

A MASTER OF SCIENCE IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT FROM THE RAJ SOIN COLLEGE OF BUSINESS

POINTS OF EXCELLENCE

- Innovative, relevant, and rigorous curriculum
- Blend of technical and strategic skills taught by outstanding college of business faculty and supplemented by industry speakers
- A problem-solving approach that uses a blend of real-life experiences, case material, and simulations
- A best practice forum attracts supply chain leaders
- Industry relevance—all students complete an industry project that directly returns value to the sponsoring organization
- A cohort-based structure that combines the richness of in-class and online learning

CREATING THE NEXT GENERATION IN SUPPLY CHAIN ADVANTAGE



Mary Johnson
Lead, Business Process Unit
Joint Depot Maintenance Activities Group (JDMAG)
Wright-Patterson Air Force Base

"I was looking for an opportunity to pursue an advanced degree program without having to take off an excessive amount of time from my job. The Raj Soin College of Business' Master of Science in Logistics and Supply Chain Management provided the right mix of on-line and residency sessions especially for someone whose job requires a great deal of travel. The curriculum provides a progressive program to address the challenges of managing the supply chain in an ever changing global environment."

FOR MORE INFORMATION, CONTACT:

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**M.S. IN LOGISTICS AND
SUPPLY CHAIN MANAGEMENT**

**NOW MORE THAN EVER,
SUCCESS IN BUSINESS DEPENDS ON
INNOVATIVE SUPPLY CHAIN STRATEGIES**



EXCELLENCE-DRIVEN, PLANNED SUCCESS



Jeff Jaworski
Director, Enterprise Applications
International Truck and Engine Corp.

“The project Amy Luke completed for this program created the framework for an IT sourcing strategy to help us with up-front planning, our vendor selection process, and quantifying key performance indicators. Amy’s strategy leveraged low-cost geographies to allow us to go beyond just cost cutting to focus our internal employees on our core competencies, streamline our IT business processes, and provide better value to the business. As a result of this project, we will be able to lower our costs, better utilize our internal and external resources, and deliver high-quality products to our customers.”

FOCUSED ON ROI

“One month after graduating with my MS in supply chain management, I had my yearly performance review. My job classification at the time was a “Buyer IV”. I was promoted to a “Buyer II” with a 21 percent salary increase. My manager attributed this large jump directly to my new degree. My promotion would not have been possible, or at least not nearly as rapid, if it weren’t for the supply chain program at the Raj Soin College of Business. I am very thankful I had the opportunity to attend Wright State, not only for the career progression opportunities, but the invaluable experience and knowledge each professor brought to the program and the chance to learn from the outstanding students in our cohort.”



Heather Baughman
American Electric Power



John Jatta
Graco, a division of Newell/Rubbermaid

“The Logistics and Supply Chain Management program utilizes the latest business practices. Plus I’ve been able to draw upon each student’s personal work experiences to elevate my business and managerial skills. Supply chain optimization is one of the most exciting frontiers where companies can increase their bottom line. Wright State’s program has definitely prepared me to contribute to my company’s goals.”

LEARN ALONGSIDE YOUR VALUE CHAIN PARTNERS

“The M.S. in Logistics and Supply Chain Management program at Wright State has expanded my view of the entire supply chain process. It ties together some of the individual concepts of LEAN, forecasting, and inventory management. By applying the knowledge to actual work related tasks, I learned a great deal, which impacted my own job and clients.”



John Donnelly
Industry Consultant

MASTER'S IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT

A PROGRAM DESIGNED TO CREATE THE NEXT GENERATION SUPPLY CHAIN ADVANTAGE

An agile, adaptive supply chain that integrates multiple locations across the globe to maximize profits and customer satisfaction remains an elusive dream for most organizations. Our Master of Science in Logistics and Supply Chain Management program is designed to train leaders to manage the challenges of creating dispersed supply networks while minimizing the corresponding "interdependence risk." The program is offered collaboratively by Information Systems and Operations Management Department (ISOM) faculty in the Raj Sooin College of Business and the faculty in the Industrial and Systems Engineering program in the College of Engineering and Computer Science. The program's goal is to provide students with the knowledge to create the next generation supply network. We have created rich partnerships to achieve that goal.

PARTNERSHIPS CREATE A VALUE-ADDED PROGRAM

The college fosters rich partnerships to equip students with the knowledge to create the next generation supply network:

- The M.S. in Logistics and Supply Chain Management program is offered collaboratively through the Raj Sooin College of Business' Information Systems and Operations Management Department (ISOM) and the Industrial and Systems Engineering program in the College of Engineering and Computer Science.
- daytaOhio, a Wright Center of Innovation for Advanced Data Management and Analysis, assists us in learning and extending principles of data-intensive supply networks.
- Supply chain leaders such as Teradata and Alien Technologies' RFID Solutions Center serve to embed industry best practices into our program.
- Our associated global subject matter experts enhance the rich intellectual base for the program.

Our unique blended education model combines the richness of in-class residencies with the flexibility of online education to deliver an outstanding program. A comprehensive industry-supported final project is completed by all students and demonstrates immediate return on investment from the program.

You will find that our dedicated faculty, supportive industry partners, and outstanding resources of the Raj Sooin College of Business make our program one of the best educational values in the country. Join us at the Raj Sooin College of Business.



Dwight Smith-Daniels, Ph.D.
Chair, Department of
Information Systems and
Operations Management

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PROGRAM DESCRIPTION

LOGISTICS AND SUPPLY CHAIN MANAGEMENT

DESIGNED FOR YOUR BUSY SCHEDULE

The graduate program is built on a foundation of dynamic, problem-based learning, where student-centric experiences are combined with state-of-the-art supply chain best practices and corporate involvement.

The M.S. is 48-quarter-credit-hour program. Of these, eight credit hours are dedicated to an extensive capstone project designed for the program participant by his/her sponsoring organization in cooperation with a faculty mentor. The remaining 40 credit hours are used for informative and dynamic course work offered in the following five supply chain domains:

- Supply chain strategy
- Crafting supply chain network architectures
- Measuring and benchmarking supply chain performance
- Advanced supply chain technologies
- Managing relationships within the supply chain

Topics from these domains are reinforced in the capstone project, in which students build on content learned in course work in completing a project within their organization that is planned and executed during the program. At the end of the project, the students present their project accomplishments to a panel of industry leaders and sponsoring organizations.



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LOGISTICS AND SUPPLY CHAIN MANAGEMENT

IT'S EASY TO APPLY

The application deadline for the Master of Science in Logistics and Supply Chain Management Program is November 15 of each year. Early applications are encouraged.

APPLICATION REQUIREMENTS INCLUDE:

- Three years of experience in logistics, operations management, technology, or a related field
- In- or on-track to assume a role of senior professional responsibility
- Bachelor's degree (GPA requirements)
- Three professional references

TYPICAL PROGRAM PLAN

Session 1: Mid-January Residency 1

MS 788: Basics of Supply Chain Management

MS 790: Demand Management & Forecasting

Session 2: Late March Residency 2

MS 793: Supply Chain Operations

MS 791: Benchmarking & Performance Metrics

MS 794: Lean Supply Chain Management

Session 3: Mid-July Residency 3

MS 795: IT & Supply Chain Management

MS 798: Supply Chain Collaboration

MS 796: Strategic Sourcing

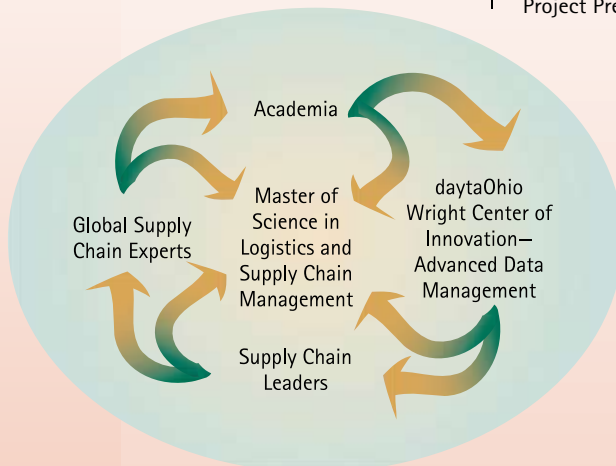
Session 4: Late October Residency 4

MS 792: Supply Chain Network Design

MS 797: Global Supply Chain Management Strategies

Session 5: Early January

Project Presentations & Hooding Ceremony



ACCREDITED EXCELLENCE



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LOGISTICS AND SUPPLY CHAIN MANAGEMENT



Frank Ciarallo Associate Professor, Department of Biomedical, Industrial, and Human Factors Engineering. Frank received both his M.S. in manufacturing and operations systems (1988) and his Ph.D. in industrial administration (1993) from the Graduate School of Industrial Administration at Carnegie Mellon. He was on the faculty of Systems and Industrial Engineering at the University of Arizona, as well as a visiting professor at the University of California-Berkeley, in the Haas School of Business.



Ray Hill Professor, Department of Biomedical, Industrial, and Human Factors Engineering. Ray received his B.S. in mathematics from the Eastern Connecticut State University in 1983, his M.S. in operations research from the Air Force Institute of Technology in 1988, and his Ph.D. in industrial engineering from The Ohio State University in 1996. He has conducted research for the Air Force Research Laboratory, the Defense Modeling and Simulation Office, the Unmanned Aerial Vehicle Battlelab, and Headquarters Air Force.



S. Narayanan Professor and Chair, Department of Biomedical, Industrial, and Human Factors Engineering, College of Engineering and Computer Science. He received his Ph.D. in industrial and systems engineering from the Georgia Institute of Technology, Atlanta. He directs the interactive systems modeling and simulation lab at WSU, where his research focuses on aiding human decision making using computer models. He has published 70 technical articles and directed sponsored activities of over \$7 million from federal, state, and industrial agencies. He is a registered professional engineer in the State of Ohio.



Paul Nuzum President, Supply Chain Insights; Adjunct Instructor, Supply Chain, University of Denver. Paul has been assisting leading organizations for over 25 years to achieve strategic supply chain advantage in areas including supply chain systems, supply chain technology, and supply chain transformation. Paul is active in the application of Radio Frequency Identification (RFID), voice, GPS, satellite, and visibility technologies to global supply chain operations.



George G. Polak Associate Professor, ISOM Department, Raj Soin College of Business. George holds a Ph.D. in Mathematics from Carnegie Mellon and completed a Postdoctoral Fellowship in Quantitative Analysis and Operations Management in the College of Business Administration at the University of Cincinnati. His research interests include machine scheduling and combinatorial optimization as well as supply chain modeling and optimization.



James W. Hamister Assistant Professor, ISOM Department, Raj Soin College of Business. He holds a Ph.D. from The State University of New York at Buffalo and an MBA from Cornell University, and a Bachelor of Science in Mechanical Engineering from General Motors Institute. Hamister has 15 years of industry experience in manufacturing management. His research focuses on the interface between marketing and operations management. Ongoing research involves the study of supply chain management initiatives in retail organizations and Six Sigma quality improvement initiatives. He has published in *The International Journal of Production Engineering* and *The Proceedings of EurOMA Conference*, as well as conference presentations for the Production and Operations Management Society and the Decision Sciences Institute.



Vikram Sethi Professor, Department of Information Systems and Operations Management, Raj Soin College of Business. Vikram primarily works in the area of global information systems and organizational transformation. His research has spanned multiple aspects of transnational operations, including information systems design, process improvement, offshore operations and systems, and developing strategies for human capital management. Vikram earned his Ph.D. from the University of Pittsburgh.



LOGISTICS AND SUPPLY CHAIN MANAGEMENT



Kate Vitasek *Founder and Managing Partner, Supply Chain Visions.* Kate is a thought leader in the area of supply chain management and is a well-recognized authority on performance management and metrics implementation. Kate's approaches to performance management have been widely published; she has authored articles in the *Journal of Business Logistics, Supply Chain Management Review, Inside Supply Management, Distribution Business Management Journal, The Manufacturer, CLM's Logistics Comment, and APICS Performance Advantage.* Kate has worked for P&G, Kroger, Accenture's Logistics Strategy Practice, Microsoft and Modus Media International, a global 3PL.



Xinhui Zhang *Assistant Professor, Department of Biomedical, Industrial, and Human Factors Engineering.* Xinhui received his B.S. and M.S. in mechanical engineering in Huazhong University of Science and Technology, China. He obtained his Ph.D. in operations research and industrial engineering at the University of Texas at Austin in August 2003. He has wide experience in solving practical large-scale optimization problems and is the primary investigator or key developer in several multi-million projects such as the airline crew scheduling and recovery problem, and the advertisement allocation project for television networks.

PROGRAM FELLOWS



Pete Callaro, *Senior Vice President, Business Development, Motherson Sum Infotech & Design*



Shakti Jauhar, *Director, Human Resources, PepsiCo*



Bruce Cross, *Executive Vice President, Merchandising, Nash Finch Company*



David Maley, *Vice President of Sourcing, Kohl's Department Stores*



Chris Gates, *Marketing and Business Development IT Leader, GE Transportation*



Jim McGrane, *Retired, MeadWestvaco*



Chester Harris, *Ph.D., Chief Technology Officer, Department of the Air Force, Headquarters Air Force Materiel Command, Wright-Patterson Air Force Base*



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INDUSTRY EXPERTS CONTRIBUTE TO OUR UNIQUE ACADEMIC-PRACTITIONER MODEL

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