

CURRICULUM VITAE
Barry L. Brewer, Ph.D.
Associate Professor of Global Supply Chain Management

ADDRESS

Brigham Young University
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EDUCATION

Ph.D. Supply Chain Management, Arizona State University, 2006
M.S. Logistics Management, Air Force Institute of Technology, 1995
B.S. United States Air Force Academy, 1991

ACADEMIC POSITIONS

June 2022 – Present: Associate Teaching Professor of Global Supply Chain,
Department of Marketing and Global Supply Chain,
Marriott School of Business, Brigham Young University, Provo UT

July 2020 – June 2022: Associate Professor of Supply Chain Management,
Director, Supply Chain Entrepreneurship Center
Department of Management, College of Business,
New Mexico State University, Las Cruces NM

September 2019 – August 2020: Visiting Associate Professor of Global Supply Chain,
Department of Marketing and Global Supply Chain,
Marriott School of Business, Brigham Young University, Provo UT

July 2017 – June 2020: Associate Professor of Decision Sciences, Department of
Management & Marketing, College of Business, University of
Wyoming, Laramie WY

August 2011 - June 2017: Assistant Professor of Decision Sciences, Department of
Management & Marketing, College of Business, University of
Wyoming, Laramie WY

July 2009 - May 2011: Assistant Professor, Department of Management, US Air Force
Academy, Colorado Springs, CO

January - July 2010: Chief of Academic Programs, Iraqi International Academy
& Advisor to the Director Ministerial Training and Development
Center, Baghdad, Iraq

Jan. 2006 - June 2007: Assistant Professor of Logistics Management, Air Force
Institute of Technology, Dayton, OH

BUSINESS EXPERIENCE

July 2007–June 2009: Air Force Section Chief, Office of Defense Coordination, US
Embassy, Mexico City, Mexico

June 2000–July 2002: Process Review Team Leader, Air Force Inspection Agency,
Kirtland AFB, Albuquerque, NM

March 1998–June 2000: Foreign Military Sales Officer, U.S. Military Group, US
Embassy Bogota, Colombia

Sept 1995–March 1998: Integrated Logistics Support Manager, Air Force Space and
Missile System Center, Los Angeles AFB, CA

July 1991–March 1994: Chief Logistics Plans, 602nd Air Control Wing, Davis-Monthan
AFB, Tucson, AZ

TEACHING

<u>Years</u>	<u>Course No./Title</u>	<u>Cr. Hrs.</u>
2023-Present	MBA 637B GSCM Consulting 2	3
2023 -Present	EMBA 530 Operations Management	3
2024	GSCM 530 Operations Management	3
2022-Present	GSCM 429 Global Supply Chain Strategy	3
2022-Present	GSCM 201Introducton to Global Supply Chain Mgt	1.5
2022-Present	GSCM 211 Global Supply Chain Management	1.5
2020, 2024-Present	MBA 531 Sourcing & Logistics (BYU)	3
2022	MBA 532 Strategic Sourcing	3
2021	MGMT 590 Strategic Management	3
2021	MGMT 502 Operations Management	3
2020-2021	MGMT 449 Strategic Management (NMSU)	3
2020	MGMT 470 Project Management in Organizations (NMSU)	3
2019	MBA 530 Operations Management (BYU)	3
2013-2019	MBAM 5504 SCM in the Energy Industry (UW)	3
2012-2019	DSCI 4280 Supply Chain Management (UW)	3
2012-2016	DSCI 3210 Production & Operations Mgt (UW)	3
2011-2019	MBAM 5102 Operations Management (UW)	3
2011	MGT 478 Supply Chain Management (USAFA)	3

2011	MGT 472 Strategic Management Capstone (USAFA)	3
2009-2010	MGT 477 Production & Operations Mgt (USAFA)	3
2006-2007	LOGM 627 Supply Chain Management (AFIT)	3
2006	RSCH 630 Research Methods (AFIT)	3
2006	LOGM 615 Logistics Information Systems (AFIT)	3

STUDENT MENTORING

BYU:

2024:

Mentored 18 Senior Capstone Projects for companies and nonprofit organizations (132 Undergraduate Students)

Mentored 1 Research Assistant exploring Chasing Industrial Services (Joshua Bradshaw)

Mentored 16 Teacher Assistants

Mentored students in Global Supply Chain Association

Faculty Advisor for Graduate Supply Chain and Operations Association

2023:

Mentored 17 Senior Capstone Projects for companies and nonprofit organizations (121 Undergraduate Students)

Mentored 1 Research Assistant exploring Chasing Industrial Services (Joshua Bradshaw)

Mentored 15 Teacher Assistants

Mentored students in Global Supply Chain Association

Faculty Advisor for Graduate Supply Chain and Operations Association

2022:

Mentored 11 Senior Capstone Projects for companies and nonprofit organizations (78 Undergraduate Students)

Mentored 1 Research Assistant exploring improving humanitarian disaster response (Jacob Hansen)

Mentored 16 teaching assistants

Mentored students in Global Supply Chain Association

Faculty Advisor for Graduate Supply Chain and Operations Association

NMSU:

Advisor for General Motors / Wayne State Supply Chain Case Competition (2020, 2021)

Student Supply Chain Club Advisor (2021)

Founded Student club

University of Wyoming:

Supply Chain Student Association Advisor (2015-2019)

Students started UWYOApparel.com for fundraising (2017)

Advisor for Weber State Supply Chain Case Competition (2015(3rd), 2016, 2017, 2018 (2nd Place), 2019 (1st Place))

Advisor for Operations Stimulus Case Competition (2017, 2018 (5th of 19 teams), 2019)
Advisor for General Motors / Wayne State Supply Chain Case Competition (2018)

PUBLICATIONS

Refereed Journal Articles:

I have focused my research on supply chain decision making, the factors and strategy driving decisions and the performance obtained through these decisions. The majority of my research resides in the area of procurement. My research can be classified into four areas within that realm (1) assigning supply chain responsibility, (2) seeking supply chain performance through design for sustainability initiatives, (3) selecting and implementing a supply chain trust strategy, and (4) improving humanitarian crisis response through real options.

Published

Fuqua, D., F.Arslan, V. Pimentel, J. Fatoki, B. Brewer, P. W. Witt, E. Kennedy, (Forthcoming) “Contracted near-shore service part production predictive modelling using BOM-based feature generalisation and deep statistical learning,” *International Journal of Information and Decision Sciences*, DOI: 10.1504/IJIDS.2026.10065172

Rudsari, S., D. Fuqua, V. Pimentel, B. Brewer and P. Witt, (2023) “2019's supply chain 'black swan': resilience model under a low-frequency, high-impact and global disruption,” *International Journal of Logistics Economics and Globalisation*, Published Online:December 13, 2023, pp 237-258, <https://doi.org/10.1504/IJLEG.2023.135450>

Rudsari, S., D. Fuqua, V. Pimentel, and B. Brewer, (2023) “Resilience and Recovery: Understanding the Underlying Drivers of Long-term Instability in Food Supply Chains,” *Journal of Food Distribution Research*, 54(2): 76-104.

Ashenbaum, B., C. Wallin Blair, and B. Brewer, (2020) “Environmental Influence on Cross-Functional Interaction: Procurement, Engineering, and the Competitive Landscape: Procurement, Engineering, and the Competitive Landscape,” *Journal of Purchasing and Supply Management*, 26(1): 1-18. (ABDC—JQL Rating A; Impact Factor 4.64)

Brewer, B., B. Ashenbaum, and C., Wallin Blair, (2019) “Cross-Functional Influence and the Supplier Selection Decision in Hostile Environments: Who Makes the Call?” *Journal of Business Logistics*, 40(2): 105-125. (ABDC—JQL Rating A; Impact Factor 4.69)

Brewer, B., and Arnette, A., (2017) “Design for procurement: What procurement driven design initiatives result in environmental and economic performance improvement?” *Journal of Purchasing and Supply Management*, 23(1): 28-39. (ABDC—JQL Rating A; Impact Factor 4.64)

Arnette, A., and Brewer, B., (2017) “The Influence of Strategy and Concurrent Engineering on Design for Procurement,” *International Journal of Logistics Management*, 28(2): 531-554. (ABDC—JQL Rating A; Impact Factor 3.32)

Arnette, A., B. Brewer, and T. Choal. (2014) “Design for Sustainability (DFS): The Intersection of Supply Chain and Environment,” *Journal of Cleaner Production*, 83: 374-390. (ABDC—JQL Rating A; Impact Factor 7.24)

Jones, S., S. Fawcett, C. Wallin, D. Fawcett, and B. Brewer, (2014) “Can small firms gain relational advantages too? The strategic use of trustworthiness in supply chain relationships,” *International Journal of Production Research*, 52(18): 5451-5466. (ABDC—JQL Rating A; Impact Factor 4.57)

Brewer, B., C. Wallin, and B. Ashenbaum, (2014) “Assessing a Theory-Driven Framework for Procurement Outsourcing: Do Actions and Results Align with Prediction?” *Journal of Purchasing and Supply Management* 20: 186-194. (ABDC—JQL Rating A; Impact Factor 4.64)

Brewer, B., B. Ashenbaum, and J. Carter. (2013) “Understanding the Supply Chain Outsourcing Cascade: When Does Procurement Follow Manufacturing Out the Door?” *Journal of Supply Chain Management* 49(3): 90-110. (ABDC—JQL Rating A; Impact Factor 6.84)

Brewer, B., B. Ashenbaum, and J. Ogden, (2013) “Connecting Strategy-Linked Outsourcing Approaches and Performance,” *International Journal of Physical Distribution & Logistics Management*, 43(3): 176-204. (ABDC—JQL Rating A; Impact Factor 4.74)

Under Review

Wallin Blair, C., S. Jones, B. Brewer, A. Fawcett, and S. Fawcett. “Reactively or Proactively Motivated? Signaling Trustworthiness in Supply Chain Relationships,” *International Journal of Logistics Management*. (27 August 2021)

Working Papers

Fuqua, D., V. Pimentel, S. Dharba. “Resilience and recovery: Understanding the underlying effects of long-term instability in food supply chains during COVID-19,” *Journal of Business Logistics*. (Projected submission 20 September 2025)

Brewer, B., C. Sepulveda, and B. Baker. “Overcoming Cyclical Disruptions Through a Customer of Choice Approach: A Dependence Perspective,” *Journal of Purchasing and Supply Management*. (Projected submission 30 September 2025)

In Preparation

Pixton, C., C. Billington, B. Brewer, and A. Mchiri, "Risk Driven Resilience Alternatives for Humanitarian Supply Chains: Lessons from Covid-19," *Californiat Management Review*. (Projected submission 1 December 2025)

"The Merchants of Venice and the Roughnecks of Bakken: Human Asset Specificity in Turbulent Environments" (with B. Ashenbaum and C. Wallin). Targeted for *Manufacturing and Service Operations Management or Journal of Supply Chain Management*

Nonrefereed Articles:

Brewer, B., (2019) "Bringing Unique Value to Product-Development Teams," *Inside Supply Management*, August, pp. 12-13.

Non-Refereed Chapters in Books:

"Academic perspectives on the outsourcing of procurement." (with Joseph Carter) In M.J. Essig, (Ed.), *Perspectives of Supply Chain Management: Concepts and Applications*. Berlin, Germany: Springer, (2005), pp. 425-442.

Refereed Proceedings/ Presentations:

"Use of Ecosystems to Enhance Supply Chain Resilience," (With Corey Billington, Ali Mchiri, and Clark Pixton) Presented at DSI Annual meeting, Phoenix (November, 2024)

"Enhancing humanitarian disaster response through ecosystem restructuring," (With Corey Billington and Ali Mchiri) Presented at European DSI Conference (June 2023).

"Understanding the bullwhip effect during an extended and universal crisis: the big data approach," (With Saba Rudsari, Victor Pimentel and Don Fuqua) Presented at DSI Annual Meeting, Houston (June 2023).

"Sequence Prediction Models Using BOM Demographic Data in Nearshore Manufacturing," (With Jimoh Fatoki, Victor Pimentel, Don Fuqua and Faruk Arslan) Presented at DSI Annual Meeting, Houston (June 2023).

"Reactively or Proactively Motivated? Signaling Trustworthiness In Supply Chain Relationships" (with S. Jones, C. Blair, S. Fawcett, and A. Fawcett) Presented at First International Network on Trust (FINT) March 2022.

"The Merchants of Venice and the Roughnecks of Bakken: Human Asset Specificity in Turbulent Environments" (with B. Ashenbaum and C. Wallin). Presented at the Decision Sciences Institute Conference, Chicago IL, (November 2018)

“Reactively or proactively motivated? Signaling trustworthiness in supply chain relationships” (With Cynthia Wallin, Stephen Jones, Amydee Fawcett, and Stanley Fawcett) Presented at the Decision Sciences Institute Conference, Washington DC, (November 2017)

“Design for Reverse Logistics (RL): What are the environmental, economic, and industry implications?” (With Andy Arnette) Presented at the Council for Supply Chain Management Professionals Academic Research Symposium (September 2017)

“Environmental Influence on Cross-functional Interactions: Procurement, Engineering, and the Competitive Landscape,” (with Bryan Ashenbaum and Cindy Wallin) Presented at the Decision Sciences Institute Conference, Austin Texas, (November 2016)

“Procurement's impact on Outsourcing: Role and Contribution” (With Cristian Sepulveda) Presented at the Decision Sciences Institute Conference, Austin Texas, (November 2016)

“I Must Have Joe the Welder on the Contract: Understanding the Factors that Drive Rock Star Status for Industrial Services Individuals,” (with Bryan Ashenbaum and Cindy Wallin) Presented at the Western Decision Sciences Institute Conference, Maui Hawaii, (April 2015)

“Cross-functional Influence between Procurement and Engineering: The Impact of Risk, Uncertainty and Equivocality,” (with Bryan Ashenbaum and Cindy Wallin) Presented at the Decision Sciences Institute Conference, Tampa Florida, (November 2014)

“*Design for Procurement: Examining Implementation & Performance,*” (with Andy Arnette) Presented at Western Decision Science Institute Annual Meeting, Napa, California, (April 2014).

“*Design For Sustainability: How Can Design Initiatives Improve Your Supply Chain The Environment, And Social Equity?*” (with Andy Arnette and Tyler Choal) Presented at the Decision Sciences Institute Conference, Baltimore, Maryland, (November 2013)

“*Assessing a Theory-Driven Framework for Procurement Outsourcing: Do Actions and Results Align with Prediction?*” (with Cindy Wallin and Bryan Ashenbaum) Presented at the Decision Sciences Institute Conference, San Francisco, California, (November 2012).

“Trustworthiness as a small-firm competitive lever: A dynamic model of motivation and resistance.” (with Stephen Jones, Stan Fawcett, and Cindy Wallin) *Proceedings of the Academy of Management Conference*, San Antonio Texas, (August 2011).

“A Study of Reciprocal Trust.” (With Cindy Wallin, Stan Fawcett, Stephen Jones, and Dee Fawcett) *Proceedings of the North American Research Symposium on Purchasing and Supply Management*, San Diego California, (March 2011).

“Is Trustworthy Behavior Profitable for Small Firms?” (with Stephen Jones, Stan Fawcett, Cindy Wallin, and Dee Fawcett) Presentation made at the 41st Annual Meeting of the Decision Sciences Institute, San Diego, California, (2010).

“The Link between Outsourcing Strategy and Performance,” (with Jeffrey Odgen, Bryan Ashenbaum, and Joseph Carter) *Proceedings of The 19th Annual North American Research and Teaching Symposium on Purchasing and Supply Chain Management*, Tempe AZ, (March 2008).

“Examining the Drivers of Procurement Outsourcing,” (with Robert Monczka) *Proceedings of The 18th Annual North American Research and Teaching Symposium on Purchasing and Supply Chain Management*, Tempe Arizona, (March 2007).

“Taxonomy of procurement outsourcing” (with Phil Carter) Presentation made at the 37th Annual Meeting of the Decision Sciences Institute, San Antonio, Texas (November 2006).

“Building a Measure of Direct Materials Procurement Outsourcing Factors: A Contract Manufacturing Perspective,” (with Joseph Carter) *Proceedings 17th Annual North American Research / Teaching Symposium, 15th International Purchasing and Supply Education and Research Association conference, and the 4th Worldwide Research Symposium in Purchasing & Supply Chain Management*, San Diego California, (April 2006).

“Design for serviceability: Another one of those design fads or strategic imperative?” (with Vicki Smith-Daniels) Presentation made at the DSI annual meeting, Washington, DC (2003).

Other Presentations:

“Sustainable Business Education Panel” (with Mellie Pullman, Dale Rogers, and Bill Sawaya) Presented at the Decision Sciences Institute Conference, San Francisco, California, (November 2012).

“Strategic outsourcing: Emerging trends and success factors” Presentation made at the ISM 89th Annual International Supply Management Conference, Philadelphia, Pennsylvania, (2004).

“Strategic outsourcing research 2004” Presentation made at the CAPS: Center for Strategic Supply Research Executive Roundtable, Tempe, Arizona, (2004).

Other Publications

Brewer, B., A. Arnette, (2017) *“Design for Procurement: Early procurement involvement for enhanced procurement results,”* White Paper shared with research participants.

Brewer, B., B. Ashenbaum, C. Wallin, (2015) *“Oil and Gas Procurement: The interaction of the procurement and engineering functions,”* White Paper shared with research participants.

“Outsourcing direct materials procurement in an outsourced manufacturing arrangement”
Doctoral Dissertation, Arizona State University, Tempe, Arizona. (2006).

“United States security assistance training of Latin American militaries: Intentions and results”
Master’s Thesis, Air Force Institute of Technology, Wright Patterson AFB, Ohio (1995).

International Presentations

“Discovering management styles” Presentation made at the Senior Managers’ Course, Ministerial Training and Development Center, Baghdad, Iraq, (2010).

“Strategic planning and analysis” (with Cyndy Cycota) Presentation made at the Senior Managers’ Course, Ministerial Training and Development Center, Baghdad, Iraq. (2010).

“Western managerial norms” Presentation made at the Partner School, Ministerial Training and Development Center, Baghdad, Iraq, (2010).

“Managing logistics requirements” Presentation made at the Commanders’ Course, Ministerial Training and Development Center, Baghdad, Iraq, (2010).

OUTREACH

New Mexico State University
Proposed and founded the Supply Chain Entrepreneurship Center 2020-2021

University of Wyoming
University of Wyoming Innovation, Strategy & Entrepreneurship Manager (UWISE)(2015-2019)
Built and maintained a network of companies partnering with the College of Business
Planned and led semiannual Business Innovation Expo

CONTRACTS & GRANTS

Funded Projects as PI:

Research Title: Examining Supply Chain Responsibility in Oil and Gas Exploration and Production (E&P). Grant Title: Anadarko Fellowship for Excellence in Energy Scholarship 2013. Grant Award: \$15,000

Research Title: Examining sustainability content in MBA program. Grant Title: Sustainable Business Practices Travel Grant. Grant Award: \$1,200.

Research Title: Sustainable Operations Education. Grant Title: Sustainable Business Practices Travel Grant. Grant Award: \$1,200.

Funded Projects as CoPI:

Research Title: The sustainability and supply chain impact of design for initiatives. Grant Title: College of Business Faculty and Staff Grant. Grant Award: \$10,000.

Research Title: Design for Sustainability: Does Theory Drive Performance (with Andy Arnette)
Grant Title: Sustainable Business Practices Grant. Grant Award: \$2,000.

Research Title: The Sustainability Impact of Design for Initiatives (with Andy Arnette and Tyler Choyal)
Grant Title: Sustainable Business Practices Grant. Grant Award: \$3,000.

HONORS AND AWARDS

2023 Award for Excellence in Research and Communication, Food Distribution Research Society

2019 UW Alumni Association Outstanding Faculty Award—MBA Program

2014-2015 College of Business Junior Research Award

Western Decision Science Institute Junior Faculty Scholarship

PROFESSIONAL AFFILIATION AND ACTIVITIES

Risk Management Track Chair for Council of Supply Chain Management Professionals Edge Conference 2024, Nashville

Reviewer Journal of Supply Chain Management

Reviewer Journal of Purchasing and Supply Management

Reviewer International Journal of Physical Distribution and Logistics Management

Reviewer Journal of Business Logistics

Review International Journal of Logistics Management

Reviewer International Journal of Production Research

Member Council of Supply Chain Management Professionals (CSCMP)

Member Decision Sciences Institute (DSI)

Member Institute of Supply Management (ISM)

PAPERS PRESENTED/SYMPOSIA/INVITED LECTURES/ PROFESSIONAL MEETINGS/ WORKSHOPS

“Lean Process Mapping” University of Wyoming International Student Recruitment and Admissions Group. (October 2018)

“UW Supply Chain Management Program: How we can work with you” Western Wyoming ISM meeting. (April 2018)

“Design For Procurement: What Is Your Role in New Product Development and How Can You Improve Performance?” Institute of Supply Management Annual Meeting (May 2016)

“Balancing Procurement Responsibility among Internal Stakeholders: A Case Study of Oil & Gas Companies,” Institute of Supply Management Annual Meeting (May 2015)

“Conflict or Collaboration: Should our company play nicely or go to war?” Manufacturing Works Professional Luncheon, (April 2014)

“Taking Processes by the Horns,” Mountain West Farm Bureau, (Oct 2013)

“The Outsourcing Cascade: When Does Procurement Follow Manufacturing Out the Door?” (with Bryan Ashenbaum) Presentation made at Miami Valley ISM-APICS Meeting, (2013).

“Supply Chain Wars: Who is my enemy?” Invited Lecture for COB Show Case (Fall 2013)

“What do you know about your supply chain?” Wyoming Business Leadership Institute (2012)

COMMITTEES

BYU:

College Committees

MBA Admissions (2022-Present)

NMSU:

College Committees

Faculty Council (2020-2021)

Faculty Committee on Budget Realignment (2020-2021)

MBA Committee (2021)

University Committees

Faculty Senate (2021)

University of Wyoming:

Department Committees

Management & Marketing Curriculum Task Force (2013-2014)

Management & Marketing Strategic Planning Task Force (2013)

DSCI Search Committee, Fall 2011

College Committees

College of Business Assessment Committee (2018-2019)
College of Business Online Committee (2018-2019)
College of Business International Committee (2018-2019)
MBA On-Campus Admissions Committee (2014-2015)
Executive MBA Admissions Committee (2016-2017)

University Committees

Exploratory Studies Working Group (2017-2018)
Faculty Senate (2017-2019)

GRADUATE SUPERVISION

NMSU:

Ali Michi (Ph.D. Student) 2020-Present

University of Wyoming:

Cristian Andres Sepulveda Maldonado (Ph.D. Student) (2015-1018)