

February Update

It's not too late to save on your registration fee for our Spring Symposium! **Register by February 29th and pay only \$250** for Thursday and Friday. Regular pricing starts in March.

Our Mission at The Center for Supply Chain Research@ Lehigh (CSCRL) is to bridge theory and practice to promote a collaborative exchange of ideas on critical issues affecting supply chain management. By leveraging Lehigh's faculty, students, alumni and industry partners, the Center brings the latest developments in research and best practices together to generate new ideas for education and future knowledge in the field of supply chain management.



Visit the CSCR @ Lehigh



SCM Spring Career Fair Get Exclusive Access to Lehigh Supply Chain Students to Fill Your Available Positions and Internships

Wednesday, February 12, 2020
4:30pm-6:30pm
Rauch Business Center

The CSCR @ Lehigh will be hosting our annual Spring Career Fair where we will connect our supply chain majors with our corporate partners. Mark the date and enjoy an intimate evening with our students. Not a corporate partner? Contact Zach G. Zacharia (zg208@lehigh.edu) or Eric Cosnoski (eac296@lehigh.edu) for sponsorship opportunities.

2020 Annual Spring Symposium Demand Driven Supply Chains April 16-17, 2020

FEBRUARY DISCOUNT!

Register Early and Receive \$100 Off the Full-Conference Registration Fee
Pay only \$250 for Thursday and Friday!!!

Enter Code Feb20 at Checkout

Register Now!

The CSCRL Spring Symposium is an opportunity to learn and discuss new insights from industry and academic experts related to the overall theme of Demand Driven Supply Chains. In addition there will be presentations that discuss the specific impact of new and innovative supply chain concepts. What are some factors that enable supply chains to adapt to ever changing demand?

There will also be interactive workshops where participants will have opportunities to learn from each other. Finally, there will be ample opportunities to network at the opening reception, breakfast session, lunch session and closing reception with Industry, Students and Faculty.



Presenter Profile | Jeff Kanterman, NFI Industries

Using AI & Machine Learning Strategies to Focus on Future Demand

Jeff is responsible for the division which provides BPO services (business process outsourcing) through engineering, people, process, and systems. He also supports network engineering, analytics, and freight bill auditing. Jeff is also a Board Member of the CSCRL @ Lehigh.

If you would like to take a greater role in the conference and become a supporter, please contact Zach G. Zacharia (zgz208@lehigh.edu) or Eric Cosnoski (eac296@lehigh.edu) for sponsorship opportunities.

Turning Waste Materials into Valuable Commodities



Stover removed with Hess hay stacker.

Phil Coles, along with researchers from Cornell and The Pennsylvania State University, have just had a paper accepted for publication: "Evaluation of Fresh Mushroom Compost in a Field Corn Production System" in the *Journal of Compost Science and Utilization*. This may seem like a strange journal for someone in the supply chain business, but this is about turning waste products into valuable resources and reducing costs.

Mushroom producers are continually looking for new substrate (compost) raw material sources on which mushrooms can be grown, and pathways to dispose of mushroom compost (formerly called "Spent Mushroom Substrate") after crop completion. A relatively new material used in the mushroom industry is corn stover, but supplies are limited because corn farmers are often reluctant to remove stover from fields because of nutrient loss and possible soil erosion due to reduced soil protection. Mushroom compost is a potential substitute for stover that can provide these same benefits.

In this study the researchers evaluated the potential to improve corn crop yield and soil quality through stover removal coupled with the application of fresh mushroom compost. They removed stover in varying amounts and replaced it with mushroom compost at several rates in order to find the optimal rate for both.

They were able to show that farmers could replace stover with mushroom compost. This has the potential to generate additional income for corn farmers by giving them an outlet to sell stover, while increasing yield through the use of mushroom compost as a soil amendment. In addition, it helps to alleviate a disposal problem for mushroom compost.

This is a lesson we can apply to many areas of the supply chain. Anything that is a waste, that we are going to throw away, or worse, pay to dispose of, should be looked at as a possible resource. Anything you are going to throw away is something you paid for. Always ask: Is there anything that can be done to turn something you are throwing away (waste) into something useful in a different context?



Fresh mushroom compost applied to a test plot.

Join our Community!

WE NEED YOUR HELP! The center is trying to find out what topics and issues you care about and get to know you on a personal level. By connecting with us on LinkedIn and Facebook, you can find out the latest projects we are working on, get involved with the center, and let us know the topics that keep you up at night. We just rolled out a new site so check it out over the next month and send us a friend request. We look forward to improving our relationship!



Thank You for supporting Our Students!



Check our website for the latest news and information on the center.

[CSCR @ Lehigh](#)

Meet Our Affiliated Faculty