

Alex Scott

Eli Broad College of Business, Michigan State University
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ACADEMIC APPOINTMENTS

Assistant Professor 2019 to present

Department of Supply Chain Management, Eli Broad College of Business
Michigan State University, East Lansing, MI

Assistant Professor 2016 to 2019

Department of Supply Chain & Information Management, D'Amore-McKim School of Business
Northeastern University, Boston, MA

EDUCATION

Ph.D. in Business Administration 2012 to 2016

Department of Supply Chain & Information Systems, The Pennsylvania State University

M.S. in Operations Research 2002 to 2003

Department of Industrial & Systems Engineering, Georgia Institute of Technology

B.S. in Industrial Engineering 1998 to 2002

Department of Industrial Engineering, Purdue University

RESEARCH INTERESTS

Supply chain management, transportation and logistics, regulatory policy, supplier governance, transportation safety, business-to-business procurement auctions

REFEREED PUBLICATIONS

Scott, A., Craighead, C.W., & Parker, C., "Now You See It, Now You Don't: Explicit Contract Benefits in Extralegal Exchanges." Accepted at *Production and Operations Management*.

Scott, A., & Nyaga, G.N., 2019, "The Effect of Firm Size, Asset Ownership, and Market Prices on Regulatory Violations." *Journal of Operations Management*, vol. 65, no. 7, pp. 685-709.

*Finalist for the E. Grosvenor Plowman Award for Best Conference Paper at the CSCMP 2018.

Scott, A., 2019, "Concurrent Business and Buyer-Supplier Behavior in B2B Auctions: Evidence from Truckload Transportation." *Production and Operations Management*, vol. 28, no. 10, pp. 2609-2628.

Scott, A., 2018, "Carrier Bidding Behavior in Truckload Spot Auctions." *Journal of Business Logistics*, vol. 39, no. 4, pp. 267-281.

Scott, A., Parker, C., & Craighead, C.W., 2017, "Service Refusals in Supply Chains: Drivers and Deterrents of Freight Rejection," *Transportation Science*, vol. 51, no. 4, pp. 1086-1101.

Scott, A., 2015, "The Value of Information Sharing for Truckload Shippers," *Transportation Research Part E*, vol. 81, September, pp. 203-214.

Scott, A., & Harrison, T.P., 2015, "Additive Manufacturing in an End-to-End Supply Chain Setting," *3D Printing and Additive Manufacturing*, vol. 2, no. 2, pp. 65-77.

WORKING PAPERS

Miller, J.W., Scott, A., & Williams, B., "Adjustment of Contract Prices to Spot Market Conditions in the Truckload Sector." Preparing for 3rd round review at *Journal of Business Logistics*.

Scott, A., Balthrop, A., & Miller, J.W., "Electronic Monitoring and Spillover Effects: The Case of the Electronic Logging Device Mandate." Under 2nd round review at *Journal of Operations Management*.

*Winner of the E. Grosvenor Plowman Award for Best Conference Paper at the CSCMP 2019.

Balthrop, A., & Scott, A., "Compliance and Avoidance during Announced Inspection Events." *Under review*.

Scott, A., & Balthrop, A., "The Consequences of Self-Reporting Biases." *Under review*.

Scott, A., "It's Raining, It's Pouring, the Inspector is Snoring: Task Selection in Varying Work Environments." Working paper.

CONFERENCE PRESENTATIONS & PROCEEDINGS

Scott, A., & Balthrop, A., 2019, "Self-reporting Biases and Their Consequences: Evidence from the Crash Preventability Program," Decision Sciences Annual Conference, New Orleans, LA, USA.

Scott, A., Balthrop, A., & Miller, J.W., 2019, "Did the Electronic Logging Device Mandate Reduce Accidents?" CSCMP Annual Conference, Anaheim, CA, USA.

Scott, A., & Nyaga, G.N., 2018, "The Effect of Operational Control, Size, and Market Incentives on Regulatory Violations," Decision Sciences Annual Conference, Chicago, IL, USA.

Scott, A., Balthrop, A., & Miller, J.W., 2018, “Did the Electronic Logging Device Mandate Reduce Accidents?,” Decision Sciences Annual Conference, Chicago, IL, USA.

Scott, A., & Nyaga, G.N., 2018, “The Effect of Operational Control, Size, and Market Incentives on Regulatory Violations,” CSCMP Annual Conference, Nashville, TN, USA.

Scott, A., 2018, “It’s Raining, It’s Pouring, the Inspector is Snoring: Task Selection in Varying Work Environments,” POMS Annual Conference, Houston, TX, USA.

Scott, A., 2017, “Sequential Effects and Bidder Heterogeneity in B2B Auctions: Evidence from Truckload Spot Auctions,” Decision Sciences Annual Conference, Washington, DC, USA.

Scott, A., 2017, “Sequential Effects and Bidder Heterogeneity in B2B Auctions: Evidence from Truckload Spot Auctions,” INFORMS Annual Conference, Houston, TX, USA.

Scott, A., 2017, “Sequential Effects and Bidder Heterogeneity in B2B Auctions: Evidence from Truckload Spot Auctions,” POMS Annual Conference, Seattle, WA, USA.

Scott, A., Craighead, C.W., & Parker, C., 2015, “The Impact of Commitment Specificity on Supplier Behavior: Evidence from For-Hire Trucking,” INFORMS Annual Conference, Philadelphia, PA, USA.

Scott, A., Craighead, C.W., & Parker, C., 2015, “The Impact of Commitment Specificity on Supplier Behavior: Evidence from For-Hire Trucking,” CSCMP Annual Conference, 2015, San Diego, CA, USA.

Scott, A., Parker, C., & Craighead, C.W., 2014, “Exploring Shipper-Carrier Dynamics in a Truckload Environment,” INFORMS Annual Conference, San Francisco, CA, USA.

Scott, A., & Harrison, T.P., 2014, “Examining Supply Chain Drivers for Additive Manufacturing Adoption,” Center for Supply Chain Research Annual Forum, State College, PA, USA.

Scott, A., & Harrison, T.P., 2013, “Examining Supply Chain Drivers for Additive Manufacturing Adoption,” Defining the Current and Future State of the Metallic Materials Supply Chain for Additive Manufacturing Conference, State College, PA, USA.

TEACHING ACTIVITIES

Michigan State University

SCM 476 – Transportation Management

4.7, 4.8 out of 5

Northeastern University

SCHM 2301 – Introduction to Supply Chain and Operations Management

Spring 2019 (2 sections) 4.6, 4.7 out of 5

Fall 2018 (2 sections) 4.6, 4.7 out of 5

Fall 2017 (3 sections) 4.7, 4.7, 4.8 out of 5

Fall 2016 (2 sections), Spring 2017 (1 section) 4.7, 4.7, 4.8 out of 5

The Pennsylvania State University

SCM 421 – Supply Chain Analytics, Fall 2014 6.7 out of 7

HONORS & AWARDS

Winner of the E. Grosvenor Plowman Award for Best Conference Paper at the CSCMP 2019.

Nominee for the E. Grosvenor Plowman Award for Best Conference Paper at the CSCMP 2018.

Recipient of Frank and Jean Smeal Annual Scholarship of \$15,000 (2012 to 2016).

RESEARCH GRANTS

Co-Principal Investigator, “Trucking in Massachusetts,” Transportation Association of Massachusetts, Awarded \$25,000.

PROFESSIONAL SERVICE

Session chair, Logistics and Transportation Management, Decision Sciences Annual Conference 2018, Chicago, IL.

Session chair, Big Data Applications in Logistics and Supply Chain, Decision Sciences Annual Conference 2018, Chicago, IL.

Session chair, Empirical Operations Management, Production and Operations Management Annual Conference 2018, Houston, TX.

Ad-hoc reviewer:

Production and Operations Management, Journal of Operations Management, Journal of Business Logistics, Decision Sciences Journal, International Journal of Production Research, Transportation Research Part E

INDUSTRY EXPERIENCE

IBM, ILOG SUPPLY CHAIN & OPTIMIZATION, Chicago, IL 2007 to 2012

Worldwide Services Solutions Lead

Responsible for pre-sales proposals, project development, contract creation and negotiation, resource scheduling, and project management for supply chain and optimization consulting group of fifteen to twenty consultants within IBM.

Managing Consultant and Senior Supply Chain Consultant

Led numerous projects around the globe for large multinational corporations. Projects involved network design, production planning, and multi-tier inventory optimization.

Industries consulted in:

Food and beverage, consumer products, pharmaceuticals, among others.

Countries consulted in:

Belgium, Brazil, France, Germany, Japan, the Netherlands, New Zealand, Russia, Saudi Arabia, UAE, Ukraine, Venezuela.

KENCO LOGISTIC SERVICES, Chattanooga, TN

2006 to 2007

Senior Logistics Engineer

Led the design and startup of new 3rd-party distribution centers. These included an AIB-certified warehouse (food grade) and a high-speed pick-pack warehouse.

J.B. HUNT TRANSPORT, INC., Lowell, AR

2004 to 2006

Logistics Engineer, Integrated Management Sciences

Projects included an activity-based costing model, a freight selection model, and a container repositioning support tool.

DEFENSE INTELLIGENCE AGENCY, Washington, D.C.

2003 to 2004

Intelligence Analyst

Analyzed and documented transportation networks, details of which are classified. Granted Top Secret Security Clearance by the Federal Government of the United States.

INDUSTRY OUTREACH

Publications

Scott, A., Balthrop, A., Miller, J., 2019, "Did the ELD Mandate Reduce Accidents?" *Material Handling & Logistics*, March/April issue, pp. 23-26.

Scott, A., 2015, "A Real-Time Method to Estimate Trucking Market Conditions," *Material Handling & Logistics*, September/October issue, pp. 22-24.

Scott, A., 2014, "How Supply Chain Managers Dig Big Data," *Material Handling & Logistics*, January/February issue, pp. 25-27.

Scott, A., 2013, "Is Additive Manufacturing a Plus for You?" *Material Handling & Logistics*, July/August issue, pp. 17-18.

Scott, A., 2013, “Planning and Doing Meet in Today’s WMS and TMS,” *Material Handling & Logistics*, January/February issue, pp. 40-43.

Scott, A., 2012, “When It Makes Sense to Stock Up,” *Material Handling & Logistics*, August/September issue, p. 29.

Media Coverage of Research

Radio

Guest, Freightvine Podcast (with Chris Caplice at MIT), January 16th, 2020,
<https://freightvine.podbean.com/e/the-impact-of-elds-other-freight-policies-alex-scott/>.

Guest contributor (live radio interview), SiriusXM Road Dog Trucking News, August 29th, 2019, one hour.

Guest contributor (live radio interview), SiriusXM Road Dog Trucking News, April 1st, 2019, one hour.

Guest contributor (live radio interview), SiriusXM Road Dog Trucking News, February 5th, 2019, about 25 minutes.

Press Articles

Coker, A., 3/24/2019, “Recent study finds ELD mandate had no significant impact on crash rates,” Freightwaves <https://www.freightwaves.com/news/trucking/recent-study-finds-eld-mandate-had-no-significant-impact-on-crash-rates>.

Gallagher, J., 1/31/2019, “Research reveals mixed ELD safety effects,” Freightwaves <https://www.freightwaves.com/news/regulation/research-reveals-eld-safety-effects-mixed-so-far>.

Jaillet, J., 2/4/2019, “Study: Under ELDs, crash rates flat but unsafe driving violations are up,” Overdrive <https://www.overdriveonline.com/study-under-elds-crash-rates-flat-but-unsafe-driving-violations-are-up/>.

Jaillet, J., 2/4/2019, “Crash rates unchanged by ELDs despite increased HOS compliance, study concludes,” Commercial Carrier Journal <https://www.ccjdigital.com/crash-rates-unchanged-by-elds-despite-increased-hos-compliance-study-concludes/>.

Martinez, S., 2/4/2019, “ELD adoption fails to reduce truck accidents, study says,” TruckingInfo.com <https://www.truckinginfo.com/324416/eld-adoption-fails-to-reduce-number-of-truck-accidents>.

Leonard, M., 2/7/2019, “Study: ELD mandate may lead to unsafe driving behavior,” SupplyChainDive <https://www.supplychaindive.com/news/ELD-mandate-may-lead-unsafe-driving-behavior/547931/>.

Schremmer, M., 2/5/2019, “ELD mandate hasn’t reduced crashes, study reveals,” LaneLineMag.com <http://www.landlinemag.com/story.aspx?storyid=73710>.

Media Mentions

Sugar, R., 2020, “Your coronavirus grocery questions, answered by experts,” Vox, <https://www.vox.com/the-goods/2020/3/30/21199714/grocery-store-delivery-coronavirus-safe-empty>.

Ogletree, K., 2020, “How the Supply Chain Works: Debunking the Food Shortage Myth”, Farm Flavor, <https://www.farmflavor.com/us-agriculture/how-the-supply-chain-works-debunking-the-food-shortage-myth/>.

Presentations

Scott, A., & Shaw, J., 2011, “Beyond Traditional Network Analysis,” Material Handling and Logistics Conference, Park City, Utah, USA (presented with Ahold USA, one of the largest grocers in the USA).

Daihes, K., Murphy, M., & Scott, A., 2009, “Supply Chain Metrics Used in Network Modeling,” CSCMP Annual Conference, Chicago, Illinois, USA (presented with Mars Chocolate and Wrigley, two of the largest confectionary companies in the USA).

Miscellaneous

Editorial Advisory Board member:

Material Handling & Logistics (industry publication that reaches approximately 235,000 viewers monthly).