

## **John Patrick Saldanha**

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### **EDUCATION**

**Ph.D. in Business Administration with a concentration in Business Logistics and Statistics Minor**, Department of Supply Chain & Information Systems, Smeal College of Business, Penn State: August, 2006.

**BSc. (Hons.) Maritime Business & Transport** University of Plymouth, Plymouth, UK: June, 1999.

**Class 2 Deck Officer (Chief Officer) certificate of competency**: issued by the Office of Registrar General of Shipping and Seamen of the Government of the United Kingdom: November, 1996.

**Higher National Diploma in Nautical Science**. Issued by the British Technical Education Council, Blackpool & the Fylde College, Fleetwood, UK: November, 1996.

### **PROFESSIONAL POSITIONS**

**Sears Chair in Global Supply Chain Management**, Department of Management Information Systems, West Virginia University, College of B&E, February 2019 to Present.

**Associate Professor Supply Chain Management**, Department of Management Information Systems, West Virginia University, College of B&E, June 2017 to Present.

**Visiting Professor**, Department of Design Sciences, Packaging Logistics, Lund University, Faculty of Engineering, Autumn 2017.

**Assistant Professor Supply Chain Management**, Department of Management Information Systems, West Virginia University, College of B&E, June 2014 to May 2017.

**Assistant Professor Logistics**, Department of Marketing and Logistics, Fisher College of Business, Ohio State, July 2006 to May 2014.

**Research & Teaching Assistant**, Supply Chain & Information Systems Department, Smeal College of Business, Penn State, from Winter 2001 to Summer 2006.

**Deck Officer, Merchant Marine**, From 1990-2000.

### **SELECTED AWARDS & RECOGNITIONS**

**2018 Finalist Journal of Business Logistics 2017 Bernard J. LaLonde Best Paper Award**, "How Does Driver Turnover Affect Motor Carrier Safety Performance and What Can Managers Do About It?"

**2017 Robbins Centre Fellow**, WVU College of Business & Economics Robbins Center Fellow to support travel for international visiting scholar Dr. Henrik Sternberg.

- 2016 Transportation Journal Outstanding Reviewer Award**, APICS 2016 Supply Chain Conference. Washington, DC, Sept. 26, 2016.
- 2016 Outstanding Reviewer Award Journal of Business Logistics**, 2016 Annual Supply Chain Management Educators Conference. Orlando, FL, Sept. 24, 2016.
- 2015 Western Decision Sciences Institute 2015 Conference Award Best Theoretical/Empirical Research Paper**, “Unravelling the Paradox of Lead-Time Uncertainty.” Maui, HI April 1–3, 2015.
- 2014 Journal of Business Logistics 2013 Bernard J. LaLonde Best Paper Award**, “Combining Formal Controls to Improve Firm Performance.” Presented at Supply Chain Management Educators Conference, San Antonio September 21, 2014.
- 2014 E. Grosvenor Plowman Award**, “Exploring the Use of Upper-Semi Variance as a Robust Estimator for Calculating Safety Stocks.” Best paper at the Annual Supply Chain Management Educators Conference, San Antonio September 21, 2014.
- 2014 Advisor of the Year**, Fisher College of Business, Ohio State. Recognition for Advising The Logistics Association.
- 2012 Fisher Research Fellow**, Fisher College of Business, Ohio State. Recognition for research productivity in meeting a significant publication standard for a set of high-quality journals.
- 2005 Doctoral Dissertation Award**. SOLE, The International Society of Logistics.

#### **ACADEMIC PUBLICATIONS (ISI & SCOPUS Citation Counts)**

- Miller, J.W., **Saldanha**, J.P., Rungtusanatham, M., Knemeyer, A.M. 2018. How Does Electronic Monitoring Affect Hours-of-Service Compliance? *Transportation Journal*, 57(4): 329–364. DOI: 10.5325/transportationj.57.4.0329.
- Miller, J.W., **Saldanha**, J.P. 2018. An Exploratory Investigation of New Entrant Motor Carriers’ Longitudinal Safety Performance. *Transportation Journal*, 57(2): 163–192. DOI: 10.1353/tnp.2018.0009.
- Miller, J.W., **Saldanha**, J.P., Rungtusanatham, M., Knemeyer, A.M. 2017. How Does Driver Turnover Affect Motor Carrier Safety Performance and What Can Managers Do About It? *Journal of Business Logistics*, 38(3): 197–216. DOI:10.1111/jbl.12158 **(Finalist LaLonde Best Paper Award)**. **(2)**
- Saldanha**, J.P., Swan, P.F. 2017. Order Crossover Research: A 60 Year Retrospective to Highlight Future Research Opportunities. *Transportation Journal* 56(3): 227–262.
- Miller, J.W., **Saldanha**, J.P. 2016. A New Look at the Longitudinal Relationship between Motor Carrier Financial Performance and Safety. *Journal of Business Logistics* 37(3): 284–306. DOI:10.1111/jbl.12134. **(13)**
- Saldanha**, J.P., Mello, J.E., Knemeyer, A.M., Vijayaraghavan, T.A.S. 2015b. Coping Strategies for Overcoming Constrained Supply Chain Technology: An Exploratory Study. *Transportation Journal* 54(2): 368–404. **(2)**

- Saldanha**, J.P., Mello, J.E., Knemeyer, A.M., Vijayaraghavan, T.A.S. 2015a. Implementing Supply Chain Technologies in Emerging Markets: An Institutional Theory Perspective. *Journal of Supply Chain Management* 50(1): 1–22. DOI:10.1111/jscm.12065. (16)
- Tyworth, J.E., **Saldanha**, J.P. 2014. The Lead-Time Reliability Paradox and Inconsistent Value-of-Reliability Estimates. *Transportation Research Part E* 70(October): 76–85. DOI:10.1016/j.tre.2014.06.009. (3)
- Saldanha**, J.P., Miller, J.W., Hunt, C.S., Mello, J.E. 2014. Linking Formal Controls to Motor Carrier Performance: Curvilinear and Interaction Effects. *Transportation Research Part E*. 64: 28-47. DOI:10.1016/j.tre.2014.01.006 (3)
- Miller, J.W., **Saldanha**, J.P., Hunt, C.S., Mello, J.E. 2013. Combining Formal Controls to Improve Firm Performance. *Journal of Business Logistics* 34(4): 299-315. DOI:10.1111/jbl.12028 (Received LaLonde Best Paper Award). (10)
- Saldanha**, J.P., Hunt, C.S., Mello, J.E. 2013. Driver Management That Drives Carrier Performance. *Journal of Business Logistics* 34(1): 15-32. DOI:10.1111/jbl.12007. (14)
- Saldanha**, J.P., Tyworth, J.E., Swan, P.F., Russell, D.M. 2009. Cutting Logistics Costs with Ocean Carrier Selection. *Journal of Business Logistics* 30(2): 175-195. DOI:10.1002/j.2158-1592.2009.tb00118.x. (21)
- Saldanha**, J.P., Russell, D.M., Tyworth, J.E. 2006. A Disaggregate Analysis of Ocean Carriers' Transit Time Performance. *Transportation Journal* 45(2): 39-60. (16)
- Russell, D.M., **Saldanha**, J.P. 2003. Five Tenets of Security-Aware Logistics and Supply Chain Operation. *Transportation Journal* 42(4): 44-54. (45)
- Saldanha**, J.P., Gray, R. 2002. The Potential for British Coastal Shipping in a Multimodal Chain. *Maritime Policy & Management* 29(1): 77-92. (28)

## PAPERS UNDER REVIEW

- Miller, J.W., Skowronski, K., **Saldanha**, J.P. The Effect of Outsourcing on Firms' Rate of Safety Risk Reduction Following Information Disclosure. *Journal of Operations Management*, submitted June 2019.
- Saldanha**, J.P., Price, B., Thomas, D.J. Non-Parametric Approaches to Setting Periodic and Continuous Review Inventory Policies for the Cycle Service Level Customer Criterion Under Conditions of Non-Standard Lead Time. Submitted to *Production & Operations Management* June 2019.

## SELECTED RESEARCH IN PROGRESS

- Ahner, D.K., **Saldanha**, J.P., Swan, P.F. Using the Upper-Semi Variance to Improve the Accuracy of Setting Inventory Policy Parameters with Empirical Data. Preparing Manuscript. Targeting *Journal of Business Logistics* Summer 2019.

**Saldanha**, J.P., Swan, P.F. Bootstrapping to Estimate Reorder points when Orders Cross. Preparing Manuscript. Targeting *Journal of Operations Management* Summer 2019.

**Saldanha**, J.P., Price, B., Thomas, D.J. Non-Parametric Approaches to Setting Periodic and Continuous Review Inventory Policies for the Fill Rate Customer Criterion Under Conditions of Non-Standard Lead Time. Preparing Manuscript. Targeting *Production & Operations Management* Fall 2019.

Price, B., **Saldanha**, J.P., Thomas, D.J. Non-Parametric Approaches for Setting Inventory Policies for Correlated Demand Items. Preparing Manuscript. Completed Manuscript. Submitted to *Production & Operations Management* Fall 2019.

## **SELECTED CONFERENCE PROCEEDINGS & PRESENTATIONS**

**Saldanha**, J.P., DeAngelo, G., Sternberg, H.S. Regulatory Bark and Legal Bite: How Corruption and Country Institutions Influence Logistics Performance in Global Supply Chains. Full paper accepted to the 14<sup>th</sup> European Research Seminar, Warsaw, Poland, May 16–17, 2019.

**Saldanha**, J.P., Price, B., Thomas, D. 2019. A Non-Parametric Approach for Setting Safety Stocks for a Continuous Review Inventory Policy. Invited Abstract accepted to the 30<sup>th</sup> POMS Conference, Washington, DC, May 3, 2019.

**Saldanha**, J.P., Price, B. 2017. A Non-Parametric Approach for Setting Reorder Point and Safety Stocks for the (s, Q) Continuous Review Inventory Policy. Full paper accepted to the Proceedings of the 2017 CSCMP ARS, Atlanta, GA, September 24.

Sternberg, H., **Saldanha**, J.P. 2017. The Impact of Digitalization and Sustainability on the Personal Privacy of Supply Chain Workers. Extended abstract accepted to the Proceedings of the 2017 CSCMP ARS, Atlanta, GA, September 24.

**Saldanha**, J.P., DeAngelo, G. The Influence of Corruption on the Effect of Regulatory Friction on Supply Chain Performance. Discussion Paper session presentation. Proceedings 2017 Academy of Management Meeting, Atlanta, GA, August 4–8. doi: 10.5465/AMBPP.2017.13258abstract.

**Saldanha**, J.P., Swan, P.F. 2017. Distribution Free Approaches for Inventory Control When Orders Cross. Abstract accepted for paper presentation at the 2017 POMS Annual Conference, Seattle, WA, May 5–8.

**Saldanha**, J.P., Ahner, D.K., Swan, P.F. 2017. Is the Upper Semi-Variance Better than the Variance for Setting Safety Stocks? Abstract accepted for paper presentation at the 2017 POMS Annual Conference, Seattle, WA, May 5–8.

**Saldanha**, J.P., and Swan, P.F. 2015c. Assessing and Mitigating the Effects of Seaport Disruptions. Paper presented at the 2015 Decision Sciences Institute Annual Meeting, Seattle, WA, November 21–24.

Tyworth, J.E., **Saldanha**, J.P. 2015b. Unraveling the Lead-Time Uncertainty Paradox. Proceedings of the 2015 Decision Sciences Institute Annual Meeting, Seattle, WA, November 21–24.

- Saldanha**, J.P., Swan, P.F. 2015b. Bootstrapping Inventory Parameter Estimates in the Presence of Order Crossing with Positively Skewed Bimodal Distributions. Proceedings of the 2015 Annual Supply Chain Management Educators' Conference, San Diego, CA, September 26.
- Tyworth, J.E., **Saldanha**, J.P. 2015a. Sensitivity of Logistics Costs to the Shape of Lead-Time Distributions in Global Supply Chains. Proceedings of the 2015 Annual Supply Chain Management Educators' Conference, San Diego, CA, September 26.
- Saldanha**, J.P., Swan, P.F. 2015a. Estimating Inventory Parameters with Order Crossing: The Case of Positively Skewed Bimodal Distributions in Global Ocean Supply Chains. Proceedings of the 2015 European Research Seminar, Copenhagen Business School, Copenhagen, Denmark, April 23–24.
- Tyworth, J.E., **Saldanha**, J.P. 2015a. Unraveling the Paradox of Lead-Time Uncertainty. 2015 Annual Western Decision Sciences Institute Meeting: Maui, HI, April 2. **(Received Best Paper Award at WDSI 2015)**
- Saldanha**, J.P., Swan, P.F. 2014. Effects of Assumptions Made When Modeling Global Supply Chains: An Example from a US Retailer's Asia-NA Supply Chain. Proceedings of the 2014 Annual Supply Chain Management Educators' Conference, San Antonio, TX, September 21.
- Miller, J.W., **Saldanha**, J.P. 2014. Truck Driver Turnover is Here to Stay. Proceedings of the 2014 Annual Supply Chain Management Educators' Conference, San Antonio, TX, September 21.
- Ahner, D.K., **Saldanha**, J.P., Swan, P.F., Sandlin, D.E. 2014. Exploring the Use of Upper-Semi Variance as a Robust Estimator for Calculating Safety Stocks. Proceedings of the 2014 Annual Supply Chain Management Educators' Conference, San Antonio, TX, September 21. **(Received Grosvenor Best Paper Award)**
- Tyworth, J.E., **Saldanha**, J.P. 2014. Historically Incoherent Estimates of the Value of Lead Time Reliability. 2014 Annual Western Decision Sciences Institute Meeting: Napa, CA, April 1-4.
- Miller, J.W., Rungtusanatham, M., **Saldanha**, J.P., Knemeyer, A.M., Goldsby, T.J. 2013. Electronic Monitoring of Remote Service Employees: Safety Implications. 44<sup>th</sup> Annual Meeting of the Decisions Sciences Institute: Baltimore, MD.
- Saldanha**, J.P., Swan, P.F., Maltz, A. 2013. Inventory Management in Global Supply Chains Using Simulation and Transaction Data. Proceedings of the Second INFORMS Transportation Science and Logistics Society Workshop, Pacific Grove, CA, June 16-19.
- Jordan, J.D., Sandlin, D.E., **Saldanha**, J.P., Weir, J.D. 2011. A Non-Linear Optimization Solution to the Inventory Theoretic Approach. Presentation at the 2011 Industrial Engineering Research Conference, Reno, NV, May 24.
- Saldanha**, J.P. 2010. Impact of Ocean Carriers Selection on the Cost of Imports. Presentation at the 64<sup>th</sup> Annual Ohio Transportation Engineering Conference, Columbus, OH, October 19-20.

- Saldanha, J.P., Sandlin, D.E.** 2007. Logistics Costs of Humanitarian & Disaster Relief: An Inventory Theoretic Approach. Presentation at the 2007 Annual SOLE Conference, Pittsburgh, PA. May 15-16.
- Saldanha, J.P., Charvet, F.** 2007. Diffusion of Inter-Organizational Information Systems in an International Shipping Environment. Proceedings of the 2007 Annual Supply Chain Management Educators' Conference, Philadelphia, PA, October 21.
- Tyworth, J.E., **Saldanha, J.P.,** Swan, P.F., Russell, D.M. 2007. Total Logistics Cost in Global Supply Chains: Does Ocean Transit Time Performance Matter? Proceedings of The 5<sup>th</sup> International Conference on Supply Chain Management and Information Systems, Melbourne: Australia.

## COMPETITIVE GRANTS

- |       |           |   |
|-------|-----------|---|
| 2019  | >\$100K   | Benedum Foundation, "Building a Farm Enterprise Resource Planning Application to Improve the Competitiveness of Small and Medium Size Diversified Farmers and Food Hubs, and Address the Food Insecurity in Appalachia and Beyond." (PI: J.P. Saldanha, Co-PIs D. Swan, L. Farrokhvar, B. Kamali, N. Surendra). <b>Preparing grant submission for June 2019</b>         |
| 2019  | \$75,000  | OLAM Prize Agropolis Foundation, Title: "Building a Farm Enterprise Resource Planning Application to Improve the Competitiveness of Small and Medium Size Diversified Farmers and Food Hubs, and Address the Food Insecurity in Appalachia and Beyond." (PI: J.P. Saldanha, Co-PIs D. Swan, L. Farrokhvar, B. Kamali, N. Surendra). <b>Submitted February 28, 2019.</b> |
| 2019* | \$40,000  | APICS 2018, Research Grant Program. Title: "Leveraging Machine Learning Principles in Data Rich Environments to Develop Efficient and Consistent Nonparametric Estimators for Setting Inventory Policy Decisions." (Co-PIs: B.S. Price. J.P. <b>Saldanha</b> ).   |
| 2018* | \$118,692 | US DoD, U.S. Navy, Naval Supply Systems Command, Acquisition Research Program, White Paper Title: "Efficient and Consistent Nonparametric Bootstrap Estimators for Setting Single-Site Single-Item Inventory Policies that Inform Acquisition Decisions." (Co-PIs: J.P. <b>Saldanha</b> , B.S. Price).  |
| 2017  | \$2,500   | WVU College of Business & Economics Robbins Center Fellow to support travel for international visiting scholar.   |
| 2015  | \$10,000  | WVU College of Business & Economics, Summer Research Grant. Project Title: Designing Resilient Supply Chains (J.P. <b>Saldanha</b> )  |
| 2011  | \$2,000   | Driver control study (J.P. <b>Saldanha</b> , C.S. Hunt), Fisher College of Business, Small Grants.  |

- 2011\* \$1M/yr, 5 years USDA National Institute of Food and Agriculture (NIFA) Agriculture and Food Research Initiative (USDA), Global Food Security (GFS) Competition, "Analysis and management of social, business, and ecological networks in building local and regional food-based economies to increase food security." (PI: C. Hoy; Co-PI: Steve Bosserman, Jill Clark, Steve Faivre, Mike Hamm, Shoshana Inwood, Ross MacDonald, Mark Partridge, John F. Reid, John P. **Saldanha**, Jeff Sharp, Michael Shuman).
- 2010\* \$1M/yr, 5 years USDA National Institute of Food and Agriculture (NIFA) Agriculture and Food Research Initiative (USDA), Global Food Security (GFS) Competition, "From disadvantaged to vibrant and self-reliant: localizing food systems as a cornerstone strategy in the revitalization of urban communities and enhancement of individual well being" (PI: P.S. Grewal; Co-PI: M. Kleinhenz, P. Ling, J. Sharp, J. Parker, M. Bean, S.M. Matta, J.P. **Saldanha**, D. Doohan, M. Barni, K.K. Butler, A. Adelaja, H. Melakeberhan, Z. Neal, J. Warbach, C. McKeown, R.S. Gates, X. Wang)
- 2010 \$25,000 Localizing Urban Food Systems: Assessing Capacity of an Urban Neighborhood for Self-Reliance in Fresh Produce (P.S. Grewal, M. Kleinhenz, P. Ling, J.P. **Saldanha** and T. Blaine), OSU Food Innovation Center Competitive Research Grant 2010-2011.
- 2009 \$14,100 Exploring the Use of Information to Enable Logistics Activities in India (J. P. **Saldanha**, J. E. Mello, A. M. Knemeyer and T.A.S. Vijayaraghavan), Center for International Business Education and Research, Fisher College of Business, Global Competence Award, 2009.

\*Not funded

## MEDIA

- 2018 WDTV Channel5 WV *WVU business students tackling statewide issues,*  
<https://www.wdtv.com/content/news/WVU-business-students-tackling-statewide-issues-502207871.html>
- 2018 US News *Team of WVU students aims to fill 'food deserts' with produce,*  
<https://www.usnews.com/news/best-states/west-virginia/articles/2018-12-16/wvu-student-team-aims-to-fill-food-deserts-with-produce>
- 2018 WV MetroNews *Team of WVU students aims to fill 'food deserts' with produce,*  
<http://wvmetronews.com/2018/12/09/team-of-wvu-students-aims-to-fill-food-deserts-with-produce/>
- 2018 The Dominion Post *Team of WVU students aims to fill 'food deserts' with produce,*  
<https://www.dominionpost.com/2018/12/07/team-of-wvu-students-aims-to-fill-food-deserts-with-produce/>

- 2018 The Intelligencer, Wheeling New-Register *WVU economics students help Grow Ohio Valley prepare to open new market in Wheeling,*  
<http://www.theintelligencer.net/news/community/2018/12/wvu-economics-students-help-grow-ohio-valley-prepare-to-open-new-market-in-wheeling/>
- 2018 The Register Herald *WVU supply chain students tackle state food desert,*  
[https://www.register-herald.com/news/wvu-supply-chain-students-tackle-state-food-desert/article\\_9fa4756b-b920-5bce-98ff-9e694ea2e9cf.html](https://www.register-herald.com/news/wvu-supply-chain-students-tackle-state-food-desert/article_9fa4756b-b920-5bce-98ff-9e694ea2e9cf.html)
- 2017 Charleston Gazette-Mail *As warehouse jobs rise in WV, companies adapt to Amazon's influence* by Max Garland October 29, 2017,  
[https://www.wvgazettemail.com/business/as-warehouse-jobs-rise-in-wv-companies-adapt-to-amazon/article\\_9e848bc0-b8df-5dfd-80e1-c689563fd90d.html](https://www.wvgazettemail.com/business/as-warehouse-jobs-rise-in-wv-companies-adapt-to-amazon/article_9e848bc0-b8df-5dfd-80e1-c689563fd90d.html)
- 2016 Charleston Gazette-Mail *Google Express expands delivery service to WV* by Max Garland September 28, 2016, <http://www.wvgazettemail.com/news-business/20160928/google-express-expands-delivery-service-to-wv>
- 2012 Columbus Dispatch *Panama's Promise* by Mark Williams March 9, 2012,  
<http://www.dispatch.com/content/stories/business/2012/03/09/panamas-promise.html>
- 2010 Ohio News Network *Ohio Means Business – Bio-based products.* Aired Wednesday, July 7, 2010. Segment available on Youtube @ <http://www.youtube.com/watch?v=3sOZa9YzaAA>
- 2008 Associated Press *Independent Truckers See End of the Road* by Ellen Simon. Featured in USA Today [http://www.usatoday.com/money/industries/2008-03-01-truckers\\_N.htm](http://www.usatoday.com/money/industries/2008-03-01-truckers_N.htm) and MSNBC.com <http://www.msnbc.msn.com/id/23436726/>
- 2008 St. Petersburg Times *Need to Ship Big Item? Father-Son Duo Can Get it Done* by Jodie Tillman. Sunday North Edition, Section: PASCO TIMES p. 1, September 7, 2008.
- 2004 Traffic World Hickey, Kathleen. *Surviving the Dot-Bomb.* Traffic World (268) 27, pp. 15-16.

## PHD COMMITTEES

**Jason W. Miller**, Asst. Professor of Supply Chain Management, Colorado State University. Dissertation: *Delivery Service Performed by Personnel without Direct Supervision* (2014). Winner of the 2015 CSCMP Best Dissertation Award.

**Linda Styhre**, Chalmers University of Technology, Gothenburg Sweden Dissertation: *Capacity utilisation in short sea shipping* (2010).

**Ned Sandlin**. Dissertation: *Three Extensions to the Inventory Theoretic Approach* (2009). Received the 2009 SOLE Doctoral Dissertation Award. Part of the research implemented by Fortune 500 Company resulting in significant cost savings.



## TEACHING

### West Virginia University, College of Business & Economics

*Logistics/Distribution Management (355)*: Students learn the fundamentals of logistics management including planning, fulfillment operations, customer service, inventory management, transportation, 3PLs, and facility design and location. Fall 2014, 2 sections Fall 2015, 2 sections Fall 2016, 1 section Fall 2017.

*Supply Chain Analytics (360)*: A survey of the broad spectrum of mathematical modeling methodologies available to supply chain analysts for solving a large variety of supply chain problems. These include forecasting, inventory Management, routing & scheduling, facility location, and supply chain network design. Spring 2015, 2016 and 2017. In Fall 2018, flipped the classroom and used class time for students to participate in a live project setting up a local food entrepreneurs supply chain processes.

*Supply Chain Technology (430)*: Students are introduced to enterprise systems including their architecture and the underlying database management systems. They are made familiar with different components of enterprise systems such as ERP, WMS, and TMS systems. In additions students are introduced to visualization and analytic techniques such as machine learning that may be used to convert data into actionable knowledge. 1 section Fall 2017. In Fall 2018, flipped the classroom and used class time for students to participate in a live project assisting in setting up a non-profit urban farm's public market in Wheeling, WV.

*Business Core Supply Chain Management (360)*: Teaching the fundamentals of supply chain management in the undergraduate business core. Fall 2014. Spring 2016.

### The Ohio State University, Fisher College of Business

*Transportation Management (5381)*, at the Undergraduate level. Provides grounding in transportation economics and exposes students to transportation management, policy and regulation from the carrier and shipper perspectives. Students also gain an appreciation for the transportation modes, intermodal and international transportation, and capacity management.

Sessions Taught:

- Undergraduate: 2 sections Spring 2013 and 2014.

*Logistics Analytics (4382)*, at the Undergraduate level. Equips students to recognize and solve operational problems in a logistics system using spreadsheet analysis, optimization and simulation. Topics covered include demand forecasting, linear programming, simulation, inventory management, routing, facility location and network design.

Sessions Taught:

- Undergraduate: 1 section Spring 2013, 2 sections Spring 2014.

*Analysis and Design of Logistics Systems (781, 881)*, at the Undergraduate and MBA level. Equips students to recognize and solve operational problems in a logistics system using spreadsheet analysis, optimization and simulation. Topics covered

include demand forecasting, linear programming, simulation, routing, facility location and network design.

Sessions Taught:

- Undergraduate: 2 Sections every Winter and Spring 2007 through 2012.
- MBA: 1 section every Winter 2007 through 2010.

*Transportation and Information Systems section of PhD seminar*, Review seminal research from the transportation and IS literature streams of logistics and supply chain management in a team-taught seminar. Summer 2006, 2008 and 2010.

*Executive Education*, taught one section on collaborative transportation management in Fisher's logistics executive education program customized for middle managers at a leading ocean carrier. Spring 2007.

## **INVITED ENGAGEMENTS**

*2019 Decision Sciences Institute Invited Session*: DSI Annual Conference, New Orleans, LA, November 21-24, 2015.

*2019 Academic Research Seminar*: CSCMP Annual Conference, Anaheim, CA, Logistics Track Chair. September 15-18, 2018.

*2019 WFI – Inglostadt School of Management*, Invited Presentation: "Building Sustainable Food Supply Chains." Conference on Sustainability in Business & Economics hosted by KU Institute for Business and Economics in Service of Humanity, June 26, 2019.

*2018 West Virginia Manufacturers Association, Marcellus & Manufacturing Development Conference 2018* "Moving Through Logistics," Morgantown, WV. April 17, 2018.

*2017 Transparent Supply Chains*: Keynote Speaker for Vinnova-funded project "Transparent Supply Chains," Stockholm, Sweden. November 24, 2017.

*2017 Lund University*: Seminar Leader "How to Carry Out and Publish High-Impact Research" the Division of Packaging and Logistics, Lund, Sweden. November 23, 2017.

*2017 Lund University*: Instructor for the Graduate Seminar on Intermodal Transportation, Lund, Sweden. November 22-23, 2017.

*2017 Decision Sciences Institute*: DSI Annual Conference, Washington, DC, Logistics & Transportation Track Chair. November 17-20, 2017.

*2017 The Kuehne Logistics University: Research presentation*: "Setting Inventory Policy when Orders Cross" Hamburg, Germany November 10, 2017.

*2017 CSCMP Doctoral Symposium, CSCMP 2017 Annual Conference*, Atlanta, GA, Panel: "Raising the Bar on Research Methods." September 25, 2017.

*2017 Center for Free Enterprise Empirical Workshop*: "Probing Interaction Effects" College of Business & Economics, WVU Morgantown, WV July 24, 2017.

*2017 CTL MIT Research presentation: "Motivating Distribution Free Approaches for Inventory Control: Application Addressing Order Crossover" Boston, MA April 7, 2017.*

*2016 Roads Scholar Academy Invited Speaker: Annual WVU Roads Scholar Academy, Naples, FL, "Delivering the Goods: How Making Supply Chains Work Makes for a Better World," February 27, 2016.*

*2015 Decision Sciences Institute Invited Workshop/Panel Session: DSI Annual Conference, Seattle, WA, Panel "Effects of distribution shapes on inventory models." November 21-24, 2015.*

*2015 CSCMP Track Panelist: CSCMP 2015 Annual Conference, San Diego, CA, Academic Career Track Session, Panel: "Walk This Way – Career Paths in Academia." September 27–30, 2015.*

*2015 Logistics Doctoral Symposium, W.P. Carey School of Business, Arizona State University, Tempe, AZ, "Developing Research: Developing Considerations Across Different Methodologies The Case of Field Research." February 27, 2015.*

*Research Seminar, Chalmers University of Technology, Gothenburg, Sweden, "Research of Ocean Shipping Logistics: Past, Present & Agenda for Future Research." August 2010.*

*Doctoral Seminar, Case Western Reserve University, Weatherhead School of Management, "Conducting Grounded Theory Research." September 12, 2009.*

*2007 CSCMP Doctoral Symposium, CSCMP 2007 Annual Conference, Philadelphia, PA, Panel: "Get the Dream Job." October 19, 2007.*

## **SERVICE**

**Editorial Review Board**, Journal of Business Logistics (2009-Present)

**Editorial Review Board**, Transportation Journal (2016-Present)

**Editorial Review Board**, Journal of Supply Chain Management (2018-Present)

**Faculty Advisory Committee**, WVU Vice President of Research (2017-Present)

**Greater Pittsburgh Food System Plan**, Participant (2018-Present).

**West Virginia University Research Faculty Advisory Committee**, Member (2017-present)

**College of Business & Economics Graduate Programs Committee**, (2018-2019)

**College of Business & Economics Dean's Thinkers Group**, faculty group provided strategic advice to the college Dean (2017-2018)

**Ad-Hoc Journal Reviewer** Transportation Research Part E, Production and Operations Management, Journal of Operations Management, International Journal of Logistics Management, International Journal of Physical Distribution and Logistics Management, Omega: International Journal of Management Science.

**Ad-Hoc Conference Paper Reviewer:** Annual Supply Chain Management Educators Conference, Academy of Management, Annual Meeting of the Decision Sciences Institute, Transportation Research Board.

**SCM Major Program Development Committee,** College of Business & Economics WVU (Summer 2014–Present).

**Co-Advisor,** WVU Supply Chain Management Association, at the College of Business & Economics, WVU. (Summer 2014-Present)

**Advisor,** Nick Miller, Undergraduate Thesis, Investigating Trends in Vendor Contract Proliferation. Presented at Firm's Global Headquarters, May 2017.

**WVU Farm Initiative Committee,** (Spring 2016–Spring 2017) Investigate strategies to grow local food production by exploring innovative methods in production, marketing, and distribution.

**Business Data Analytics Faculty Search Committee:** College of B&E (October 2016–January 2017), search for an open rank tenure track faculty line for the Business Data Analytics program.

**Coach,** College of Business & Economics Undergraduate Team, Tied Fourth Place (Fifth after tie-breaker) at the Michigan State Don Bowersox 2016 Supply Chain Challenge, East Lansing, MI, November 3-4.

**Conference Chair,** Supply Chain India 2016: The largest international Supply Chain & Logistics networking and educational event in India including speakers and attendees from all across the world April 6.

**Coach,** College of Business & Economics Undergraduate Team, Fourth Place at the Michigan State Don Bowersox 2015 Supply Chain Challenge, East Lansing, MI, October 29-30.

**Business Data Analytics Faculty Search Committee:** College of B&E (August 2015–Spring 2016), search for two new faculty for the new Business Data Analytics program.

**Business Data Analytics Program Development Committee:** College of B&E (February 2015–Spring 2016)

**Conference Chair,** Supply Chain India 2015: The largest international Supply Chain & Logistics networking and educational event in India including speakers and attendees from all across the world April 14–16.

**Coach,** College of Business & Economics Undergraduate Team, Fourth Place at the Michigan State Don Bowersox 2014 Supply Chain Challenge, East Lansing, MI, November 7-8.

**2012 Bernard J. LaLonde Best Paper Award Selection Committee** for the *Journal of Business Logistics*.

**Logistics Semester Curriculum Conversion Committee,** Fisher College of Business, redesigned and enhanced curriculum for move from quarter to semesters at The Ohio State University.

**Collaborator, Food Innovation Center** at The Ohio State University. (Spring 2009-Spring 2014).

**Advisor**, The Logistics Association, at the Fisher College of Business, The Ohio State University. (Fall 2009-Spring 2014)

**Graduate School Faculty Representative**, external faculty representative for doctoral thesis defense. (2007-2010).

**Coach**, Fisher College of Business Undergraduate Team, winners at the Michigan State 2012 Supply Chain Challenge, East Lansing, MI, March 22-23.

**Coach**, Fisher College of Business Undergraduate Team, winners at the Michigan State 2011 Supply Chain Challenge, East Lansing, MI, April 7-8.

**Co-Advisor**, Julie Hoopes, Undergraduate Honors Thesis, Deciding to Offshore: The Hidden Costs of Buying “Cheap” Goods from China. Presented at the Ohio State Undergraduate Research Competition and winner of the Council of Supply Chain Management Professionals’ Undergraduate Best Paper Award.

## **PROFESSIONAL AFFILIATIONS**

*Member of the APICS.*

*Member of the Council of Supply Chain Management Professionals.*

*Member of the Academy of Management, Operations and Supply Chain Management Division.*

*Member Decisions Sciences Institute.*

*Member of the Production and Operations Management Society.*

*Member of the ISM.*

*Member INFORMS, TS&L Society, MSOM.*

*Affiliate Member The Transportation Research Board.*

*Associate Member of the Nautical Institute.*