Leading Global Innovation:
How to Adapt and Thrive in Global Business with Innovations

About this seminar

Innovations are becoming more and more common in today's business world. There are three types of innovations observed in reality: 1) New trends and requirements in industry, such as sustainability; 2) Significant disaster and risk, such as COVID19, and 3) Technology innovations, such as big data, machine learning, AI, block chain, 3D printing, etc. It is critical for firms to understand why innovations are necessary and how these innovations influence business so that they can adapt and thrive in the global business with innovations. This program aims to help students build the capability of analyzing innovations in business and of finding out the optimal management innovation strategies through a logical and systematic approach.

Who will benefit from this seminar?

This program was designed for executives responsible for operations and supply chain management as well as those who are interested in innovation management strategy.

Learning Outcomes

This program aims to help attendees develop optimal management strategies in order to thrive in the global business with innovations by providing them with a deep understanding about what innovations are and how they influence the business. Upon completion of this program, participants will know how to:

- Understand what innovations are and how to consider innovations in firms' decision-making process.
- Find problems in the current strategies based on data-driven analysis.
- Make appropriate management strategy in consideration of innovations.
- Understand risk and risk management: making management strategy in advance of disaster.
- Apply the skills/theories in real-world business problems through a step-by-step project based on attendees' own organization background.

Additional Program Details

- **Program Format:** flexible, can be in-person, virtual or hybrid
- **Program Length:** 9 sessions (90 minutes each)
- **Pedagogy:** Lecture + Case studies (50% + 50%); Assessment methodology: step-by-step project + assignments (after each new class topic is introduced)
- **Program Agenda:**
  Session 1 +2: Innovations in firms' management strategies + case study.
  Session 3 + 4: Find and solve problems through data and data analysis + case study.
  Session 5 + 6: Risk and risk analysis by anticipating disaster + case study.
  Session 7: Technology innovation and its impacts on business
  Session 8 + 9: Supply Chain cooperation when facing innovations + case study

About the Instructor

Xinghao (Shaun) Yan, Ph.D., is an Associate Professor in Supply Chain Management at the College of Business and Innovation, at The University of Toledo. Prior to joining The University of Toledo in 2016, he was an Assistant Professor at Ivey Business School at Western University.

Dr. Yan's research mainly adopts modelling-based and evidence-based research methods and covers a wide range of topics that include information asymmetry and uncertainty in supply chains, quality contracting, supply chain coordination, supply chain sustainability, healthcare supply chains management, customers' return behavior and manufacturer's operational decision, as well as behavioral operations in supply chain management.

He has published research articles in many journals, including *Operations Research*, *Production and Operations Management*, *Decision Sciences*, *European Journal of Operational Research*, *IIE Transactions on Healthcare System Engineering*, *International Journal of Production, Economics and Omega.*

If you wish to tailor this program for onsite training at your company, please contact Carrie Herr, CFCI Director, by calling 419-530-2037 or via email at carrie.herr@utoledo.edu.