

The Changing Face of Supply Chain Education

Presented by:





Steve DeNunzio

*Senior Lecturer - Max M. Fisher College of
Business Distinguished Teaching Fellow*
The Ohio State University



Jeremy Banta

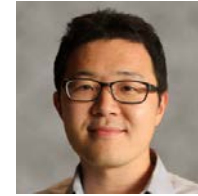
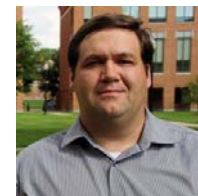
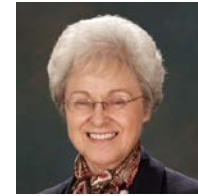
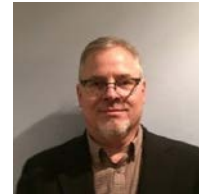
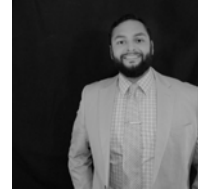
*Assistant Professor/Program Coordinator
Supply Chain Management*
Columbus State Community College



Degree Offerings

- Bachelors
 - Logistics Management
 - Operations Management
- Masters
 - MBA with Specialization in Operations & Logistics
 - Masters in Supply Chain Management
 - Master of Business Operational Excellence
- Doctorate/PhD

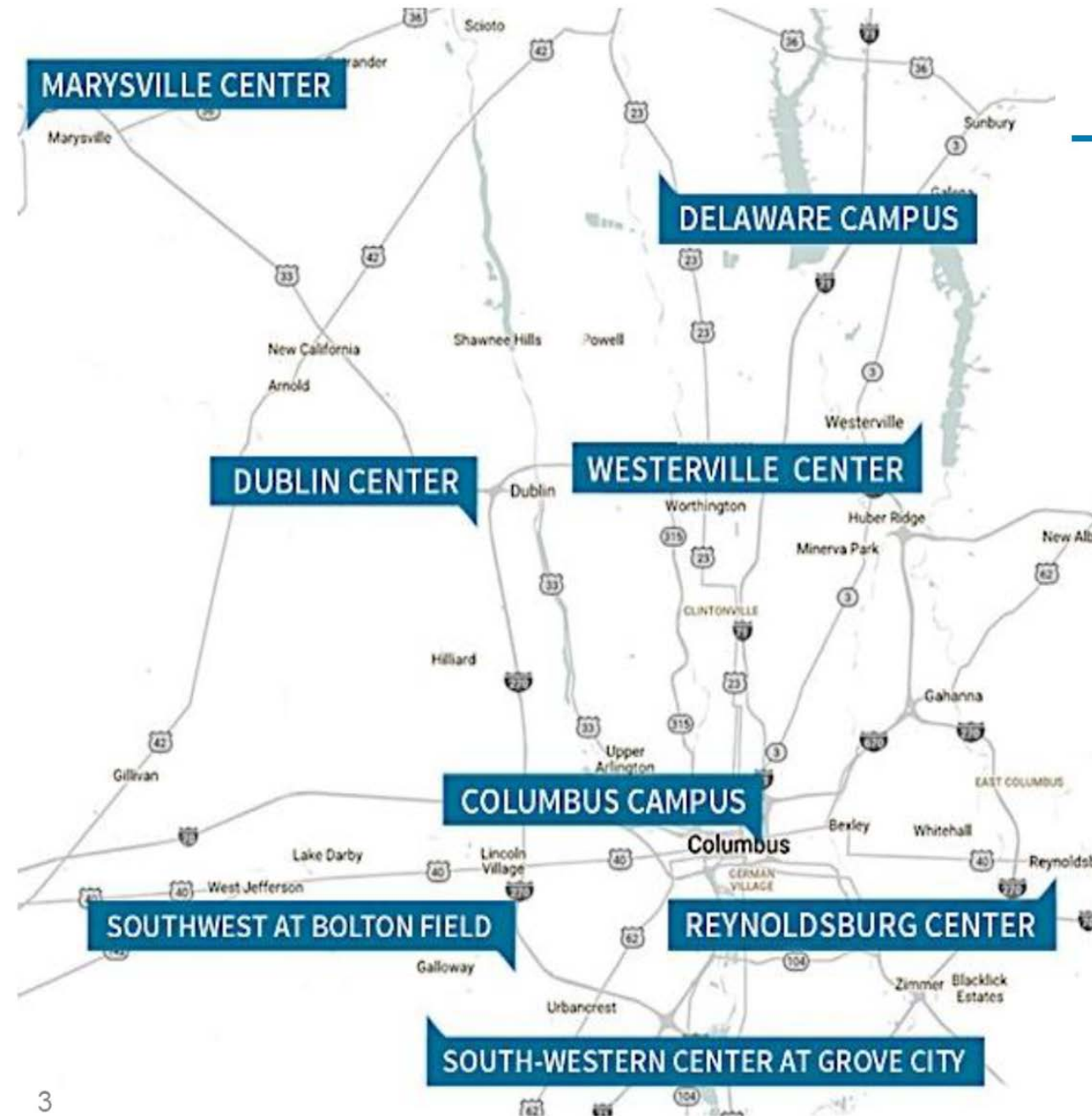




COLUMBUS STATE

COMMUNITY COLLEGE

- 45,000+ full- and part-time students
- Diversity: More than 130 countries are represented in our student body
- Most of our students are part-time and currently working
- Largest represented age groups within the student body – ages: 17 & younger, 18-19, 20-24 and 25-29
- A net importer of talent, serving students from all 88 Ohio counties.
- Two campuses and six regional locations
- 2+2 and 3+1 baccalaureate pathways are preferred option for managing student debt with more than 200 transfer opportunities and guaranteed admission to many institutions





Degree and Certificate Offerings

COLUMBUS STATE

COMMUNITY COLLEGE

SUPPLY CHAIN MANAGEMENT

Supply Chain Management* – Associate of Applied Science

SCM International Commerce* – Associate of Applied Science

Logistics Engineering Technology – Assoc. of Applied Science

Supply Chain Management* – Certificate

SCM International Commerce* – Certificate

Supply Chain Management Principles
Transportation & Traffic Management
Warehouse Management
Inventory Management
International Commerce
IT in Logistics
Strategic Procurement
International Shipping
Import/Export Regulations & Compliance
Transportation Rates & Claims
Procurement Planning & Negotiation
Performance Management

*Can be done 100% On-Line



Program Enrollment and Data

Estimated 80% of SCM/LET Students are “Working Adults”

- Half currently working in SCM related position (est.)
- More than half are Women/Minority/Foreign
- Many students take 1-2 classes, on and off, mostly on-line
- Represent all five generations

Enrolled students taking classes in last 6 semesters:

- SCM AAS - 128 students
- LET AAS - 48 Students
- SCM Int’l Commerce AAS - 12 students
- SCM Certificates - 27 students



Student Work Experience

- Internships
- Modern Manufacturing Work Study



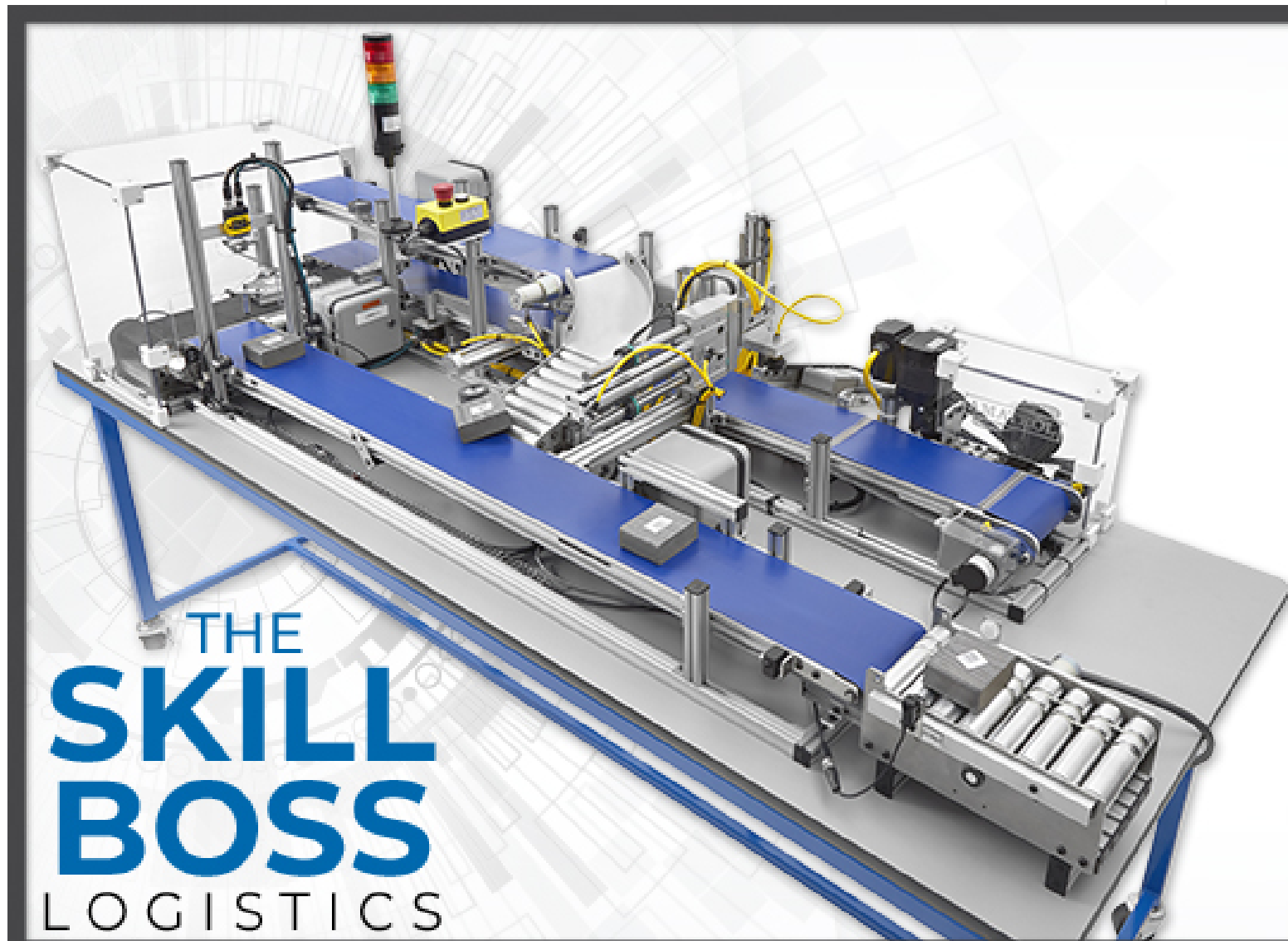
- Macy's Logistics
- FST Logistics
- Honda/HLNA
- ODW Logistics/ODW LTS
- Amazon
- Franklin County EMA (Volunteers)
- Nationwide Children's Hospital
- Cardinal Health
- TS Tech
- Mid-Ohio Market (Volunteer)
- Military Veteran's Resource Center (Volunteer)
- Kimball Midwest
- Crane Worldwide Logistics
- Shiseido America
- UPS
- Torrid
- SK Foods
- Sam's Club
- Condato's Tacos
- Spartan Logistics
- Franke Foodservice Supply
- Grote Company
- Lincoln Electric

Bridging the Gaps

- Textbooks can't keep up!
 - Guest Speakers
 - Current Events
 - Events, Webinars, Tours
- Faculty Involvement
 - Chris Dennis – MEP, Center for Manufacturing Excellence
 - Jeremy Banta – Columbus Chamber Board of Directors, WERC Advisory Board, CSCMP Academic Strategies Committee
- Advisory Boards



CERTIFIED TECHNICIAN-SUPPLY CHAIN
AUTOMATION & SKILL BOSS LOGISTICS



THE
**SKILL
BOSS**
LOGISTICS



Columbus State *SMART Mobility* Interfaces (As of Jan 2021)

Columbus competed against 77 cities nationwide to win the Smart City Challenge in 2016. The grant was \$40 million from the U.S. Department of Transportation and \$10 million from Vulcan, Inc

“Transportation is not just about roads, transit and ride sharing. It’s about how people access opportunity. And how they live.” – Mayor Andrew J. Ginther





CSCC – Nat’l Science Foundation Grant Activity

ATE Alternative Energy Automotive Technicians

ATE Cybersecurity (closed)

ATE Increasing Technician Preparedness in the Built Environment

ATE Logistics Engineering Technology (LET) (closed)

ATE Modern Manufacturing Work Study (MMWS) (closed)

ATE Additive Manufacturing Summer Institute (AMSI)

ATE Data Analytics Technician Advancement (DATA)

ATE Logistics Engineering Technician Work Study (LETWS)

ATE Strengthening Mobile Application Resources and Technician Training (SMARTT)

ATE Manufacturing Experiential Advancement Readiness Network Project (EARN)

ATE Collaboration Of Midwest Professionals for Logistics Engineering Technology Education

ATE Building an Industry-Aligned Pathway to Careers in Cloud Computing Project



*The Ohio Supply Chain Academic Network
is a collaboration between the supply chain industry and higher education.*

*O·SCAN promotes the value of supply chain education
and advances the field by integrating emerging technologies
from the logistics industry into academic curricula.*



This material is based upon work
supported by the National Science
Foundation under Grant No.
14000452.



A deliverable on a National Science Foundation Grant regarding the development of an “academic network” led to the creation of the Ohio Supply Chain Academic Network.

Faculty from *Columbus State Community College* and *The Ohio State University* collaborated to develop the organization, create its mission, and recruit its members.



THE OHIO STATE UNIVERSITY

FISHER COLLEGE OF BUSINESS

COLUMBUS STATE

COMMUNITY COLLEGE



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Thank you for joining us! This Session Will Begin Shortly.

Career Conversation Logistics and Supply Chain Management

Featuring

Tom Clements, Supply Chain Advisor, **CBUSRetail.org**
Brandon Shook, Supply Chain Planning and Analytics
Manager, **L Brands**
Melinda Hart, Industrial Engineer, **Fanatics Inc.**
Nathan Poore Jr., Field Transportation Lead, **Amazon**



Proudly supported by:



Please join us for a meeting of the

Ohio Supply Chain Academic Network

Monday, November 4, 2019
Dublin Integrated Education Center Room 245
Ohio University at Dublin
6805 Bobcat Way, Dublin, OH 43016
9:30-11:30 am
RSVP: tinyurl.com/OSCAN11-4-19

Featured Speaker:

Doug McCollough
Chief Information Officer
City of Dublin



The Ohio Supply Chain Academic Network

is a collaboration between the supply chain industry and higher education. O-SCAN promotes the value of supply chain education and advances the field by integrating emerging trends and technologies into supply chain curricula.



Please join us for a meeting of the

Ohio Supply Chain Academic Network

Tuesday, February 4, 2020
168 Fisher Hall
Franklin University
201 S Grant Ave, Columbus, OH 43215
9:30-11:30 am
RSVP: tinyurl.com/OSCAN2-4-20

Featured Activity:

OSCAN Compression Planning

Led by Josie Newman
Program Coordinator—Grants Office
Columbus State Community College

McNellis Comp
is a m
by McNellis to streamline gr
and problem solving in orde
meaningful action. Using de
and visuals to ensure all void
represented, the team leave
Planning with an actionable

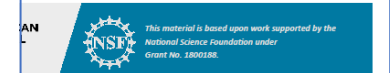
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Join us for the inaugural meeting of the
Ohio Supply Chain Academic Network
Monday, May 20, 2019
Columbus State Community College
Conference Center
9:00-11:00 am
RSVP: lkyle@csc.edu

Ohio Supply Chain Academic Network:
is a collaboration between the supply chain industry and higher education. O-SCAN promotes the value of supply chain education and advances the field by integrating emerging trends and technologies into supply chain curricula.

- Collaborate with industry educators, professionals, and solution providers in Central Ohio regarding issues in Supply Chain Management (SCM).
- Assist in the development of SCM educational strategy at Ohio High Schools, Colleges, and Universities.
- Identify future career impacting trends and technology disruptors in the SCM industry.



OSCAN MEMBERS:
Ohio Supply Chain Academic Network



Abbott



CardinalHealth



MID-OHIO REGIONAL
MORPC
PLANNING COMMISSION



COLUMBUS
REGIONAL AIRPORT AUTHORITY



Honda Logistics



OHIO
UNIVERSITY



DSW
DESIGNER SHOE WAREHOUSE®



Abercrombie & Fitch

Drive  **Ohio**

The Future of Smart Mobility

COLUMBUS
CHAMBER
OF COMMERCE

Lbrands
VICTORIA'S SECRET / PINK
BATH & BODY WORKS



CAREER PATHS

Find What Interests You



Warehouses, Distribution & Fulfillment



Logistics, Operations & Transportation



Procurement, Import & Export



Supply Chain Management & Automation



Administration, Consulting & Corporate Planning



Artificial Intelligence, Internet Technology & Robotics



DO WHAT YOU LOVE

Explore Career Paths & View Salaries in Supply Chain Management

LEARN MORE NOW



For More Information or to Become a Member

Contact:

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JEREMY BANTA

Assistant Professor of Supply Chain Management
Columbus State Community College
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GET IN TOUCH NOW

Logistics & Supply Chain Management Pathways in Ohio

What is Logistics? What is Supply Chain Management? While the terms are used interchangeably, they are different!

Logistics is the physical movement of goods. From raw materials all the way to the final product going to the customer, everything needs moved. And logistics is not just the transportation part. It's the shipping, storage, counting, picking, packing, shipping...and all the functions that make that movement happen.

Supply Chain Management (or SCM) is all the other functions that make logistics work! Procurement, planning, importing, exporting, administration...the entire chain of activities that get goods to customers.

Careers in Logistics and SCM: There are a tremendous variety of jobs in this industry. Many other career fields overlap, and you can specialize in one area, or learn many! You can work in one specific industry or use your knowledge to have a diverse career. Everything needs moved!

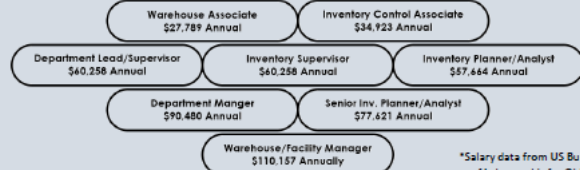
Consumers are ordering online more than ever, and technology is allowing deliveries to happen faster than ever before. Companies can order their goods online as well and the demand for Logistics and SCM has never been higher.

Follow your passion! Are you interested in retail? Maybe you like to do programming? Are you good with your hands? Are you a natural leader? Can you sell things? Do you like to crunch numbers? Maybe you're excited by manufacturing? All of these can lead to a very successful career in Logistics and Supply Chain Management!

Logistics and SCM Career Paths: The samples provided here are just the basic career paths one may find in the industry. The great thing about Logistics and SCM is the principles apply no matter the product. You can move along one specific career path, or jump to another if the opportunity arises, or if you just want to learn something new!

Most Logistics and SCM Career Paths can be entered with no experience, no formal training, or education. Each step up will take a few years' experience and training, and some formal education. Industry recognized credentials, associates and bachelor's degrees, and advanced degrees will help you advance, especially if they are in Logistics, Supply Chain Management, Operations, or a related business area.

Warehouses, Distribution & Fulfillment Centers



*Salary data from US Bureau of Labor and is for Ohio as of May 2020

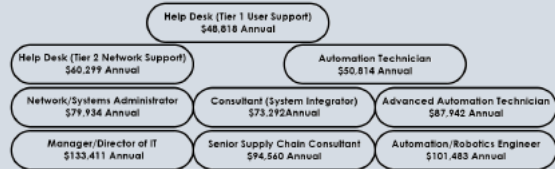
Operations & Transportation



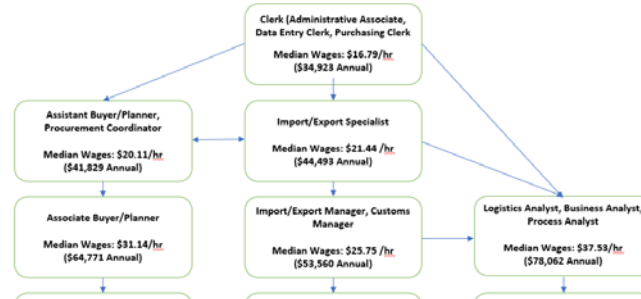
Procurement, Import/Export, Corporate Planning



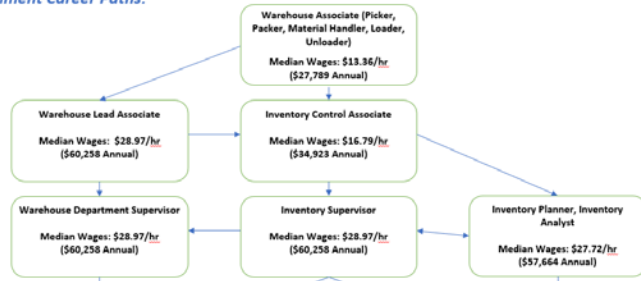
Supply Chain Automation, Technology, Consulting



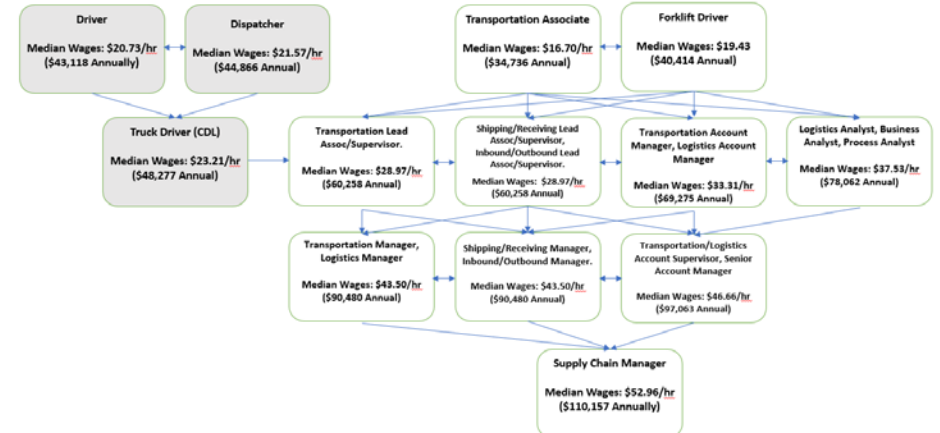
SCM Procurement, Import/Export, Corporate Planning Career Paths:



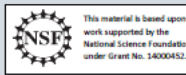
SCM Fulfillment Career Paths:



SCM Operations & Transportation Career Paths (Extended Version):



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DSW "Virtual Fieldtrip"

2 views • 1 day ago

A "virtual fieldtrip" for the DSW Fulfillment Center in Columbus, Ohio.

LINK TO VIDEO:

https://youtu.be/qY_pWsucgP8?si=hyZGQ070XUA0ADK9



Other Regional Institutions

- Franklin University
 - B.S. Operations & Supply Chain Management
- Denison University
 - Denison Edge Certificate Program – Supply Chain Management
 - Free to students in the “Ohio Consortium for Transfer Pathways to the Liberal Arts”
- Ohio University
 - Bachelor of Science in Technical Operations Management (BSTOM)
- Ohio Dominican University
 - Supply Chain Management Minor & Certificate Program
- Western Governor’s University
 - B.S. in Supply Chain and Operations Management (BSSCOM)



Other Great Local Organizations

- Council of Supply Chain Management Professionals (CSCMP)
 - CSCMP.org
 - columbusroundtable.org
- Association for Supply Chain Management (ASCM)
 - ascm.org
 - columbus.ascm.org
- Columbus Region Logistics Council (CRLC)
 - columbus.org/about/councils/columbus-region-logistics-council
- Columbus Logistics Breakfast Club
 - columbuslogisticsbreakfastclub.com
 - Inlattorneys.com/columbus-logistics-breakfast-club

How to Get Involved!

- Get Involved with Local Schools (High Schools, Colleges & Universities)
 - Join Advisory Boards
 - Offer to Guest Speak
 - Host tours
 - Provide in-kind donations (Time, Software, Hardware, Funding...)
 - Offer internships, micro internships, and job shadowing.
 - Sponsor Activities (Case Competitions, Meetings, Events)
- Host Info Sessions at High Schools, Colleges & Universities
- Recruit at Local High Schools, Colleges & Universities
 - Consider Dedicated Recruiting Teams
- Attend CSCMP, ASCM, CRLC, CLBC and Other Organization Meetings
- Be a Mentor!

Contact Us!



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