

Fall 2015

University of Illinois at
Chicago

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Center for Supply Chain
Management and Logistics
COLLEGE OF BUSINESS ADMINISTRATION



A Message from the Director

The Diverse and Changing Issues of Supply Chain Management and Logistics

By Dr. Anthony Pagano

The Colleges of Business Administration, Urban Planning and Public Affairs, and Engineering came together to spearhead the creation of The Center for Supply Chain Management and Logistics at The University of Illinois at Chicago. Each college brings an important dynamic to the multifaceted nature of supply chain and logistics. It is a highly collaborative and interdisciplinary Center, committed to bringing a cross-sector group of people together to bear upon the important issues now facing supply chain and logistics. To deepen this commitment, we banded together renowned leaders in Chicago's supply chain management and logistics world to form a Business Advisory Board. While they will advise The Center's growth, they also allow The Center to keep its "finger on the pulse" of industry progression and issues locally and on a global level. This expertise will not only inform our interdisciplinary efforts to create relevant and immediately applicable research for the supply chain and logistics industries, but also provide opportunities for our students at UIC to a more in-depth and pragmatic understanding the mechanism of supply chain 'workplace' and beyond. This academic year is a particularly exciting for the Supply Chain Center, as there is rapid growth occurring as well as initiatives and projects underway, which are opening doors to many more invigorating prospects.

New Business Advisory Board members

Members

(as of January 7, 2015)



Retro CEO

RR DONNELLEY



In September 2013, the Business Advisory Board of the Center for Supply Chain Management and Logistics formally launched. Business leaders from across Chicago’s supply chain management and logistics community have come together to advise and grow the collaborative which pulls together UIC’s College of Business Administration, Urban Planning and Public Affairs, and Engineering.

In November 2014 we had the pleasure of welcoming JB Hunt, TMC and Hub Group onto our Business Advisory Board. We now have a total of 12 Board members and we are currently in the process of electing a Board Chair person.

The Board has not only grown, but also discussed important issues and projects pertaining to the group, and our students. It will continue to provide input and support to the center by providing perspective, review, advocacy, and support for the Center’s strategic direction and overall objectives, including advising the expansion of undergraduate and graduate curriculum and faculty research.



The founding board members of the CSCML’s Business Advisory Board. *Top Row:* Toni Stark, Illinois Tool Works; Bill Seliger, RR Donnelley; Tim Brunke, Retro CEO Consulting; Ken Heller, DSC Logistics; Ryan Kilcullen, James Hardie; Houshang Darabi, CSCML Associate and Associate Professor. *Bottom Row:* Matt Liotine, CSCML Associate and Clinical Associate Professor; and Anthony Pagano, CSCML Director.

Fall 2014 Career and Internship Fair

On Nov 24th 2014, we hosted a Career and Internship fair for graduate and undergraduate students. It was a huge success with **over 70 students** in attendance! The event consisted of five companies coming to UIC to give presentations about Chain Supply Management and how it works on a day-to-day basis at their offices and headquarters. The companies really highlighted what Supply Chain management consisted of, why it is important and how it impacts our daily lives. They effortlessly refined the definition so all who attended knew what Supply Chain was really about.



The evening concluded with great conversations, beverages, snacks and company representatives spending time talking with each individual student about their career goals.

Companies who were in attendance:

-  JB Hunt
-  TranzAct
-  Hub Group
-  Union Pacific
-  DSC Logistics

A big thank you to all who participated, assisted and helped us to make this event such a success!



Our 2015 event is scheduled for November 16 at 4:00 in SCE. Make sure you are there!

Research Updates

Technology in Supply Chain Management

This research, undertaken by the University of Illinois at Chicago's Center for Supply Chain Management and Logistics, involves a two year study which works towards analyzing the recent technological trends in the Logistics and Supply Chain Management space in the United States that are being followed by major corporations. The research will focus first on the vendors/suppliers of the technologies discovered, progressing then to the buyers/users of these technologies, and will include visits to a sample of companies involved.

Current Status

A tentative list of technologies (see images) that show innovation and promise has been prepared. Care has been taken to maintain diversity in the technologies and in the areas of Supply Chain these technologies cater to. The team is focusing research first on the vendors of these technologies. This approach has helped in discovering several related technologies, as vendors possess exclusive knowledge of major trends in the industry and are in a unique position to forecast future patterns and how these relate to current practices.



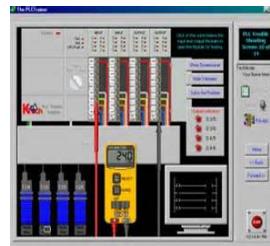
ERP (SAP)



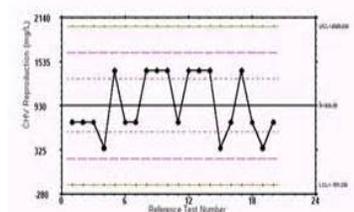
Analytics (HANA, SAS, etc.)

Team members:

- Matt Liotine – Principle Investigator
- Anthony Pagano – Co-Principle Investigator
- Siddhartha Varma Gadiraju – Research Assistant



Simulation (ERPsim, etc.)



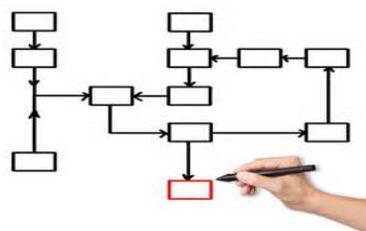
Quality (MINITAB, etc.)



GIS (ArcGIS, Google Maps)



Mobility (Vuzix, Tablets, etc.)



Decision Modeling (SAP SCM, MATLAB, etc.)

Panama Canal Readiness Project

The Panama Canal is currently in the process of a major expansion effort and the new set of locks is due to open this year, 2015. After the new set of locks is opened, significantly larger ships will be able to traverse the Canal thus increasing overall use. The current lock system has been in place for almost 100 years, even though the size of ocean-going vessels has expanded considerably.



This project seeks to estimate the impact of the expansion on US ports specifically focusing on estimating the volume and types of goods that may utilize existing ports and identifying ports including infrastructure, landside connections, and land availability.

Spring 2016 Symposium

Last year we had a very successful and well-attended Symposium where students, Board members, and faculty gathered to discuss important matters such as the Panama Canal project. This year's Spring Symposium will be held in April and has many exciting topics that will be discussed, such as: Risk Management and transport/railroad infrastructure. There will also be some student projects and Board member presentations, all of which will be very helpful and informative. Come along to this very insightful event!



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