

# Alex Scott

Department of Supply Chain & Information Systems, Smeal College of Business  
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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**

Bansal, S., Wu, D., Scott, A., & Craighead, C.W., “Piracy Disruption and Risk: A Pervasive and Critical Supply Chain Issue”

Target: *Journal of Business Logistics* as a *Forward Thinking* article

### **WORK IN PROGRESS**

“The Effect of Commitment Completeness on Supplier Opportunism: Evidence from For-Hire Trucking” (with Chris Parker and Christopher W. Craighead) (essay in dissertation).

Data has been collected and initial analysis completed. Manuscript is being drafted.

Target: *Production and Operations Management*

“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 distance. 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., 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,” Annual Meeting of the Council of Supply Chain Management Professionals, San Diego, CA, 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,” INFORMS Annual Meeting, Philadelphia, PA, USA (to be presented).

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 Supply Chain Leaders 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”, Annual Meeting of the Council of Supply Chain Management Professionals, ranked 14<sup>th</sup> out of 130 presentations, Chicago, Illinois, USA (presented with Mars Chocolate and Wrigley, two of the largest confectionary companies in the USA).

### **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**

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

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).

## **ACADEMIC EXPERIENCE**

Graduate Research Assistant, Department of Supply Chain & Information Systems, The 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**

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.

### **Senior Supply Chain Consultant**

Worked on projects including logistics 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, 3<sup>rd</sup>-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  
Phone: 865-974-2609  
Email: [craighead@utk.edu](mailto:craighead@utk.edu)

### **Terry P. Harrison**

Earl P. Strong Executive Education Professor of Business and Professor of Supply Chain and Information Systems  
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### **Chris Parker**

Assistant Professor of Supply Chain and Information Systems  
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### **Michael Watson**

Founder, Opex Analytics  
Adjunct Professor of Supply Chain Management  
McCormick School of Engineering  
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