

2023 Early-Career Sustainable Operations Workshop
Isenberg School of Management, UMASS Amherst

FRIDAY, FEBRUARY 24 TH (EASTERN STANDARD TIME)	
6:00 PM	Dinner (Business Innovation Hub)
SATURDAY, FEBRUARY 25 TH (EASTERN STANDARD TIME)	
7:30 AM–8:00 AM	Breakfast (Business Innovation Hub)
8:00 AM–8:30 AM	Welcome Remarks and Introductions
8:30 AM–10:00 AM	<p>Session 1: Emerging Economy Operations</p> <p><i>Business Model Innovation for Ambulance Systems in Developing Economies: “Coordination and Competition” – Andreas Gernert, Andre Calmon, Gonzalo Romero, Luk Van Wassenhove</i> <i>Discussant – Alfonso Pedraza-Martinez</i></p> <p><i>Weaving a Prosperous Future: A Data-driven Approach to Improve Artisans' Productivity – Benjamin Liu, Divya Singhvi, Somya Singhvi, Xinyu Zhang</i> <i>Discussant – Sarang Deo</i></p>
10:00 AM–10:30 AM	Coffee Break (Business Innovation Hub)
10:30 AM–12:00 PM	<p>Session 2: Emerging Issues and Flash Talks I</p> <p><i>Improving Drinking Water Access and Equity in Rural Sub-Saharan Africa – Chengcheng Zhai, Kurt Bretthauer, Alfonso Pedraza-Martinez, Jorge Mejia</i> <i>Discussant – Sang Kim</i></p> <p>Flash Talks I</p> <ol style="list-style-type: none"> <i>Enabling Sustainable Cultivation while Mitigating Malnutrition From India – Sanchita Das, Masha Shunko</i> <i>An Operational Perspective on Microfinancing in Developing Countries – Opher Baron, Elaheh Rashidinejad, Gonzalo Romero</i> <i>Responsible Supplier Sourcing: Revisiting the Roles of Supplier Screening, Auditing, and Deferred Payments – Sanjith Gopalakrishnan</i> <i>Behavioral Biases in Social Audits: An Experiment – Gabriel Pensamiento, León Valdés</i> <i>The Role of Driver Behavior in Moving the Electric Grid to Zero Emissions – Leann Thayaparan, Georgia Perakis</i> <i>Dynamic Valuation of A Battery with Performance Degradation – Joonho Bae, Roman Kapuscinski, John Silberholz</i>

	7. <i>Material Procurement and Circularity for Solar Panels</i> – Nilsu Uzunlar , Alan Scheller-Wolf, Siddharth Prakash Singh
12:00 PM–1:30 PM	Lunch (Business Innovation Hub) Industry Guests: Sanjay Aggarwal (Senior Director of Public Affairs) and Kirsten Young (Director of Sustainability Programs), American Tower Corporation
1:30 PM–3:00 PM	Session 3: Energy <i>The Impact of Climate Change: An Empirical Analysis of Smart Thermostat Data</i> – Michael Blair , Saed Alizamir, Shouqiang Wang <i>Discussant</i> – Owen Wu <i>Privately-Owned Battery Storage - Reshaping the Way We Do Electricity</i> – Christian Kaps , Serguei Netessine <i>Discussant</i> – Volodymyr Babich
3:00 PM–3:30 PM	Coffee Break (Business Innovation Hub)
3:30 PM–5:00 PM	Session 4: Inclusive Operations (Gender Diversity) <i>Going the Distance: The Impact of Commute on Gender Diversity in Public Service</i> – Dawson Kaaua, Vanitha Virudachalam <i>Discussant</i> – Kamalini Ramdas <i>Procurement of Reproductive Health Commodities in LMICs: The Impact of Female Decision-Makers</i> – Amir Karimi, Dwaipayan Roy <i>Discussant</i> – Monideepa Tarafdar
6:00 PM	Dinner (Marriott Center at Hotel UMass)
SUNDAY, FEBRUARY 26 TH (EASTERN STANDARD TIME)	
7:30 AM–8:00 AM	Breakfast (Business Innovation Hub)
8:00 AM–9:30 AM	Session 5: Sustainable Agriculture <i>Improving Industry Productivity and Addressing Poverty Through Operational Best Practices: Micro-Level Evidence from the Philippine Coconut Industry</i> – Canberk Ucel <i>Discussant</i> – Necati Tereyağöğlu <i>Fixed vs. Flexible Premium for Sustainable Sourcing of Agricultural Products</i> – Vishal Agrawal, Can Zhang <i>Discussant</i> – Saed Alizamir
9:30 AM–9:45 AM	Stretch Break
9:45 AM–10:30 AM	Session 6: Flash Talks II

	<ol style="list-style-type: none"> 1. <i>Agricultural Index Insurance: An Optimization Approach</i> – Jose I. Velarde Morales and Linwei Xin 2. <i>Minimizing food waste in grocery retail</i> – Fabian Schäfer, Konstantin Wink, Alexander Hübner, Sebastian Goerg 3. <i>Strategic sell-by dates and their implications for retail-level food waste</i> – Karthik Murali, Nicholas C. Petruzzi, Aditya Vedantam 4. <i>In-Store Inventory Rotation and Expiration Food Waste: Evidence from a large European Food Retailer</i> – Nitish Jain, Ashish Kabra, Varun Karamshetty 5. <i>AI and Food Waste Reduction</i> – Yu Nu, Elena Belavina, Karan Girotra 6. <i>Do price discounts (as an exit strategy to food surplus) hurt retail brand image and sales?</i> – Arzum Akkas, Remi Trudel, John Lowrey 7. <i>Green E-commerce: Environmental Impact of Fast Delivery</i> – Chenshan Hu, Xiaoyang Long, Jiankun Sun, and Dennis J. Zhang
10:30 AM– 11:00 AM	Coffee Break (Business Innovation Hub)
11:00 AM– 12:30 PM	<p>Session 7: Sharing Economy Platforms</p> <p><i>Payment Algorithm Transparency on On-Demand Service Platforms</i> – Swanand Kulkarni, Basak Kalkanci, Chris Parker Discussant – Gerard Cachon</p> <p><i>Understanding the Impact of Ride-hailing on the Primary and Secondary Car Sales Markets: The Role of Platform Vehicle Age Limits</i> – Vishal Agarwal, Ioannis (Yannis) Bellos, Natalie (Ximin) Huang Discussant – Gil Souza</p>
12:30 PM	Lunch-To-Go (Business Innovation Hub)