Daniel F. Taylor

Assistant Professor of Supply Chain Management
Texas Tech University, Rawls College of Business
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ACADEMIC POSITIONS

Assistant Professor of Supply Chain Management	2018-present
Texas Tech University, Rawls College of Business	Lubbock, TX
Doctoral Research and Teaching Assistant	2014-2018
The Ohio State University, Fisher College of Business	Columbus, OH

EDUCATION

Ph.D.	Business Administration – The Ohio State University	2018
	Major: Logistics	
	Minors: Industrial Engineering (Operations Research)	
	Management Science (Operations Management)	
	Quantitative Psychology	
MBLE	Business Logistics Engineering – The Ohio State University	2014
MBA	Management – Salve Regina University	2005
BS	Mechanical Engineering – Brigham Young University	2000

PUBLICATIONS

Taylor, D., Pritchard, A., Duhan, D., & Mishra, S. (2020) "What's behind the empty grocery shelves? Panic buying, hoarding, supplier shortages and manufacturing capacity have all contributed to shortages at the grocery store." *Supply Chain Management Review*, August 2020. https://www.scmr.com/article/whats_behind_the_empty_grocery_shelves.

Taylor, D., Pritchard, A., Duhan, D., & Mishra, S. (2020) "Demand Disruption and Channel-based Supply Chain Flexibility: There's Much to Learn from the Toilet Paper Shortage of Spring 2020." *Supply Chain Management Review*, May 2020. https://www.scmr.com/article/demand_disruption_and_channel_based_supply_chain_flexibility.

Taylor, D., Brockhaus, S., Knemeyer, A.M., & Murphy, P. (2019) "Omnichannel Fulfillment Strategies: Defining the Concept and Building an Agenda for Future Inquiry." *International Journal of Logistics Management* 30(3): 863-891.

Cichosz, M., Goldsby, T., Knemeyer, A.M., Taylor, D. (2017) "Innovation in Logistics Outsourcing Relationships – In the Search of Customer Satisfaction." *LogForum* 13(2): 209-219.

WORKING PAPERS

Taylor, D., Brockhaus, S., Knemeyer, A.M., & Murphy, P. "The Effect of Incentives on Online Purchase Fulfillment Decisions: Faster, Cheaper or to My Door."

Taylor, D., Bendoly, E., Knemeyer, A.M., & Croxton, K. "The Lure of Free Shipping? Consumer Response to Stockouts: An Examination of Intentions in Retailer and Purchase Channel Retention."

Taylor D., Wan X., Croxton, K. & Knemeyer, A.M. "Buy-Online-Ship-From-Store (BOSS) Order Fulfillment and Store Stockouts: Channel Competition for Inventory."

Harder, J., & Taylor, D., & Wallenburg, C.M. "Customers' Order-Type Decisions in Online Retailing: What Influences the Decision."

Taylor, D., Croxton, K. & Knemeyer, A.M. "The Pooled Service Level Assumption of Inventory Pooling: Implications for Omnichannel."

Sibley, B. & Taylor, D. "Omnichannel Marketing: A Structured Literature Review."

TEACHING*

SCM 4371: Transportation and Distribution Management (TTU, undergraduate): Select analytical techniques and strategies for transportation and distribution management.

- Spring 2022 – (Students)
- SEI: 4.7/5.0 (Fall 2021 – 47 Students)

SCM 3351: Business Process Improvement (TTU, undergraduate): Fundamental concepts, techniques, and tools for improving business processes in supply chain management.

- Spring 2022 – (Students)
- SEI: 4.7/5.0 (Fall 2021 – 44 Students)

SCM 4370: Forecasting and Inventory Management (TTU, undergraduate): Select analytical techniques and strategies for inventory management and time-series forecasting. Computer-based tools include Excel and Excel Solver.

- Spring 2022 – (Students)
- SEI: 4.9/5.0 (Fall 2021 – 45Students)
- SEI: 4.7/5.0 (Spring 2021 – 33 Students)
- SEI: 4.8/5.0 (Fall 2020 – 39 Students)
- SEI: 4.8/5.0 (Spring 2020 – 29 Students, Face-to-face – transitioned to online)
- SEI: 5.0/5.0 (Fall 2019 – 22 Students)
- SEI: 4.9/5.0 (Spring 2019 – 15 Students)
- SEI: 4.9/5.0 (Fall 2018 – 19 Students)

SCM 3353: Supply Chain Management (TTU, undergraduate): Introduction to principles and practices used for supply chain management.

- SEI: 4.8/5.0 (Fall 2020 – 83 Students, Online synchronous)
- SEI: 4.7/5.0 (Summer 2020 – 58 Students, Online synchronous)
- SEI: 4.6/5.0 (Fall 2019 - 71 Students)
- SEI: 4.6/5.0 (Fall 2018 - 45 Students)

BUSML 4382: Logistics Analytics (OSU, undergraduate): BUSML 4382 consists of three units: time-series forecasting, linear/integer programming & simulation, and logistics models. The computer-based tools used to aid in teaching are Excel, Excel Solver, and LogicNet/SAILS.

- SEI: 4.6/5.0 (Spring 2017 - 48 Students)
- SEI: 3.8/5.0 (Spring 2015 - 50 Students)

* Teaching effectiveness evaluation; courses were taught face-to-face unless noted otherwise.

STUDENT ENGAGEMENT

Josephine Harder. PhD graduate in Logistics, WHU - Otto Beisheim School of Management, Germany. Non-committee- methods advisor. Co-author on two manuscripts:

- "Customers' Order-Type Decisions in Online Retailing: What Influences the Decision."
- "Better Safe than Sorry?! The Influence of Customers' Recent Online Shopping Experience on Future Order-Type Decisions."

Billy Sibley. 3rd-year PhD Student in Marketing, TTU. BA 7000 instructor and co-author on one developing manuscript:

- "Omnichannel Marketing: A Structured Literature Review."
- BA 7000 Research Seminar – Summer 2020, Fall 2020, Spring 2021, Summer 2021 & Fall 2021.

Sales & Customer Relationship Sales Competition: Lubbock, TX (2020). Judge.

Denver Transportation Club - Opstim2020 SCM Case Competition: Denver, CO (2020). Faculty Advisor. Accompanied six students.

American Trucking Association - Annual Conference: Austin, TX. (2018), Faculty Advisor. Accompanied four students.

CONFERENCE PRESENTATIONS

Taylor, D. & Pritchard A. (2021) "Teaching About Acute Disruptions: Why Were Grocery Store Shelves Empty During the COVID-19 Pandemic?" Academic Research Symposium Conference at Council of Supply Chain Management Professionals' Annual Conference: Atlanta, GA.

Harder, J., Wallenburg, C. M., & Taylor, D. (presenter) (2020) "Better Safe than Sorry?! The Influence of Customers' Recent Online Shopping Experience on Future Order-Type Decisions." Academic Research Symposium Conference at Council of Supply Chain Management Professionals' Annual Conference: Virtual.

Taylor, D., Pritchard, A., Duhan, D., & Mishra, S. (2020) "COVID-19 Pandemic-Based Grocery Shortages: Causes and Supply Chain Recoveries." Academic Research Symposium Conference at Council of Supply Chain Management Professionals' Annual Conference: Virtual.

Harder, J., Taylor, D. (presenter), Wallenburg, C. M. (2019) "Customer's Order Type Decision in Online Retailing." Academic Research Symposium Conference at Council of Supply Chain Management Professionals' Annual Conference: Anaheim, CA.

Taylor, D (presenter), Bendoly, E., Knemeyer, A.M., & Croxton, K. (2018) "Consumers Response to Stockouts: An Examination of Intentions in Retailer and Purchase Channel Retention." Academic Research Symposium Conference at Council of Supply Chain Management Professionals' Annual Conference: Nashville, TN.

Taylor, D. (presenter), Bendoly, E., Knemeyer, A.M., Croxton, K. & Wan, X. (2017) "The Impact of Channel Demand Characteristics and Ship-from-Store Performance: An Empirical Study of Two Fast-Fashion Retailers." Academic Research Symposium Conference at Council of Supply Chain Management Professionals' Annual Conference: Atlanta, GA.

Taylor, D. (presenter), Bendoly, E., Knemeyer, A.M., Croxton, K. & Wan, X. (2017) "The Impact of Channel Demand Characteristics and Ship-from-Store Performance: An Empirical Study of Two Fast-Fashion Retailers." Decision Sciences Institute Annual Meeting: Washington DC.

Taylor, D. (presenter), Croxton, K., Knemeyer, A.M. & Wan, X. (2017) "In-store Sales Cannibalization and Implications of Channel Demand Correlation on Omnichannel Inventory Risk Pooling for Retail Ship-From-Store." INFORMS Annual Meeting: Houston,TX.

Taylor, D. (presenter), Bendoly, E., Knemeyer, A.M., & Croxton, K. (2017) "Do consumers react differently when a product is out-of-stock when purchasing in-store than they do when purchasing online?" Production and Management Society Annual Conference: Seattle, WA.

Taylor, D. (presenter), Croxton, K. & Knemeyer, A.M. (2016) "Implications of Channel Demand Correlation, Channel Dominance and In-Store Demand Variation on Omnichannel Inventory Risk Pooling for Retail Ship-From-Store." Decision Sciences Institute Annual Meeting: Austin, TX.

Taylor, D. (presenter), Croxton, K. & Knemeyer, A.M. (2016) "Implications of Channel Demand Correlation, Channel Dominance and In-Store Demand Variation on Omnichannel Inventory Risk Pooling for Retail Ship-From-Store." Educator's Conference at Council of Supply Chain Management Professionals' Annual Conference: Orlando, FL.

Goldsby, T., Knemeyer, A.M., Cichosz, M., & Taylor, D. (presenter) (2015) "Investigating Innovation in Logistics Outsourcing Relationships." Educator's Conference at Council of Supply Chain Management Professionals' Annual Conference: San Diego, CA.

INVITED PANELS

Baum, M., Parvatiyar, A. (Co-moderator), & Taylor, D. (Co-moderator) (2020) Carlton J. Whitehead Distinguished Speaker Series: Center for Sales & Customer Relationship Excellence: "Shifts in Food Industry Sales and the Supply Chain During the COVID-19 Pandemic:" Virtual.

Taylor, D. (Moderator), Kinsella, B., Widdifield, D. & Seeman, J. (2017) Council of Supply Chain Management Professionals' Edge Conference: "Omnichannel Analytics – Measuring Effectiveness of Retailers' Omnichannel Strategies:" Atlanta, GA.

Goldsby, T., Esper T., Wan, X., Farren, D. Taylor, D. (2017) Retail Summit: "Leading Logistics and Supply Chain Research:" Columbus, OH.

Basamboo, A., Westland, C., Haney, H. & Taylor, D. (2016) Walgreens Supply Chain Leadership Showcase: "Impacts of Omnichannel:" Deerfield, IL.

SERVICE

Education Outreach (2021) First LEGO League Cargo Connect, supply chain competition. Among elementary school students.

Faculty Advisor (2018-present) Tech Supply Chain Association (undergraduate)

Member of search committee for SCM professor of practice position (2021).

Member of search committee for Marketing assistant professor (2020-21).

Managed SCM major application process (Summer 2020, Fall 2020, and Fall 2021).

Member of search committee for SCM professor of practice position (2020).

Rawls Sales & Customer Relationship Strategy Competition Judge (2020).

Reviewer for *Journal of Business Logistics* (2017–Present) – 6 reviews

Reviewer for *Decision Sciences* (2018-Present) – 1 review.

Ad Hoc Reviewer for the Academic Research Symposium Conference at Council of Supply Chain Management Professionals' Annual Conference (2015-present) – 5 reviews.

Panel Member (2019) Logistics Doctoral Symposium: Columbus, OH.

Session Chair (2017) Decision Sciences Institute Annual Meeting: Washington DC.

Session Chair (2017) INFORMS Annual Meeting: Houston, TX.

Session Chair (2017) Academic Research Symposium Conference at Council of Supply Chain Management Professionals' Annual Conference: Atlanta, GA.

HONORS AND AWARDS

Nominated for the Jerry S. Rawls Excellence in Undergraduate Teaching Award (2021).

New Faculty Award for the Jerry S. Rawls College of Business, Texas Tech Alumni Association (2020).

CSCMP Doctoral Dissertation Award Finalist, Council of Supply Chain Management Professionals (2019).

NDUSTRY EXPERIENCE

Systems Project Manager – Distribution Centers 2013-2014
Vargo Integrated Systems, Inc Columbus, OH

Plant Engineer 2010-2013
Marshall Bottles, Inc Urbana, OH

Project Manager – Software 2007-2010
Studeo Interactive Direct, LLP Salt Lake City, UT

Program Manager and Propulsion Engineer 2000-2007
The United States Air Force Colorado Springs, CO

Programmer 1998-2000
Studeo Interactive Direct, LLP Salt Lake City, UT

CERTIFICATION

Project Management Professional (PMP) 2013-current

PROFESSIONAL AFFLIATIONS

- Council of Supply Chain Management Professionals (CSCMP)
- Decisions Sciences Institute (DSI)
- Project Management Institute (PMI)