

## Daniel F. Taylor

Assistant Professor of Supply Chain Management  
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### ACADEMIC POSITIONS

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

### EDUCATION

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

### PUBLICATIONS

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- Madhavaram, S., Manis, K.T., Rashidi-Sabet, S., & Taylor, D. (2023) "Capability Bundling for Effective Supply Chain Management: An Integrative Framework and Research Agenda" *Journal of Business Logistics. Journal of Business Logistics*. (Forthcoming)
- 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](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](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.\

### **PAPERS UNDER REVISION**

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- Pritchard, A., Taylor, D., & Matthew Belford. "Teaching Driven-Driven Decision Making with Monte Carlo Simulation." (3d round).
- Brockhaus, S., Taylor, D., Knemeyer A, M., & Murphy, P. "The Free Shipping Endowment? Exploring Omnichannel Fulfillment Steering by Nudging Consumers Toward Alternative Order Fulfillment Methods." (2d round)

### **WORKING PAPERS**

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- Taylor D. "Using ship-from-store as an outlet for excess inventory flow, store-level inventory channel pooling can be achieved at lower inventory risk. Increased inventory flow velocity enables more in-store product and in-store variety, allowing better availability for instant consumer purchase fulfillment."
- Taylor D., Brockhaus, S., Knemeyer A, M., & Murphy, P. "The Effectiveness of Omnichannel Fulfillment Steering Incentives."

### **TEACHING**

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- Developed the curriculum for: SCM 4370 - Forecasting and Inventory Management (2018)
- Re-developed the curriculum for: SCM 4370 - Forecasting and Inventory Management (2024)
- Developed the curriculum for: SCM 3351 - Business Process Improvement (2021)
- Developed the curriculum for: SCM 4371 - Transportation and Distribution Management (2021)

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.

- SEI: 4.2/5.0 (Fall 2023 – 52 Students)
- SEI: 4.0/5.0 (Spring 2022 – 38 Students)
- SEI: 3.1/5.0 (Spring 2022 – 29 Students)
- SEI: 4.9/5.0 (Fall 2021 – 45 Students)
- 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 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: 4.1/5.0 (Fall 2023 – 69 Students)
- SEI 4.8/5.0 (Summer 2022 – 63 Students)
- 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)

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

- SEI: 4.4/5.0 (Spring 2023 – 43 Students)
- SEI: 3.9/5.0 (Spring 2022 – 75 Students)
- SEI: 4.7/5.0 (Fall 2021 – 44 Students)

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

- SEI: 4.6/5.0 (Spring 2022 – 35 Students)
- SEI: 4.7/5.0 (Fall 2021 – 47 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**

Colorado State University and Denver Transportation Club - SCM Case Competition: Fort Collins, CO (2024). Faculty Advisor. Accompanied 4 students.

Colorado State University and Denver Transportation Club - SCM Case Competition: Fort Collins, CO (2023). Faculty Advisor. Accompanied 4 students.

TSCA Toyota Tundra assembly facility – San Antonio (2024), Faculty Advisor. Accompanied twelve students.

TSCA Port of Los Angeles industry visit (2022), Faculty Advisor. Accompanied twelve students.

Josephine Harder. PhD graduate in Logistics, WHU - Otto Beisheim School of Management, Germany. Non-committee-member methods advisor. (2019-2021)

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

- 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**

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- Taylor, D., (presenter), Brockhaus, S., Knemeyer, A.M. & Murphy, P. "The Free Shipping Endowment? Exploring Omnichannel Fulfillment Steering by Nudging Consumers Toward Alternative Order Fulfillment Methods." Decision Sciences Institute Annual Meeting: Atlanta GA.
- Taylor, D., Brockhaus, S., Knemeyer, A.M. (presenter), & Murphy, P. "The Effect of Incentives on Online Purchase Fulfillment Decisions: Faster, Cheaper or to My Door." Academic Research Symposium Conference at Council of Supply Chain Management Professionals' Annual Conference: Nashville, TN.
- Pritchard, A. (presenter), Taylor, D. "Using Monte Carlo Simulation to Teach the Principles of Safety Stock Considerations." Academic Research Symposium Conference at Council of Supply Chain Management Professionals' Annual Conference: Nashville, TN.
- Taylor, D. (co-presenter), & Pritchard A. (co-presenter) (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 (presenter), 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." Decision Sciences Institute Annual Meeting: Washington DC.

## **INVITED PANELS**

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- 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**

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- Member of college curriculum committee (2023-present)
- Faculty Advisor (2018-2024) Tech Supply Chain Association (undergraduate)
- Member of search committee for SCM tenure track professor (2022-23).
- Member of search committee for SCM professor of practice position (2022-23).
- Member of search committee for SCM professor of practice position (2021-22).
- Member of search committee for Marketing assistant professor (2020-21).
- Managed SCM major application process (Summer 2020, Fall 2020, Fall 2021 and Fall 2022).
- 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) – 7 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.(2022)

## **OUTREACH**

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Codeveloper of the SCM industry advisory committee (2024-present)

Moderated Hank Dorris, Rawls Advisory Council and President and CEO of Specialty Packaging, Inc. to speak with 45 SCM student. (2022)

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

Facilitated the TSCA Recruiter nights (virtual and on campus): (2019 to present)

## **HONORS AND AWARDS**

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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).

## **INDUSTRY EXPERIENCE**

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

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Project Management Professional (PMP) 2013-current

## **PROFESSIONAL AFFILIATIONS**

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