Gerard J. Burke, Jr.
PO Box 8036 **gburke@georgiasouthern.edu**
Statesboro, GA 30460 **912-478-1495**

I. Summary of Education and Professional Experience

Education

Ph.D. (Operations Management): University of Florida**,** August 6, 2005
MS (Decision and Information Sciences): University of Florida**,** August 7, 2004
MBA (Supply Chain Management): University of Florida**,** May 5, 2001
BSBA (Economics): University of Florida, August 10, 1991

Academic Administration and Leadership

Georgia Southern University
2014 - Present: Chair, Department of Logistics & Supply Chain Management
2012 – 2014: Chair, Department of Management
2011 – 2012: Chair, Department of Finance and Quantitative Analysis

Faculty Positions

Georgia Southern University
2016- Present: Professor
2011- 2016: Associate Professor
2005 – 2011: Assistant Professor

University of Florida
2008 - 2010 (summers only): Visiting Assistant Professor

II. Research and Scholarship

Research Publications in Refereed Journals

Scott, M., Burke. G., and J. Szmerekovsky. "Do as I Do and Not as I Say": Exploring Price-Oriented Maverick Buying During Supplier Selection. *Decision Sciences Journal.* (accepted and available online 2016)

Simons, J.V., Kraus, M., Mwangola, W. and G. Burke. 2012. Conditional Lot Splitting to Avoid Setups While Reducing Flow Time, *American Journal of Operations Research*, November, Vol. 4, no. 2, pp. 453-466.

Simons, Jacob, Gerard Burke, and Greg Russell. 2011. A Cost-Based Model for Customer Batching in Mass Service Operations. *Journal of Service Science Research* 3, 105-120.

Zhang, X. and G. Burke. 2011. An Analysis of Compound Bullwhip Effect Causes. *European Journal of Operational Research*, 210, 514-526.

Burke, G.J., J.E. Carrillo and A.J. Vakharia. 2009. Strategic Sourcing Decisions with Stochastic Supplier Reliability. *Production and Operations Management*, 18, 4.

Burke, G.J., S.S. Erenguc and A.J. Vakharia. 2008. Optimal Requirement Allocation Among Capacity Constrained Discount Quoting Suppliers. *Operations Management Research,* 1, 53-60.

Burke, G.J., J.E. Carrillo and A.J. Vakharia. 2008. Heuristics for Sourcing from Multiple Suppliers with Alternative Quantity Discounts. *European Journal of Operational Research,* 186, 317-329.

Burke, G.J., J. Geunes, H.E. Romeijn, and A. Vakharia. 2008. Allocating Procurement to Capacitated Suppliers with Concave Quantity Discounts. *Operations Research Letters* 36, 103-109.

Burke, G.J., J.E. Carrillo and A.J. Vakharia. 2007. Single vs. Multiple Supplier Sourcing Strategies. *European Journal of Operational Research,* 182.

Burke, G.J. 2006. The Push and Pull of Product Demand on Supply Chain Models. *The Josai Journal of Business Administration,* March.

Research Papers under Refereed Review

Mackelprang, A., Bernardes, E., Burke, G. and C. Welter. Supplier's Comparative Innovation Investments, Customer Base Innovativeness and Competitive Performance: An Empirical Assessment from the Supplier's Perspective. *Decision Sciences Journal.*

Burke, G. and A. Arora. Benchmarking Triple Bottom Lines of Global Transportation and Logistics Companies. *International Journal of Production Economics.*

Research Publications in Refereed Collective Volumes

Arora, A., Burke, G. and M.S. Raisunghani. 2012. Measuring the effect of supply chain collaborations and market turbulence on performance outcomes. *Technology Management Conference (ITMC), IEEE International,* pp. 188-196, Dallas, TX.

Burke, G. and A.J. Vakharia. Supply Chain Management. *Technology Management Handbook,* Vol. 2, pp. 16-27, John Wiley & Sons Inc., Hoboken, New Jersey, 2010.

Burke, J. and A.J. Vakharia. Supply Chain Management. *Internet Encyclopedia,* Vol. 3, pp. 365-373, John Wiley & Sons Inc., Hoboken, New Jersey, 2004.

Research Projects in Preparation for Refereed Journal Submission

Burke, G., Zhang, X., Mwangola, W. and C. Ayala. Bullwhip Effects in a Triadic Supply Chain with Multiple Demand Streams and Temporal Order Batching.
Target: *European Journal of Operation Research*

Harnowo, A., Mackelprang, A.W. and G. Burke. Does Supply Chain Information Technology Improve Firm Performance? A Meta-Analytic Evaluation.
Target: *Information Systems Research*

Mwangola, W., Mackelprang, A.W. and G. Burke. An Empirical Analysis of the Relationship between Flexibility, Inventory and Firm Performance.
Target: *Production Operations Management Journal*

Arora, Amit, Arora, Anshu, Sivakumar, K and G. Burke. Strategic Sustainable Purchasing, Environmental Collaboration, and Organizational Sustainability Performance: The Moderating Role of Supply Base Size. Target: *Journal of Supply Chain Management.*

Scott, M. and G, Burke. JCB Case: Brand Awareness and Distribution Strategy in North America.
Target: *Decision Sciences Journal of Innovative Education*

Research Projects Presented at Professional Meetings

Mackelprang, A., Bernardes, E., Burke, G. and C.Welter (2016). Should suppliers choose to be leading innovators? Decision Sciences Institute Annual Conference, Austin, TX.
Awarded best theory-driven, empirical paper (1 of 4 best papers from 400+ submissions)

Mackelprang, A., Bernardes, E., Burke, G. and C. Welter (2016). Should suppliers choose to be leading innovators? Council of Supply Chain Management Professionals Annual Conference, Orlando, FL.

Hanna, M., Simons, J. and G. Burke (2016). Outcomes-Based Course Design and Assurance of Learning. Production Operations Management Annual Conference, Orlando, FL.

Harnowo, A., Burke, G., Mackelprang, A. and C. Aasheim (2015). Can Information Technology Overcome Perils of Supply Chain Complexity? Decision Sciences Institute Annual Conference, Seattle, WA.

Irfan, M.A., Burke, G. and A. Arora (2015). Emergent Supply Chain Sustainability Strategies of Top Sustainable Manufacturers. Academy of International Business-Southeast Annual Conference, Savannah, GA.

Kumthekar, N., Burke, G. and A. Arora (2015). An Integrated Index for Triple Bottom Line Performance of the Big Three Firms in Logistics and Shipping Services Industry. Academy of International Business-Southeast Annual Conference, Savannah, GA.

Arora, A., Burke, G., Bernardes, E., and Mackelprang, A. (2014). Strategy Framework of Market-Oriented Supply Chain Sustainability. Decision Sciences Institute Annual Conference, Tampa, FL.

Ayala, C., Burke, G., Mackelprang, A. and Dick, G. (2014). Effects of Bullwhip on Item and Store Level Performance. Decision Sciences Institute Annual Conference, Tampa, FL.

Harnowo, A.S., Mackelprang, A., and Burke, G. (2014). Does Supply Chain Information Technology Improve Firm Performance? A Meta-Analytic Evaluation. Decision Sciences Institute Annual Conference, Tampa, FL.

Mwangola, W., Mackelprang A., & Burke, G. (2014). Risk vs Reward: Examining Performance Tradeoffs of Efficiency and Complexity in Supply Chain Operations. Decision Sciences Institute Annual Conference, Tampa, FL.

Mwangola, W., Mackelprang A., & Burke, G. (2014). Risk vs Reward: Examining Performance Tradeoffs of Efficiency and Complexity in Supply Chain Operations Council of Supply Chain Management Educator's Conference, San Antonio, TX.

Harnowo, A.S., Mackelprang, A., and Burke, G. (2014). Does Supply Chain Information Technology Improve Firm Performance? A Meta-Analytic Evaluation. Council of Supply Chain Management Educator's Conference. 2014: San Antonio, TX.

Harnowo, A. and Burke, G.J. (2013). Clash of Two Titans: Overall impact of brand equity on inventory level, *Decision Sciences Institute (DSI) – Forty Fourth Annual Meeting*, Baltimore, MD.

Mwangola, W., Mackelprang, A. and Burke, G.J. (2013). An Empirical Analysis of the Vulnerability-Efficacy Tradeoff, *Decision Sciences Institute (DSI) – Forty Fourth Annual Meeting*, Baltimore, MD.

Arora, A., and Burke, G.J. (2012). Measuring the Sustainability Performance of Logistics and Shipping Services Companies: Impact of Economic, Environmental and Social Dimensions, *Decision Sciences Institute (DSI) – Forty Third Annual Meeting*, San Francisco, CA, USA.

Burke, G.J., *Mwangola W.*, and Arora, A. (2012). An Analysis of Batching and Multiple Demand Streams on the Bullwhip Effect, *Decision Sciences Institute (DSI) – Forty Third Annual Meeting*, San Francisco, CA.

Arora, Amit, Gerard Burke and *M.S. Raisunghani*. 2012. Measuring the effect of supply chain collaborations and market turbulence on performance outcomes. *Technology Management Conference (ITMC)*, Dallas, TX.

Arora, A., Bernardes, E.S., and Burke, G.J. (2012). Market-Oriented Supply Chain Sustainability: A Grounded Theory Approach, *22nd Annual North American Research Symposium on Purchasing and Supply Chain Management (NARS)*, Phoenix, AZ.

Arora, A., and Burke, G.J. (2011). Relational Supply Chain Capabilities: A Relational Progression Perspective, *Decision Sciences Institute (DSI) – Forty Second Annual Meeting*, Boston, MA.

Burke, Gerard, Rongrong Zhang and Karl Manrodt. Links in supply chain leadership and financial performance, 2009 POMS Annual Meeting, Orlando, FL.

Burke, G.J., J.E. Carrillo and A.J. Vakharia. A newsvendor inventory model with N stochastic yield suppliers, 2008 POMS Annual Meeting, La Jolla, CA.

Burke, G.J., and Xiaolong Zhang. Analysis of compound bullwhip effect causes, 2008 POMS Annual Meeting, La Jolla, CA.

Burke, G.J., S.S. Erenguc and A.J. Vakharia. Branch and bound algorithm for the separable piecewise linear concave cost allocation problem, 2007 POMS Annual Meeting, Dallas, TX.

Burke, G.J. and X. Zhang. An analysis of compound bullwhip effect causes, 2007 SCALE Conference, Gainesville, FL.

Zhang, X and G.J Burke. Analyzing compound causes of the bullwhip effect, 2006 INFORMS Annual Meeting, Pittsburgh, PA.

Burke, G.J., J.E. Carrillo and A.J. Vakharia. Requirement allocations under alternative supplier pricing schemes, 2006 POMS Annual Meeting, Boston.

Burke, G.J. Push and Pull Supply Chains, 2006 Invited Lecturer on Supply Chain Management at JOSAI University, Tokyo, Japan.

III. Teaching

List of All Course Types Taught
Global and International Business (online MBA consortium)
Logistics Dissertation (>18 hours for each of 4 students)
Operations, Sourcing and Supply Chain Strategy (Doctoral Seminar)
Operations Management (Graduate and Undergraduate Business Core (also online))
Purchasing and Supply Management (Undergraduate Elective)
Purchasing and Negotiation (Undergraduate Elective)
Managerial Operations Analysis (Undergraduate Elective)
Hospitality Operations Analysis (Graduate Independent Study)
Survey of Research Methods in Business (Doctoral Directed Study)

IV. Service

Service to Academy
Vice President of Colleges, Production Operations Management Society 2015-present
Associate Editor, Decision Sciences Journal (~5 papers per year) 2012-present
AIB-SE 2015 Conference co-chair and developer of X-Culture case 2014-2015
Reviewer- INFORMS, 2015 Junior Faculty Interest Group, Best Paper Competition

SCM Track co-chair and reviewer- AIB-SE, 2014 Conference**,** Miami, FL.
Editorial Board-International Journal of Integrated Supply Management
Reviewer ~10 reviews per year
Production and Operations Management Journal, Decision Sciences Journal, European Journal of Operational Research, International Journal of Production Economics, International Journal of Production Research, Computers & Industrial Engineering, Transportation Research (E), International Journal of Production and Distribution Logistics Management, IIE Transactions, Omega, Operations Management Research.

College Service Activities
Academic Coordinator of Ph.D. Program in Logistics and SCM, 2014-2016
College Liaison, Georgia Center of Innovation for Logistics, 2015-present
Annual Program Assurance of Learning Report Writer, 2013-14, 2014-15
Dissertation Committee Chair
2012-2014: A. Arora @Savannah State University
2013-2015: C. Ayala @University of North Georgia
A. Harnowo @Washburn University
W. Mwangola @ University of Central Oklahoma
Faculty Search Committee Chair, 2017, 2016, 015, 2014, 2013, 2012, 2011
COBA Coordinator of WRDS and Bloomberg, 2012-present and 2014-present
Reviewer/Grader, Ph.D. Program Comprehensive Exams (core and minor)
Co-Chair, MBA Director Search Committee, 2012
Presenter, WebMBA Orientation, 2012
Member, Retention, Graduation and Instructional Resources Committee, 2007-2011
Member, Ph. D. Program Faculty Advisory Committee, 2010- 2011
Member, Governance Committee, 2007-2009
Member, Ph.D. Program Director Search Committee, COBA, Fall 2009

University Service Activities
Member, Undergraduate Research Committee, 2013- present
Member, Graduate Faculty, 2005-Present
Volunteer, Conversations with Professors, 2007-2013, 2015
Faculty Liaison, Wesley Foundation, 2010-2015
Member, Technology Advisory Committee, 2011-2014
Member, Library Committee, 2009-2011
Volunteer, Operation Move-In, Fall 2006-2009

Awards
2016 Co-author, Best Theory-Driven, Empirical Paper DSI Annual Meeting
2016 Production Operations Management Society's Outstanding Service Award
2015 X-Culture Most Valuable Partnership Award – Co-Chair AIB-SE
2015 Production Operations Management Society's Outstanding Service Award
2014 Provost's Certificate – Excellence of Annual Program Assessment Report
2013 SCOR Scholar Certificate
2011 Departmental Research Award Recipient

2010 Departmental Research Award Recipient
2009 College of Business, T.J Morris Award for Excellence in Research
2008 College of Business, Charles R. Gibbs Outstanding Faculty Award

Professional Society Membership
Institute for Operations Research and the Management Sciences, Decision Sciences Institute, Production and Operations Management Society, Institute for Supply Management, Academy of International Business, Intermodal Association of North America, Alpha Iota Delta, Beta Gamma Sigma

Community Involvement
Memberships: Kiwanis Club of Statesboro, Statesboro First United Methodist Church