

Alex Scott

Department of Supply Chain & Information Systems, Smeal College of Business
Pennsylvania State University, University Park, PA 16802
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EDUCATION

2012 – Present Ph.D. in Business Administration (Concentration: Supply Chain Management)

Dissertation proposed in August 2015 (2 of 3 essays completed, expected defense in spring 2016)

Smeal College of Business, Department of Supply Chain & Information Systems, Pennsylvania State University, University Park, PA

Dissertation Title: Service Refusals, Information Sharing, and Commitments:
Empirical Essays in For-Hire Trucking

Advisors: Christopher W. Craighead (co-chair)
Terry P. Harrison (co-chair)

2002 - 2003 Georgia Institute of Technology, M.S., Operations Research, Atlanta, GA Degree in the Department of Industrial and Systems Engineering (ISyE) with courses in supply chain management, optimization, and statistics.

1998 - 2002 Purdue University, B.S., Industrial Engineering, West Lafayette, IN

HONORS & AWARDS

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

Nominated for the Ossian R. MacKenzie Teaching Award (2015)

RESEARCH INTERESTS

Supply chain management

Transportation contracts and pricing

Additive manufacturing

REFEREED PUBLICATIONS

Scott, A., 2015, “The value of information sharing for truckload shippers,” *Transportation Research Part E*, vol. 81, September, pp. 203-214 (essay in dissertation).

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.

MANUSCRIPTS UNDER REVIEW

Scott, A., Parker, C., & Craighead, C.W., “Service Refusals in Supply Chains: Drivers and Deterrents of Freight Rejection,” invited to revise and resubmit at *Transportation Science* (essay in dissertation).

WORKING PAPERS

Scott, A., Parker, C., & Craighead, C.W., “The Effect of Commitment and Contract Completeness on Passive and Active Opportunism” (essay in dissertation).

Target: *Management Science*

WORK IN PROGRESS

“Spatial Pricing and Extent of the Truckload Market.”

Drawing from the economics literature, I will examine how price fluctuations in for-hire trucking propagate through time and space. I have collected a three-year dataset of approximately 1 million bids for the analysis (sole author).

Target: to be determined

NON-REFEREED PUBLICATIONS

Scott, A., 2015, “Estimating Truckload Market Conditions,” *Material Handling & Logistics*, to appear in October issue.

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

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

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

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

CONFERENCE PRESENTATIONS & PROCEEDINGS

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

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

Scott, A., Parker, C., & Craighead, C.W., 2014, “Exploring Shipper-Carrier Dynamics in a Truckload Environment,” INFORMS Annual Meeting, 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.

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 US).

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

INVITED SEMINARS

MIT Center for Transportation & Logistics, October 2015

West Virginia University, October 2015

TEACHING INTERESTS

Supply chain management

Business analytics

TEACHING ACTIVITIES

SCM 421 - Supply Chain Analytics, Fall 2014

Teaching Evaluations: Overall quality of the instructor: 6.67 / 7

PROFESSIONAL SERVICE

Editorial Advisory Board member, *Material Handling & Logistics* (industry publication that reaches approximately 235,000 viewers monthly, over half of whom report themselves as “VP” or “Director” in a supply chain function).

Ad-hoc reviewer, *International Journal of Production Research*.

ACADEMIC EXPERIENCE

Graduate Research Assistant, Department of Supply Chain & Information Systems

Pennsylvania State University, University Park, PA.

Fall 2012 to present

INDUSTRY EXPERIENCE

IBM, ILOG SUPPLY CHAIN & OPTIMIZATION, Chicago, IL

May 2007-July 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, multi-tier inventory optimization, and transportation routing and scheduling.

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

June 2006-Apr. 2007

Senior Logistics Engineer

Led the design and startup of new, 3rd-party distribution centers for customers. These distribution centers included an AIB-certified warehouse (food grade) and a high-speed pick-pack warehouse, for which I oversaw the purchase of more than \$1 million in material handling equipment.

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

Feb. 2004-May 2006

Logistics Engineer, Integrated Management Sciences

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

DEFENSE INTELLIGENCE AGENCY, Washington, D.C.

Sep. 2003-Feb. 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.

REFERENCES

Christopher W. Craighead

Dove Professor of Supply Chain Management
Department of Marketing & Supply Chain Management
Haslam College of Business
University of Tennessee
Knoxville, TN 37996-0530
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Terry P. Harrison

Earl P. Strong Executive Education Professor of Business and Professor of Supply Chain and Information Systems
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Michael Watson

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