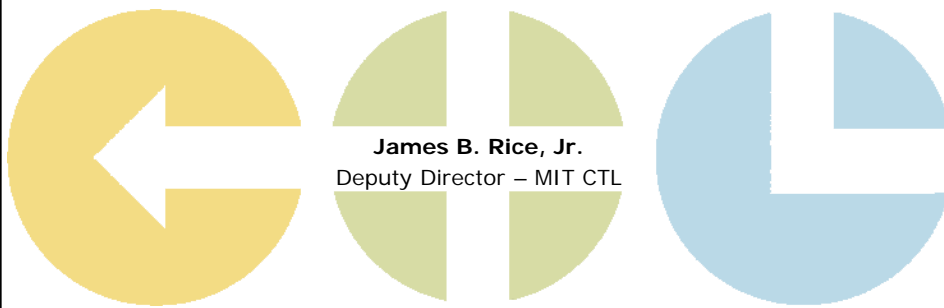




MIT Center for Transportation & Logistics

Supply Chain Management: Driving Strategic Advantage

MIT CTL Executive Education Course
January 17, 2017



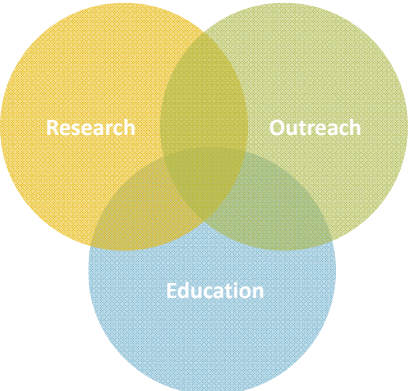
Overview

- Center for Transportation and Logistics (CTL)
- Exec Ed Program Overview

What is MIT CTL?



“Create supply chain innovation and drive it into practice.”


- \$15M Research Budget
- 15 Full-Time Researchers
- 20+ Active Research Projects
- 60+ Faculty & Researchers Across MIT




- 3-Tier Partnership Model
- 50 Member Companies
- Industry-Driven Workshops & Symposia

- Supply Chain Management Program
- Massive Online Open Courses
- Executive Education
- PhD in Logistics



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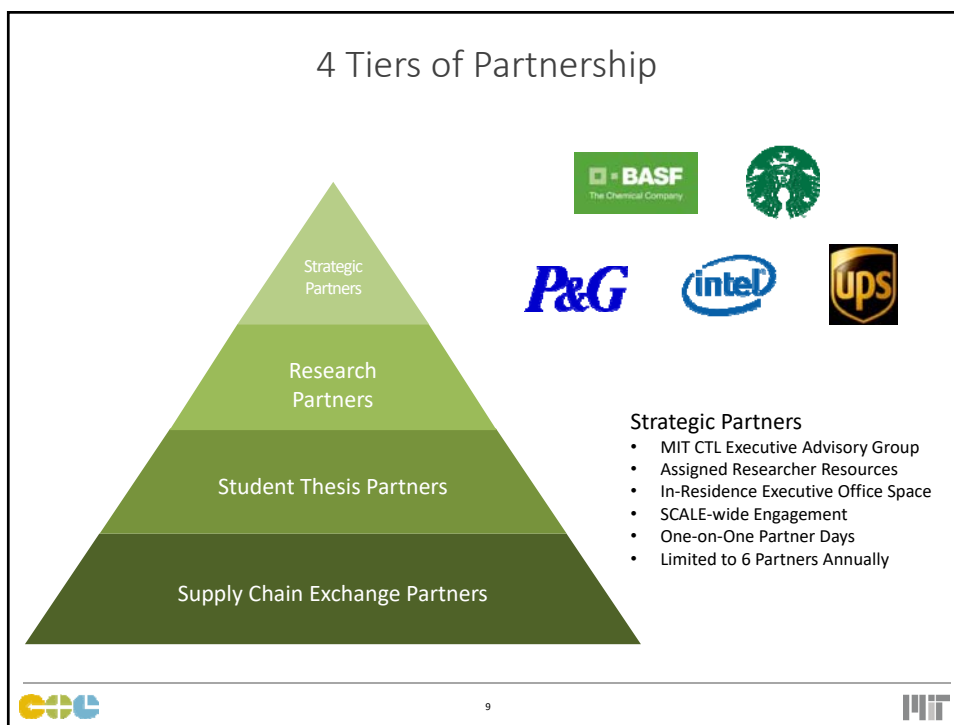
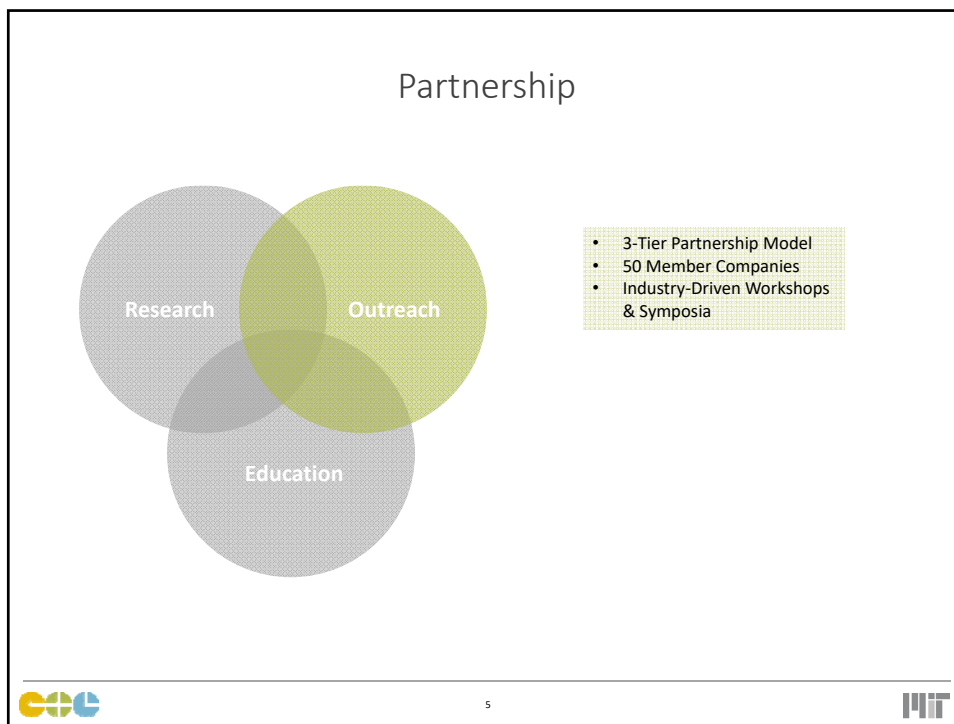
MIT GLOBAL SCALE NETWORK
Supply Chain And Logistics Excellence



- 6** Centers of Excellence
- 10+** Educational Programs
- 80+** Researchers & Faculty
- 150+** Corporate Partnerships
- 117+** Current Students
- 1000+** Alumni Worldwide
- 1 Global Network**




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Engagement Opportunities




Attend Events



Use CTL Resources



Sponsor Research



Generate Event Ideas



Hire Students



Leverage SCALE



Educate Executives




Sponsor a Thesis



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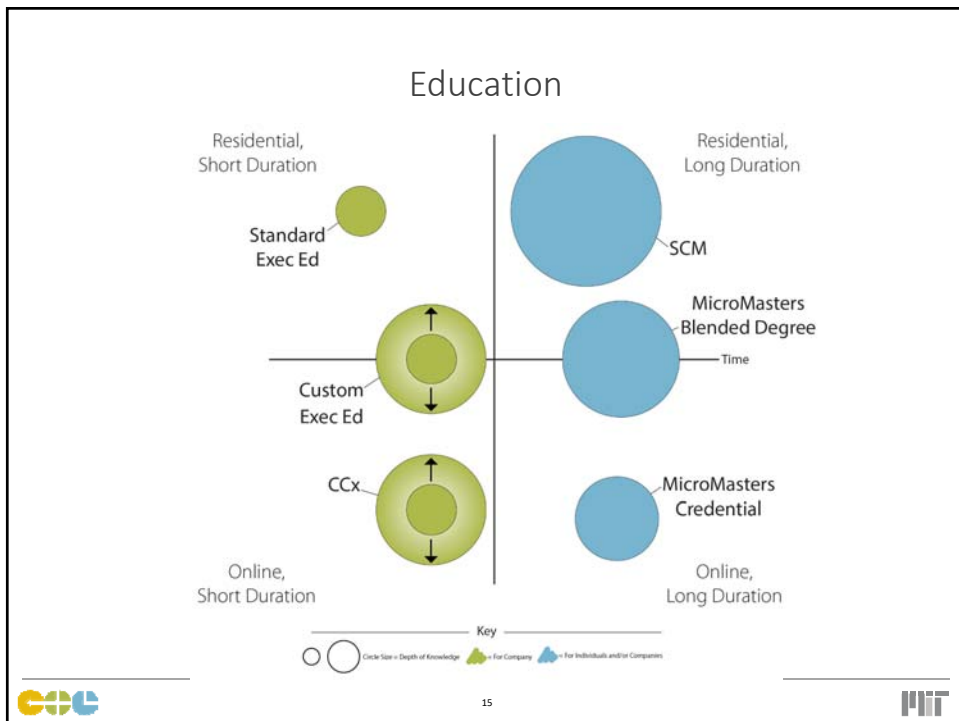
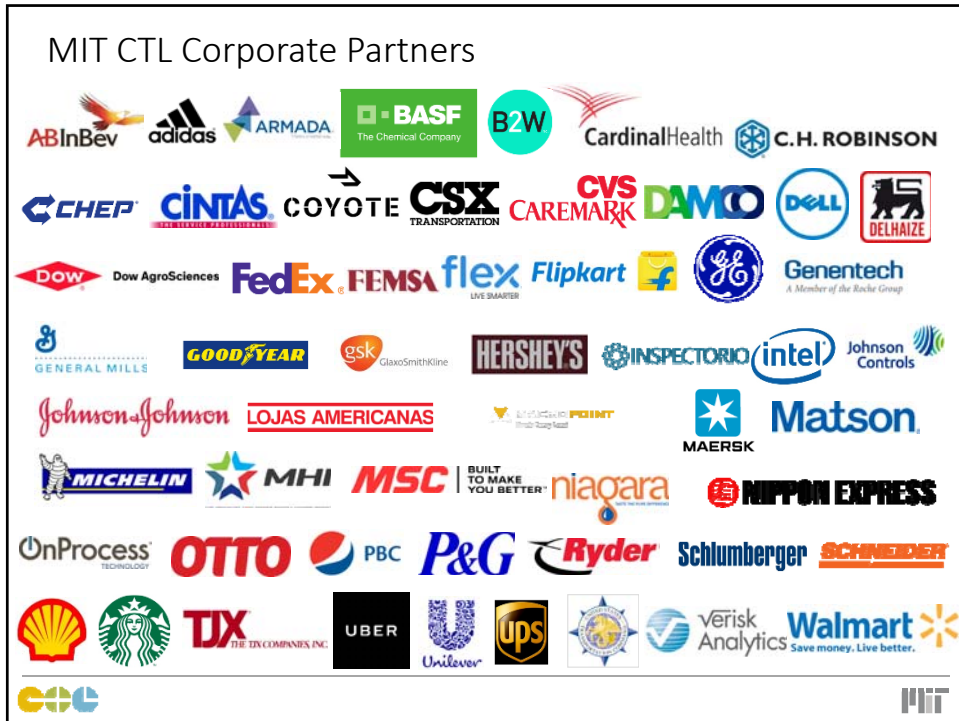

Recent & Upcoming Events

Oct 6, 2016	Roundtable	SCE Event – Transportation Innovation Roundtable
Nov 3, 2016	Roundtable	SCE Event – Omni Channel Distribution Roundtable
Nov 30-Dec 1	Exec Ed	Executive Education – Supply Chain Financial Analysis
Jan 17-20, 2017	Exec Ed	Executive Education – Supply Chains Driving Strategic Advantage
Jan 25, 2017	Conference	SCALE Research Expo 2017 – Thesis project reviews by all SCALE students
Apr 3, 2017	Roundtable	SCE Event – Annual Partner Meeting
Apr 4, 2017	Conference	12 th Annual Crossroads Conference
May, 2017	Conference	SCM ResearchFest
Jun 13-16, 2017	Exec Ed	Executive Education – Supply Chains Driving Strategic Advantage




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See <http://ctl.mit.edu/events> for current information.





MIT Supply Chain Management Program

<p>Pioneering Program Founded in 1998</p> 	<p>Short & Focused 10-month program</p> 
<p>Focused Cohort 35-40 students per year 3-8 years of experience</p> 	<p>Industry Engagement Industry partners involved in thesis projects</p> 
<p>Global Perspective Integrated with MIT Global SCALE Network in Colombia, Spain, and Malaysia</p> 	<p>Embed Problem Solving & Leadership Skills Combine theory & practice Negotiate, persuade, communicate</p> 


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MicroMasters and Blended Masters in Supply Chain Management

MicroMasters



Analytics
SC0x



Fundamentals
SC1x



Design
SC2x



Dynamics
SC3x



Technology
SC4x



Capstone Exam



Credential offered by MITx and edX



Application to MIT Blended Master's





Five month residential
program
culminating in MEng degree







Executive Education: SC Management Driving Strategic Advantage

Four-day program; January & June; Fast-paced, Interactive

Beer Game

SC Financial Analysis

Resilience Simulation




Omni-Channel Distribution

HBS Cases

Global Simulation

Scenario Planning

SC Strategy




SC Risk Management


Working Capital Exercise



Traceability & Sustainability

Last Mile Logistics



SC Leadership




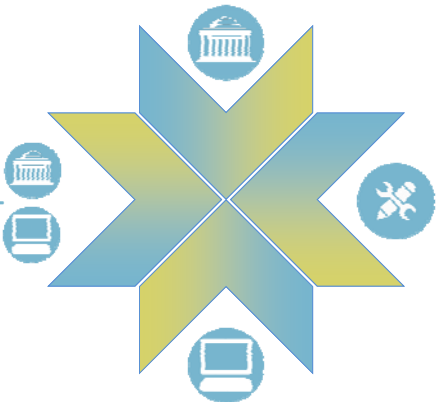

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Supply Chain Executive Education


Standard Executive Education
Every January and June we offer a 4-day, intensive course featuring simulations, case studies, interactive lectures, and discussions by distinguished MIT lecturers and faculty.

Blended Executive Education
We partner with you to develop an online component that is made available to students prior to the course.








Custom Executive Education
We partner with your organization to develop a course around specific issues crucial to company goals.



Custom Online Executive Education
An online learning space, built on demand and customized to your organization's needs.




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Exec Ed Program Overview

- Center for Transportation and Logistics (CTL)
 - Part of School of Engineering
 - CTL Supply Chain Exchange: shippers, carriers and 3PLs
- Structure
 - Two parts: Current Dynamics and Strategic Future
 - Daily mix of cases, interactive exercises, some lectures, optional research briefs
- Course binder:
 - Online HBSP, course url <http://ctl.mit.edu/jan2017>
 - Bios, copies of materials, some adds during the course
- Logistics
 - Turn off phones
 - Safety review
 - Introduce CTL Staff

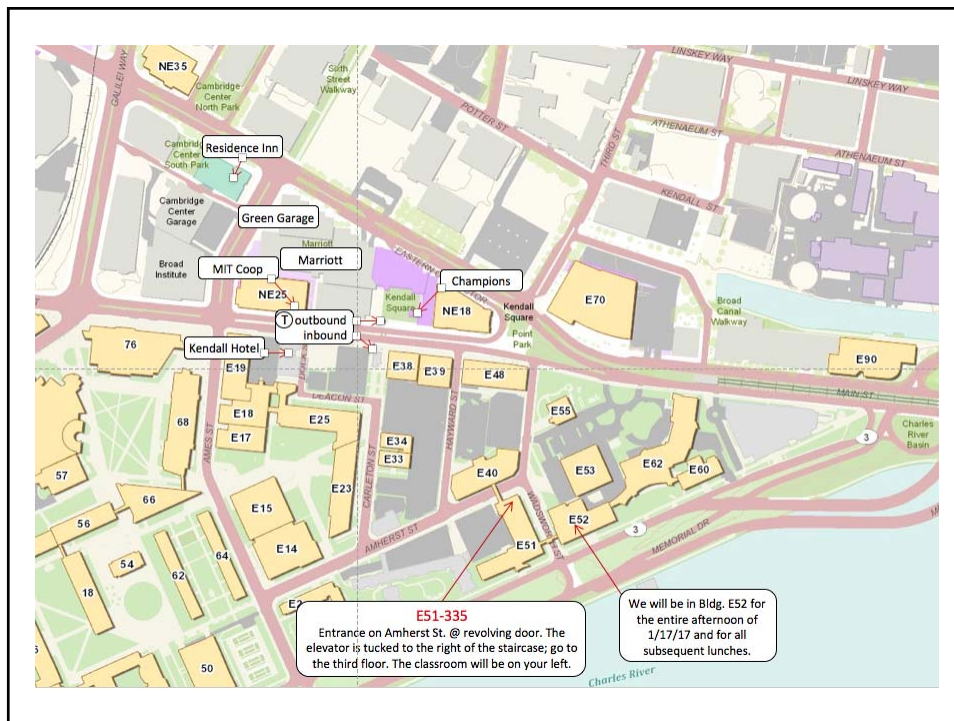
SC Management: Driving Strategic Advantage

- Tuesday:
 - E51-335 & Samberg
 - Introduction & Ice Breaker
 - Case Discussion – Halloran Metals Case: Jonathan Byrnes
 - Beer Game: Dr. Josué Velázquez
 - Beer Game Debrief: D. Roberto Perez-Franco
 - Journal
 - **Adjourn 5:00 pm**
 - Reception at Champions (Marriott) – **hard stop at 7 pm.**
- Wednesday:
 - E51-335
 - Supply Chain Financial Analysis: Dr. Jarrod Goesntzel
 - Financial Simulation
 - Supply Chain Risk Management: Jim Rice
 - SC Resilience SCREAM Exercise: Josué Velázquez
 - Case Discussion – Walmart Case: Jim Rice
 - Journal
 - **Adjourn 5:10 pm**

SC Management: Driving Strategic Advantage

- Thursday
E51-335
 - SCM Introduction & info on recruiting: Sue Wang
 - SCREAM Debrief: Josué Velázquez
 - Omni-Channel Distribution: Dr. Eva Ponce
 - Last Mile Logistics: Dr. Matthias Winkenbach
 - Case Discussion – Apple Case: Jim Rice
 - Global Supply Chain Business Case Simulation: Jarrod Goentzel
 - Journal
 - **Adjourn 5:10 pm**

- Friday
SAMBERG
 - Global SC Simulation Debrief: Jarrod Goentzel
 - Sustainable Supply Chains: Josué Velázquez
 - Future Freight Flows: Dr. Chris Caplice
 - The Future of Supply Chain Management: Prof. Yossi Sheffi
 - Journal & Summary
 - **Adjourn, followed by lunch 12:30 pm**



Getting the most out of the course.....

- Read the cases in advance of class.
- Bring laptops and power supplies Wed & Thurs
- Build your network, get to know all the other participants and the instructors.
- Share experiences with othersbut
 - This session includes discussions among various stakeholders in global supply chains (e.g. shippers, carriers, forwarders, 3PLs). Our focus is on education, and we explore and understand how each of us can improve our overall global supply chains. Participants should not sell their services or discuss pricing, costing, rate, tariff or other confidential information here.

Learning Journals

The purpose of the learning journal is to provide you with a live picture of your growing understanding but also to give you a record of your thoughts to draw on after the course is over.

Things to think about

- Flashes of Inspiration
- Key takeaways
- Things that you found puzzling
- Feelings you experienced during action learning opportunities.
- What new knowledge skills or understanding have you gained?
- Have you identified any next steps for development?
- Have your opinions or understandings changed during the course?



ICE BREAKER BINGO

LET'S GET TO KNOW EACH OTHER





The Rules:

- Each person will be given a sheet of paper with a series of descriptions. They must find a person in the group that fits the description and write that person's name on the line. They can only use one person for one of the boxes – cannot use the same person for multiple descriptions.
- Fill as many as you can in 10 minutes. Try not to rush and have a conversation about the topic.
- At the end of the 10 minutes, the person who has the most filled in raises their hand. Then they go through each description, read the name, and see if they remember who that person is. Must confirm that they had different people and are correct.

