energy Economics, Chapter 21, U. Soyatas and R. Sari, Editors, Routledge.
177. Ewing, B., F. Malik and H. Anjum (2019) Forecasting Value-at-Risk in Oil Prices in the Presence of Volatility Shifts. Review of Financial Economics, 37(3), 341-350.
176. Cui, Y., D. Liang and B. Ewing (2019) Forecasting Local Sales Tax Revenues in the Aftermath of Hurricane: An Application of the Hurricane Resiliency Index. Natural Hazards Review (American Society of Civil Engineers), 20(1).
175. Ewing, B., A. Gormus and U. Soyatas (2018). Risk Transmission from Oil and Natural Gas Futures to Emerging Market Mutual Funds. Emerging Markets Finance and Trade, 54 (8), 1827-1836.
174. Ewing, B., W. Kang and R. Ratti (2018) The Dynamic Effects of Oil Supply Shocks on the US Stock Market Returns of Upstream Oil and Gas Companies. Energy Economics, 72, 505-516.

173. Ewing, B. and M. Thompson (2018) Modeling the Response of Gasoline-Crude Oil Price Crack Spread to Macroeconomic Shocks. Atlantic Economic Journal, 46, 203-213.
172. Ewing, B. and F. Malik (2017) Modelling Asymmetric Volatility in Oil Prices under Structural Breaks.” Energy Economics, 63, 227-233.
171. Apergis, N., B. Ewing and J. Payne (2017) Well Service Rigs, Operating Rigs, and Commodity Prices. Energy Sources, Part B: Economics, Planning, and Policy, 12(9), 800-807, 2017.
170. Cardella, E., B. Ewing and R. Williams (2017) Price Volatility and Residential Electricity Decisions: Experimental Evidence on the Convergence of Energy Generating Source. Energy Economics, 62, 428-437.
169. Ewing, B., S. Medcalfe, W. Squires and M. Thompson (2017) Cyclical Comovements in Energy-Related Venture Capital Investments. Applied Economics Letters, 24(15), 1065-1069.
168. Ewing, B. (2017) Discoveries of Proved Reserves and the Influence of Oil Price and Interest Rate. Energy Sources, Part B: Economics, Planning, and Policy, 12(5), 452-459.
167. Apergis, N., B. Ewing and J. Payne (2016) Oil Reserve Life and the Influence of Crude Oil Prices: An Analysis of Texas Reserves. Energy Economics, 55, 266-271.
166. Apergis, N., B. Ewing and J. Payne (2016) Persistence in New-Well Oil Production per Rig across U.S. Regions: Evidence from Modified Panel Ratio Tests. Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 38(14), 2058-206.
165. Cui, Y., D. Liang, B. Ewing and A. Nejat (2016) Development, Specification and Validation of Hurricane Resiliency Index. Natural Hazards, 82(3), 2149-2165.
164. Ewing, B. and M. Thompson. (2016) The Role of Reserves and Production in the Market Capitalization of Oil and Gas Companies. Energy Policy, 98, 576-681.
163. Dugan, M., B. Ewing and M. Thompson (2016) Dynamics of New Building Construction Costs: Implications for Forecasting Escalation Allowances. Journal of Cost Analysis and Parametrics, 9:201-207.
162. DeSilva, D., B. Ewing, C. Slade and M. Thompson (2016) A Quantile Regression Approach to Measuring the Educational Effect on Body Mass Index. Journal of the Georgia Public Health Association, 5 (3), 279-286.
161. Sutter, D. and B. Ewing (2016) State of Knowledge of Economic Value of Current and Improved Hurricane Forecasts. Journal of Business Valuation and Economic Loss Analysis, 11:1, 45-6.
160. Cui, Y., B. Ewing and D. Liang (2016) Financial Hedging the Risk of Hurricanes. Journal of Business Valuation and Economic Loss Analysis, 11:1, 37-44.
159. Apergis, N., B. Ewing and J. Payne (2016) A Time Series Analysis of Oil Production, Rig Count and Crude Oil Price: Evidence from Six U.S. Oil Producing Regions.” Energy, 97, 339-349.
158. Ewing, B. and F. Malik (2016) Volatility Spillovers between Oil Prices and Stock Market under Structural Breaks. Global Finance Journal, 29, 12-23.

157. Ewing, B., D. Schniederjans and C. Starkey (2015) Investment in Wind Generated Energy: The Impact of Behavioral and Ethical Decision Making. Journal of Management Systems, 25 (3), 39-66.
156. Cui, Y., D. Liang and B. Ewing (2015) Empirical Analysis of Building Permits in Response to Hurricane Landfalls. Natural Hazards Review (American Society of Civil Engineers) 16(4).
155. Ewing, B., M. Watson, T. McInturff, and R. McInturff (2015) The Economic Impact of the Permian Basin's Oil and Gas Industry. In Hydraulic Fracturing Impacts and Technologies: A Multidisciplinary Perspective, Taylor and Francis publishing.
154. Ewing, B and M. Watson (2015) Texas Pipelines to have \$374 Billion Economic Impact through 2024. Oil and Gas Journal, 113:4, 90-97.
153. "How Much are Trade Secrets Worth?" with J. Hoffman and M. Thompson, Entrepreneur and Information Exchange. <http://eiexchange.com/content/30>, Sept 2014.
152. "A Time Series Approach to Examine Regional Economic Resilience to Hurricanes," with Yuepeng Cui and Daan Liang, American Journal of Economics and Sociology, 73 (2), 369-391, 2014.
151. "Rivalry and the Dynamic Instability of Venture Capital Investment Shares," with T. P. Ballinger and M. A. Thompson, Applied Economics Letters, 20(12), 1150-1154, 2013.
150. "Volatility Transmission between Gold and Oil Futures under Structural Breaks," with Farooq Malik, International Review of Economics and Finance, 25, 113-121, 2013.
149. "Process Improvement: A Classroom Experiment," with M. A. Thompson and M. Ghandour, International Journal of Information and Operations Management Education, 5(1), 24-31, 2012.
148. "Historical Returns and the Appropriate Time-Frame for Future Value Calculations: Implications for Risk Management and Personal Financial Planning," with M. A. Thompson, Journal of Business Valuation and Economic Loss Analysis, 7(1), 2012.
147. "Forecasting Wind Speed with Recurrent Neural Networks," with Q. Cao and M. A. Thompson, European Journal of Operational Research, 221, 148-154, 2012.
146. "Forecasting medical cost inflation rates: A model comparison approach," with Q. Cao and M. A. Thompson, Decision Support Systems, 53, 154-160, 2012.
145. "A State-Level Analysis of Business Cycle Asymmetry," with M. A. Thompson, Bulletin of Economic Research, 64(3), 367-376, 2012.
144. "Price Trends in Single and Multispecialty Physician Practices," with M. A. Thompson and Kim Powell, Journal of Medical Practice Management, 27(3), 150-153, 2011.
143. "A Cost-Benefit Analysis of Bariatric Surgery on the South Plains Region of Texas," with M. A. Thompson, M. S. Wachtel, and E. E. Frezza, Obesity Surgery, 21, 644-649, 2011.
142. "The Response of U.S. College Enrollment to Unexpected Changes in Macroeconomic Activity," with Kris M. Ewing and Kim A. Beckert, Education Economics, 18(4), 2010, 423-434.
141. "Measuring the Regional Economic Response to Hurricane Katrina," with J. Kruse and M. A. Thompson, CESifo Forum, 11(2), 80-85, 2010.

140. "Further Evidence on the Dynamic Link between Capacity Utilization and Inflation," with M. A. Thompson, The Engineering Economist, 55, 118-130, 2010. (Article highlighted in September 2010 issue of *Industrial Engineer* magazine)
139. "Estimating Volatility Persistence in Oil Prices Under Structural Breaks," with Farooq Malik, The Financial Review, 45, 1011-1023, 2010.
138. "Economic Considerations for Bariatric Surgery and Morbid Obesity," with E. Frezza and M. Wachtel, ClinicoEconomics and Outcomes Research, 1:1, 1-5, 2009.
137. "Medical Practice Valuation: A Strategic Choice and Environmental Determinism Model," with James Hoffman and Jayne Hoffman, Health Care Management Review, 34(4), 355-363, 2009.
136. "Volatility Transmission between Oil Prices and Equity Sector Returns," with Farooq Malik, International Review of Financial Analysis, 18, 95-100, 2009.
135. "Modeling the Time-Varying Volatility of the Paper-Bill Spread" with F. Malik, J. Kruse and G. Lynch, Journal of Economics and Business, 61(5),404-414, 2009.
134. "Manufacturing and Non-Manufacturing Employment, Exchange Rate and Oil Price: A U.S. State-Level Time Series Analysis" with Benhua Yang, The International Journal of Economic and Social Research, 5(1), 1-22, 2009.
133. "The Differential Growth Effect of FDI across U.S. Regions" with Benhua Yang, International Economic Journal, 23(4), 511-525, 2009.
132. "Selling Slave Families Down the River: Property Rights at the Auction," with M. Thornton and M. Yanochik, The Independent Review, 14(1), 71-79, 2009.
131. "Twister! Employment Responses to the Oklahoma City Tornado," with J. B. Kruse and M. Thompson, Applied Economics, 49(4-6), 691-702, 2009.
130. "Relationships among Strategic Commodities and with Financial Variables: a New Look," with S. Hammoudeh and R. Sari, Contemporary Economic Policy, 27(2), 251-164, 2009.
129. "Analysis of Wind-Induced Economic Losses Resulting from Roof Damage to a Metal Building," with A. Dabral, Journal of Business Valuation and Economic Loss Analysis, 4(2), article 10, 2009.
128. "A Multidisciplinary Plan for Executive Education and Lifelong Learning Programs in Wind Science and Engineering," with J. Kruse and M. A. Thompson, International Journal of Continuing Engineering Education and Life-Long Learning, 19(1), 74-81, 2009.
127. "Examination and Comparison of Hispanic and White Unemployment Rates," with A. Reyes, M. Thompson and J. Wetherbe, Journal of Business Valuation and Economic Loss Analysis. 3, Article 11, 2008.
126. "Industrial Production, Volatility, and the Supply Chain" with M. A. Thompson, International Journal of Production Economics. 115(2), 553-558, 2008.
125. "Threshold Cointegration Analysis of Crude Oil Benchmarks," with S. M. Hammoudeh and M. A. Thompson, Energy Journal. 29(4), 79-96, 2008.
124. "An Economic Approach to Opening a Bariatric Practice," with E. E. Frezza, The SAGES Manual of Bariatric Surgery, Eds. Drs. Nguyen, DeMaria, Ikramuddin, and Hutter. Springer, New York, NY. 75-84, 2008.

123. “VAR and Generalized Impulse Response Analysis of Manufacturing Unit Labor Costs,” with M. A. Thompson, Physica A: Statistical Mechanics and its Applications, 387, 2008, pp. 2575-2583.
122. “A Hybrid Approach for Teaching Introduction to Operations Management,” with P. Flamm, F. Delgadillo and J. Hoffman, International Journal of Information and Operations Management Education, 2(3), 255-274, 2008.
121. “The Relationship Between Disaggregate Energy Consumption and Industrial Production in the United States: An ARDL Approach,” with R. Sari and U. Soytas, Energy Economics, 30, 2302-2313, 2008.
120. “Transmission of Shocks among Health Care Sector Index Returns,” with J. B. Kruse and M. A. Thompson, Applied Financial Economics Letters, 4, 71-75, 2008.
119. “Analysis of Time-Varying Turbulence in Geographically Dispersed Wind Energy Markets,” with J. Kruse and M. Thompson, Energy Sources, Part B: Economics, Planning, and Policy, 3, 340-347, 2008.
118. “Wind Hazard Risk Perception: An Experimental Test,” with J. B. Kruse and M. A. Thompson, in Experimental Methods, Environmental Economics, T. Cherry, S. Kroll and J. Shogren, Eds., Routledge, 395-406, 2008.
117. “Hurricanes and Economic Research: An Introduction to the Hurricane Katrina Symposium,” with J. Kruse and D. Sutter, Southern Economic Journal, 74(2), 315-325, 2007.
116. “Symmetric and Asymmetric Stationarity Tests of Productivity,” with M. A. Thompson, The Engineering Economist, 52, 355-365, 2007. (This article was highlighted in the research section of *Industrial Engineer*, December 2007)
115. “Bariatric Surgery Costs and Implications for Hospital Margins: Comparing Laparoscopic Gastric Bypass and Laparoscopic Gastric Banding,” with E. Frezza and M. Wachtel, Surgical Laparoscopy Endoscopy & Percutaneous Techniques, 17(4), 239-244, 2007.
114. “Dynamic Relationships between Oil and Metal Commodity Futures Prices,” with R. Sari and S. Hammoudeh, Geopolitics of Energy, 29(7), 2-13, 2007.
113. “Characterizing the Long Run Relationship Between Union and Nonunion Wages,” with P. V. Wunnava, Empirical Economics Letters, 6(4), 227-236, 2007.
112. “Dynamic Cyclical Comovements of Oil Prices with Industrial Production, Consumer Prices, Unemployment and Stock Prices,” with M. A. Thompson, Energy Policy, 35(11), 5535-5540, 2007.
111. “Relative Forecasting Performance of REIT Return Volatility,” with M. Thompson and J. Payne, Forecasting Letters, 1(3), Article 3, 2007.
110. “Macroeconomic Activity and the Compensation of Health Care Workers,” with J. Hoffman and M. Thompson, Journal of Business Valuation and Economic Loss Analysis, 2(2), Article 2, 2007.
109. “Housing Market and Macroeconomic Variables in Turkey,” with R. Sari and B. Aydin, Emerging Markets Finance and Trade, 43(5), 5-19, 2007.
108. “Using Volume to Forecast Stock Market Volatility around the Time of the 1929 Crash,” with M. Thompson and M. Yanochik, Applied Financial Economics, 17(14), 1123-1128, 2007.

107. "Asymmetric Mean Reversion in Corporate Profits," with M. Thompson, Applied Economics Letters, 14(13), 935-938, 2007
106. "The Prime Rate-Deposit Rate Spread and Macroeconomic Shocks," with J. B. Kruse, Advances in Quantitative Analysis of Finance and Accounting, ed. Cheng-Few Lee, 5, chapter 9, 181-198, 2007.
105. "Worker Compensation and Macroeconomic Shocks in Service- and Goods-Producing Sectors," with Mark A. Thompson, International Journal of Service and Operations Management, 3(4),411-426, 2007.
104. "Time Series Analysis of a Predator-Prey System: Application of VAR and Generalized Impulse Response Function," with Kent Riggs and Keith L. Ewing, Ecological Economics, 60(3), 605-612, 2007.
103. "Energy Consumption, Income, and Carbon Emissions in the United States," with U. Soytas and R. Sari, Ecological Economics, 62(3-4), 482-489, 2007.
102. "Time Series Analysis of Wind Speed using VAR and Impulse Response Technique," with Jamie B. Kruse, John Schroeder, and Doug Smith, Journal of Wind Engineering and Industrial Aerodynamics, 95(3), 209-219, 2007.
101. "Disaggregate Energy Consumption and Industrial Output," with R. Sari and U. Soytas, Energy Policy, 35(2), 1274-1281, 2007.
100. "Local Housing Price Index Analysis in Wind-Disaster-Prone Areas," with J. B. Kruse and Y. Wang, Natural Hazards, 40(2), 463-483, 2007.
99. "Broadbanding a Surgical Academic Practice," with Eldo Frezza, Journal of Medical Practice Management, 22(4), 222-229, 2007.
98. "The Labor Market Effects of High School Athletic Participation: Evidence from Wage and Fringe Benefit Differentials," Journal of Sports Economics, 8(3), 255-265, 2007.
97. "Do Flow Rates Respond Asymmetrically to Water Level? Evidence from the Edwards Aquifer," with M. Thompson and T. Kerr, Journal of Applied Statistics, 33(10), 1121-1129, 2006.
96. "The Impact of Morbid Obesity on the State Economy: An Initial Evaluation," with E. E. Frezza and M. S. Wachtel, Surgery for Obesity and Related Diseases (Journal of the American Bariatric Society), 2(5), 504-508, 2006.
95. "Valuing Self Protection: Income and Certification Effects for Safe Rooms," with Jamie B. Kruse, Construction Management and Economics, 24(10), 1057-1068, 2006.
94. "Response of Building Costs to Unexpected Changes in Real Economic Activity and Risk," with D. Liang and M. Thompson, in Business Research Yearbook: Global Business Perspectives, M. Adams and A. Alkhafaji, Eds., 251-255, 2006.
93. "Modeling Volatility Changes in the 10 Year Treasury," with G. Covarrubias, S. Hein, and M. Thompson, Physica A: Statistical Mechanics and its Applications, 369(2), 737-744, 2006.
92. "Examining Asymmetry in Energy Futures and Spot Prices," with S. M. Hammoudeh and M. A. Thompson, Energy Journal, 27(3), 9-23, 2006.

91. "Employment Linkages in Technology Manufacturing in Texas," with Shwetha Rao, Information Technology Journal, 5(4), 655-660, 2006.
90. "The Response of Insurer Stock Prices to Natural Hazards," with Jamie B. Kruse and Scott E. Hein, Weather and Forecasting (Journal of the American Meteorological Society), 21(3), 395-407, 2006.
89. "Time Series Analysis of Wind Speed with Time-Varying Turbulence," with Jamie B. Kruse and John Schroeder, Environmetrics, 17(2), 119-127, 2006.
88. "Government Expenditures and Revenues: Evidence from Asymmetric Modeling," with J. E. Payne, O. Al-Zoubi, and M. Thompson, Southern Economic Journal, 73(1), 190-200, 2006.
87. "Wagner's Hypothesis: New Evidence from the U.S. Using the Bounds Testing Approach" with James E. Payne and Hassan Mohammadi, The Elgar Companion to Public Economics: Empirical Public Finance edited by Richard J. Cebula and Attiat Ott, (Edgar Elgar Publishing Co.: United Kingdom), 30-40, 2006.
86. "Transmission of Labor Market Shocks after the Oklahoma City Tornado," with Jamie B. Kruse and Mark A. Thompson, Environmental Hazards, 6(4), 181-188, 2005.
85. "Forecasting REIT Volatility," with J. E. Payne and M. Thompson, Risk Letters, 1(2), 2005.
84. "An Empirical Examination of the Corpus Christi Unemployment Rate and Hurricane Bret," with J. B. Kruse and M. Thompson, Natural Hazards Review (Journal of the American Society of Civil Engineers), 6(4), 191-196, 2005.
83. "The Employment Effects of a 'Good Cause' Discharge Standard in Montana," with Charles North and Beck Taylor, Industrial and Labor Relations Review, 59(1), 17-33, 2005 17-33.
82. "Comparing the Impact of News: A Tale of Three Healthcare Sectors," with J. B. Kruse and M. A. Thompson, Journal of Business Finance and Accounting, 32(9-10), 2045-2050, 2005.
81. "Measuring Volatility Persistence in the Presence of Sudden Changes in the Variance of Canadian Stock Returns," with F. Malik and J. E. Payne, Canadian Journal of Economics, 38(3), 1037-1056, 2005.
80. "Re-Examining the Asymmetric Predictability of Conditional Variances: The Role of Sudden Changes in Variance," with Farooq Malik, Journal of Banking and Finance, 29(1), 2655-2673, 2005.
79. "Modeling Unemployment Rates by Race and Gender: A Non-Linear Time Series Approach," with William Levernier and Farooq Malik, Eastern Economic Journal, 31(3), 333-347, 2005.
78. "Tornadoes and Labor Markets: Fort Worth, Nashville, and Oklahoma City," with Jamie Brown Kruse and Mark A. Thompson, Economics and Wind, Eds. B. T. Ewing and J. B. Kruse, Nova Science Publishing, Inc., chapter 3, 25-34, 2005.
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- Railroad Commission of Texas, “Study on the Oil and Gas Regulation and Cleanup Fund Revenue Streams”, PI, **\$27,300**, 3/1/22-12/31/22.
- Texas Water Development Board, “Texas Produced Water Consortium,” Co-PI, **\$1,000,000**, 9/1/21-8/31/23.
- Colorado State University/U.S. Department of Commerce – National Institute of Standards and Technology, “Center for Risk-Based Community Resilience Planning,” PI, **\$297,804**, 9/17/20-1/31/24.
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- Georgia Southern University Faculty Research Sabbatical Award, "International Evidence on the Stability of the Demand for Money," 1/2 Sabbatical, Summer 1997.
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Local Housing Price Index Analysis in Wind-Disaster-Prone Areas, with J. B. Kruse and Y. Wang, Wind Science and Engineering Research Center, Texas Tech University, report prepared for Department of Commerce, National Institute of Standards and Technology, 2004

Insurer Stock Price Responses to Hurricane Floyd: An Event Study Analysis using Storm Characteristics, with S. E. Hein and J. B. Kruse, Wind Science and Engineering Research Center, Texas Tech University, report prepared for Department of Commerce, National Institute of Standards and Technology, 2003

The Economic Impact of the Fort Worth Tornado on Employment, with J. B. Kruse and M. A. Thompson, Wind Science and Engineering Research Center, Texas Tech University, report prepared for Department of Commerce, National Institute of Standards and Technology, 2003

The Economic Impact of the Nashville Tornado on Employment, with J. B. Kruse and M. A. Thompson, Wind Science and Engineering Research Center, Texas Tech University, report prepared for Department of Commerce, National Institute of Standards and Technology, 2003

The Economic Impact of the Oklahoma City Tornado on Employment, with J. B. Kruse and M. A. Thompson, Wind Science and Engineering Research Center, Texas Tech University, report prepared for Department of Commerce, National Institute of Standards and Technology, 2002

A Study of the Available Labor Force for Bulloch and Surrounding Counties, for the Development Authority of Bulloch County, Bureau of Business Research and Economic Development, GSU, 1997

An Economic Impact Analysis of a New Mineral Mining Operation in Southeast Georgia, for the DuPont Company, with S. Forbes and the Center for Management Development, GSU, 1997

SELECTED PRESENTATIONS AT PROFESSIONAL MEETINGS AND CONFERENCES:

“Developing Core Metrics for IN-CORE,” B. Ewing, 14th Americas Conference on Wind Engineering, Lubbock, TX, May 2022.

“Mitigation Actions and Small Business Recovery: Evidence From 2017 Hurricane Harvey,” Z. Keeler; E. Cardella; B. Ewing; D. Liang; L. Song, 14th Americas Conference on Wind Engineering, Lubbock, TX, May 2022.

“Impact of Hurricanes on Small Construction Business and Their Recovery,” A. Sahu; L. Song; E. Cardella; B. Ewing; Z. Keeler; D. Liang, 14th Americas Conference on Wind Engineering, Lubbock, TX, May 2022.

- “Validating Community Disaster Resilience: Evidence from Economic Activity after Tornados,” B. Ewing, M. Gomez Saldarriaga, J. Kruse, and A., North American Regional Science Council annual conference, Denver, CO, November 2021.
- “VEC Model of Water Production in Los Angeles: Implications for Community Resilience and Recovery,” with D. Pastor, Southern Regional Science Association (virtual) annual conference, April 2021.
- “Dynamics of Power Prices and Water Production in Los Angeles: Implications for Earthquake Resilience and Recovery,” with D. Pastor, North American Regional Science Council (virtual) annual conference, November 2020.
- “Choice-Based Experimental Design for Economic Analysis of Renewable Energy,” with S. Bayne, E. Cardella, and R. Williams, GLEAMM/Spark Fund Challenge, Lubbock, TX, September 2016.
- “Economic Metrics for Hurricane Resiliency and Recovery,” National Science Foundation Industry/University Cooperative Research Center, Wind Hazard and Infrastructure Performance, Dallas, TX, November 2014.
- “Economic Impacts of Permian Basin Oil & Gas,” with Marshall Watson et al., Fracturing Impacts and Technologies Conference, Lubbock, TX, September 2014.

INVITED SEMINARS/WORKSHOPS:

Florida State University (1995), Georgia Southern University (1995), Texas Tech University (1998), Purdue University (2000), Baylor University (2000), Texas Tech Dept. of Finance (2000), University of Oklahoma (2001), Texas A&M University (2002), Baylor University (2003), University of Richmond (2003), Georgia State University (2003), Texas Tech University, Area of ISQS (2004), Texas Tech University, College of Engineering, IGERT Wind Science seminar series (2004), University of Chicago/Spencer Foundation Youth Sports Conference (2004), FDIC, Center for Financial Research (2005), Center for Homeland Defense and Security's State of California Topical Seminar, Sacramento, CA (2010), Center for Homeland Defense and Security's, Orange County Topical Seminar, Orlando, FL (2010), Rewarded with Wind-AWEA/NWI (2017), Advancing Infrastructure Resilience, TTU Dept. of Civil, Environmental and Construction Engineering workshop in collaboration with Fraunhofer Institute for High-Speed Dynamics (2018); CSU-NIST Data Workshop Panel on Identifying Data Needs for Community and Regional Resiliency Modeling (March 2021)

PROFESSIONAL AFFILIATIONS/MEMBERSHIPS:

American Association for Wind Engineering, Institute for Supply Management, National Association of Forensic Economics, Society for Benefit Cost Analysis, Southern Economic Association, Southern Regional Science Association, United States Energy Association

COURSES TAUGHT:

Undergraduate

Energy Finance, Energy and Environmental Economics, Applied Business Economics, Production & Operations Management, Production & Operations Management-Honors, Money & Banking, International Trade and Finance, Principles of Microeconomics, Principles of Macroeconomics, Basic Economics (general survey course), Intermediate Macroeconomics, Econometrics

Graduate

Economic Analysis for Business (MBA), Applied Business Economics (MBA), Operations Management and Management Science (MBA), Statistics (MBA and Executive-style MBA), Domestic and Global Business Conditions (MBA, HOM/MBA, JD/MBA & Executive-style MBA), Production & Operations Management (MBA), Analysis of Information in the Time Domain (Ph.D.),

Time-Series Econometrics (Ph.D.), Time Series Analysis (Ph.D. course in Statistics), Econometrics (Master's), Macroeconomic Theory (Ph.D. and Master's), Managerial Economics (MBA and Executive MBA), Health Care, Economics, and Information (MBA for Physicians and Dentists), Health Care Economics (MBA for Physician Leaders), Monetary Theory II (Ph.D. independent study), Agricultural Commodity Futures and Options (Ph.D. independent study), Economic Modeling and Forecasting (Ph.D. independent study), IGERT Wind Science Internship (Ph.D.)

UNIVERSITY, COLLEGE, AND DEPARTMENTAL SERVICE:

At Texas Tech University:

College of Arts & Sciences, Community and Urban Studies Minor Committee (1998)
 Undergraduate Studies Committee, Department of Economics (1999-2001)
 Monetary Theory Field Exam Committee (Ph.D.), Economics (1999)
 Virtual Working Paper Series, Co-Organizer, Economics (2000-2003)
 Forecasting Qualifying Exam Committee for Ph.D. students, College of Business (2000)
 Graduate Macroeconomics (M.S. and Ph.D.) Comprehensive Exam Writer/Grader, Department of Agricultural and Applied Economics (2000, 2001, 2002, 2003)
 Master's Exam Committee, Department of Economics (2001, 2002)
 Minor Exam Committee for Ph.D. in Finance (Chair 2001)
 Macroeconomics Faculty Search Committee (2001-02)
 Mentor, Teaching Excellence And Career enHancement (TEACH) Program (2001-02)
 Macroeconomic Ph.D. Core Examination committee (Chair spring 2002, 2003; member fall 2002)
 Financial Economics Field Exam (Ph.D.), Department of Economics (Chair 2003)
 IGERT Co-PI program committee (2004-2007)
 Production & Operations Management program committee (2004-present)
 Recruiting Director, Multidisciplinary Graduate Program in Wind Science & Engineering (2005-07)
 Wind Science and Engineering Leadership Council (2005-2012)
 Faculty Search Committee, ISQS Operations Management (spring 2005)
 ISQS Graduate Student Research & Teaching Award committee (summer 2005)
 Chair of Search Committee, J. W. Regents Professor in Management Information Systems (2006)
 Dean's Coordinating Council (2007-2011)
 Health Organization Management (HOM) Tenure Committee (2008)
 Chair of Faculty Search Committee for Health Organization Management (HOM) Program (2009)
 Wind Science and Engineering PhD Curriculum Committee (2009-2011)
 Rawls College of Business, Strategic Management Council (2010)
 Chair, Full Professor Promotion committee, Department of Economics (2010)
 Tenure and Promotion committee, Area of Energy, Economics & Law (2013-14)
 Rawls Business Leadership Program – Mentor (2014-2016)
 Search Committee, Area of Energy, Economics & Law (2014-15)
 Rawls Credentialing Committee (2016)
 Rawls College Dean Search Committee (2016-17)
 National Wind Institute, Wind Science & Engineering PhD Academic Curriculum Committee (2016-present)
 Rawls College Research Committee (2016)
 Tenure committee, Free Market Institute (2017)
 Rawls Journal Task Force Committee (2017)
 Tenure and Promotion coordinator (proxy) Energy Commerce and Business Economics (2018)
 Chair of PEG, Energy Commerce and Business Economics, Professor of Practice (2018)
 Law School Endowed Professorship Review Committee, Office of the Provost (2018)
 Horn Professor Selection Committee (2018-19)
 Tenure and Promotion committee, Rawls College of Business (2013-14, 2014-15, 2015-2016, 2016-2017, 2017-2018, 2018-2019, Committee Chair spring 2019-summer 2019; 2020-2021, 2021-2022, 2022-2023, 2023-2024)
 Tenure and Promotion coordinator (proxy) Energy Commerce and Business Economics (2019)
 Finance Area Endowed Chair Review Committee, Office of the Provost (2019)

ECBE Peer Teaching Evaluation Committee (2020, 2021, 2022)
 RCOB Faculty Budget Committee (2020)
 GLEAMM Director Search Committee (2021)
 Honorary Degree Review Committee (2022)
 Associate Dean for Research and Outreach search committee (2023)

At Georgia Southern University:

Faculty Advisor for the Economics Club (1995-98)
 Academic advisor for BBA Economics/International Business students (1995-98)
 Economics Department Library Committee (1995-98)
 Economics Department Curriculum Committee (1995-98)
 Economics Department Textbook Committee (1995-98; chair 1997-98)
 Economics Department Faculty Search Committee Chair (1996-97)
 College of Business Administration Undergraduate Curriculum Committee (1996-98)
 University Faculty Research Sub-Committee (1997-98)

Media interviews/guest appearances (newspaper, television, radio, etc.) – *Viewpoint* KTXT-TV Lubbock, Fox34 (Lubbock), KAMC (ABC), *Lubbock Avalanche Journal*, *University Daily (Daily Toreador)*, *Christian Science Monitor*, *LA Times*, *Odessa American*, *Midland Reporter-Telegram*, *Amarillo Globe-News*, *Debt & Equity Journal*, WWL (New Orleans), WGEM (Quincy, IL), KTHR (Houston, TX)

Research cited in a number of media outlets including:

Miller-McCune, American Bar Association, Pew Hispanic Center HispanicBusiness.com, Hispanic National Bar Association, Entrepreneur.com, Lubbock Avalanche Journal, Plainview Daily Herald, Dallas Morning News, Legal Broadcast Network (LBN), The Latino Journal, Hispanic Marketing & Public Relations.com, Odessa American, Midland Reporter-Telegram, Natural Gas Intelligence's Shale Daily, NGI's Daily Gas Price Index, Science Daily, Shale Markets, Energy Global, Pipelines International, Inc. Magazine

Guest speaker

South Plains Trial Lawyers Association (September 2004, for CLE credit)
 Lubbock APICS Chapter (September 2004)
 Texas Bar Association (November 2004, CLE credit)
 Ector County Bar Association (November 2004, CLE credit)
 Arlington Bar Association (November 2004, CLE credit)
 Abilene Bar Association (December 2004, CLE credit)
 Lea County Bar Association (January 2005, CLE credit)
 Midland County Bar Association (February 2005, CLE credit)
 Wichita Falls Bar Association (March 2005, CLE credit)
 Lubbock Young Lawyers Association (April 2005, CLE credit)
 Howard County Bar Association (April 2005, CLE credit)
 North Dallas Bar Association (April 2005, CLE credit)
 Lubbock Criminal Defense Lawyers Association (May 2005, CLE credit)
 Amarillo Bar Association (October 2005, CLE credit)
 Lubbock Young Lawyers Association (February 2006, CLE credit)
 Lubbock Bar Association (August 2006, CLE credit)
 Texas Pipeline Association Board Meeting (San Antonio, TX Spring 2014)
 Permian Basin Petroleum Association (Fall 2014)
 Permian Coalition (Midland, TX Fall 2019)
 Permian Coalition (Webinar, Spring 2020)

Ph.D. DISSERTATION COMMITTEES:

Advisor/Chair:

- Farooq Malik (*Graduated Summer 2000*), Texas Tech University, Department of Economics, "Three Essays in Applied Financial Economics and Macroeconomics." (current position at Northern Arizona University, Department of Finance)
- Talah S. Arabiyat (*Graduated 2003*), Texas Tech University, Department of Economics, "Essays in Commodity Asset Pricing and Yield Spreads." (Accepted position at Jordan University of Science and Technology)
- Omar Al-Zoubi (*Graduated 2003*), Texas Tech University, Department of Economics, "Essays in Monetary and Fiscal Policy." (Accepted visiting position at Texas Tech, Economics Department; current position at Central Bank of Jordan)
- Guillermo Covarrubias (*Graduated December 2004*), Texas Tech University, Department of Economics, "Examination of Yield Spreads: Econometric Modeling and Forecasting." (Co-chair) (current position at University of North Texas)
- Nahil Saqef Al Hait (*Defended 1/05*), Texas Tech University, Department of Economics, "A Comparison of the Cognitive Hierarchy Model and Quantal Response Equilibrium in One Shot Games: Theory and Experiments." (Co-chair)
- Yongsheng Wang (*Graduated August 2006*), Texas Tech University, Department of Economics, "Essays in Real Estate Finance and Economics." (Co-chair) (Accepted position at Washington & Jefferson College)
- Benhua Yang (*Graduated May 2007*) Texas Tech University, Economics. (Co-chair) "Essays in FDI and Growth" (Accepted position at University of New Hampshire; current position at Stetson University)
- Dennis D. Noll (*Graduated Summer 2008*) Texas Tech University, Wind Science and Engineering, "Design and control of an integrated wind-water desalination system for an inland municipality". (Co-chair). (Accepted position at Black & Veach)
- Maribel Martinez (*Graduated May 2009*), Texas Tech University, Wind Science and Engineering, "Economic Analysis of the Tornado Impact upon Two Communities." (Accepted position at Amarillo/Potter/Randall Office of Emergency Management)
- Yuepeng Cui (*Defended 3/15*), Texas Tech University, National Wind Institute, "A Quantitative Model for Measuring Community Resiliency to Hurricanes," (Co-chair; current position at Fujian University of Technology).
- Pataya Scott (*Graduated 2021*) Texas Tech University, Wind Science and Engineering, "Analysis of residential building performance in tornadoes as a function of building and hazard characteristics" (Current position at FEMA).

Member:

- Ramazan Sari (*Graduated 1999*), Texas Tech University, Department of Economics, "A Wage Determination Model: Theory and Evidence." (Accepted position at Abant Izzet Baysal University; current position at Technical University of Denmark)
- Mark L. Hoelscher (*Graduated 2002*), Texas Tech University, Department of Management, "The Effect of Family Capital on Family Business Performance: Collaboration and Conflict as Moderators." (Accepted position at Illinois State University)
- Mark A. Thompson (*Graduated May 2003*), Texas Tech University, Department of Economics, "Essays in the Economic Analysis of Risk." (Accepted position at Stephen F. Austin State University; current position at Augusta State University)
- James Lee Slaydon (*Defended 12/04*), Texas Tech University, Department of Finance, "The Skewness Preference of Investors in Initial Public Offerings in the Long Run: A Theoretical and Empirical Test of Asset Pricing Models." (Accepted position at Radford University)
- Apoorv Dabral (*Defended 12/06*) Texas Tech University, Wind Science & Engineering, "Wind Effects on Metal Buildings." (Accepted position at Eqecat, ABS Group)
- Hector J. Cruzado (*Defended 5/07*) Texas Tech University, Wind Science/Civil Engineering. (Accepted position at Polytechnic University of Puerto Rico)

Sonja Phippen (*Defended 5/06*), Texas Tech University, Area of Accounting, “An Analysis of the Impact of Tax Systems on Income Distribution, Poverty and Human Well-Being (Accepted position at UN-Reno)

Engkumah Engkuchik (*Defended 5/06*), Texas Tech University, Area of Finance.

Ty Perry (*Defended Fall 2009*), Texas Tech University, Area of Finance. (Accepted position at University of Southern Mississippi)

Mark Thouin (*Graduated 2008*) Texas Tech University, Area of ISQS, “An Empirical Analysis of the Value of IT Investment, Outsourcing, and Strategy: An Agile Transaction Cost Perspective.” (accepted position at UT-Dallas)

Alice Liu (*Graduated 8/09*) Texas Tech University, Area of ISQS. (accepted position at Our Lady of the Lake University)

Anant Jain (*Defended 12/14*) Texas Tech University, Wind Science and Engineering.

MASTERS’S THESIS COMMITTEES:

Member:

Pablo Sherwell Cabello (*Graduated 2001*), Texas Tech University, Department of Economics, “Analyzing Inter-Industry Linkages: A Case Study for the South Plains Region of Texas.”

POST-DOC SUPERVISOR:

Yuepeng Cui, PhD (Fall 2017)
Zach Keeler, PhD (2021-2022)

PRIVATE CONSULTING:

Expert witness and consultant on economic loss and business valuation, various law firms and businesses
Consultant, U.S. Attorney’s Office, Lubbock, TX
Consultant, U.S. Attorney’s Office, Fort Worth, TX
Consultant, National Oceanic Atmospheric Administration (NOAA)
Member/Panelist, MET, Center for Homeland Defense and Security, Naval Postgraduate School (2010-11)
Partner, Ph.D. Resource Group, LLC. (2004-present)