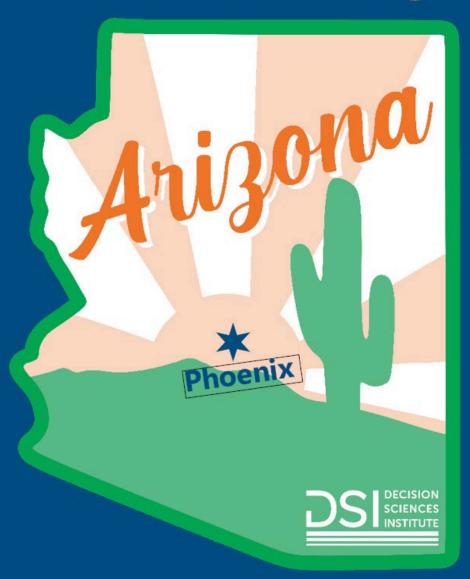# 2024 DSI ANNUAL CONFERENCE PROGRAM

Decision Sciences to Address Global Challenges

55th Annual Conference
November 23 - 25, 2024
Phoenix, AZ

Saturday, Nov 23rd, 2024, 7:30-8:00 a.m.

1

Saturday, Nov 23rd, 2024, 7:30-8:00 a.m. | Grand Canyon 6 - 7 JW Marriott Desert Ridge Resort

MEAL: Saturday Breakfast sponsored by Rutgers Business School

Welcome to the start of the conference! Enjoy a light breakfast before you begin your day.

Saturday, Nov 23rd, 2024, 8:00-9:30 a.m.

2

Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Grand Sonoran H   JW Marriott Desert Ridge Resort

AWARDS: DSI Chapter Best Paper Award First Session

Recognizes research contributions made at the chapter level through a competition among regional and international annual conference Best Paper winners. All Chapters are invited to submit one entry to compete for the award. Winning paper receives a $500 award. Other Chapter entries receive a $250 award.

Judges: Jason Deane (Virginia Tech), John Visich (Bryant University), Asil Oztekin (University of Massachusetts Lowell)

Carbon-neutral operations and shareholder wealth: examining the role of carbon abatement technologies
Gabriele Mauro (Solvay Brussels School ULB), Jury Gualandris (Western University), Evelyne Vanpoucke (Solvay Brussels School ULB), Davood Golmohammadi (University of Massachusetts, Boston)

An Integrated Efficiency Evaluation Approach with Stratification-DEA and Data Clustering Method
Jae Dong Hong (South Carolina State University)

Distribution Contracts for Digital Content Supply Chains in the Presence of Piracy
Prasenjit Mandal (NEOMA Business School), Abhishek Roy (Temple University, Fox School of Business)

A Contingency Approach to Understanding the Interplay Between Operational Efficiency, Service Quality, and Firm Performance
Mahour Parast (Arizona State University), Ismail Golgeci (University. Herning), Davood Golmohammadi (University of Massachusetts, Boston)
Coordinator: **Pedro Reyes**, *Baylor University*

3

Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Grand Canyon 3   JW Marriott Desert Ridge Resort

BEHAVIORAL OPERATIONS MANAGEMENT: Impact of AI on People's Behavior

Impact of AI on people's behavior.

Chair: Finnegan McKinley (University of Arkansas)

From Worker Safety to AI Surveillance: A Review of Research Trends in Workplace Monitoring Across Hard Sciences and Social Sciences
Akram Khattab (University of Toledo), Benjamin George (University of Toledo), Heba Abdel-Rahim (University of Toledo)

Using AI-based Systems for Supply Chain Demand Planning: The Effect of Algorithm Performance on User Vigilance
Finnegan McKinley (University of Arkansas), Rebekah Brau (Brigham Young University), John Aloysius (University of Arkansas), Adriana Hofer (Univerisity Arkansas)

Do subjects view AI differently than regular decision support system?
Paul Junior Owusu (University of North Texas)

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Grand Canyon 2   JW Marriott Desert Ridge Resort

BUSINESS ANALYTICS: Analytics in Academic Research and Teaching
This session includes several articles related to analytics and academia.
Chair: Kenneth J Sousa (Bryant University)

A social network analysis of the citation diffusion of academic articles
Mohamed M. Mostafa (GUST)

Critical Thinking in Doctoral Dissertations
Tuncay Bayrak (Western New England University)

Creating datasets for analytics courses – Writing a mystery novel by working backward
Kenneth J Sousa (Bryant University)

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Grand Canyon 4   JW Marriott Desert Ridge Resort

BUSINESS ANALYTICS: Online Platform Analytics
This session investigates how analytics and machine learning help to manage social media, online medical, and financial platforms.
Chair: Muhammad Usman Ahmed (University of Michigan Flint)

Deciphering NFTs: Understanding Decision-Making with Interpretable Machine Learning
Lanqing Du (Drexel University), Tianyi Ren (University of Washington)

Interdependence of Bitcoin, Precious Metals, and Markets Amidst Geopolitical and Health Crises
Rami Zeitun (Qatar University), Sumaira Ashraf (University of Lisbon)

The impact of news-based and Twitter-based economic uncertainty on realized volatility
Qing Bai (Dickinson Colege), Cathy W.S. Chen (Feng Chia University,), Shaonan Tian (San Jose State University)

Studying patient experience in online medical communities using text analytics
Muhammad Usman Ahmed (University of Michigan Flint), Sandun Perera (University of Nevada, Reno)

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Grand Sonoran E - 1 JW Marriott Desert Ridge Resort

COMMITTEE MEETING: Member Services Committee

A meeting of the members of the DSI Member Services Committee.

Members: Pamela Rogers (Stephen F. Austin State University), Matt Walsman (Rutgers University), Simone T. Peinkofer (Michigan State University), EunSu Lee (New Jersey City University), Hee Yoon Kwon (The Citadel, The Military College of South Carolina), Theodore Byrne (California State University, Dominguez Hills), Sameer Kumar (University of St. Thomas)

Chair: **Ravi Srinivasan**, *Loyola University Maryland*

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Grand Sonoran D   JW Marriott Desert Ridge Resort

DATA, ANALYTICS AND STATISTICS INSTRUCTION: DASI Welcome and Overview of DASI Activities

Interactive time to give an overview of the DASI SIG and what it does along with an overview for DSI 2024 and welcome new DASI attendees. Each attendee will be asked to introduce themselves and tell about their DASI related activities such as what they teach and what kinds of information DASI could provide that would be beneficial for them. The session will finish with an open discussion.

Chairs: Robert Andrews (Virginia Commonwealth University), Kellie Keeling (University of Denver)

Presenters: Reza Kheirandish (Clayton State University), Kevin Potcner (JMP Statistical Software), Dick Hercher (Hercher Publishing), Kelsey Darin (McGraw-Hill)

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Grand Canyon 1   JW Marriott Desert Ridge Resort

DIVERSITY, EQUITY AND INCLUSION: Navigating Diversity in Modern Supply Chains

This session brings together research on diversity and equity across various supply chain contexts, including sustainability and product security, buyer-supplier relationships, the influence of diversity among supply chain professionals, and customer decision-making in e-commerce delivery services. The studies offer comprehensive insights into the intricate interplay of diversity in modern supply chains by highlighting factors such as board diversity, strategic priorities, supplier size, and supply chain professional backgrounds.

Chair: Saif Mir (Lehigh University)

Product Vulnerability and Sustainability Performance of Technology Firms
Saurabh Ambulkar (University of Texas at Arlington), Li Cheng (Michigan State University), Jingguo Wang (University of Texas at Arlington)

Navigating Diversity in Supply Chain Relationships
Pritosh Kumar (University of Wisconsin Parkside), Ha Ta (Florida International University), Adriana Hofer (Univerisity Arkansas), Henry Jin (Miami University)

Role of ELSQ in promoting Minority-owned businesses
Saif Mir (Lehigh University), Christian Hofer (University of Arkansas), Stephanie Powell Thomas (University of Arkansas)

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Grand Sonoran C   JW Marriott Desert Ridge Resort

EARLY CAREER FACULTY DEVELOPMENT CONSORTIUM: Introductions and Become an Effective Teacher

Session 1 – Become an Effective Teacher: In light of many recent disruptions in higher education, what will it take to be a successful teacher?

Moderator: Veronica Villena (Arizona State University)
Presenters: Joy Field (Boston College), Reynold Byers (Arizona State University)

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Pinnacle Peak 1   JW Marriott Desert Ridge Resort

HEALTHCARE MANAGEMENT: Data and Innovation in Healthcare Design

This session explores how hospitals can optimize their operations and patient care through effective data utilization. We present a comprehensive framework for leveraging healthcare data to enhance efficiency, quality, and financial performance, while addressing challenges related to privacy, security, and interoperability. The session also includes an analysis using Bayesian Model Averaging to identify key service design elements that predict patient experience and outcomes. Additionally, we evaluate the impact of the Triple Aim framework on dialysis care, revealing how resource constraints and social determinants of health affect patient care quality, and offer strategies for improvement.

Chair: Matteo Podrecca (University of Bergamo)

Unlocking the Potential of Healthcare Data: Enhancing Hospital Operations and Patient Care
Matteo Podrecca (University of Bergamo), Albachiara Boffelli (University of Bergamo), Mattia Cattaneo (University of Bergamo), Matteo Giacomo Maria Kalchschmidt (University of Bergamo), Fabio Previdi (University of Bergamo)

Application of Bayesian Model Averaging to Healthcare Service Design
Uzay Damali (University of Wisconsin La crosse), ANUP MENON NANDIALATH (University of Wisconsin La crosse), Lawrence Dean Fredendall (Clemson University)

An Empirical Examination of the Triple-Aim Within Dialysis Facilities
Chenhao Zhou (Rutgers Business School), David Dreyfus (Rutgers University), Ann D. Bagchi (Rutgers Business School)

Patient-Centric Innovation in Service Modalities for End-Stage Renal Disease
Mona Jabbari (University of Colorado Colorado Springs), Nagesh Murty (University of Oregon), Eren Cil (University of Oregon)

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Desert Suite 4   JW Marriott Desert Ridge Resort

HEALTHCARE MANAGEMENT: Innovative Applications of AI in Healthcare Diagnosis and Monitoring

This session explores the transformative potential of artificial intelligence (AI) in healthcare. We first investigate how generative AI could reshape healthcare outcomes and guide policy decisions. Next, we present a case study from a regional non-profit healthcare system, highlighting staff perceptions on the benefits and challenges of AI technologies. Finally, we introduce an AI-based tool designed for predicting, diagnosing, and treating mental health issues, demonstrating its promising accuracy across various data sets. These studies collectively provide insights into the practical implementation and impact of AI in enhancing healthcare practices and

outcomes.
Chair: Ahasan Harun (University of Texas Rio Grande Valley)

Harnessing the Generative AI for better healthcare: The case of zero-shot and few-shot prompting with LLMs
Ahasan Harun (University of Texas Rio Grande Valley), Mumtahina Obaid (University of North Texas), Rifat Afrin (University of North Texas), gayle prybutok (university of north texas), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS))

Healthcare staff AI perceptions
Hulya Julie Yazici (Florida Gulf Coast University), Yong-Taek Min (Florida Gulf Coast University)

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Pinnacle Peak 2   JW Marriott Desert Ridge Resort

HEALTHCARE MANAGEMENT: Special Topic - Cancer and Palliative Care Programs
This session examines the use of advanced methods to enhance cancer care and address disparities in palliative and chronic care. We review machine learning techniques like ANN, Decision Trees, and SVM for predicting cancer recurrence and improving treatment outcomes. Additionally, we present a logistic regression model for predicting palliative care needs using simulated EMR data, evaluating various cut-points for optimal prediction. Finally, we explore how combining physical and telephonic primary care encounters affects chronic care outcomes, considering patients' clinical and sociodemographic risk factors. These studies highlight innovative approaches to improving prediction, care, and resource allocation in healthcare.
Chair: Ujjal Kumar Mukherjee (Gies College of Business, University of Illinois at Urbana-Champaign)

Literature Review of Cancer Prediction Using Machine Learning
Shilpa Balan (California State University, Los Angeles), Sumali Conlon (University of MIssissippi)

Estimating the Optimal Cut-Point for Logistic Regression to Predict Palliative Patient Status
Virginia M Miori (Saint Joseph's University), Marisa N Passarella (Cooper University Health Care), Catherine G Cardamone (Cooper University Health Care)

Leveraging Complementarity Between Physical and Telephonic Encounters for Managing Chronic Care Delivery to a Population of Diverse Patients
Ujjal Kumar Mukherjee (Gies College of Business, University of Illinois at Urbana-Champaign), Han Ye (Lehigh University), Dilip Chhajed (Purdue University)

Housing Access Barriers Encountered by People Living With HIV/AIDS
arthur s chaminuka (university of north texas), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS)), gayle prybutok (university of north texas)

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Desert Suite 5   JW Marriott Desert Ridge Resort

INDUSTRIAL AND SYSTEMS ENGINEERING: Innovations and Emerging Trends
This session delves into the latest advancements and research in industrial and systems engineering, highlighting the transformative role of emerging technologies across various applications. The presentations span a broad range of topics, from occupational health and safety to automated driving, digital twins, and smart manufacturing systems.
Chair: Attique ur Rehman (Lahore University of Management Sciences)

A Conceptual Framework for Integrating Emerging Technologies into Occupational Health and Safety

Management Systems
Aida Haghighi (Toronto Metropolitan University), Afrooz Moatari-Kazerouni (Widener University), Sylvestre Lefevre (Centre des études supérieures industrielles (CESI), France)

An eye-fixation related electroencephalography technique for predicting situation awareness in automated driving
Jing Yang (University at Buuffalo)

Quantification of Uncertainty in Digital Twins
CANAN GUNES CORLU (Boston University), Bahar Biller (SAS Institute), Stephan Biller (Purdue University)

Unveiling the Cutting Edge - A Literature Review of Smart Manufacturing Systems
Saad Faizan Cheema (Suleman Dawood School of Business, Lahore University of Management Sciences), Attique ur Rehman (Lahore University of Management Sciences)

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Grand Sonoran B   JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: AI and Organizations 1
This session includes papers that examine the impact of AI within organizations. Attendees will gain insights into managing AI-driven change, and learn about strategic implications of AI integration in organizational settings.
Chair: Oteng Ntsweng (Arizona State University)

Integrating AI in Supply Chain Management: Hurdles to a Successful Implementation
Mohamed Y Tazkarji (College of Charleston)

The Effects of AI on Continuous Improvement
John W Gardner (Brigham Young University), Todd Hall (University of Kansas), Zach Wright (The Ohio State University)

The Impact of Unregulated AI in the Corporate Workplace: A Qualitative Exploration
Oteng Ntsweng (Arizona State University), Charles Maddox (University of North Texas), Alsius David (SUNY Oneonta), William D Senn (Tarleton State University), Md Rasel Al Mamun (University of Illinois Springfield)

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Grand Sonoran A   JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Designing Trustworthy Semi-Autonomous Information Systems
A design theory is proposed in an attempt to explain the design process of trustworthy Semi-Autonomous Information Systems (SAIS). SAIS is a new class of information systems where both humans and algorithms have control. Drawing on the collaborative control theory, the proposed design theory includes four propositions about algorithmic authority, decentralization, decision-making, and perceived privacy and security protections. The proposed design theory enriches human-algorithm collaboration literature and informs future designs of trustworthy SAIS.
Chair: Yuxin Zhang (Wayne State University)

Designing Trustworthy Semi-Autonomous Information Systems
Ahmed Mohamadean (Wayne State University)

Exploring the Influences of Individual Social Network on the Responsiveness within Online Communities

Le Kuai (University of Arkansas)

How the Interaction Patterns with Information Technology Impact on Knowledge Workers' Paradox of Technology
Yi Guo (University of Michigan -- Dearborn), Xiaodong Deng (Oakland University)

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Grand Canyon 9   JW Marriott Desert Ridge Resort

INNOVATION AND NEW PRODUCT DEVELOPMENT: Sustainable Practices and Strategic Innovations
This session is on Sustainable practices and strategic innovations.
Chair: Anto John Verghese (University of North Texas)

E-waste Take-back and Producer Eco-innovation: Empirical Analysis of State Regulations
Yuqi Peng (Salisbury University), Yan Dong (University of South Carolina), Sriram Venkataraman (University of South Carolina), Sining Song (University of Maryland)

Optimal Lobbying Contribution and its Impact on Firms' Non-Market Strategy
Sajeesh Sajeesh (University of Nebraska - Lincoln), Rajeev Sawant (Florida Atlantic University), Ashutosh Singh (University of Leeds)

Strategic Interdependence: Vertical Integration in Electric Vehicle Supply Chains
Feng Cheng (Towson University), Shuai Ling (Tianjin University)

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Grand Canyon 11   JW Marriott Desert Ridge Resort

INNOVATIVE EDUCATION: Innovative Cases for Exploratory Data Analytics
Exploratory Data Analytics (EDA) involves analyzing datasets to summarize their main characteristics, often using visual methods. It is a critical step in the data analysis process, allowing analysts to discover patterns, spot anomalies, test hypotheses, and check assumptions through a variety of techniques, such as visualizations, summary statistics, and clustering. EDA helps in understanding the data's structure, detecting outliers and trends, and forming the basis for more complex modeling. It emphasizes visual storytelling to make data insights more accessible and understandable, fostering better decision-making and innovation.
Chairs: Sina Shokoohyar (Seton Hall University), Andy Sinclair (Florida Atlantic University)

Auto Repossession Agencies: Why are They Leaving the Industry and What Can They do to Remain in Business
Sina Shokoohyar (Seton Hall University), Andy Sinclair (Florida Atlantic University), Jeremy Cross (International Recovery Systems), Charlie Evert (Saint Joseph's University), Blessing Zachariah (Seton Hall University)

Exploring the Capacity Challenges at the International Recovery Systems (IRS)
Sina Shokoohyar (Seton Hall University), Jeremy Cross (International Recovery Systems), Andy Sinclair (Florida Atlantic University), Jacob E. Blacksten (University of Delaware), Blessing Zachariah (Seton Hall University)

Impact of COVID on ride-sharing services: a social media analysis
Sina Shokoohyar (Seton Hall University), Vahid Ghomi (Pennsylvania State University), Amirsalar Jafar Gorizi (American University), Weimin Liang (University of Massachusetts Amherst), Andy Sinclair (Florida Atlantic University)

Exploring the Dynamics of the Auto-Repossession Industry: A Comprehensive Analysis and Future Directions
Andy Sinclair (Florida Atlantic University)

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Grand Canyon 12   JW Marriott Desert Ridge Resort

LOGISTICS AND TRANSPORTATION MANAGEMENT: Economics of Logistics and Transportation

This session delves into the effects of different pricing and operational strategies on transportation systems operational and market performance.

Chair: Chinedu Ufodike (University of Tennessee,Knoxville)

Freight Rail Intermodal Pricing Under Supply Chain Disruptions
Elvis Ndembe (Prairie View A&M University)

The Transformative Effects of Precision Scheduled Railroading on Financial and Safety Performance: An Empirical Analysis
Chinedu Ufodike (University of Tennessee,Knoxville), Justin Kistler (University of Tennessee), Alex Scott (University of Tennessee)

A study on exposed risks, transportation modal flexibility, and operational efficiency
Jian-yu Ke (California State University Dominguez Hills), Woohyun Cho (University of New Orleans)

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Grand Canyon 13   JW Marriott Desert Ridge Resort

PROCUREMENT AND SOURCING: Recent Developments in Procurement and Sourcing

Technological breakthroughs and innovations are changing the realm of procurement. Increasing importance of sustainable sourcing is also pushing the field to look beyond its traditional focus on cost and quality. In this session we discuss research studies that illuminate the opportunities and challenges associated with these recent developments in procurement and sourcing.

Chair: Somak Paul (California State University, East Bay)

Do multinational enterprises' various IPR restrict technology adoption in cooperative and competitive supply networks?
Fangling Zhu (Old Dominion University), Ling Li (Old Dominion University)

Navigating Supplier Relationships in the Virtual Work Environment: Lessons from the COVID-19 Pandemic
Irita Mishra (University of Wisconsin- River Falls), Scott Ellis (Georgia Southern University)

Supply Chain Transparency and Financial Risks: An Empirical Analysis
Yuqi Peng (Salisbury University), Minseok Park (Salisbury University), Brad Kyungmin Lee (Salisbury University), Wenjin Hu (University of Bristol)

Fairness as a Heuristic in Socially Responsible Decision-Making: An Experimental Study
Somak Paul (California State University, East Bay)

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Desert Suite 3   JW Marriott Desert Ridge Resort

PROJECT MANAGEMENT: Organizational Behavior and Learning in Project Management

This group examines the influence of organizational behavior and learning environments on project management. Topics include the challenges of environmental, social, and governance (ESG) factors in megaprojects, the role of employees' affects and beliefs in fostering organizational citizenship behavior (OCB) towards change implementation, and the impact of new faculty building designs on student engagement and learning. These presentations emphasize the human and organizational dimensions of project management, offering insights into how behavior, beliefs, and physical learning spaces contribute to project success and organizational development.

Chair: Sun Kim (Michigan State University)

Characterizing ESG Challenges in Megaprojects

Sun Kim (Michigan State University), Budi Harsanto (Padjadjaran University), Sriram Narayanan (Michigan State University)

Employees' affects and beliefs as antecedents of OCB toward change implementation

Andres Raineri (Pontificia Universidad Catolica de Chile), Bernardo Francisco Quiroga (West Virginia University)

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Grand Canyon 10   JW Marriott Desert Ridge Resort

ROLE OF AI AND TECHNOLOGY IN THE CLASSROOM: AI as a Teaching Tool in Business School Curriculum (I)

This session includes contributions focusing on AI as teaching tools in the business school curriculum.

Chair: Abbas Foroughi (University of Southern Indiana)

Integrating Generative AI Tools into an MBA Course: A Pedagogical Exploration

Hao Lou (Ohio University)

AI Tools as a Teaching Aid for Graduate Level Courses in the MBA Curriculum

Kaushik Sengupta (Hofstra University), Alexander Pelaez (Hofstra University)

A Study of Student Perspectives on a Business School's Ongoing Efforts to Integrate AI into its Curriculum

Abbas Foroughi (University of Southern Indiana)

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Desert Suite 2   JW Marriott Desert Ridge Resort

SHOWCASE: Emerging Economies Showcase - Institutionl Environments and Organizational Relationships

Emerging Economies Showcase - Institutionl Environments and Organizational Relationships

Chair: Rafael Escamilla Gonzalez Aragon (Arizona State University)

Retail Effort Paradox: Does More Effort Always Deter Supplier Encroachment?

Faizul Haque (Indian Institute of Management Calcutta), Sumanta Basu (Indian Institute of Management

Calcutta), Peeyush Mehta (Indian Institute of Management Calcutta), Vishal Bansal (Indian Institute of Management Calcutta)

The Role of Subsidy and Contract Farming in the Agricultural Supply Chain of Developing Economies
Mohit Ray (IIM Kashipur), Prashant Chintapalli (Western Univeristy), Suresh Jakhar (IIM Lucknow)

Enhancing operational performance in weak institutional environments: The role of institutional resources.
Okyere Anim Barima (KNUST School of Business), Nathaniel Boso (KNUST School of Business)
Discussants: **Marcia Regina Santiago Scarpin**, *Concordia College Moorhead MN*
   Adriana Hofer, *Univerisity Arkansas*

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Desert Suite 8   JW Marriott Desert Ridge Resort

STRATEGIC MANAGEMENT AND ENTREPRENEURSHIP: Strategic Innovations for Sustainable Development and Performance Enhancement

This session delves into the transformative power of strategic innovations across various sectors, highlighting their pivotal role in driving sustainable development and enhancing firm performance. It encompasses studies on green entrepreneurship within SMEs, the impact of ESG strategies on innovation, the influence of organizational memory and information systems on process innovation, and the role of IT in diversifying financial services.
Chair: Woo Yong PARK (University of Nevada (Las Vegas))

A Conceptual Model: Green Entrepreneurship Antecedents and Outcomes in SMEs in Central Asian Countries
Man Zhang (Bowling Green State University), Huan Liu (Xi'an International Studies University), Janet Hartley (Bowling Green State University), Shaojun Bai (Xi'an International Studies University)

Corporate ESG strategy and ambidextrous innovation: The role of industrial competition and inter-organizational relationship
Ming-Chao Wang (Yuan Ze University), Pei-Chen Chen (Tainan University of Technology), Yu-Chao Lin (College of Management)

Enhancing Firm Performance: The Impact of Organizational Memory, Information Systems Strategies Enabled by Strategy-Making on Process Innovation Capability in Developing Economies
ADILSON CARLOS YOSHIKUNI (Mackenzie Presbyterian University), Miguel Mitio Yoshikuni (Mackenzie Presbyterian University, Sao Paulo, Brazil), Rajeev Dwivedi (Eastern Washington University, Cheney, WA, USA, and Technology & Analytics in Management, Accounting and Finance at Mackenzie Presbyterian University, Sao Paulo, Brazil,), Alexandre Nunes Hernandes (Technology & Analytics in Management, Accounting and Finance at Mackenzie Presbyterian University, Sao Paulo, Brazil), Pradeep Dwivedi (Independent Researcher, Software Industry Professional, Indore, India, and Technology & Analytics in Management, Accounting and Finance at Mackenzie Presbyterian University, Sao Paulo, Brazil)

How IT Drives Diversification and Performance: An Empirical Study of Financial Services Firms
Stephen K. Callaway (The University of Toledo), Narges Mashhadi Nejad (The University of Toledo)

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Pinnacle Peak 3   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: Managing Supplier Relationships

Topics relating to supplier relationships.

Chair: Soode Vaezinejad (University of Rhode Island)

A multi-method approach to identifying necessary and sufficient conditions of information asymmetry in supply chain networks
Soode Vaezinejad (University of Rhode Island), Dara Schniederjans (University of Rhode Island)

Omnichannel Partnerships
Tolga Aydinliyim (Baruch College, CUNY), Monire Jalili (Bentley University)

Operational Ambidexterity and Performance: The Moderating Role of Internal Integration
kuldeep singh (Arkansas tech University)

Non-linear effect of asset specificity on destructive and constructive conflicts in dyadic buyer-supplier relationships
Sichu Xiong (University of Nottingham Ningbo China), Antony Paulraj (NEOMA Business School), Jing Dai (University of Nottingham Ningbo China), Chandra Ade Irawan (University of Nottingham Ningbo China)

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Grand Sonoran J   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: Service Operations

Service operations play a pivotal role in the success and efficiency of supply chains. This session will explore the latest advancements, strategies, and best practices in service operations within the context of supply chain management. Attendees will gain insights into innovative approaches to improve service quality, operational efficiency, and customer satisfaction.
Chair: Qilong Zhu (Texas A&M University)

A Data-Driven Optimization Framework to Improve Search Advertising Efficiency
Kerim U Kizil (Texas A&M University)

Antecedents of Small Firm Survival: Environment Versus Operations of Craft Brewer Decisions
Qilong Zhu (Texas A&M University)

Platform Information Strategy and OEM Quality Strategy in a Supply Chain
Fei Sun (Nanjing University of Science & Technology), Hui Yang (Nanjing University of Science & Technology), Jing Chen (Faculty of Management, Dalhousie University), Bintong Chen (Lerner Business & Economics, University of Delaware), Bo Yu (Faculty of Management, Dalhousie University)

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Grand Canyon 5   JW Marriott Desert Ridge Resort

SUPPLY CHAIN RISK AND RESILIENCY: Regionalization and Reshoring: Current Trends in Global Supply Chains

In this session, researchers investigate the recent trends of reshoring and regionalization. Economic turbulence, geopolitical tensions, and disruptions force supply chain managers to evaluate the effectiveness of globalization strategies. The presentations in this session discuss the role of geopolitics and global economic forces on supply network design and adaptation. In addition, research investigates the impact of reshoring and regionalization in the life science and logistics industry.
Chair: David C Novak (University of Vermont)

Regionalization, Supply Network Adaptation, and Innovation

David C Novak (University of Vermont), Kevin C Dooley (Arizona State University), Zhaohui Wu (Oregon State University)

Reshoring and Offshoring Drivers in the Life Sciences Industry
Aman Goswami (Rutgers Business School), Alok Baveja (Rutgers Business School), Esther Ho (Rutgers Business School), Lian Qi (Rutgers Business School), Jing Wang (Rutgers Business School)

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Grand Sonoran K   JW Marriott Desert Ridge Resort

SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Sustainability in Supply Chains
Sustainability in Supply Chains
Chair: Dilek Coskun Erdogan (The University of Texas Rio Grande Valley)

Adopting green behavior; does association matter? A social learning theory perspective.
Okyere Anim Barima (KNUST School of Business), PRISCILLA ADDO ASAMANY (KNUST SCHOOL OF BUSINESS), Motshedisi (Tshidi) Mathibe (GIBS Business School)

Dissolving Philoetius' Sustainability Paradox: A Systems Perspective on Supply Chain Sustainability and Circularity
Samuel D Allen (Pardee RAND Graduate School, RAND Corporation), Joseph Sarkis (Worcester Polytechnic Institute), Xun 'Paul' Wang (Cardiff Business School)

Enabling Radical Sustainability: Collective Action in Regenerative Supply Chains
Kelsey Taylor (University of Manitoba), Lydia Bals (Mainz University of Applied Sciences; Copenhagen Business School; EBS University of Business/Law), Felicia Kemmner (HEC Lausanne)

Equator Principles Requirements and Sustainable Supply Chain Management: Can Promises Be Kept?
Dilek Coskun Erdogan (The University of Texas Rio Grande Valley), Hale Kaynak (The University of Texas Rio Grande Valley)

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Saturday, Nov 23rd, 2024, 8:00-9:30 a.m. | Grand Sonoran I   JW Marriott Desert Ridge Resort

WORKSHOP: Blockchain and Web 3.0 Part 1
This three-hour workshop will provide participants with a comprehensive introduction to Blockchain technology and its potential to transform business models in the web3 era. Attendees will learn the fundamental concepts of Blockchain, including decentralization, tokenization, and smart contracts. They will then explore how Blockchain can be applied to various use cases, focusing on supply chain management.
Workshop Coordinators: Nikhil Varma (Ramapo College), Chirag S Surti (Rider University)

Saturday, Nov 23rd, 2024, 8:30-9:15 a.m.

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Saturday, Nov 23rd, 2024, 8:30-9:15 a.m. | Grand Sonoran G   JW Marriott Desert Ridge Resort

DOCTORAL CONSORTIUM: Publication Strategies in Top Journals
Session 1 – Publication strategies in top journals
Presenters: Keith Skowronski (University of South Carolina), Claudia Rosales (University of Arkansas), Sriram Narayanan (Michigan State University)
Coordinator: **Alex Scott**, *University of Tennessee*

Saturday, Nov 23rd, 2024, 9:00 a.m.-5:00 p.m.

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Saturday, Nov 23rd, 2024, 9:00 a.m.-5:00 p.m. | Grand Canyon 8JW Marriott Desert Ridge Resort

PLACEMENT SERVICES: Saturday 9am to 5pm
PLACEMENT SERVICES: Open Saturday 9am to 5pm

Saturday, Nov 23rd, 2024, 9:30-10:00 a.m.

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Saturday, Nov 23rd, 2024, 9:30-10:00 a.m. | Grand Canyon 6 - 7JW Marriott Desert Ridge Resort

COFFEE BREAK: Co-sponsored by Cengage and Boston College
Coffee and tea break. Visit Exhibitors as well!

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Saturday, Nov 23rd, 2024, 9:30-10:15 a.m. | Grand Sonoran G   JW Marriott Desert Ridge Resort

DOCTORAL CONSORTIUM: Transitioning from a PhD student to a Professor
Session 2 – Transitioning from a PhD student to a professor
Presenters: John-Patrick Paraskevas (University of Tennessee), Robert Wiedmer (Arizona State University), Simone T. Peinkofer (Michigan State University)
Coordinator: **Alex Scott**, *University of Tennessee*

Saturday, Nov 23rd, 2024, 9:50-10:35 a.m.

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Saturday, Nov 23rd, 2024, 9:50-10:35 a.m. | Grand Sonoran C   JW Marriott Desert Ridge Resort

EARLY CAREER FACULTY DEVELOPMENT CONSORTIUM: Develop Research Streams

Session 2 – Develop Research Streams: How to transition from the dissertation to initiate new research streams.
Moderator: Veronica Villena (Arizona State University)
Panelists: Maria Ibanez (Northwestern University), Keith Skowronski (University of South Carolina), Rachna Shah (University of Minnesota)

Saturday, Nov 23rd, 2024, 10:00-11:30 a.m.

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Grand Canyon 4 JW Marriott Desert Ridge Resort

AGRICULTURAL AND FOOD SUPPLY CHAINS: Agricultural Policies and their Impacts
This session explores and analyzes a few agricultural policies adopted and how they impact their stakeholders.
Chair: Heng Chen (University of Nebraska-Lincoln)

How Do Producers Fare with Fair Trade?
Heng Chen (University of Nebraska-Lincoln), Yen-Ting Lin (University of San Diego), Adem Orsdemir (University of California Riverside), Ying Zhang (Santa Clara University)

Outcome-Based Pricing for Precision Agriculture Services
Heng Chen (University of Nebraska-Lincoln), Ying Zhang (Santa Clara University)

Airmiles or Fairmiles?
Roger Maull (University of Exeter), Zane Griffiths (University of Exeter), James MacGregor (None)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Grand Sonoran H JW Marriott Desert Ridge Resort

AWARDS: Best Teaching Case Studies Award Competition
This competition identifies and recognizes outstanding teaching case studies related to all DSI disciplines. All case authors are invited to submit their new and innovative cases to the competition. Winning paper receives a $500 award.

Efficiency vs Sustainability: The Operational Challenges of Palm Kernel Shell (PKS) as a Sustainable Boiler Fuel at Thai Glycerine Co., Ltd.
Nattakul Pornteparak (National Institute of Development Administration (NIDA)), Jongsawas Chongwatpol (National Institute of Development Administration (NIDA))

Farway Hospital Emergency Department
John Maleyeff (Boston University)

Porsche Drive (A): Vehicle Subscription Strategy; Porsche Drive (B): Pricing Analytics
Vaughan Griffiths (Porsche Cars North America), Varun Gupta (The University of North Georgia), Jing Li (Saint Louis University), Darren Manion (The University of Virginia), Sarah Sargent (Saint Louis University), Xiao Zhang (Saint Louis University)

The Egg Hunt – Scrambling to Make Alfredo Sauce at Gia Russa
Alina Marculetiu (Yougstown State University), Sebastian BrockHaus (Cleveland State University)
Coordinator: **Kathleen Iacocca**, *Villanova University*

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Grand Canyon 1 JW Marriott Desert Ridge Resort

AWARDS: DSJ Best Papers Award

AWARDS: DSJ Best Papers Award

Chair: David Dobrzykowski (University of Arkansas)

Alternative information processing mechanisms in hospital supply chains: Impact on cost, quality, and patient satisfaction

Xiaosong (David) Peng (Lehigh University), Barbara Flynn (Fundacao Getulio Vargas EAESP), Arunachalam (Chalam) Narayanan (University of North Texas), Lei (Raymond) Fan (Grand Valley State University)

Converting a drug from off-label to on-label use: Government subsidies and patient welfare

Wendy Olsder Wagenaar (Tilburg University), Tugce Martagan (DePaul Univerisity), Christopher S. Tang (Anderson School of Management - University of California Long Beach)

Driver Collusion in Ride-Hailing Platforms

Manish Tripathy (DePaul University), Jiaru Bai (Stony Brook University), H. Sebastian (Seb) Heese (North Carolina State University)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Grand Canyon 3 JW Marriott Desert Ridge Resort

BEHAVIORAL OPERATIONS MANAGEMENT: Behavioral Aspects of Retailing

Behavioral aspects of retailing.

Chair: Renae Rockwood (Arizona State University)

Exploring the behavioral and economic impact of returnless refunds

Chris Faires (Georgia Southern University), Alan Mackelprang (Georgia Southern University)

Eye on Logistics and Engagement: How Shopping Goals Influence Purchases in Livestream Selling

Faizul Haque (Indian Institute of Management Calcutta), Sumanta Basu (Indian Institute of Management Calcutta)

Task Attributes, Time Pressure, Worker Arousal, and Worker Performance in Warehouse and Retail Operations

Renae Rockwood (Arizona State University), Craig Carter (Arizona State University), Mikaella Polyviou (Arizona State University), Thomas Kull (Arizona State University)

The Manufacturer Rebate Decisions in the Presence of the Second-hand Product Market Considering Fairness Concerns

Yuanyuan Ji (Northeastern University), Ruozhen Qiu (Northeastern University), Shoufeng Ji (Northeastern University), Minghe Sun (The University of Texas at San Antonio)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Grand Sonoran E - 1JW Marriott Desert Ridge Resort

BOARD MEETING: European DSI Board Meeting

A meeting of the members of the EDSI Board of Directors.

Members: Ou Tang (Linköping University), PJ Byrne (Dublin City University), Sabine Baumann (Berlin School of Economics and Law), Alessandro Ancarani (University of Catania), Melek Atkins Ates (Sabanci University), Marco Sartor (University of Udine), Margherita Molinaro (Free University of Bozen-Bolzano), Markku Juhani Kuula (Aaalto University School of Business), Patrik Jonsson (Chalmers University of Technology)
Chair: **Mihalis Giannakis**, *Audencia Business School*

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Grand Sonoran E - 2JW Marriott Desert Ridge Resort

BOARD MEETING: Southeast DSI Board Meeting
A meeting of the members of the SEDSI Board of Directors.
Members: Binshan Lin (Louisiana State University Shreveport), Elena Olson (Virginia Commonwealth University), Clint Harshaw (Presbyterian College), Thomas Groleau (University of Kentucky), Elham Torabi (James Madison University)
Chair: **Cheryl Aasheim**, *University of Florida*

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Grand Canyon 2 JW Marriott Desert Ridge Resort

BUSINESS ANALYTICS: Machine Learning for Societal Gains
This session includes research on how machine learning techniques could benefit society.
Chair: Sumali Conlon (University of MIssissippi)

A Machine Learning Algorithm for Performance Evaluation of Decision-Making Units Using Cluster Analysis Model in the Large-Scale DEA Context
Jae Dong Hong (South Carolina State University)

Analyzing the Factors Influencing Violent Crime Rates in Midwestern States Using Machine Learning
Hansel D'Cruz (State University of New York, Plattsburgh), Mildred Adjaero (State University of New York, Plattsburgh), Rohit Rampal (State University of New York, Plattsburgh)

Automated Machine Learning for Detecting Financial Fraud Reporting
Marina Johnson (Montclair State University), Abdullah Albizri (Montclair State University), Deniz Applebaum (Montclair State University)

What Impacts their Salaries: Analyzing Data Scientists' Salaries from The US And Other Countries Using Machine Learning Techniques
Sumali Conlon (University of MIssissippi), Yue Gao (Clark University), Haitao Liu (Independent Researcher), Shilpa Balan (California State University, Los Angeles)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Desert Suite 3   JW Marriott Desert Ridge Resort

CYBER SECURITY AND SYSTEM RESILIENCY: Personal Cybersecurity
This session explores how emotions and user behavior influence susceptibility to cyber-attacks and security policy adherence, highlighting the psychological aspects of information security management.
Chair: Oteng Ntsweng (Arizona State University)

An Investigation of Users' Increasing sense of security in smishing attach Avoidance Behavior

Md Rasel Al Mamun (University of Illinois Springfield), Oteng Ntsweng (Arizona State University), Alsius David (SUNY Oneonta), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS))

The role of emotion and prior cybersecurity knowledge in students' susceptibility to phishing attempts

Jennifer L Ziegelmayer (IESEG School of Managment), Christine Abdalla Mikhaeil (IESEG School of Managment), Carin Venter (IESEG School of Managment)

Role of Emotions in information security violation mitigation

Sahar Farshadkhah (University of Illinois Springfield), Bryan Fulley (Louisiana Tech University), Craig Van Slyke (Louisiana Tech University), Tom Stafford (Louisiana Tech University)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Grand Sonoran D JW Marriott Desert Ridge Resort

DATA, ANALYTICS AND STATISTICS INSTRUCTION: Experiences with Preparatory and Ongoing Support for Student Learning

Report on experiences and lessons learned for three new efforts to support student learning: 1) seminar designed for those lacking adequate backgrounds for introductory statistics to build critical thinking and deepen engagement with technology; 2) implementation of an AI tutor in an introductory business statistics course to transform traditional pedagogical approaches for improving student engagement and comprehension by designing interactive learning modules and integration of AI-driven assignments; 3) creation of a Business Analytics Club to help students connect with fellow analytics students and the outside community and enhance engagement within academic classes.

Chairs: Robert Andrews (Virginia Commonwealth University), Kellie Keeling (University of Denver)
Presenters: Linda Boardman Liu (Boston College), Youqin Pan (Salem State University), Sanjeev Jha (Western New England University), Murat Aydogdu (Western New England University), Yamini Jha (Western New England University)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Desert Suite 6   JW Marriott Desert Ridge Resort

DISRUPTION & RESILIENCY SIG WORKSHOP: Exploring New Research Problems around Extreme Snowfall Events

Extreme snowfall events are concerning instances of snow accumulation so rapid as to paralyze all ground travel across a populated region for days. These types of storms are growing more frequent, even as our society's dependency on continual ground logistics increases. Join us to learn more about the cascading logistical problems and potential research opportunities at the intersection of these two trends, as demonstrated by two case studies out of Buffalo, New York.

Moderator: Christopher W Zobel (Virginia Tech)
Panelists: Natalie Simpson (University at Buffalo), James Minas (Cornell University)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Desert Suite 5   JW Marriott Desert Ridge Resort

GIG ECONOMY AND SOCIAL MEDIA RESEARCH: Navigating Transitions and Efficiency in Education and the Gig Economy

This session investigates the challenges and dynamics within various gig economy sectors and transitions in higher education. The presenters in this session will discuss insights into college transfer students' concerns through Reddit topic modeling, the impact of consumer emotions on food delivery platforms during COVID-19, decision-making dynamics of delivery agents in last-mile logistics, and optimal strategies for long-haul trucking operations.

Chair: Lina Wang (Pennsylvania State University)

Deciding on a College Transfer: Uncovering Transition Queries and Concerns via Reddit Topic Modeling
Jason Standfast (SUNY at Old Westbury), Julian Franco (University of Texas at El Paso), Rudy Caraballo (SUNY at Old Westbury), Kay Vargas (Cal Poly Humboldt), Yun Wan (University of Houston-Victoria), Xiwei Wang (Northeastern Illinois University), Sherrene Bogle (Cal Poly Humboldt), Palvi Aggarwal (University of Texas at El Paso), Shebuti Rayana (SUNY at Old Westbury)

Modeling the Influence of Unpaid Effort in Delivery Agents' Choices in Last-Mile Platforms
Lina Wang (Pennsylvania State University), Stanley Lim (Michigan State University), Elliot Rabinovich (Arizona State University)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Pinnacle Peak 1   JW Marriott Desert Ridge Resort

HEALTHCARE MANAGEMENT: Enhancing Healthcare Delivery via Telemedicine

This session explores the transformative impact of telemedicine on healthcare delivery and outcomes. We analyze nearly two million virtual visit encounters to assess how increased telemedicine use enhances care regularity and continuity, contributing to better patient health. We also investigate the factors influencing telemedicine adoption using machine learning methods, offering strategies to boost adoption rates. Finally, we examine the role of telemedicine in early Autism Spectrum Disorder (ASD) diagnosis, highlighting both its benefits and challenges. These insights provide a comprehensive view of telemedicine's potential to improve care efficiency and address systemic healthcare challenges.
Chair: Jane Iversen (The Ohio State University)

Improving Regularity and Continuity of Care: The Impact of Virtual Visit Utilization
Jane Iversen (The Ohio State University), Aravind Chandrasekaran (The Ohio State University)

Examining the factors of telemedicine adoption: A machine learning approach
Mumtahina Obaid (University of North Texas), Rifat Afrin (University of North Texas), Ahasan Harun (University of Texas Rio Grande Valley), gayle prybutok (university of north texas), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS))

Advancing Early Diagnosis: Telemedicine's Role in Autism Spectrum Disorder Detection
Kristen Raley (Northern Kentucky University), Rupesh Agrawal (Northern Kentucky University)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Pinnacle Peak 2   JW Marriott Desert Ridge Resort

HEALTHCARE MANAGEMENT: Healthcare Workforce and Hospital Performance

This session explores the impact of staffing and workload on healthcare performance and financial outcomes. We first analyze how nurse practitioner staffing levels influence hospital financial and operational metrics using the 2020 American Hospital Association dataset. Next, we examine the effects of nurse staffing ratios and skill mix on hospitals' financial performance and care quality in Pennsylvania, considering proposed legislation for minimum staffing levels. Finally, we investigate how physician workload intensity affects malpractice case frequency and payment amounts nationwide, providing insights into liability risk management. These studies offer valuable perspectives on optimizing staffing and managing healthcare risks.
Chair: Denise Bergdolt (University of Pittsburgh)

A Role of Nurse Practitioners for Hospital Performance
C. Christopher Lee (Central Connecticut State University), Junhyun Bae (Oakland University), Boo Yun Cho

(Jeju National University)

Impact of Nurse Staffing on Hospital Performance: A Case of Pennsylvania Hospitals, 2000-21.
Dinesh R Pai (Penn State Harrisburg), Esmaeil Bahalkeh (University of New Hampshire)

Physician Workload, Case Frequency, and Payment Determinants: A Comprehensive Study on U.S. Medical Malpractice
Denise Bergdolt (University of Pittsburgh), Prakash Mirchandani (University of Pittsburgh)

Examining the effects of Real Time Location Systems in Hospitals: The moderating role of operational complexity on inventory and quality performance
Rajib Dutta (University of Arkansas), David Dobrzykowski (University of Arkansas), Randy Bradley (University of Tennessee)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Grand Canyon 12JW Marriott Desert Ridge Resort

HUMANITARIAN OPERATIONS AND DISASTER MANAGEMENT: Digital Technologies and Innovation in Humanitarian Operations
This session will feature presentations examining the role of digital technologies and innovation in humanitarian operations.
Chair: Shahedur Rahman (Prairie View A&M University)

Digital Divide in the Eye of the Tropical Storms: The Impact of Wired Connectivity and Mobile Connectivity on Consumer Footprint
Xiaodan Pan (Concordia University), Isaac Elking (University of Houston - Downtown), John-Patrick Paraskevas (University of Tennessee), Alexandre Pace (Concordia University), Jun A. Zhang (NOAA's Atlantic Oceanographic and Meteorological Laboratory)

Examining the Role of Community Resilience in Social Media Use for Disaster Management
Shahedur Rahman (Prairie View A&M University), Louis Ngamassi (Prairie View A&M University), Thiagarajan Ramakrishnan (Prairie View A&M University)

Exploring the Impact of Generative Artificial Intelligence Use in Disaster Management Training: The Self-Determination Theory Perspective
Shahedur Rahman (Prairie View A&M University), Thiagarajan Ramakrishnan (Prairie View A&M University), Louis Ngamassi (Prairie View A&M University)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Grand Sonoran B JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: AI Adoption and Integration
This session features several papers exploring various aspects of AI adoption and integration. Attendees will learn about how to effectively adopt and integrate AI in different sectors.
Chair: Ali Sanayei (University of Isfahan)

AI Evolution in Your Hands: Investigating the Impact of Users' Perception in the Evolutionary Process of Artificial Intelligence in Mobile Banking
Ali Sanayei (University of Isfahan), Arash Adelpanah (University of Isfahan)

Enhancing Judicial Decision-Making: A Systematic Review of AI Model Evolution in Legal Processes
Ying-Chih Sun (East Central University), Mark Ogden (Bradley University), Robert Almarez (Bradley University), SHIH-SIAN (Sherwin) JHANG (Department of Finance, National Sun Yat-sen University), Winston T. Lin (The State University of New York, University at Buffalo)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Grand Sonoran A JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Societal Impact

The session covers the societal impacts of information technologies. Attendees will gain insights into issues related to gaming addiction, misinformation, and piracy.
Chair: Pankaj Sharma (University of Massachusetts Lowell)

Examining How Gamification Affordances Moderate the Stress-Coping Relationships for Online Gaming Addicts
Jason Deane (Virginia Tech), Tabitha James (Virginia Tech)

Understanding Online Misinformation Spread: A Social Computing Perspective
Pankaj Sharma (University of Massachusetts Lowell)

Understanding the Effectiveness of Fear-Based Messages in Anti-Piracy Educational Campaigns
Bong Keun Jeong (Coastal Carolina University)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Grand Canyon 9 JW Marriott Desert Ridge Resort

INNOVATION AND NEW PRODUCT DEVELOPMENT: Social Dynamics in Product Development

This session invites studies that address product development issues through the lens of social dynamics. Specifically, these studies disclose how social dynamics in the drug market, supply chains, and online social platforms affects new product development performance.
Chair: Ta-Wei Kao (Wayne State University)

The Development Of Precision Medicines: An Economic Impediment Or A New Model Of Drug Innovation?
Jingwen Yang (University of Nevada, Las Vegas)

Transferability of Status across Social Platforms: Evidence from Kickstarter and BoardGameGeek
Ta-Wei Kao (Wayne State University)

Collaborative New Product Development: Co-creating with a Shared Supplier in the Presence of a Competitor
Abhishek Roy (Temple University, Fox School of Business)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Desert Suite 4   JW Marriott Desert Ridge Resort

MANUFACTURING MANAGEMENT: Manufacturing Practice and Transformation

Case studies, empirical investigation, and views into the future of manufacturing.

Chair: Golnoush Javan (University of Toledo)

Improving Production Process Efficiency and Reduction Throughput Time with Just-In-Sequence (JIS): A Case Study of KIA Motors Georgia
Hwanyong Kim (Alabama State University), Byeonghwa Park (Valdosta State University)

Advancing Industry 5.0: Human-Centric Transformation and Its Antecedents
Golnoush Javan (University of Toledo), Benjamin George (University of Toledo), Steven Alexander Wallace (University of Toledo), Vatsal Paghadal (University of Central Missouri)

Strategic role of the factory manager: A case study on the Japanese manufacturing company
Mitsuhiro Fukuzawa (Seikei University)

An Empirical Analysis of Solar Cell Research and Commercialization in Comparison With Competing Energy Technologies
Pouriya Mosayebi (Georgia College & State University), Maddux James (Georgia College & State University), William Wright (Georgia College & State University)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Desert Suite 7   JW Marriott Desert Ridge Resort

OPERATIONS FINANCE INTERFACE AND ACCOUNTING: Economics and Finance - Supply Chain
TBA
Chair: Sudip Ghosh (Penn State Univ, Berks College)

Curse Those RMDs! No, Embrace Those RMDs!!! It is a Balancing Act!
Nathan Oestreich (San Diego State University), Julie Hansen (San Diego State University), Hung "Leon" C. Chan (San Diego State University)

Supply Chain Disruptions and Economic Growth
Sudip Ghosh (Penn State Univ, Berks College)

Exploring the Potential of CBDC in Transforming SME Supply Chain Finance
Vahid Mirzabeiki (University of Surrey), Nikolai Kazantsev (University of Surrey)

The Relationship Between Institutional Voids and Business Performance: The Impact of Market Response Strategies
FAKULIE ALFRED JAWARA (Korea University Business School), Hojung Shin (Korea University Business School)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Grand Canyon 13JW Marriott Desert Ridge Resort

PROCUREMENT AND SOURCING: Ethics and Justice in Supplier Management
In this session, three teams will present their empirical works that have ethics implications for sourcing practices, including code of conduct, commitments to climate change, and justice and equity.
Chair: Li Cheng (Michigan State University)

Does your consumer care who certifies your apparel? An experimental investigation of consumers' (dis)trust

and willingness-to-pay
Li Cheng (Michigan State University), Han Zhang (Michigan State University), Sriram Narayanan (Michigan State University)

Environmental Supply Chain Orientation and Science-Based Targets
William Diebel (University of South Carolina), Robert Klassen (Western University)

Dare to Cheat? - The Liabilities of Newness and Foreignness in Containing Sustainability
Mei Li (University of Oklahoma)

Interplay between resolution tactics of a supplier-induced disruption: The role of buyer uncertainty avoidance
Li Cheng (Michigan State University), Qiong Wang (University of Oklahoma), Christopher Craighead (University of Tennessee), Julie Li (City University of Hong Kong), Matthew Jensen (University of Oklahoma)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Grand Canyon 10JW Marriott Desert Ridge Resort

ROLE OF AI AND TECHNOLOGY IN THE CLASSROOM: Learning Outcomes and Perspectives of AI in Business Education (I)

This session focuses on learning outcomes and perspectives on the role and use of AI in business school curriculum.
Chair: Andres Fortino, PhD (New York University)

Grading in the Digital Age: Feedback from Professors vs AI
Andrew Zeiser (John Carroll University), La Toya Russell (John Carroll University), Ron Mickler (John Carrol University), Doan Winkel (John Carroll University)

Integration without Overreliance: Exploring future impacts of Large Language Models on knowledge and skill development in higher education
Tri Mikael Tran (University of Groningen), Misa Bakajic (Aalto University School of Business), Joona Ruissalo (Aalto University School of Business)

The Success Factors of Generative AI in Higher Education: Student Perspective
Khaled Alshare (Qatar University), Maisoun Sewailem (Qatar University), Mohammad Merhi (Indiana University South Bend)

Assessing the Accuracy and Reliability of LLMs in Classroom Analytics Exercises: Insights from Three Case Studies
Andres Fortino, PhD (New York University)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Pinnacle Peak 3   JW Marriott Desert Ridge Resort

SERVICE SYSTEMS AND OPERATIONS: Panel: Motivating Technology Management Research at the Operations Management Interface

The session aims to discuss: (1) interesting research questions related to Technology Management at the Operations Management Interface, (2) differences and similarities in focus between Operations Management and related business domains on these topics, (3) strategies for motivating these topics with clear contributions to scholars' affiliated disciplines, and (4) suggestions for paper positioning and submissions.
Moderator: Zenan Zhou (Arizona State University)

Panelists: Martin Dresner (University of Maryland), Mark Ferguson (University of South Carolina), Gregory Heim (Texas A&M University), Elliot Rabinovich (Arizona State University), Kingshuk Sinha (University of Minnesota)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Desert Suite 2   JW Marriott Desert Ridge Resort

SHOWCASE: Emerging Economies Showcase - Energy Investments
Emerging Economies Showcase - Assessing investments in energy security and consumption
Chair: Shashank Rao (Auburn University)

Designing Investment Plans for Electric Power Grids: Promoting Economic Growth and Ensuring Energy Security
GUL CULHAN KUMCU (TOBB ETU University of Economics & Technology), Mark Rodgers (Rutgers University Newark and New Brunswick), Kwon Gi Mun (California State Polytechnic University Pomona), Wenbo (Selina) Cai (New Jersey Institute of Tech, Newark)

Exploring the Impact of the Paris Agreement on the Nexus among CO2 Emissions, Economic Growth and energy consumption in Emerging Economies.
Noureddine Ben Lagha (Qatar University), Khalid Shams Al-Abdulqader (Qatar University)
Discussant: **Suman Niranjan**, *University of North Texas*

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Desert Suite 8   JW Marriott Desert Ridge Resort

STRATEGIC MANAGEMENT AND ENTREPRENEURSHIP: Disruptive Technology: Empowerment, Innovations, and Security
When facing many disruptive technologies, how can organizations adopt the technologies in a way that empower users, foster innovations, and ensure security?
Chair: Yi Guo (University of Michigan -- Dearborn)

The Factors Influencing an Organization's Information Security Strategy
Xiaodong Deng (Oakland University)

Intelligent Systems in Workplace: empowering users
Yi Guo (University of Michigan -- Dearborn)

Assessing and Enhancing Organizational Capabilities for Multilocational Work
Juha Eskelinen (Aalto University School of Business), Markku Juhani Kuula (Aaalto University School of Business)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Grand Canyon 5   JW Marriott Desert Ridge Resort

SUPPLY CHAIN RISK AND RESILIENCY: Resilience across the Supply Chain: Investigating the Role of Suppliers
Firms must consider the role of suppliers in order to build resilient and sustainable supply chains. One presentation in this session

presents a conceptual framework of the various dimensions of supply chain resilience in buyer-supplier relationships. Another presentation investigates the effect of "contagion" in buyer-supplier relationships and the importance of considering suppliers for building sustainable supply chains. A third presentation disucsses the importance of predictive analytics for estimating suppliers' vulnerability to disruptions.
Chair: Maximilian Stout (University of Exeter)

Supplier Environmental Stewardship: Unraveling Buyer-Supplier Dynamics Through Social Contagion and Resource Dependence Theory Perspective
Sophie Song (Bowling Green State University), Prabhjot Mukandwal (Wayne State University), Laharish Guntuka (Rochester Institute of Technology)

Predictive Analytics for Supplier Disruption: A Case Study in the Aerospace Sector
Maximilian Stout (University of Exeter), Roger Maull (University of Exeter)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Grand Sonoran J JW Marriott Desert Ridge Resort

SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Environmental Operations
Environmental Operations
Chair: Tianqin Shi (San José State University)

Information Strategies in the Reverse Supply Chain with Blockchain Technology
Tianqin Shi (San José State University), Ni Peng (Shenzhen University), Yanting Huang (Shenzhen University)

Stationary vs mobile batteries to stabilize and sustain the grid
Siddharth Singh (University College London), Karthik Murali (Oregon State University), Owen Wu (Indiana University), Mesut Yavuz (University of Alabama)

Environmental Innovations as a Source of Competitive Advantage: When Does It Pay to be "Green"?
Arda Yenipazarli (Georgia Southern University)

Too Good to Go: Combating Food Waste with Surprise Clearance
Luyi Yang (University of California Berkeley), Man Yu (HKUST)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Grand Canyon 11 JW Marriott Desert Ridge Resort

WORKSHOP: Big Data Algorithm for Theory Building: Advice and Caution
Machine learning (ML) algorithms are increasingly being deployed to support the building of theory for scientific inquiry. In this workshop, we discuss how algorithm-supported induction supports the building of theories, describe a recent procedure identified in literature to conduct algorithm-supported induction for building theories, and surface conditions to abandon algorithm-supported induction for buildings theories.
Workshop Coordinators: Kedong Chen (Rensselaer Polytechnic Institute), Kevin W. Linderman (The Pennsylvania State University), Manus Rungtusanatham (University of Cincinnati), Hung-Chung Su (University of Michigan-Dearborn)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Grand Sonoran I   JW Marriott Desert Ridge Resort

WORKSHOP: Blockchain and Web 3.0 Part 2

This three-hour workshop will provide participants with a comprehensive introduction to Blockchain technology and its potential to transform business models in the web3 era. Attendees will learn the fundamental concepts of Blockchain, including decentralization, tokenization, and smart contracts. They will then explore how Blockchain can be applied to various use cases, focusing on supply chain management.

Workshop Coordinators: Nikhil Varma (Ramapo College), Chirag S Surti (Rider University)

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Saturday, Nov 23rd, 2024, 10:00-11:30 a.m. | Grand Sonoran K JW Marriott Desert Ridge Resort

WORKSHOP: Meet the Journal Editors

This panel will tap the perspectives of the editors of the leading journals across several disciplines that are encompassed within the decision sciences. Editors will share their perspectives on the current state of research in their discipline, the publication process in their journals, and future trends and directions.

Workshop Coordinator: Annibal Camara Sodero (The Ohio State University)

Presenters: Elliot Bendoly (The Ohio State University), Wendy Tate (University of Tennessee, Knoxville), Steven Carnovale (Florida Atlantic University College of Business), Xenophon Koufteros (Texas A & M University), Glenn Richey (Auburn University)

Saturday, Nov 23rd, 2024, 10:30-11:15 a.m.

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Saturday, Nov 23rd, 2024, 10:30-11:15 a.m. | Grand Sonoran G JW Marriott Desert Ridge Resort

DOCTORAL CONSORTIUM: Writing an Introduction

Session 3 – Writing an introduction

Presenter: Christopher Craighead (University of Tennessee)

Coordinator: **Alex Scott**, *University of Tennessee*

Saturday, Nov 23rd, 2024, 10:35-11:20 a.m.

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Saturday, Nov 23rd, 2024, 10:35-11:20 a.m. | Grand Sonoran C JW Marriott Desert Ridge Resort

EARLY CAREER FACULTY DEVELOPMENT CONSORTIUM: Industry Engagement

Session 3 – Industry Engagement: To stay relevant in the classroom and research, we may partner with companies for ideas and data. How can we establish such relationships?

Moderator: Veronica Villena (Arizona State University)

Panelists: Janet Hartley (Bowling Green State University), Thomas Choi (Arizona State University), Karthik Natarajan (Univeristy of Minnesota)

Saturday, Nov 23rd, 2024, 11:15 a.m.-12:00 p.m.

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Saturday, Nov 23rd, 2024, 11:15 a.m.-12:00 p.m. | Grand Sonoran GJW Marriott Desert Ridge Resort

DOCTORAL CONSORTIUM: Meet the Faculty!

Session 4 – Small group sessions – meet the faculty!

Presenters: Keith Skowronski (University of South Carolina), Claudia Rosales (University of Arkansas), Sriram Narayanan (Michigan State University), John-Patrick Paraskevas (University of Tennessee), Robert Wiedmer (Arizona State University), Simone T. Peinkofer (Michigan State University), Christopher Craighead (University of Tennessee)

Coordinator: **Alex Scott**, *University of Tennessee*

Saturday, Nov 23rd, 2024, 11:25 a.m.-12:00 p.m.

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Saturday, Nov 23rd, 2024, 11:25 a.m.-12:00 p.m. | Grand Sonoran CJW Marriott Desert Ridge Resort

EARLY CAREER FACULTY DEVELOPMENT CONSORTIUM: Balancing Act and Conclusions

Session 4 – Balancing Act: Although teaching and research consume much of our time, it will not survive without service, internal and external. How can we balance research, teaching, service and life?

Moderator: Veronica Villena (Arizona State University)

Panelists: Karen Donohue (Arizona State University), Elliot Bendoly (The Ohio State University)

Saturday, Nov 23rd, 2024, 11:30 a.m.-1:00 p.m.

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Saturday, Nov 23rd, 2024, 11:30 a.m.-1:00 p.m. | Grand Canyon 6 - 7JW Marriott Desert Ridge Resort

MEAL: Saturday Lunch On Your Own

Enjoy lunch with colleagues at the variety of venues available at the hotel or nearby.

Saturday, Nov 23rd, 2024, 1:00-2:30 p.m.

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Grand Canyon 3   JW Marriott Desert Ridge Resort

BEHAVIORAL OPERATIONS MANAGEMENT: Performance and Leadership

Performance and Leadership.

Chair: Abdullah Al Masum (Westcliff University)

Exploring the Impact of Leadership Styles and Employee Psychopathy on Organizational Dysfunction

Muhammad Ruhul Amin (Lincoln Memorial University), Leonel Prieto (Texas A&M International University), Muhammad Rofiqul Islam (Texas A&M International University)

Impact of Leadership Styles on Performance metrics: Evidence from Developed and Developing economies

Abdullah Al Masum (Westcliff University), Sathi Khandakar (Post-Graduated in Economics)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Grand Sonoran E - 2 JW Marriott Desert Ridge Resort

BOARD MEETING: Northeast DSI Board Meeting

A meeting of the members of the NEDSI Board of Directors.

Members: Theo Bonitsis (NJIT), Neil Desnoyers (St. Joseph's University), Xiangrong Liu (Bridgewater State University), Dinesh R Pai (Penn State Harrisburg), Afrooz Moatari-Kazerouni (Widener University), Ju Myung Song (University of Massachusetts Lowell), Soheil Sibdari (UMASS Dartmouth), EunSu Lee (New Jersey City University), Haleh Karimi (Bellarmine University), Raktim Pal (James Madison University), Joy Field (Boston College)

Chair: **Amit Arora**, *University of the District of Columbia*

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Grand Canyon 2   JW Marriott Desert Ridge Resort

BUSINESS ANALYTICS: Novel Topics in AI

This session includes various new research and a review related to AI including fair AI algorithms, AI for sustainable supply chains, responsible AI, and AI in Healthcare.

Chair: Meysam Rabiee (University of Colorado Denver)

Detecting and Mitigating Bias in AI Algorithms to Ensure Fairness

Ryan Hogg (State University of New York, Plattsburgh), Sage Zimmerman (State University of New York, Plattsburgh), Rohit Rampal (State University of New York, Plattsburgh)

Towards responsible AI through clustered interpretability: Developing metrics and a framework with social good implications

Matt Baucum (Colorado State University), Meysam Rabiee (University of Colorado Denver)

AI in Healthcare: Bridging the Gap Between Early Disease Detection and Privacy Protection

Abhijeet Kumar (MSSU)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Grand Sonoran E - 1 JW Marriott Desert Ridge Resort

COMMITTEE MEETING: Information Management Committee

A meeting of the members of the DSI Information Management Committee.

Members: Claudia Rosales (University of Arkansas), Michel Fathi (University of North Texas), Cheryl Aasheim (University of Florida), Elena Olson (Virginia Commonwealth University), William D Senn (Tarleton State University)

Chair: **Jason Deane**, *Virginia Tech*

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Grand Sonoran D   JW Marriott Desert Ridge Resort

DATA, ANAYLYTICS AND STATISTICS INSTRUCTION (DASI): What is the Role of Hypothesis Testing and other Statistical Procedures in Analytics Instruction?

Statistical hypothesis testing and other procedures have been historically integral for data analysis instruction. Session will begin with an overview of common hypothesis testing misunderstandings. Next will be a look back at the evolution from an emphasis on calculation of important statistics to interpretation of computer calculated statistics. Finishing discussion will be on what should we be moving away from and what should we be moving toward for instruction for students entering the world of AI models with a focus on analytics for data-based decision making.

Chairs: Robert Andrews (Virginia Commonwealth University), Kellie Keeling (University of Denver)

Presenters: Reza Kheirandish (Clayton State University), Bob McQuaid (Perpperdine University), David Stephan (Two Bridges Instructional Technology)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Desert Suite 4   JW Marriott Desert Ridge Resort

DECISION SCIENCES IN PRACTICE: AI Applications: Exploring Innovative Integrations and Risk Evaluations

The conference session on "AI Applications" brings together groundbreaking studies that delve into diverse uses of AI across industries, from IT principles integration to higher education, technology adoption, and collaborative problem-solving. The session highlights how AI is transforming various sectors by enhancing decision-making processes, mitigating risks, and fostering human-AI collaboration.

Chair: Andres Fortino, PhD (New York University)

AI-Enhanced Decision-Making: Integrating Information Technology Best Practices With Expert Insight
Andres Fortino, PhD (New York University), Weiyun Zhang (New York University)

Decision Support Model for Understanding Freshmen Student Attrition with Machine Learning
Kazim Topuz (The University of Tulsa), Narges Salehin (The University of Tulsa)

Exploration and Application of the Information Technology Adoption Risk Evaluation Decision-Making Scorecard
Scott Warren (University of North Texas), Kimberly Grotewold (Texas A&M San Antonio), Dennis Beck (University of Arkansas)

The AI-Human Collaboration and Moderation Effect of Problem Idiosyncrasy and Knowledge Tacitness
Baiyun Gong (Nova Southeastern University), Xiaochuan Song (Texas A&M University - Kingsville)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Grand Canyon 1   JW Marriott Desert Ridge Resort

DIVERSITY, EQUITY AND INCLUSION: Data-driven Solutions for Operational Equity

In this session, we explore the strategic use of data to enhance equity in public services, judicial fairness, and agricultural efficiency.

Chair: Iman Attari (Indiana University Bloomington)

Decoding Justice: Decision Factor Analysis Unraveling Bias

Lanqing Du (Drexel University), Jinwook Lee (Drexel University), Sung-Cheol Kim (FM Global), Matthew Schneider (FM Global)

Leveraging E-Government data to ensure equitable access to public services during a slow-onset disaster

Duygu Pamukcu (HEC Montreal), Christopher W Zobel (Virginia Tech)

Climate Smart Staffing for Harvest Operations

Sanchita Das (University of Washington)

Towards an Operational Assessment Framework for Assessing Person-Job Fit

Bhavjot Singh (Michigan State University), Sriram Narayanan (Michigan State University), Rajiv Ranganathan (MSU), Hung Jen Kuo (MSU)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Desert Botanical GardenJW Marriott Desert Ridge Resort

DOCTORAL CONSORTIA LUNCHEON: Luncheon for Doctoral Consortia Participants

Attendees of the Doctoral Consortia are invited to this luncheon to continue discussions, network and meet colleagues. NOTE: this luncheon is for registered Doctoral Consortia attendees only.

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Pinnacle Peak 2   JW Marriott Desert Ridge Resort

HEALTHCARE MANAGEMENT: Improving Health Care Quality through Enhanced Technology Adoption and Accessibility

This session addresses key issues in healthcare accessibility and technology. We first investigate how HIV stigma, sexuality, and awareness of housing assistance impact access to housing for individuals with HIV/AIDS, highlighting the need for socioecological and interdisciplinary interventions. Next, we evaluate the effectiveness of online clinic appointment systems, focusing on patient experiences and identifying optimization opportunities to enhance performance and satisfaction. Finally, we explore the role of artificial intelligence in healthcare, specifically its use in predicting diseases, improving treatment consistency, and aiding in pandemic management. These studies offer insights into improving housing access, patient care, and healthcare innovation.

Chairs: Xianghui (Richard) Peng (Penn State Erie, The Behrend College), Heng Xie (California State University, Sacramento)

Barriers to Housing Access for People Living With HIV/AIDS

arthur s chaminuka (university of north texas), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS))

Evaluating the Effectiveness of Online Clinic Appointment System: A Multi-Study Approach

Heng Xie (California State University, Sacramento), Xianghui (Richard) Peng (Penn State Erie, The Behrend

College), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS))

The Use of Artificial Intelligence in Prediction of Hospitalization and Mortality
Marwah Ahmed Halwani (king Abdulaziz University), Manal Ahmed Halwani (king Abdulaziz University), Yolanda Obaze (University of Evansville), Efosa Odiase (Heriot-Watt University, Riccarton)

Overcoming Security Challenges in Healthcare Data Mining through Data Self-protection and Artificial Intelligence
Aurore Jose Kamssu (Tennessee State University), Dominick T Kamssu (Vanderbilt University)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Pinnacle Peak 1   JW Marriott Desert Ridge Resort

HEALTHCARE MANAGEMENT: Improving Patient Outcomes Through Timely Care Practices
This session explores factors impacting healthcare efficiency and patient outcomes. We investigate how the deadline effect influences the timely administration of Tissue Plasminogen Activator (TPA) for stroke patients, aiming to identify ways to mitigate delays. We also analyze how waiting times for rehabilitation services affect discharge decisions, using machine learning to enhance discharge planning and patient outcomes. Lastly, we examine how standardizing Electronic Health Record (EHR) documentation tasks impacts physician timeliness, revealing that while standardization reduces appointment delays, it can extend appointment durations. These insights provide strategies for improving operational efficiency and patient care in healthcare settings.
Chair: Brandon Lee (University of Dayton)

Deadline Effect in Stroke Patient Care
Brandon Lee (University of Dayton), Seokjun Youn (University of Arizona), Lawrence Dean Fredendall (Clemson University)

Exploring the Effect of Patient Waiting Time to Initial Evaluation on Patient Health Outcome in Acute-care Settings
Yong-Taek Min (Florida Gulf Coast University), Elias Kirche (Florida Gulf Coast University), Rajesh Srivastava (Florida Gulf Coast University), David P Brown (Lee Health), Kathleen Swanick (Florida Gulf Coast University)

Reducing Appointment Delays: The Impact of Standardized EHR Usage on Physician Timeliness
Umit Celik (UNC-Chapel Hill, Kenan Flagler Business School), Sandeep Rath (UNC Kenan-Flagler Business School), Brad Staats (UNC Kenan Flagler Business School)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Pinnacle Peak 3   JW Marriott Desert Ridge Resort

HEALTHCARE MANAGEMENT: Using EHR for data-informed healthcare delivery
This session explores EHR use in healthcare delivery.
Chair: Mitra Lal Devkota (University of North Georgia)

The Health Beliefs Model and Social Support Theory Related to Anxiety of Electronic Health Record Systems
Hsin-Hsin Chang (NCKU), Yun-An Yeh (National Cheng Kung University), You-Hung Lin (NCKU), Shih-Shuo Yeh (NCKU), Chen-Hung Lin (NCKU)

Integrating Technical and Human Elements to Enhance EHR Security: A Comprehensive Review of Vulnerabilities, Safeguards, and Training Effectiveness
Rupesh Agrawal (Northern Kentucky University), Amber Dawn Evans (Northern Kentucky University)

The Impact of Electronic Health Record Systems: A Process Perspective
Maryam Memar Zadeh (The University of Winnipeg)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Grand Canyon 12   JW Marriott Desert Ridge Resort

HUMANITARIAN OPERATIONS AND DISASTER MANAGEMENT: Humanitarian and Behavioral Operations

The session's purpose is to present research that applies behavioral methods or theory to humanitarian operations topics.
Chair: Gabriel Alfonso Pensamiento Calderon (University of Pittsburgh)

Assigning Volunteers to Beneficiaries in a Non-Profit Organization
Shikha Safaya (Georgia Tech), Basak Kalkanci (Georgia Tech), Ravi Subramanian (Georgia Institute of Technology)

Reference-dependent effects in volunteering: Expected vs. experienced effort
Gabriel Alfonso Pensamiento Calderon (University of Pittsburgh), Leon Valdes (University of Pittsburgh), Mahyar Eftekhar (Arizona State University)

Humanitarian Logistics and Beneficiary Outcomes: A Holistic Wellness Approach
Iana Shaheen (University of Arkansas), Arash Azadegan (Rutgers University), Carlo Mora-Monge (New Mexico State University)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Grand Sonoran B   JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: AI and Organizations 2

This session includes papers that examine the impact of AI within organizations. Attendees will gain insights into managing AI-driven change, and learn about strategic implications of AI integration in organizational settings.
Chair: Farzaneh Moghadam (University of North Texas)

Factors Influencing Artificial Intelligence (AI) Use in Organizations
Thiagarajan Ramakrishnan (Prairie View A&M University), Hock Gin Chong (Prairie View A&M University)

"Leadership Enhanced by Artificial Intelligence: Competencies, Ethics, and a Strategic Vision"
Farzaneh Moghadam (University of North Texas)

The Influence of Organizational Culture on AI adoption and Organizational Performance
Wilfred Mutale (Dakota State University), Omar El-Gayar (Dakota State University)

Does Information Adoption from Generative AI Lead to Herding Intention?
Jeta Majumder (University of Texas Rio Grande Valley), Xuan Wang (University of Texas Rio Grande Valley), Yaojie Li (University of New Orleans)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Grand Sonoran A   JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Management and Applications of Mobile and Computation Technologies

This session explores resource utilization for technology and innovative computational methods. Attendees will gain insights into best practices for managing computational resources, real-world applications, and the strategic implications of leveraging computation technology to drive organizational success.

Chair: Lanlan Zhu (University of North Texas)

An Approach for Safe Resource Utilization and Load Balancing Using PAAS-Integrated Cloud Computing Strategies

Tarun Diwan (Govt. E. R. R. P.G. Science College Bilaspur, Chhattisgarh), Rakesh Sharma (University of Maryland Eastern Shore), Ajay Tiwari (Saraswati Mahavidyalay Bilaspur, Chhattisgarh)

Unveiling Consumer Adoption of Drone-Based Prescription Deliveries: Insights from PLS-SEM and NCA Analyses Approach

Lanlan Zhu (University of North Texas), Vipul Garg (Texas A&M University-San Antonio), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS)), Suman Niranjan (University of North Texas), Terrance Pohlen (Department of Logistics and Operations Management)

Learn how to make accurate estimates: Calibration training with an interactive online application

Christine Schmitz (University of Bonn), Eike Luedeling (University of Bonn), Cory Whitney (University of Bonn)

Leveraging Swarm Intelligence Algorithms for Optimizing Task Allocation in Mobile Edge Computing

Yung-Ting Chuang (National Yang Ming Chiao Tung University), Hung-Yen Wu (National Yang Ming Chiao Tung University)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Grand Canyon 9   JW Marriott Desert Ridge Resort

INNOVATION AND NEW PRODUCT DEVELOPMENT: Technologies and Innovation in Supply Networks

This invited session discusses various factors (technological, operational, or structural) that induce and advance innovations for the member firms in a supply network. In that context, innovation can manifest itself on various levels, including individual firms, their groups, or a bigger component of a supply network. A set of research projects invited to this session will present and discuss insights on how companies can leverage various resources and their advantageous positions within their supply networks to improve their performance and competitive advantages.

Chair: Yusoon Kim (Oregon State University)

Adapting to market uncertainties: The effect of industry concentration on supplier differentiation

Xiaojin Liu (Virginia Commonwealth University), Feng Cheng (Towson University), Kedong Chen (Rensselaer Polytechnic Institute), Pankaj Kumar (Virginia Tech)

Efficiency-innovation trade-off in creative industries: The role of designers and designers teams

Yi-Su Chen (University of Michigan-Dearborn), Kedong Chen (Rensselaer Polytechnic Institute), Yuhong Li (Old Dominion University)

Firm-level small-worldliness characteristics and effects

Yusoon Kim (Oregon State University), Hyunwoo Park (Seoul National University)

Moderation Effects of Network Overlap in Software Developer Selection

Yingchao Lan (UNL), Tingting Yan (Texas Tech University), Brett Massimino (VCU)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Grand Canyon 11   JW Marriott Desert Ridge Resort

INNOVATIVE EDUCATION: Soft Skills in Business Schools
This session presents various projects focused on developing soft skills in business schools.
Chair: Sohel Ahmad (Saint Cloud State University)

Developing country students and their family's paradoxical financial decisions to study college abroad
Mai Chi Ly Khanh (North Gwinnett High School), Thu Trang Hoang (University of Nebraska Omaha)

Job skills demanded by employers: Pre and post Covid perspectives
Sohel Ahmad (Saint Cloud State University)

Teaching Team Work and Leadership Using Workbooks
Todd Palmer (ST. BONAVENTURE UNIVERSITY), JINJING ZHU (ST. BONAVENTURE UNIVERSITY)

Understanding job skills for business graduates through the lens of economic cycle
Sohel Ahmad (Saint Cloud State University)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Grand Canyon 4   JW Marriott Desert Ridge Resort

INNOVATIVE EDUCATION: Teaching Business Analytics
This session presents various projects focusing on teaching business analytics in business schools.
Chair: Sima Parisay (Cal Poly Pomona)

Integrating Multiple Analytics Platforms to Teach Data Mining
Liang Chen (West Texas A&M University)

Integrating Economic Analysis and Consumer Surveys into the Capstone Design Project for Engineering Product Development
Shahriar Hossain (Northwestern State University)

The Correlation of MST and MSE, A Simple Explanation of the Association of Unequal Skewness with F Test Power
Mark Eakin (University of Texas at Arlington)

Inclusion of Critical Thinking in Pedagogy of Linear Programming Course: Case 1
Sima Parisay (Cal Poly Pomona)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Desert Suite 7   JW Marriott Desert Ridge Resort

OPERATIONS FINANCE INTERFACE AND ACCOUNTING: Peer-to-Peer Trading, Crowdfunding, and Cryptocurrency in Operations-Finance Interface
This session includes research on peer-to-peer trading, crowdfunding, cryptocurrency at the interface of operations and finance.
Chair: Yiyi Fan (Lancaster University)

Virtual Microgrids: Implications of Peer-to-Peer Trading of Renewable Energy for Renewable Energy Investment and Electricity Pricing
Seulchan Lee (Michigan Technological University), Alexandar Angelus (Texas A&M University)

Effect of a Wholesale Price Contract on the risk of Delivery Failure in a Crowdfunding Campaign
Joyaditya Laik (Bucknell University), Nabita Penmetsa (The University of Utah), Qian (Ken) ZHANG (Cal Poly Pomona / University of Pittsburgh)

Will Cryptocurrency Cross the Payment Chasm
Ross Malaga (Montclair State University), Deniz Appelbaum (Montclair State University)

Blockchain in Accounting and Auditing: Earnings Management Applications
Khaled Abdou (Penn State University)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Desert Suite 6   JW Marriott Desert Ridge Resort

Pearson Focus Group
An invite session for Pearson.
Chair: **Lauren Lopez**, *Pearson*

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Desert Suite 5   JW Marriott Desert Ridge Resort

Predictive Analytics in an Interactive No Code Environment
Predictive models have become the cornerstone of analytics and data mining courses. Many modern methods have proven to be quite successful in a wide range of applications and types of data. In this presentation, a statistical scientist from JMP will demonstrate how many different modeling techniques (i.e, partition, neural nets, support vector machines, K nearest neighbors, stepwise, etc) can be quickly built, evaluated, visualized, and compared in an interactive "no code" environment. The audience will see how this approach not only greatly expedites data analysis efforts, but provides students with a much richer and more engaging experience to learning predictive analytics.
Chair: Kevin Potcner (JMP Statistical Software)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Grand Canyon 13   JW Marriott Desert Ridge Resort

PROCUREMENT AND SOURCING: Issues in Procurement
Research in this session examines issues in procurement including information sharing, order frequency, and RFP criteria.
Chair: Toyin Clottey (Wayne State University)

Evaluating the impact of shared imprecise information on Fixed-Bin-Selective Assembly
Toyin Clottey (Wayne State University), WC Benton (The Ohio State University)

The more, the better? The pitfall of frequent orders in a restaurant
Sangjoon Lee (Yonsei University), Bosung Kim (Kyung Hee University)

Which RFP award criteria should the US federal government use more often?
Beverly Osborn (Indiana University)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Desert Suite 3 — JW Marriott Desert Ridge Resort

QUALITY MANAGEMENT AND LEAN OPERATIONS: Modeling Applications and Other Miscellaneous Quality Related Topics

This session will have authors covering various quality related aspects using modeling techniques.

Chair: Matt Harrington (Illinois State University)

Emphasizing Quality and Creativity in Online Auction Item Descriptions: Impacts on Purchasing Decisions
Andrew Manikas (University of Louisville), E. Shaunn MAttingly (Boise State University), James Kroes (Boise State University), Garrett McBrayer (Boise State University)

Performance Evaluation of Two-Stage Screening Procedure Via Markov Chain Monte Carlo Method
Young H Chun (Louisiana State University)

Research on the Standardization Construction and Development Strategy of Chinese Fencing
Yue Wang (Tongji University), Tianfeng Lu (Tongji University)

Understanding Urban Sewer Infrastructure Maintenance Inefficiencies Through Process Modeling Technique
Matt Harrington (Illinois State University), Borinara Park (Illinois State University)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Grand Sonoran H — JW Marriott Desert Ridge Resort

SHOWCASE: Doctoral Research Showcase - ESG

Sponsored by Rutgers Business School, this session features Doctoral Research Showcase presentations - ESG.

Chair: Jae Park (New Jersey Institute of Technology)

Fast-food stores with a drive-through recovered post-pandemic; Stores without did not
Partha Sarathi Mishra (Kellogg, Northwestern University), Sunil Chopra (Kellogg, Northwestern University), Ioannis Stamatopoulos (McCombs, UT Austin)

Impact of Clean Truck Programs on the Adoption of Environmentally Friendly Equipment
Chinedu Ufodike (University of Tennessee,Knoxville), Alex Scott (University of Tennessee), Bolumole Yemisi (University of Tennessee)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Desert Suite 2 — JW Marriott Desert Ridge Resort

SHOWCASE: Emerging Economies Showcase - Finalists

Emerging Economies Showcase - Finalists' Presentations

Chair: Robert Wiedmer (Arizona State University)

Implications of Reverse Logistics Strategies for Selling Refurbished Products
Shipra Shukla (IIM kashipur), Abhishek Srivastava (IIM kashipur), Nagesh Murty (University of Oregon)

Persistence Pays? The Effect of Buyer-Supplier Relationship Tenure on Buyer's Market Performance

Nitin Jain (Indian Institute of Management Udaipur), Anirbhan Adhikary (IIM Udaipur), Sreejith Kumar Krishnakumar (Indian Institute of Management Udaipur), Sourav Bikash Borah (Indian Institute of Management Ahmedabad)
Discussant: **Heng Chen**, *University of Nebraska-Lincoln*

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Desert Suite 8   JW Marriott Desert Ridge Resort

STRATEGIC MANAGEMENT AND ENTREPRENEURSHIP: Strategic Decision-Making and Performance in Organizational Contexts

This session explores how strategic decision-making influences organizational performance in various contexts such as university management, international entry modes and geographic considerations, highlighting the importance of information, knowledge, and strategic choice in optimizing outcomes.
Chair: Ming-Chao Wang (Yuan Ze University)

International Entry Modes, CEO Tenure, and Firm Performance
WANRONG HOU (University of Texas Rio Grande Valley), Steve Lovett (University of Texas Rio Grande Valley), Mingming Du (University of Texas Rio Grande Valley), Hong Qin (University of Texas Rio Grande Valley)

The strategies between geographic location and network relationship on innovation performance: A contingency model
Ming-Chao Wang (Yuan Ze University), Shao-Chun Chuang (Yuan Ze University), Pei-Chen Chen (Tainan University of Technology)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Grand Sonoran I   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: Emerging Technologies in Supply Chains

Topics relating to emerging technologies in supply chains.
Chair: Ali Raoufi (University of Rhode Island)

Electric Vehicle Closed-loop Supply Chain: A Game Theory Approach with Blockchain Integration
Ali Raoufi (University of Rhode Island), Mahtab Kouhizadeh Kouhizadeh (University of Rhode Island), Yuwen Chen (University of Rhode Island)

Exploration of Blockchain technology adoption potential in airline spare parts supply chain
Gervais Tchoutan Ngoudjou (The University of Rhode Island), Muhammad Hasan Ashraf (California State University Long Beach), Mahtab Kouhizadeh Kouhizadeh (University of Rhode Island), Derek Dubois (The University of Rhode Island), Mehmet Gokhan Yalcin (The University of Rhode Island)

Impact of the Key Blockchain Technology Capabilities on the Supply Chain Safety Stock Costs
Gangaraju Vanteddu (Southeast Missouri State University)

VR and Gamification in Donation Behavior Modification: First Observations
Hee Yoon Kwon (The Citadel, The Military College of South Carolina)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Grand Canyon 5   JW Marriott Desert Ridge Resort

SUPPLY CHAIN RISK AND RESILIENCY: Adaptation Strategies for Enhancing Supply Chain Resilience

This session explores advanced strategies for managing supply chain disruptions. Each of the presentations investigates how different strategies can influence supply chain resilience. The first presentation investigates how dark triad traits and long-term orientation influence buyers' decisions between imposing penalties or providing financial assistance to suppliers. The second presentation introduces "Time-to-Adapt" (TTA), a framework assessing how manufacturers can enhance adaptability. The third talk focuses on leveraging ecosystems to build supply chain resilience in a post-Covid world. The final presentation proposes the IcyHot model, which integrates adaptability, resilience, and strategic fortitude, offering a comprehensive approach to managing disruptions.

Chair: Akram Khattab (University of Toledo)

Swift Resilience: Navigating Uncertainties in Supply Chains in the Fortitude Era
Kathleen Iacocca (Villanova University)

Imposing Penalty versus Providing Financial Assistance to Suppliers During Disruptions: What Roles Do Dark Triad Traits and Long-Term Orientation Play?
Akram Khattab (University of Toledo), Heba Abdel-Rahim (University of Toledo)

Use of ecosystems to enhance supply chain resilience
Barry Brewer (Brigham Young University)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Grand Sonoran C   JW Marriott Desert Ridge Resort

SUPPLY CHAIN RISK AND RESILIENCY: Empirical Research in Supply Chain Disruptions and Resilience

This session focuses on supply chain risk and disruptions, with a special emphasis on post-disruption resilience and recovery. The papers in this track utilize secondary data and econometric methods to explore the drivers of resilience and post-disruption recovery. Recovery is observed at both the firm and individual levels.

Chair: John-Patrick Paraskevas (University of Tennessee)

Investigating the Impact of Social Vulnerability on Retail Foot Traffic During Tropical Cyclones
Isaac Elking (University of Houston - Downtown), Xiaodan Pan (Concordia University), John-Patrick Paraskevas (University of Tennessee)

The Impact of Hyper-Local Disruptions on Supply Chain Plasticity: The Moderating Role of Centrality and Clustering
Laharish Guntuka (Rochester Institute of Technology), Steven Carnovale (Florida Atlantic University College of Business), Ellie Falcone (Texas Christian University)

The Influence of Top Management Team Characteristics on Supply Chain Risk Management Decisions.
John-Patrick Paraskevas (University of Tennessee), Laharish Guntuka (Rochester Institute of Technology), Camil Martinez (Universidad de Los Andes), Tom Corsi (University of Maryland)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Grand Sonoran J   JW Marriott Desert Ridge Resort

SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Sustainability and Social Responsibility in Supply Chains

Sustainability and Social Responsibility in Supply Chains
Chair: Wayne Fu (University of Michigan-Dearborn)

The Sustainable Advantage: Investigating Sustainability Reporting Effects on Cost of Debt
A. A. Ousama (Qatar University), A. H. Fatima (International Islamic University Malaysia), Amna Riaz (Qatar University)

Effects of University Social Responsibility on Consumer Sustainable Consumption Intention
Dongjun Rew (Colorado Mesa University), Wonsuk Cha (Governors State University), Joo Jung (University of Texas Rio Grande Valley)

Centralized and Decentralized Sustainability Leadership in Firms
Yu Liu (Saginaw Valley State University)

Post disaster and climate change economic and social effects
Hulya Julie Yazici (Florida Gulf Coast University)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Grand Sonoran K   JW Marriott Desert Ridge Resort

SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Sustainability in Supply Chains II

Sustainability in Supply Chains II
Chair: Henry Aigbedo (Oakland University, Michigan)

Blockchain: Fixing the Achilles Heel of Climate Action
Nikhil Varma (Ramapo College), Chirag S Surti (Rider University)

Fostering Sustainability through Meaningful Innovations and Collaborations for a Better Future
Muratcan Erkul (Kutztown University), Hale Kaynak (The University of Texas Rio Grande Valley), Kwanheui Cheon (Missouri Southern State University)

Building a Resilient and Sustainable Supply Chain: A Multiple Case Study of American Manufacturing and Services Firms
Jean C. Essila (Grand Valley State University), Jaideep Motwani (Grand Valley State University), Asli Akbulut (Grand Valley State University)

Evaluating Firms' Performances on Three Dimensions of Sustainability
Henry Aigbedo (Oakland University, Michigan)

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Saturday, Nov 23rd, 2024, 1:00-2:30 p.m. | Grand Canyon 10   JW Marriott Desert Ridge Resort

WORKSHOP: Meet the Editors of DSI Journals

Get up close and personal with the editors of the Decision Sciences Institute's Journals. The editors will share their insights into what they are looking for and how to successfully position your work to be published in the Decision Sciences Journal and the Decision Sciences Journal of Innovative Education.
Workshop Coordinator: Xenophon Koufteros (Texas A & M University)
Presenters: Sri Talluri (Michigan State University), Pedro Reyes (Baylor University), Ashish Gupta (Auburn

University)

Saturday, Nov 23rd, 2024, 2:30-2:50 p.m.

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Saturday, Nov 23rd, 2024, 2:30-2:50 p.m. | Grand Canyon 6 - 7 JW Marriott Desert Ridge Resort

COFFEE BREAK: Co-sponsored by Cengage and Penn State Erie

Coffee and tea break. Visit Exhibitors as well!

Saturday, Nov 23rd, 2024, 2:50-4:20 p.m.

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Saturday, Nov 23rd, 2024, 2:50-4:20 p.m. | Grand Sonoran D   JW Marriott Desert Ridge Resort

DATA, ANALYTICS AND STATISTICS INSTRUCTION: Preparing Students with Vital Skills for Success as Data Analysis Professionals

Success in a data analysis career requires more than knowledge of and proficiency with analysis methods and software. Proficiency in communication, managing people and projects, and knowing the right balance between project goals and time to devote to an effort is often the make-or-break of a successful project. Analysis matters only to the extent that it helps solve problems people care about and that involves more than wrangling, analyzing, and visualizing data. Strategies for course and curriculum design will be discussed as well as how we can best prepare students for the workforce.

Chairs: Robert Andrews (Virginia Commonwealth University), Kellie Keeling (University of Denver)
Presenters: Kevin Potcner (JMP Statistical Software), Cliff Ragsdale (Virginia Tech), Norean Sharpe (St. Johns University)

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Saturday, Nov 23rd, 2024, 2:50-4:20 p.m. | Grand Sonoran F   JW Marriott Desert Ridge Resort

KEYNOTE: EV Revolution: Why Supply Chains Must Adapt or Die

The rise of Electric vehicles (EVs) is reshaping global supply chains, requiring innovative strategies to manage new materials, technologies, supply chain partners, and market dynamics. To ensure their survival and competitiveness, automotive supply chains must adapt. This keynote presentation will explore the impacts of the EV revolution on supply chains, offering insights into the current state of EV supply chains, emerging challenges and opportunities, and the strategic adaptations needed for achieving resilience and success in this rapidly changing industry

Moderator: Kenneth Boyer (The Ohio State University)
Presenter: Ryan Anderson (Lucid Motors)

Saturday, Nov 23rd, 2024, 4:30-6:00 p.m.

102 Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Grand Canyon 3   JW Marriott Desert Ridge Resort

BEHAVIORAL OPERATIONS MANAGEMENT: HR sustainability in a Digitalization Era

This session is to focus on the HR issues that have to do with long term sustainability in organizations in a digitalization era. Facing technological disruption in every aspect of organizational life, long term survival is an eventual goal of organizations. We argue that dealing with HR issues is a fundamental solution to achieving this goal and many aspects of HR issues will be discussed in the session.

Chair: Shanggeun Rhee (Kean University)

The Effects of Ethical Leadership on Follower Well-Being and OCBs: Mediating Role of Follower Psychological Capital

Weichun Zhu (Kean University)

Relationship oriented HR practices and organizational social responsiveness as a long-term growth strategy: resource based perspective of HRM

Shanggeun Rhee (Kean University), Silvana Trimi (University of Nebraska-Lincoln), Glynnis Tan (Kean University)

103 Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Grand Canyon 2   JW Marriott Desert Ridge Resort

BUSINESS ANALYTICS: New Developments in Analytics

This session presents several theoretical and software developments in Business Analytics.

Chair: Cecilia Ying (Queen's University)

An Effective Strategy for Elevating Population Mean Estimation using Linear and Non-Linear Cost Functions in Stratified Sampling

Dinesh Sharma (University of Maryland Eastern Shore), Mukesh Kumar Verma (Babasaheb Bhimrao Ambedkar University), Subhash Kumar Yadav (Babasaheb Bhimrao Ambedkar University), Rahul Varshney (Babasaheb Bhimrao Ambedkar University), Ojashwi Singh Bundela (Babasaheb Bhimrao Ambedkar University)

An Expert Judgment Aggregation Method for Measuring the Efficiency of DMUs

Reza Gharoie Ahangar (Lewis University)

An R Package for Multiple Change Point Analysis of Multivariate Data for Changes in the Covariance Structure

Vasileios Pavlopoulos (University of Alabama in Huntsville), Hieu Pham (University of Alabama in Huntsville), Paras Bhatt (University of Alabama in Huntsville), Yi Tan (University of Alabama in Huntsville), Ravi Patnayakuni (University of Alabama in Huntsville)

Impact of covert dialectic prejudice in Large Language Model

Cecilia Ying (Queen's University)

104 Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Desert Suite 7   JW Marriott Desert Ridge Resort

CYBER SECURITY AND SYSTEM RESILIENCY: Cybersecurity Practice and Policy: Part 1

This session explores the industrial and individual variation in data breaches, examining institutional factors and utilizing competing

theories to better understand and enhance cybersecurity risk preparedness across different industries and individuals.
Chair: Young Ro (University of Michigan, Dearborn)

The Contextual Factors Facilitating the Enactment of Information Security Practices
Xiaodong Deng (Oakland University)

User Assessment of Security Threats: A scenario-based experiment
Yi Guo (University of Michigan -- Dearborn), Young Ro (University of Michigan, Dearborn), Brendan Mccloskey (University of Michigan -- Dearborn)

Beyond the Illusion: Human and AI Challenges in Cyber Attribution
Tamirat Abegaz (University of North Georgia), Bryson Payne (University of North Georgia), Chuck Robertson (University of North Georgia)

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Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Grand Sonoran D   JW Marriott Desert Ridge Resort

DATA, ANALYTICS AND STATISTICS INSTRUCTION: Enhancing Excel Analysis Instruction with Software (R, Scrum & XLAnalyst)
Session on how three different software platforms used in conjunction with Excel can support student engagement with effectively analyzing data and focusing on critical thinking rather than manual calculations. 1) Integrating Excel and R for the basics and for enriched capstone projects with large datasets; 2) Excel, Web Based Gaming for weekly quizzes & team competitions, plus Agile Development (Scrum) for team work instruction while doing a group project; 3) Demonstration of XLAnalyst, a robust Excel Add-In designed for business analytics data analysis and projects.
Chair: Robert Andrews (Virginia Commonwealth University)
Presenters: Sanjiv Jaggia (California Polytechnic State University, San Luis Obispo), Jerry Marks (University of Tampa), Dick Hercher (Hercher Publishing)

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Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Desert Suite 4   JW Marriott Desert Ridge Resort

DECISION SCIENCES IN PRACTICE: Analytical Methods in Practice
This session showcases a diverse array of studies, each applying sophisticated analytical techniques to solve real-world problems across various sectors. The presentations spans topics from hotel revenue management during pandemics to robust regression methods in finance, intermittent demand forecasting, and optimizing fuel tax policies.
Chair: Manuel G. Russon (St. John's University)

A Risk-Averse Stochastic Optimization Framework for Fuel-Tax Increase and Choice of Indexing for Revenue Adequacy
Isil Koyuncu (The University of Texas at San Antonio), Olga Bredikhina (The University of Alabama), Abhay Lidbe (The University of Alabama), Tim Barnett (The University of Alabama)

Least Median Squares as the Optimum Regression Algorithm to Estimate Equity Beta
Manuel G. Russon (St. John's University), Vipul Bansal (St. John's University), Farok A. Vakil (St. John's University)

Modeling the Stochastic Character of Wind Production Using Intermittent Forecasting
Matthew Douglas Lindsey (Stephen F Austin State University), Robert Pavur (University of North Texas)

The Resiliency of the Real Estate Market Faced by External Shock
Askar Choudhury (Illinois State University)

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Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Grand Canyon 1   JW Marriott Desert Ridge Resort

DIVERSITY, EQUITY AND INCLUSION: Inclusive Excellence: Overcoming Barriers in Innovation and Supply Chain Management

This session delves into the critical issues of diversity, equity, and inclusivity within innovation and supply chain management. The talks in this session explore these issues through various lenses such as gender disparity in patent examination process, gender dynamics and impact on decision-making in supply chains as well as implementation of location-based supplier diversity programs. Attendees will gain insights into the systemic biases and barriers that hinder inclusivity and explore strategic approaches and opportunities to foster a more equitable environment.

Chair: Pritha Dutta (Willamette University)

To Grant or Not to Grant: Inventor Gender and Patent Examination Outcomes
Yuqi Gu (Willamette University), Connie Mao (Temple University), Yueru Qin (Temple University)

Gender Diversity and Injustice Among Supply Chain Executives: Exploring Outcomes that Advance Social Justice
James Kroes (Boise State University), Anna Land (Boise State University), Andrew Manikas (University of Louisville), Felice Klein (Boise State University)

Just a Little Nudge: How Interventions and Gender can Impact Decision Making after Supplier-related Sustainability Incidents Occur
Mehrdokht Pournader (University of Melbourne), Andrew Kach (Willamette University)

Sourcing from Economically Distressed Regions: Challenges and Opportunities
Li Cheng (Michigan State University), Sriram Narayanan (Michigan State University), Dwaipayan Roy (University of Virginia Darden School of Business)

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Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Pinnacle Peak 2   JW Marriott Desert Ridge Resort

HEALTHCARE MANAGEMENT: Demand and Capacity Management in Healthcare

This session delves into strategies for optimizing healthcare capacity and resource management. We first explore a mixed-integer programming model used to optimize bed and ventilator capacity during the COVID-19 pandemic in New York City, incorporating Non-Pharmaceutical Interventions (NPIs) to minimize deaths. We then present an analytical queueing model developed from data on hospital performance in California to manage sudden surges in demand. Finally, we use a systems dynamics approach to analyze access and capacity issues in mental and behavioral health care, providing a framework to enhance treatment delivery and system efficiency.

Chair: David D Cho (California State University, Fullerton)

Optimizing bed and ventilator capacity under non-pharmaceutical interventions in New York City during COVID-19
Ozlem Cosgun (Montclair State University), Eyyub Kibis (Montclair State University)

Capacity Management for Sudden Demand Surge: A Queueing Approach
David D Cho (California State University, Fullerton), Yu Wang (University of North Carolina Wilmington)

Examining Mental Health Care Access, Capacity, and Process Analysis across CentraCare Behavioral Health Units
Sarah Sengupta (St. Cloud State University), Sudipendra Nath Roy (St. Cloud State)

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Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Pinnacle Peak 1   JW Marriott Desert Ridge Resort

HEALTHCARE MANAGEMENT: Telehealth and Digitalization

This session examines the impact of telehealth across various dimensions during the COVID-19 pandemic. We analyze telehealth's role in maintaining healthcare sustainability and identify resource misallocations using Data Envelopment Analysis and Machine Learning. The effectiveness of telehealth in reducing patient no-show rates and improving accessibility through Difference-in-Differences methodologies is assessed, highlighting its potential to enhance health equity. We also explore a taxonomy of healthcare information technologies and their performance in hospitals. Additionally, we review how digital literacy and access affect telehealth adoption among older adults, emphasizing the need for targeted support and hybrid care models to bridge gaps in service.

Chair: Raj Sharman (State University of New York at Buffalo)

Evaluating Telehealth Efficiency in the COVID-19 era: A Data Envelopment Analysis and Machine Learning Approach

Ying-Chih Sun (East Central University), Ozlem Cosgun (Montclair State University)

Evaluating Telehealth's Impact on Reducing Patient No-Show Rates and Improving Health Outcomes Compared to In-Person Care

Jiajia Qu (James Madison University), Raj Sharman (State University of New York at Buffalo)

Do Hospitals with Patient-Centric Technologies Outperform? An Exploratory Analysis of Patient Engagement System, Telehealth, and Remote Patient Monitoring

Jung Young Lee (Northen Illinois University), C. Christopher Lee (Central Connecticut State University), Jeong Hoon Choi (Youngstown State University), Yong-Taek Min (Florida Gulf Coast University)

Impact of the Digital Divide on Telehealth Adoption Among Older Adults in the United States: A Systematic Review

Md Golam Rabbani (University of North Texas), Ashrafe Alam (University of North Texas), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS))

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Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Grand Canyon 12   JW Marriott Desert Ridge Resort

HUMANITARIAN OPERATIONS AND DISASTER MANAGEMENT: Leadership and Organizational Characteristics in Humanitarian Operations

This session will feature presentations examining the role of leadership and organizational characteristics in humanitarian operations.

Chair: PRISCILLA ADDO ASAMANY (KNUST SCHOOL OF BUSINESS)

Bringing order to chaos: Leadership in humanitarian supply chains

Jennifer D Milczewski (University of Texas Rio Grande Valley)

Impact of Training & Development on Leadership Performance in Disaster Management

Shahedur Rahman (Prairie View A&M University)

Workplace spirituality and hospitals during the pandemic: The case of Daegu metropolitan area

Seung Hoon Jang (Commonwealth University of Pennsylvania), Byungku Lee (University of La Verne), Taewan Kim (University of Scranton)

Social Entrepreneurial Orientation and Disaster Responsiveness: a Disaggregated Analysis

PRISCILLA ADDO ASAMANY (KNUST SCHOOL OF BUSINESS), Dominic Essuman (The University of Sheffield), Okyere Anim Barima (KNUST School of Business), Evans Addo Asamany (National Petroleum Authority,

Ghana)

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Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Desert Suite 5   JW Marriott Desert Ridge Resort

INDUSTRIAL AND SYSTEMS ENGINEERING: The Semiconductor Industry- Addressing Today's Challenges and Shaping Tomorrow

Join us for an insightful panel discussion on the semiconductor industry, where experts will explore current challenges, future research directions, and emerging trends. This session aims to provide a comprehensive overview of the industry's landscape, addressing supply chain issues, geopolitical risks, technological advancements, and innovative solutions. Gain valuable insights into how the semiconductor sector is evolving and what lies ahead. This event is essential for anyone interested in decision making that will impact the future of semiconductors.

Moderator: Liesl Folks (The University of Arizona)

Panelists: Rozhin Yasaei (University of Arizona), Eduardo Saavedra (Tetakawi), Paul Neal (Teradyne), Andrew Williams (Libra Industries)

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Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Grand Sonoran B   JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Emerging Technology: Blockchain and Virtual Reality

This session explores the potential applications and impacts of blockchain and virtual reality technologies. Attendees will gain insights into the potential impacts of these technologies, practical use cases, and strategies for integrating these emerging technologies into their organizational frameworks.

Chair: Mingming Du (University of Texas Rio Grande Valley)

Blockchain and corporate financial performance: An empirical evidence from the circular economy perspective

DAMLA DURAK UŞAR (Turkish-German University), Yasanur Kayikci (Sheffield Business School, Sheffield Hallam University), Nachiappan Subramanian (University of Sussex Business School)

How immersion and presence of virtual reality shape consumer behaviors

Mingming Du (University of Texas Rio Grande Valley), kai qin (university of north texas), fardad Faress (University of Texas Rio Grande Valley), Lu Xu (University of North Georgia)

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Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Grand Canyon 9   JW Marriott Desert Ridge Resort

INNOVATION AND NEW PRODUCT DEVELOPMENT: Innovation and Recent Advancements in Supply Chain and Operations Management

This session navigates the dynamic landscape of supply chain and operations management, exploring supplier networks, advanced manufacturing technologies, and community-based business impacts. This is an empirical session of studies using econometrics and machine learning algorithms. Join us for an exciting exploration of the cutting-edge topics that are shaping the future of supply chain and operations management.

Chair: Kedong Chen (Rensselaer Polytechnic Institute)

Bike-Sharing Systems' Spillover Effects in Local Communities: An Analysis of Business Foot Traffic

Zenan Zhou (Arizona State University), Tian Lu (Arizona State University), Elliot Rabinovich (Arizona State University)

Navigating Supplier Networks: The Impact of Supply Base Concentration and Overlap on Firm Innovation Efficiency

Ellie Falcone (Texas Christian University), Jordan Barker (Michigan State University), Morgan Swink (Texas Christian University)

114 Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Grand Canyon 11   JW Marriott Desert Ridge Resort

INNOVATIVE EDUCATION: Teaching Supply Chain Management
This session contains presentations focusing on teaching supply chain management in business schools.
Chair: Mehrnaz Khalaj Hedayati (Georgia College and State University)

Preparing supply chain professionals: using digital sticky notes in teaching supply chain in a synchronous class

Huiling Liu (Arkansas State University)

Optimizing Supplier Quality at TopAuto: A Case Study

Rebecca Clemons (Indiana University East)

Enhancing Operations and Supply Chain Management Learning: An Integration of Semi-Project-Based Learning (SPBL)

Mehrnaz Khalaj Hedayati (Georgia College and State University), Mohsen Mosayebi (Georgia College and State University)

115 Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Desert Suite 3   JW Marriott Desert Ridge Resort

MANUFACTURING MANAGEMENT: Manufacturing Efficiency and Supply Chain Risk
This session discusses different aspects of manufacturing and supply chains across multiple industries. Researchers will explore cutting-edge technologies, real-world practices, and adaptive strategies crucial for future readiness. Discussions will focus on improving manufacturing efficiency and facing supply chain disruptions, including cost reduction, supplier selection, risk mitigation, etc.. Join us to discuss innovative solutions and strategic approaches to overcoming contemporary challenges in manufacturing and supply chain operations.
Chairs: Ning Ma (Arizona State University), Yimin Wang (Arizona State University)

Cost-Saving Synergy: Energy Stacking in Battery Energy Storage Systems

Joonho Bae (University of Michigan), Roman Kapuscinski (University of Michigan), John Silberholz (University of Michigan)

Risk Sharing in a Two-Level Supply Chain with Variable Capacity and Random Yield

Xiao Xiao (California State University Stanislaus), Feng Zhou (California State University Stanislaus), Junhee Kim (California State University Stanislaus), Saejoon Kim (California State University Stanislaus)

Leveraging Blockchain Technology to Mitigate the Bullwhip Effect in Supply Chains: A Theoretical Model and Empirical Analysis

Shi Qiu (University of Illinois at Urbana-Champaign)

Optimizing Procurement Tactics: Navigating Unreliable Suppliers and Quantity Constraint
Ning Ma (Arizona State University), Yimin Wang (Arizona State University), Heng Zhang (Arizona State University)

116 Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Grand Canyon 13   JW Marriott Desert Ridge Resort

PROCUREMENT AND SOURCING: Empirical Research in Supply Chain Management

This session within the Procurement and Sourcing Track focuses on empirical research in supply chain management. It encompasses the application of a broad range of empirical methodologies that help advance knowledge within the field of supply chain management.
Chairs: Abhay Grover (University of Wyoming), Sining Song (University of Maryland)

The Impact of Fee Reduction on Online Marketplace Seller Performance
Hao Su (University of New Orleans), Jianliang Hao (California State University, Chico)

Strategic Work-Break Scheduling for Field Staff Performance
Abhay Grover (University of Wyoming), Martin Dresner (University of Maryland)

Transformative Effects of Precision Scheduled Railroading on Financial and Safety Performance: An Empirical Analysis.
Chinedu Ufodike (University of Tennessee,Knoxville), Alex Scott (University of Tennessee)

Strategic purchasing integration and social capital as antecedents of public value: An empirical study
Iryna Malacina (LUT University), Frederik Vos (Portland State University), Jad EL Bizri (LUT University), Elina Karttunen (LUT University), Aki Jääskeläinen (Tampere University)

117 Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Grand Canyon 5   JW Marriott Desert Ridge Resort

PROJECT MANAGEMENT: Managing Project Through Leveraging Disruptive Technologies

Please join us for an immersive journey into the realm of project management at our invite session at this year's DSI Conference Project Management Track "Managing Projects Through Leveraging Disruptive Technologies." We welcome colleagues to submit their cutting-edge works, exploring the intersection of disruptive technologies and project management, exploring the transformative potential of innovations such as AI, Metaverse, Big Data and likes to reshape the traditional project landscapes. Please consider submitting your research abstracts to contribute to the evolution of project management in this digital age.
Chair: Vicky Gu (University of Houston - Clear Lake)

Utilizing the Technology-Task Fit Model in Metaverse Project Management: A Novel Approach
Qing (Ray) Cao (University of Houston Downtown), Rupak Rauniar (University of Houston Downtown), Vicky Gu (University of Houston - Clear Lake)

Adoption of Metaverse Technologies: Revisiting UTAUT
Rupak Rauniar (University of Houston Downtown), Qing (Ray) Cao (University of Houston Downtown), Vicky Gu (University of Houston - Clear Lake), Samhita Shah (AMS)

Artificial Intelligence and Project Management: Teaching Innovations and Implications for Educators
Pinyarat Sirisomboonsuk (The University of Texas Permian Basin), Gurdeep Singh Raina (University of Texas Permian Basin), Anshu Saran (University of Texas Permian Basin), James Burns (Texas Tech University)

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Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Grand Canyon 10   JW Marriott Desert Ridge Resort

ROLE OF AI AND TECHNOLOGY IN THE CLASSROOM: AI in the Business Curriculum
This session presents contributions discussing the role and implementation of AI in the business school curriculum.
Chair: Tienhua Wu (Department of Management, Air Force Institute of Technology, Taiwan)

AI has been flying below the business curriculum radar: understanding the role of AI, its benefits and challenges
Pedro Reyes (Baylor University), Patrick Jaska (University of Mary Hardin-Baylor), Chris Meyer (Baylor University), John Visich (Bryant University), MIchael Gravier (Bryant University)

Unexplored learning-and instruction-relevant issues in AI-assisted education: A literature review
Tienhua Wu (Department of Management, Air Force Institute of Technology, Taiwan), Kuang-You Tien (Center for General Education & Department of Management, Air Force Institute of Technology, Taiwan), Fu-Hsiang Wen (Department of Management, Air Force Institute of Technology, Taiwan; PhD program in Engineering Science and Technology College of Engineering, National Kaohsiung University of Science and Technology, Taiwan)

Preparing Higher Education for an AI-Driven Future
Megan Rand Wheeler (University of North Texas)

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Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Grand Canyon 4   JW Marriott Desert Ridge Resort

SCHOLARSHIP OF TEACHING AND LEARNING (SOTAL): Understanding expectations for teaching/clinical faculty
Panelists will discuss the differing expectations that universities have for teaching/clinical faculty. Topics covered may include managing larger class sizes; motivating students in required core content; balancing service and heavier teaching loads; actively participating in curriculum development and assessment; staying current to maintain instructional/scholarly practitioner qualifications; and possible career paths in academia.
Moderators: Pamela Rogers (Stephen F. Austin State University), Karen Eboch (Bowling Green State University)

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Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Desert Suite 2   JW Marriott Desert Ridge Resort

SHOWCASE: Doctoral Research Showcase - Healthcare and Technological Innovation
Sponsored by Rutgers Business School, this session features Doctoral Research Showcase presentations - General Discussion Session 1.
Chairs: Po-An Chen (National Yang Ming Chiao Tung University (NYCU), Taiwan), Bertrand Miao-Tsong Lin (National Yang Ming Chiao Tung University)

Healthcare Predictive Analytics for Risk Profiling Patients with Lung Chronic Diseases: A Design Science-Based Machine Learning Approach
hussm alansari (Morgan State Univesity)

Scans, Traffic, and Sales: Unveiling the Influence of Mobile Consumer Scanning on Retail Dynamics

Brett Wang (University of Maryland), Xiaodan Pan (Concordia University), Kevin Park (University of Dayton), Martin Dresner (University of Maryland), Oliver Yao (University of Delaware)

The Impact of Virtual Visit Adoption on Ambulatory Care Utilization and Patient Health Outcomes
Jane Iversen (The Ohio State University), Yingchao Lan (UNL), Aravind Chandrasekaran (The Ohio State University)

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Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Desert Suite 8   JW Marriott Desert Ridge Resort

STRATEGIC MANAGEMENT AND ENTREPRENEURSHIP: Topics in Operations-Strategy Interface
This session delves into a range of topics within the Operations-Strategy Interface, examining how strategic decisions influence operational processes.
Chair: Goutham Takasi (The University of Alabama)

Non-Profit Support in Education: Resource Allocation and Students' Lifetime Outcomes
Goutham Takasi (The University of Alabama), Harish Guda (Arizona State University), Milind Dawande (UT Dallas), Ganesh Janakiraman (UT Dallas)

Competitive Markovian Pricing
Haokun Du (UT Dallas), Bin Hu (UT Dallas), Elena Katok (UT Dallas)

Network-Driven Airline On-Time Performance Prediction with Dynamic Delay Propagation
Yajun Lu (Jacksonville State University), Yi Tan (University of Alabama in Huntsville), Lu Wang (Ball State University)

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Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Grand Sonoran J   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: Collaboration and Innovation in Supply Chains
Topcis relating to collaboration and innovation in supply chains
Chair: Abhishek Roy (Temple University, Fox School of Business)

Revisiting Customer-Base Concentration and Inventory Efficiency Link: A Response Surface Analysis Approach
Ta-Wei Kao (Wayne State University), Hung-Chung Su (University of Michigan-Dearborn)

Impact of cocreation under supply chain encroachment
Abhishek Roy (Temple University, Fox School of Business), Piyal Sarkar (Penn State Harrisburg)

Supply Chain Digitalization, Innovation Capability, and Organizational Agility: The Moderating Role of Institutionalization and Supply Chain Integration
Omar Ibrahim Yousef Alyasein (University of North Texas), Kiarash Sadeghi R. (North Carolina A&T State University), Divesh Ojha (Professor)

If the Blockchain Could Block: Strategic Blockchain Adoption by Manufacturer as Deterrence to the Selling of Counterfeits by Retailer
Jingjing Weng (Temple University), Abhishek Roy (Temple University, Fox School of Business), Subodha Kumar (Fox School of Business, Temple University)

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Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Grand Sonoran H   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: Global Supply Chain Management

Topics relating to managing global supply chains.

Chair: FUNDA SAHIN (University of Houston)

The Marketing–Supply Chain Interface and Country of Product Origin Effects

Shane J. Schvaneveldt (Weber State University), Alfredo Wakao (Tokyo Institute of Technology), Bjoern Frank (Waseda University)

Measuring the Efficiency of Major Uranium Producers: A Data Envelopment Analysis Approach

Muhammad Umar Farooq (New Mexico State University), Faruk Arslan (New Mexico State University), Victor Pimentel (New Mexico State University), Edgar Ramos (Universidad Peruana de Ciencias Aplicadas)

Multi-Level Manufacturing and Distribution Networks: Models, Application and Insights

FUNDA SAHIN (University of Houston), Li-Lian Gao (Hofstra University), Powell Robinson (University of Houston)

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Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Grand Sonoran C   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: Research in Supply Chain

This session considers research focusing supply chain management using both empirical and analytical methods.

Chair: Yingchao Lan (UNL)

Supplier's Capacity Decisions and Supply Network Performance under Extreme Uncertainties

Yuhong Li (Old Dominion University)

Strategic buyer-supplier relationship dissolution: does sourcing policy matter?

Yi-Su Chen (University of Michigan-Dearborn)

Multi-Tiered Supply Chain Management – The Roles of Directed Sourcing and Sustainability

Rui Yin (ASU), Kefeng Xu (University of North Carolina at Greensboro)

A Heuristic Master Planning Algorithm for Multi-Channel Supply Chain Considering Fairness and Backorder with Capacity Constraint

Ching-Chin Chern (National Taiwan University), Han-Sheng Huang (National Taiwan University), Bo Hsiao (National Yunlin University of Science and Technology)

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Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Grand Sonoran I   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: Studies in Supply Chain Sustainability

Topics relating to supply chain sustainability.

Chair: Nima Alizadeh Basban (University at Buffalo)

A Circular Approach for Enhancing the Sustainability of Battery Swapping System: A Simulation based

Approach.
Utkarsh Nigam (research scholar), Jitender Madaan (Indian Institute of Technology Delhi)

A Hub and Spoke Model to Recycle Municipal Solid Waste in Rural Areas in New York State considering Environmental Risks
Nima Alizadeh Basban (University at Buffalo), Aditya Vedantam (SUNY University at Buffalo), Nallan C Suresh (SUNY University at Buffalo)

Enhancing Sustainability in the Future Mobility Supply Chain
Narges Mashhadi Nejad (The University of Toledo), Benjamin George (University of Toledo), Paul Chonkun Hong (The University of Toledo), Vince DiPofi (SSOE Group)

Grey wolf optimizer and whale optimization algorithm for stochastic inventory management of reusable products in a two-level supply chain
Amir Sadeghi (North Carolina State University)

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Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Grand Sonoran F   JW Marriott Desert Ridge Resort

SUPPLY CHAIN RISK AND RESILIENCY: Insights from Practitioners on Risk and Resilience - Current Trends, Challenges & Developments
Insights from Practitioners on Risk and Resilience - Current Trends, Challenges & Developments
Moderators: Robert Wiedmer (Arizona State University), Carlos Mena (Portland State Univeristy)
Panelists: Kevin Callanan (VP of Supply Chain and Procurement, Lucid Motors), Vendetta Blowe (Sysco), Ravi Dosanjh (Calibr.global), Bruce Gilmore (Mayo Clinic), Matt Schaenzer (Intel Corporation)

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Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Grand Sonoran K   JW Marriott Desert Ridge Resort

SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBIlITY: AI and Informatics in Sustainability
AI and Informatics in Sustainability
Chair: Gabriele Mauro (Solvay Brussels School ULB)

AI-Driven Agility and ESG Integration: Sustainable Practices in South Korea's Manufacturing Industry
Paul Chonkun Hong (The University of Toledo), Zhezhu Wen (California State University, Fresno)

Fairness in Crowdwork: Making the Human AI Supply Chain More Humane
Martin Gonzalez Cabello (UCLA Anderson School of Management), Auyon Siddiq (UCLA Anderson School of Management), Charles Corbett (UCLA Anderson School of Management)

How Can AI Accelerate SAF Adoption?
Sajad Ebrahimi (Grand Valley State University)

The new power couple: artificial intelligence capabilities in renewable energy networks
Gabriele Mauro (Solvay Brussels School ULB), Evelyne Vanpoucke (Solvay Brussels School ULB)

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Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Grand Sonoran A   JW Marriott Desert Ridge Resort

SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Emerging Topics in Sustainable Operations

Emerging topics in Sustainable Operations

Chair: Scott Warren (University of North Texas)

Reimagining supply chains: From economic focus to societal well-being

Caroline Schumm (Iowa State University), Joshua Schumm (Iowa State University)

Sustainable AI: A critical review

Sabine Baumann (Berlin School of Economics and Law), Tjark-Marvin Goellner (Berlin School of Economics and Law)

Systems Thinking using Environmental Engineering to Evaluate and Mitigate the Environmental Impacts of Information Technology

Scott Warren (University of North Texas), Kristen McGuffin (University of North Texas)

The Effect of Emission reduction on Environmental Sustainability and Financial Performance: Evidence from the oil industry.

Adeola Abosede Adeniyi (Snhu)

The role of Artificial Intelligence in dealing with climate change: a patent analysis in the manufacturing industry

Matteo Podrecca (University of Bergamo), Giovanna Culot (University of Udine), Sam Tavassoli (Deakin University), Guido Orzes (Free University of Bozen-Bolzano)

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Saturday, Nov 23rd, 2024, 4:30-6:00 p.m. | Pinnacle Peak 3   JW Marriott Desert Ridge Resort

WORKSHOP: Meet the DSJ Department Editors

Selected DE's of DSJ will inform the DSJ members about journal updates and their editorial responsibilities.

Workshop Coordinators: Sri Talluri (Michigan State University), Xenophon Koufteros (Texas A & M University)

Presenters: Liangfei Qiu (Warrington College of Business, University of Florida), Rajiv Sabherwal (University of Arkansas)

Saturday, Nov 23rd, 2024, 5:00-6:00 p.m.

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Saturday, Nov 23rd, 2024, 5:00-6:00 p.m. | Wildflower Terrace   JW Marriott Desert Ridge Resort

RECEPTION: New Member Welcome Reception

Vice President for Member Services, Ravi Srinivasan, welcomes all new members of DSI for a meet and greet reception. This is the perfect opportunity to meet new colleagues and learn more about DSI.

Host: **Ravi Srinivasan**, *Loyola University Maryland*
  Vivian Landrum, *Decision Sciences Institute*

Saturday, Nov 23rd, 2024, 6:30-7:30 p.m.

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Saturday, Nov 23rd, 2024, 6:30-7:30 p.m. | Ballroom Lawn   JW Marriott Desert Ridge Resort

RECEPTION: DSI 55th Annual Conference Welcome Reception
   Reunite with colleagues or meet new ones for light hors d'oeuvres and beverages before you head off to dinner on your own. Enjoy this outdoor reception on the lawn.

Sunday, Nov 24th, 2024, 7:00-8:00 a.m.

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Sunday, Nov 24th, 2024, 7:00-8:00 a.m. | Grand Sonoran D   JW Marriott Desert Ridge Resort

Nondenominational Christian Fellowship
   A time of Christian fellowship, sharing and reflection to begin the day on Sunday.
Chair: Robert Andrews (Virginia Commonwealth University)

Sunday, Nov 24th, 2024, 7:30-8:00 a.m.

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Sunday, Nov 24th, 2024, 7:30-8:00 a.m. | Grand Canyon 6 - 7   JW Marriott Desert Ridge Resort

MEAL: Sunday Breakfast Co-sponsored by DSI, Ball State University and University of Minnesota
Enjoy a light breakfast while networking with colleagues.

Sunday, Nov 24th, 2024, 8:00-9:30 a.m.

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Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Grand Canyon 10   JW Marriott Desert Ridge Resort

AGRICULTURAL AND FOOD SUPPLY CHAINS: Technology in Agriculture
This session discusses a few applications of technology in the agriculture and food sectors.
Chair: Xiaotong Liu (California State University Monterey Bay)

Artificial intelligence and blockchain for supply chain resilience and sustainability: an assessment of the supply network in the agri-food supply chain
Peace Ijeoma Aludogbu (New Mexico State university)

Digital Technologies in the Agri-Food Supply Chain: An Exploratory Study
Misty Blessley (Temple), Luong Dao (Temple)

Revolutionizing Agribusiness Supply Chains: The Impact of Robotics on Efficiency, Cost Reduction, and Sustainability
Xiaotong Liu (California State University Monterey Bay)

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Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Grand Sonoran K   JW Marriott Desert Ridge Resort

AWARDS: DSJIE Best Papers Award
Best paper presentations from the DSJIE

A participatory framework for bridging the conceptual and talent gaps in supply chain management education
Alok Baveja (Rutgers Business School), Luke Greeley (Rutgers Business School), William McLaury (Rutgers Business School)

Teaching location planning with the center-of-gravity method using real cities and distances
Jason M. Riley (Sam Houston State University), Kevin Sweeney (Rochester Institute of Technology)

Teaching virtual presentation with a theory-based feedback intervention: An experiential class project for the postpandemic era
Tuvana Rua (Quinnipiac University), Zeynep G. Aytug (California State Polytechnic University, Pomona)

Changes to business faculty perceived skills with online teaching tools and educational practices: The pandemic effect
Christina Churchill (Southern Methodist University), Scott Warren (University of North Texas), Kimberly Grotewold (Texas A&M San Antonio)
Coordinators: **Ashish Gupta**, *Auburn University*
   Pedro Reyes, *Baylor University*

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Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Grand Sonoran G   JW Marriott Desert Ridge Resort

AWARDS: Elwood S. Buffa Doctoral Dissertation Award Finalists
This award identifies and recognizes outstanding doctoral dissertation research, completed in the calendar year prior to the conference, in the development of theory for the decision sciences, the development of methodology for the decision sciences, and/or the application of theory or methodology in the decision sciences. Winning dissertation receives a $1,000 award. This session includes the Elwood S. Buffa Doctoral Dissertation Award Finalists' Presentations
Judges: Ravi Srinivasan (Loyola University Maryland), Steven Carnovale (Florida Atlantic University College of

Business), Kaitlin Wowak (University of Notre Dame), Sina Golara (Georgia State University), Philip Evers (University of Maryland)

Exploring Challenges and the Evolution of the Retail Industry: A Consumer Perspective
Micah Marzolf (Iowa State University)

Supply Chain Sustainability and Circularity
Samuel D Allen (Pardee RAND Graduate School, RAND Corporation)
Coordinator: **Arash Azadegan**, *Rutgers University*

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Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Grand Canyon 3   JW Marriott Desert Ridge Resort

BEHAVIORAL OPERATIONS MANAGEMENT: Behavioral Perspective of Operations: Adapting to a Changing World
In this session, our distinguished speakers will delve into the complex dynamics of how behavioral operations management influences and interacts with various facets of the modern world, addressing both challenges and opportunities.
Chair: Lei Hua (University of Texas at Tyler)

The Market Value of Social Responsibility Communications: A Cross-Cultural Behavioral Study
Lei Hua (University of Texas at Tyler), Tim Kraft (North Carolina State University), Doug Thomas (University of Virginia, Darden School of Business), Yanchong Zheng (Massachusetts Institute of Technology)

Nudging Green but Slow Shipping Choices in Online Retail
Yeonjoo Lee (University of Minnesota), Karen Donohue (University of Minnesota Twin Cities)

What moves the offset needle? Role of carbon offset project transparency and alignment in consumer attitudes toward green shipping.
Nadja Vorontsova (University of Tennessee Knoxville), Huseyn Abdulla (University of Tennessee Knoxville), Thomas Goldsby (University of Tennessee Knoxville)

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Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Grand Sonoran E - 2   JW Marriott Desert Ridge Resort

BOARD MEETING: Western DSI Board Meeting
A meeting of the members of the WDSI Board of Directors.
Members: Pia Gupta (California State University, Long Beach), Stanley E. Griffis (Michigan State University), Seong-Jong Joo (Air Forces Institute of Technology), Shuo Zeng (California State Polytechnic University, Pomona), Sheldon Smith (Utah Valley University), Tom Lang (Logistics Management Institute), Sally Baalbaki-Yassine (Metropolitan State University of Denver)
Chair: **Yuanjie He**, *California State Polytechnic University, Pomona*

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Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Grand Canyon 4   JW Marriott Desert Ridge Resort

BUSINESS ANALYTICS: Socially Important Analytics

This session includes several applications of analytics with societal impacts.
Chair: Khadija Ajmal (University of Wisconsin Superior)

Predicting Hospital Length-of-Stay for Working-Age Adults with Multimorbidity Patterns Conditional on Hospital-Acquired Conditions Risk, Individual Disparity and Neighborhood Structural Disparity Factors
Ajit Appari (Northeastern University)

The Impact of Crime on Small Businesses
Catalin C. Dinulescu (Tarleton State University), Dennis Jones (Tarleton State University), Olga Semukhina (Tarleton State University), Stan Korotchenko (Tarleton State University), Yuen Tsang (Tarleton State University), Isaiah Fincher (Tarleton State University)

Unveiling the Triple Bottom Line: The Impact of Business Intelligence Investments on Economic, Environmental, and Operational Performance
Khadija Ajmal (University of Wisconsin Superior), Charles X. Wang (University at Buffalo, School of Management), Nallan C Suresh (SUNY University at Buffalo), Aditya Vedantam (SUNY University at Buffalo)

140   Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Desert Suite 5   JW Marriott Desert Ridge Resort

Cengage Focus Group
Cengage sponsored session.
Chairs: Brandon Foltz (Cengage), Aaron Arnsparger (Cengage)

141   Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Desert Suite 7   JW Marriott Desert Ridge Resort

CYBER SECURITY AND SYSTEM RESILIENCY: Cybersecurity Practice and Policy: Part 2
This session explores the industrial and individual variation in data breaches, examining institutional factors and utilizing competing theories to better understand and enhance cybersecurity risk preparedness across different industries and individuals.
Chair: Md Rasel Al Mamun (University of Illinois Springfield)

Role of goal level and feedback in cybersecurity training
Guisen Xue (Kent State University), Dong-Heon Kwak (Kent State University)

Students' Cybersecurity Policy Violation: A Study of rationality-based Beliefs and Neutralization
Md Rasel Al Mamun (University of Illinois Springfield), Sabbir Ahmed Chowdhury (University of the West of Scotland, UK), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS))

The Effect of Affect and Cognitive Evaluations on Information Provision in E-commerce between a General and a Specific Situation
Jongtae Yu (KFUPM)

142   Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Desert Suite 8   JW Marriott Desert Ridge Resort

CYBER SECURITY AND SYSTEM RESILIENCY: Transformative Potential of Cyber-resilience

This session explores the transformative potential of AI in Industry 5.0, focusing on collaborative problem-solving in supply chain operations and developing frameworks for resilience and sustainability in decentralized, hybrid environments.

Chair: Cigdem Gurgur (Purdue University)

Fostering a Trusted Ecosystem for Digital Responsibility in Algorithmic AI Systems
Cigdem Gurgur (Purdue University)

The Effects of Blockchain-Based Information Systems on Cyber-Resilience and Sustainability in Supply Chains
Saba Rezaeinejad (University of North Texas), Kiarash Sadeghi R. (North Carolina A&T State University), Brian Sauser (University of North Texas)

Exploring Cybersecurity Research on Critical Infrastructure
Anil Singh (University of Texas at Arlington), George Mangalaraj (Western Illinois University), Aakash Taneja (Stockton University)

143 Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Grand Sonoran D   JW Marriott Desert Ridge Resort

DATA, ANALYTICS AND STATISTICS INSTRUCTION: Defining Class Expectations to Achieve Increased Student Capabilities

Sharing of experiences with and recommendations for defining course-level objectives for improving instruction with a goal of increasing student learning and capabilities. 1) Pushing beyond maintaining a good balance of challenge and support in an introductory database class. 2) Changing assignments to incorporate more presentation of results and suggested use of AI. 3) Using assessment data to improve instruction by identifying gaps and shortfalls in meeting the desired program and course-level objectives so that new approaches can be carved out to eliminate these gaps and better prepare students.

Chairs: Robert Andrews (Virginia Commonwealth University), Kellie Keeling (University of Denver)
Presenters: Scott Toney (University of Denver), Kellie Keeling (University of Denver), Chandrashekar D Challa (Virginia State University)

144 Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Desert Suite 3   JW Marriott Desert Ridge Resort

DECISION SCIENCES IN PRACTICE: Sport Analytics

The "Sport Analytics" session brings together a diverse set of studies that applied analytical methods to various aspects of sports, from athlete recruitment and community sports services to the management of dance studios and the performance of baseball umpires. These presentations offer valuable insights and practical implications for improving sports management, community engagement, and performance evaluation.

Chair: William Ellegood (Sam Houston State University)

Research on the Development Strategy of Shanghai Community Sports Public Service
Yue Wang (Tongji University), Tianfeng Lu (Tongji University)

Using MILP to improve dance recital scheduling
William Ellegood (Sam Houston State University), Willow Yang (Sam Houston State University)

Why was(n't) that a strike?!? When MLB umpires feel the pressure in the playoffs.
Craig Sorochuk (Seton Hall University), Lucas Monzani (Richard Ivey School of Business, Western University), Greg Zaric (Richard Ivey School of Business, Western University), Amrou Awaysheh (Kelley School of Business, Indiana University)

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Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Desert Suite 2   JW Marriott Desert Ridge Resort

DISRUPTION & RESILIENCY SIG: Annual Business Meeting

The DiRe SIG is dedicated to understanding and addressing the complex risks that threaten communities globally. We welcome anyone interested in prevention, mitigation, response and recovery to disruption, with applications including to but not limited to risk management, humanitarian logistics, reliability and resilience in the context of complex systems, and emergency management. Join us meet like-minded colleagues, elect next year's leadership and brainstorm the path ahead!

Chair: Natalie Simpson (University at Buffalo)

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Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Grand Canyon 1   JW Marriott Desert Ridge Resort

DIVERSITY, EQUITY AND INCLUSION: Responsible Data Analytics with Artificial Intelligence

AI tools have faced scrutiny due to ethical concerns, including biased algorithms and privacy issues, impacting real-life scenarios like discriminatory hiring and flawed criminal justice predictions. Irresponsible AI use in data analytics emphasizes the need for better practices. This panel will explore AI's societal impact, highlight misuse cases, and propose solutions for responsible AI applications. We will focus on developing transparent, accountable systems, and discuss strategies for improving AI. Additionally, we will examine regulations, offer ethical guidance, and forecast future directions. Join us to analyze challenges and opportunities in this critical field

Moderator: Zeynep Orhan (University of North Texas)

Panelists: Schenita Floyd (University of North Texas), Amrita Tharappel Thomas (University of North Texas), Denise Philpot (University of North Texas)

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Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Pinnacle Peak 1   JW Marriott Desert Ridge Resort

HEALTHCARE MANAGEMENT: Online Engagement, Healthcare Innovation and Patient Engagement

This session explores how public discourse, technology adoption, and drug safety intersect to impact healthcare outcomes. We examine how social media discussions about semaglutide (Ozempic) influence patient outcomes, highlighting the need for integrating public discourse into healthcare policy and risk management. We also investigate the rise of mobile health (mHealth) services post-COVID-19, using the UTAUT model to understand factors driving patient acceptance of remote consultations. Finally, we explore the application of natural language processing to drug reviews for enhancing pharmacovigilance and preventing adverse reactions. These studies offer insights into optimizing healthcare delivery through technology and public engagement.

Chair: Dhiraj Kumar Pal (Iowa State University)

Can online public discourse disrupt healthcare delivery outcomes?
Dhiraj Kumar Pal (Iowa State University), Sukrit Pal (Iowa State University)

A Study of Factors Influencing Patients' Acceptance to Use Mobile Health Application in the Post-COVID-19 using a Modified UTAUT Model
Seungjae Shin (Mississippi State University), Won-jun Lee (Cheongju University)

Exploring drug reviews: A perspective from Bi-LSTM and BERT transformer language model
Ahasan Harun (University of Texas Rio Grande Valley), Mumtahina Obaid (University of North Texas), Rifat Afrin (University of North Texas), gayle prybutok (university of north texas), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS))

Protecting patients and managing potential risks from digital transformation in the healthcare industry
DonHee Lee (Inha University), Seongno Yoon (Edward Waters University), Jongheon Kim (Auburn University-

Montgomery)

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Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Grand Sonoran B   JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Adoption, Impact, and Usage of Generative AI 1

This session includes papers exploring the adoption and impact of generative AI technologies. Attendees will gain insights into best practices for adopting generative AI, real-world use cases, and the strategic and operational implications of leveraging this advanced technology in their organizations.
Chair: Neda Khosh Kheslat (University of North Texas)

Decoding Individuals' Resistance toward GAI Adoption in the Workplace
Neda Khosh Kheslat (University of North Texas)

Trends and Future Pathways in Generative AI publication: Insights from Latent Semantics Analysis
Alsius David (SUNY Oneonta), Quynh Nguyen (Stockton University), Anh Ta (University of Nebraska Omaha), Linh Le (University of Nebraska at Omaha)

Who Will Use Generative AI? An Integrated Model Expanding ECM and UTAUT to Explain Users' Post-Adoption Behavior
Samira Shirzaei Nichols (University of Central Arkansas), Julian Haessner (University of Central Arkansas), Philipp Haessner (University of Central Arkansas)

The Perceptions and Perspectives of Students and Instructors of using ChatGPT in Higher Education – An Exploratory Study.
Sushil Sharma (Texas A&M University, Texarkana), Shubham Singh (Purdue University Fort Wayne), Shilpa Deo (MIT-WPU University Pune, India), Jeff Zhang (Ball State University)

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Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Grand Sonoran C   JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Cybersecurity, Content Generation, LLMs and Online Burnout

This session presents papers on information disclosure, content generation, emotional regulation, and financial text classification. The first study examines Patched Vulnerability Disclosure (PVD) in bug bounty programs, finding valid disclosures deter and invalid ones encourage participation. The second study investigates the impact of Large Language Model (LLM)-generated reviews on business trustworthiness compared to human-generated reviews. The third study analyzes online gaming addiction, focusing on how emotional regulation affects gaming intention and stress, and proposes a model for burnout mediation. The fourth study enhances smaller-scale LLMs for financial text classification, demonstrating the effectiveness of instruction fine-tuning and model merging in improving performance.
Chair: Ali Ahmed (Louisiana State University)

The Impact of Patched Vulnerability Disclosure on Hacker Participation in Bug Bounty Programs
Ali Ahmed (Louisiana State University), Brian Lee (Penn State University), Amit Deokar (University of Massachusetts Lowell)

The role of LLM generated reviews and its impact on business
Rakesh Guduru (Information Systems Department, College of Business, Lamar University), Kenechukwu Valentine Ike (Information Systems Department, College of Business, Lamar University)

The Impact of Burnout and Exhaustion on Gaming Addiction and Quitting Intentions
Chaitali Bonke (University of Texas, Rio Grande Valley), Maliha Alam (University of Texas, Rio Grande Valley)

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Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Grand Sonoran A   JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Innovative Technologies and Human-AI Collaboration

This session explores cutting-edge research on the integration of advanced technologies and human-AI collaboration in diverse fields. The three invited papers offer practical and policy implications, as well as design strategies that harness technology for societal and economic benefits.

Chair: Heeseung Andrew Lee (University of Texas at Dallas)

Safety on Autopilot: An Empirical Investigation of Autonomous Driving and Traffic Safety
Miyeon Jung (University of Nevada, Las Vegas)

Learning complementary policies for human-AI teams
Ruijiang Gao (University of Texas at Dallas)

Designing E-commerce Livestreams: How Product Presentation Duration Affects Sales?
Si Xie (George Mason University)

Dynamic Capacity Management in 5G Networks
Demet Batur (University of Nebraska - Lincoln), Jennifer K Ryan (University of Nebraska - Lincoln), Mehmet Can Vuran (University of Nebraska - Lincoln)

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Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Desert Suite 4   JW Marriott Desert Ridge Resort

INNOVATION AND NEW PRODUCT DEVELOPMENT: Supply Chain Innovation

This session is on supply chain innovation

Chair: Jafar Namdar (Department of Supply Chain Management, Eli Broad College of Business, Michigan State University)

Innovation in Cold Chain: An AI/ML Driven Approach to Overcome Capacity Shortages
Ilya Jackson (MIT), Maria Jesus Saenz (MIT)

Supply Base Innovation and Firm Productivity: Evidence from Analytics Human Resources
Jafar Namdar (Department of Supply Chain Management, Eli Broad College of Business, Michigan State University), Yuanyang Liu (Department of Business Analytics and Statistics, Haslam College of Business, University of Tennessee, Knoxville), Sachin Modi (Department of Operations, Business Analytics and Information Systems, University of Cincinnati)

Supply Base Disclosures and Firm Innovation: The Contingency Effects of R&D Intensity and Influence
Nitin Jain (Indian Institute of Management Udaipur), Anirbhan Adhikary (IIM Udaipur), Sreejith Kumar Krishnakumar (Indian Institute of Management Udaipur), Sourav Bikash Borah (Indian Institute of Management Ahmedabad)

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Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Grand Canyon 11   JW Marriott Desert Ridge Resort

INNOVATIVE EDUCATION: Student Empowerment

This session presents research and teaching to support and enhance student empowerment in the classroom.

Chair: Yamini Jha (Western New England University)

Beyond the Classroom: Exploring Motivations and Perceived Benefits of Student Club Participation on Social Capital, Intellectual Growth, and Well-being

Yamini Jha (Western New England University), Murat Aydogdu (Western New England University), Sanjeev Jha (Western New England University)

Search a Function of the Subject. ChapGPT, Library, or Internet?

Anil Aggarwal (University of Baltimore), Danielle Fowler (University of Baltimore), Cong Zhang (University of Baltimore)

Developing SMARTER Robots Engaged in Robotic Interventions for Students with Learning Disabilities

Anshu Arora (University of the District of Columbia), Amit Arora (University of the District of Columbia), Mohamad Sepehri (University of the District of Columbia), John McIntyre (Georgia Institute of Technology)

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Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Grand Canyon 12   JW Marriott Desert Ridge Resort

LOGISTICS AND TRANSPORTATION MANAGEMENT: Transportation Optimization

This session discusses optimization solutions to facilitate and improve performance and decision making in various types of transportation systems.

Chair: Yoshinori Suzuki (Iowa State University)

Addressing Empty Container Repositioning and Market Uncertainty in Maritime Transportation

Mehdi Najafi (Toronto Metropolitan University), Hossein Zolfagharinia (Toronto Metropolitan University)

Driver-Centric Vehicle Routing for Parcel Delivery Operations

Yoshinori Suzuki (Iowa State University), Bo Lan (West Virginia University)

Optimization of Logistics Distribution for Houston Food Bank Using Linear Programming

Emily Wang (The Kinkaid School)

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Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Grand Canyon 9   JW Marriott Desert Ridge Resort

MARKETING AND CONSUMER BEHAVIOR: Product Returns, Reviews and Ratings

This session examines the product return operations and the impact of product attributes, to include ratings and reviews, on consumer demand.

Chair: Yu-Chen Yang (Department of Information Management, Naitonal Sun Yat-sen University)

Design of Returnless Refunds in Online Retailing

Alireza Yazdani (California State Polytechnic University, Pomona), Eren Cil (University of Oregon), Monire Jalili

(Bentley University), Michael Pangburn (University of Oregon)

How do gender and ethnic diversity impact consumer returns?
Yu Jiang (University of Tennessee, Knoxville), Michael Galbreth (University of Tennessee, Knoxville), Paolo Letizia (University of Tennessee, Knoxville), Paolo Roma (University of Palermo)

Multi-Period Pricing and Product Improvement: How Informative Are Product Ratings to New Customers?
Alireza Yazdani (California State Polytechnic University, Pomona), Hossein Rikhtehgar Berenji (Pacific University)

Reconciling Thick Data and Big Data to Advance the Understanding of Online Reviews
Yu-Chen Yang (Department of Information Management, Naitonal Sun Yat-sen University), Chieh Lee (National Sun Yat-sen University), Fang-Kai Chang (Department of Information Management, College of Management, National Kaohsiung University of Science and Technology)

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Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Grand Canyon 13   JW Marriott Desert Ridge Resort

PROCUREMENT AND SOURCING: Strategic Responses to Modern Business Dynamics
This session includes research presentations on how firms navigate uncertainty, leverage digital technologies, and adapt product assortments to drive success in the dynamic purchasing and sourcing landscape.
Chair: Jie Lian (The University of Oklahoma)

Revisiting Supply Chain Response Strategy Under Uncertainty and Asymmetric Information
chuqiao peng (University of Oklahoma), Desmond (Ho-Fu) Lo (Santa Clara University), Qiong Wang (University of Oklahoma), Kenneth J. Petersen (University of Oklahoma)

An Empirical Study of Organic Product Spillover in Assortment
Zhihao Zhang (Zhihao Zhang), Yan Dong (University of South Carolina), Sriram Venkataraman (University of South Carolina), Jayanth Jayaram (University of Oklahoma)

Scans, Traffic, and Sales: Unveiling the Influence of Mobile Consumer Scanning Technology on Retail Dynamics
Brett Wang (University of Maryland), Xiaodan Pan (Concordia University), Kevin Park (University of Dayton), Martin Dresner (University of Maryland), Oliver Yao (University of Delaware)

The Impact of Autonomy in Supplier Selection on Franchise Outlet Performance
Jaewoo Lee (University of South Carolina), Keith Skowronski (University of South Carolina), Sean Handley (University of South Carolina)

156
Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Pinnacle Peak 3   JW Marriott Desert Ridge Resort

SERVICE SYSTEMS AND OPERATIONS: Delivery Operations
This session explores different aspects of delivery operations, including the impact of on-demand services on retail success, operational characteristics and driver behaviors, the effects of online mapping errors on last-mile delivery, and the segmentation of mobile food delivery users.
Chair: Yawen Zheng (The Ohio State University)

Delivered on Demand: Unpacking the Value of On-demand Delivery on Retail Success

Yawen Zheng (The Ohio State University), Sean Wan (The Ohio State University)

Delivery task operational characteristics and driver behaviors
Nicolo Masorgo (Miami University), David Dobrzykowski (University of Arkansas), Brian Fugate (University of Arkansas - Fayetteville, AR), Christopher S. Tang (Anderson School of Management - University of California Long Beach)

Online Mapping Errors and their Impact on Last-Mile Delivery Operations
Yuqing Cheng (Arizona State University), Elliot Rabinovich (Arizona State University), Stanley Lim (Michigan State University)

Understanding Mobile Food Delivery User Segmentation
Ruoqing Zhang (Central Connecticut State University), Youcai Yang (East China Normal University)

157 Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Desert Suite 6   JW Marriott Desert Ridge Resort

Special Session Presented by DSI Fellows - Decision Sciences to Address Global Challenges
Hosted by DSI Fellows, this session will feature DSI Fellow Asoo J. Vakharia speaking on "Economics of Online Education" and Xiande Zhao speaking on "Digital Supply Chain and Business Model Innovations in China."
Workshop Coordinator: Maling Ebrahimpour (University of Rhode Island)
Presenters: Asoo Vakharia (University of Florida), Xiande Zhao (China Europe International Business School)

158 Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Grand Sonoran I   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: Supply Chain Contracting
Studies relating to supply chain contracting.
Chair: Partha Sarathi Mishra (Kellogg, Northwestern University)

Dual-sourcing of capacity: Frequent batching or more on-demand?
Partha Sarathi Mishra (Kellogg, Northwestern University), Sunil Chopra (Kellogg, Northwestern University), Sebastian Martin (Kellogg, Northwestern University), Karen Smilowitz (Northwestern University)

Fuzzy Multi-Objective Mathematical Model for Supplier Selection in Reverse Logistics Systems
Kamran Moghaddam (Clayton State University)

Optimal Policies for Lost Sales Inventory Problems with Quantity Discount
Md Abu Helal (The University of Texas at Arlington), Alain Bensoussan (The University of Texas at Dallas), Viswanath Ramakrishna (The University of Texas at Dallas), Suresh P. Sethi (The University of Texas at Dallas)

Managing Spot Price Fluctuations with Procurement Options Contract
Ozgun Demirag (Penn State Erie), Yong-Hong Kuo (University of Hong Kong), jie wang (Zhejiang University)

159 Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Grand Sonoran H   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: Technological Innovations in Supply Chain Management

This session explores the role of emerging technologies in reshaping logistics and operations management, with a particular focus on enhancing transportation systems and addressing supply chain complexities. It will examine how these technologies improve decision-making, increase safety and efficiency in operations, and optimize delivery processes.

Chair: Vipul Garg (Texas A&M University-San Antonio)

Exploring the Impact of Mental Features on Distracted Driving Across Age Groups

Setareh Daneshgar (University of North Texas), Suman Niranjan (University of North Texas), Vipul Garg (Texas A&M University-San Antonio)

The Complexity Conundrum: Navigating the New Age of Supply Chain Management

Rishabh Rana (Jackson State University), Ila Manuj (University of North Texas)

A Novel Solution For Target Setting

Nasim Sharafi (University of north texas)

Supply Chain Sustainability and Industry 4.0 Technologies: A Literature Review

Usman Khalid (Lahore University of Management Sciences), Sajida Reza (Balochistan University of Information Technology, Engineering and Management Science)

Presenters: Lanlan Zhu (University of North Texas), Nasim Sharafi (University of north texas)

160   Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Grand Canyon 5   JW Marriott Desert Ridge Resort

SUPPLY CHAIN RISK AND RESILIENCY: Analytical Approaches for Building Supply Chain Resilience

This session delves into analytical approaches for managing supply chain risk. One presentation uses a case study approach to demonstrate how data analytics can predict supplier disruptions in the automotive industry, assessing the value of internal versus collective knowledge. Another presentation explores a novel heuristic for designing stochastic supply chain networks, addressing challenges with uncertain demand. Another group of authors presents a mathematical model that evaluates the effectiveness of source diversification in mitigating supply disruptions. Finally, a decision-making framework for incorporating resilience into supplier evaluations is presented. This session highlights actionable insights for enhancing supply chain resilience.

Chair: Gang Wang (University of Massachusetts Dartmouth)

Designing a stochastic supply chain network: An error-bound-based heuristic

Gang Wang (University of Massachusetts Dartmouth)

Source Diversification in the Face of Supply Disruptions

Esmail Mohebbi (University of West Florida)

A Methodology for Incorporating Resilience into Supplier Evaluation

John Maleyeff (Boston University), Po-Wei Chang (Boston University), Shuting Peng (Boston University), Song-Bo Ma (Boston University)

161   Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Grand Sonoran J   JW Marriott Desert Ridge Resort

SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: ESG studies in Operations and Supply Chain Management

ESG studies in Operations and Supply Chain Management

Chair: C. Christopher Lee (Central Connecticut State University)

A Balancing Act: Managing Internal and External Barriers for Enhanced TBL in Supply Chain Collaboration
Alina Marculetiu (Yougstown State University), Cigdem Ataseven (Cleveland State University)

Attention Management by Salience in ESG Report
Yany Li (Montclair State University), Yunsen Wang (Montclair State University), Silvia Romero (Montclair State University)

CEO Career Horizon and Environmental Governance: Evidence from a Regression Discontinuity Design
Jiazhen Song (University of Science and Technology of China), Jiashun Huang (University of Science and Technology of China)

Does ESG Impact Employee Engagement in the Workplace? A Study of Employee Generation Differences
C. Christopher Lee (Central Connecticut State University), Keshab Acharya (Central Connecticut State University), Hyoun Sook Lim (Central Connecticut State University)

Sustainable Supply Chain Practices and ESG Training: Their Mitigating Role for Carbon Emissions
ABDULLAH S. KARAMAN (Winthrop University), Nejla O. D. Ellili (Abu Dhabi University), Ali Uvar (Excelia Business School)

162 Sunday, Nov 24th, 2024, 8:00-9:30 a.m. | Grand Canyon 2   JW Marriott Desert Ridge Resort

WORKSHOP: Be part of GMRG - Data collection update and future activities

Part 1: Review and discussion of the latest sixth round of international operations data collection which recently concluded. Part 2: GMRG has been enabling operations research for almost 40 years. We will review and discuss new and attractive directions for collaboration among researchers with a focus on international operations. Initial ideas will be presented. The major part of the discussion is designed to generate ideas for contemporary and exciting research, supported through the collaboration of operations researchers (you) across universities and countries. The session will conclude with an open discussion on opportunities and how to become a part of GMRG.

Workshop Coordinator: Scott Webster (Arizona State University)
Presenters: Thomas Kull (Arizona State University), Robert Wiedmer (Arizona State University), Artur Swierczek (Molde University College), Torsten Doering (Minerva University)

Sunday, Nov 24th, 2024, 9:00 a.m.-5:00 p.m.

163 Sunday, Nov 24th, 2024, 9:00 a.m.-5:00 p.m. | Grand Canyon 8JW Marriott Desert Ridge Resort

PLACEMENT SERVICES: Sunday 9am to 5pm

PLACEMENT SERVICES: Open Sunday 9am to 5pm

Sunday, Nov 24th, 2024, 9:30-10:00 a.m.

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Sunday, Nov 24th, 2024, 9:30-10:00 a.m. | Grand Canyon 6 - 7 JW Marriott Desert Ridge Resort

COFFEE BREAK: Co-sponsored by Cengage and Bowling Green State University
Coffee and tea break. Visit Exhibitors as well!

Sunday, Nov 24th, 2024, 10:00-11:30 a.m.

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Sunday, Nov 24th, 2024, 10:00-11:30 a.m. | Grand Sonoran F   JW Marriott Desert Ridge Resort

KEYNOTE: AI and the Future of Business Research
The 2024 DSI Annual Conference Team is proud to announce the first of two keynotes planned for the November conference. Titled AI and the Future of Business Research, Distinguished Professor of Supply Chain Management at Northeastern University and DSI Fellow, Nada Sanders, will discuss how the digital transformation, under way for several decades, was merely the predicate for the AI revolution catalyzed by the global pandemic. AI is now referred to as society's "Promethean moment." It represents such a disruptive change that it is not sufficient to change any one thing – but requires us to change everything.
Moderator: Rebekah Brau (Brigham Young University)
Presenter: Nada Sanders (Northeastern University)

Sunday, Nov 24th, 2024, 11:30 a.m.-1:00 p.m.

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Sunday, Nov 24th, 2024, 11:30 a.m.-1:00 p.m. | Grand Canyon 6 - 7 JW Marriott Desert Ridge Resort

MEAL: Sunday Lunch On Your Own
Enjoy lunch with colleagues at the variety of venues available at the hotel or nearby.

Sunday, Nov 24th, 2024, 1:00-2:30 p.m.

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Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Grand Canyon 4   JW Marriott Desert Ridge Resort

AGRICULTURAL AND FOOD SUPPLY CHAINS: Food Delivery Platforms and their Impact on Industry
This session focuses on research into various aspects of food delivery platforms and how their introduction can affect the food industry and society.
Chair: Sandeep Srinivas (University of Illinois at Urbana-Champaign)

Food Ordering and Delivery: How Platforms and Restaurants Should Split the Pie
Jaelynn Oh (The University of Utah)

Efficiency and Driver Behavior in Ride-Hailing Platforms with Adjacent Services: An Empirical Study of the Impact of Food Delivery Introduction
Thu Trang Hoang (University of Nebraska Omaha), Michael Dwyer (Iowa State University)

The Effect of Food Delivery Platforms on Restaurant Industry Market Structure
Sandeep Srinivas (University of Illinois at Urbana-Champaign)

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Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Grand Sonoran G   JW Marriott Desert Ridge Resort

AWARDS: Instructional Innovation Award Competition
New, innovative, and effective ways to illustrate key concepts are often what make for a memorable and enhanced learning experience. This competition identifies and recognizes outstanding pedagogical innovations in the classroom. Winning paper receives a $500 award.

Deepening students' knowledge of real-world decisions in supply chain and logistics systems
Michael Haughton (Wilfrid Laurier University - Lazaridis School of Business & Economics)

Ditching the lecture and textbook: Designing a decision analytics class around team-based learning and group development using OER
William Millhiser (Zicklin School of Business, Baruch College, CUNY)

Introducing the Theory of Constraints in Operations Management Courses Using an Interactive Computer Game Simulation
Akhadian Harnowo (Washburn University)
Coordinator: **Satish Nargundkar**, *Georgia State University*

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Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Grand Canyon 3   JW Marriott Desert Ridge Resort

BEHAVIORAL OPERATIONS MANAGEMENT: Innovation in Behavioral Operations Management
This session includes presentations related to innovation and behavioral operations management research.
Chairs: Maria Ibanez (Northwestern University), Sebastian Villa (University of New Mexico)

How Do Mobile App Updates Influence User Engagement and App Performance?
Alejandro Hernandez (Northwestern Kellogg), Maria Ibanez (Northwestern University)

The Impact of Empirical Research on Operations Management
Nalin Shani (Northwestern Kellogg), Maria Ibanez (Northwestern University)

Generic Drug Transparency - Testing a Regulatory Policy Proposal
Sebastian Villa (University of New Mexico), Gloria Urrea (University of Colorado Boulder, United States), George Ball (Indiana University), John Gray (Ohio State University)

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Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Grand Sonoran E - 2   JW Marriott Desert Ridge Resort

BOARD MEETING: Southwest DSI Board Meeting

A meeting of the members of SWDSI Board of Directors.

Members: William D Senn (Tarleton State University), Kabir Hassan (University of New Orleans), Venugopal Gopalakrishna-Remani (The University of Texas at Tyler), Catalin C. Dinulescu (Tarleton State University), Rajat Mishra (Stephen F. Austin State University), Lu Xu (University of North Georgia), Denise Philpot (University of North Texas)

Chair: **Kittipong Boonme**, *Texas Woman's University*

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Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Grand Canyon 2   JW Marriott Desert Ridge Resort

BUSINESS ANALYTICS: Analytics and Fairness in Healthcare

This session focuses on analytics in healthcare, especially fair and efficient allocations of development aids and vaccines, and other healthcare-related topics.

Chair: Sandun Perera (University of Nevada, Reno)

Enhancing Fairness and Accuracy in Mammography Screening Using a Custom Ensemble

Mehmet Ahsen (University of Illinois), Mehmet AYVACI (UT DALLAS)

Topic Modeling in Business Analytics for Healthcare Information Sharing Systems

Ava Hajian (School of Business, Elon University), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS))

Using an Analytical Approach to Ensure Fair Vaccine Allocation in the Early Stages of a Pandemic

Ehsan Ahmadi (Mercer University), Reza Maihami (Assistant Professor of Management and Supply Chain Analytics, School of Business, Mercer University)

Aligning Development Aid toward Sustainable Development Goals

Sandun Perera (University of Nevada, Reno)

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Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Grand Sonoran E - 1   JW Marriott Desert Ridge Resort

COMMITTEE MEETING: Publications Committee

A meeting of the members of the DSI Publications Committee.

Members: Xenophon Koufteros (Texas A & M University), Sri Talluri (Michigan State University), Ashish Gupta (Auburn University), Pedro Reyes (Baylor University), Arash Azadegan (Rutgers University), Kaitlin Wowak (University of Notre Dame), Thomas Goldsby (University of Tennessee Knoxville), Stephan M. Wagner (ETH Zurich)

Chair: **Asil Oztekin**, *University of Massachusetts Lowell*

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Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Grand Sonoran D   JW Marriott Desert Ridge Resort

DATA, ANALYTICS AND STATISTICS INSTRUCTION: Enhancing Python Based Analysis Instruction

Experiences with Python instruction in three different courses: 1) Comparison of Python's machine learning output with other tools to identify relative strengths and weaknesses plus an ongoing project to create a new Python package that enhances model evaluation output; 2) Common challenges faced by both students and instructors integrating Python into business analytics instruction along with tailored pedagogical strategies and comprehensive support materials containing detailed explanations, step-by-step tutorials, and case studies; 3) Experiences with using AI tools for teaching python for data science to freshmen.

Chairs: Robert Andrews (Virginia Commonwealth University), Kellie Keeling (University of Denver)

Presenters: Mike Ellis (University of Central Arkansas), Leida Chen (alifornia Polytechnic State University, San Luis Obispo), Kevin Lertwachara (California Polytechnic State University, San Luis Obispo), Charlie Apigian (Belmont University)

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Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Desert Suite 3   JW Marriott Desert Ridge Resort

DECISION SCIENCES IN PRACTICE: Empirical Methods in Practice

The session showcases a range of studies employing empirical research techniques to address varied real-world issues. The presentations coveres foreign investment in Armenia, climatic changes across U.S. cities, and defining the IT job market, offering valuable insights and practical implications for industries, policymakers, and academia.

Chair: Richard Woolridge (University of Arkansas at Little Rock)

Analysis of operational tools and techniques in companies with substantial foreign direct investment in Armenia

Agassy Manoukian (American University of Aremnia), Vahe Odabashian (American University of Aremnia), Michael Kouchakdjian (American University of Aremnia), Nane Khachikyan (American University of Aremnia), Ovsana Tshagharyan (American University of Aremnia), Lusine Harutyunyan (American University of Aremnia), Meghedi Baghoomian (American University of Aremnia)

Assessing the impact of climatic changes in U.S. cities.

Stergios B. Fotopoulos (Washington State University), Alexandros Paparas (Eastern Washington University), Stella Alevra (Washington State University)

The IT Job Market: Definition and Trends

Richard Woolridge (University of Arkansas at Little Rock), Vess Johnson (University of North Texas)

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Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Grand Canyon 1   JW Marriott Desert Ridge Resort

DIVERSITY, EQUITY AND INCLUSION: Promoting Equity in Healthcare Supply Chains and Crowdfunding

This collection of research highlights the importance of addressing systemic disparities in health and financial equity offering actionable insights for promoting fairness and inclusivity in various sectors.

Chair: Anjana Arunkumar (Northeastern University)

Enhancing Telemental Health Uptake: The Critical Role of Technological Infrastructure and Parity in Improving Mental Health Condition
Yi Tang (University of Minnesota), Eric Xu (Mississippi State University)

Hiding Behind Complexity: Supply Chain, Oversight, Race, and the Opioid Crisis
Iman Attari (Indiana University Bloomington), Jonathan Helm (Indiana University Bloomington), Jorge Mejia (Indiana University Bloomington)

Leveraging Data Visualizations to Mitigate In-Group Bias in Crowdfunding: Promoting Equity and Inclusivity Across Campaigner Demographics
Anjana Arunkumar (Northeastern University), Arun Madapusi (Northeastern State University), Daniel Arturo Cernas Ortiz (Universidad Autónoma del Estado de México)

Selection, Payment, and Information Assessment in Social Audits: A Behavioral Experiment
Gabriel Alfonso Pensamiento Calderon (University of Pittsburgh), Leon Valdes (University of Pittsburgh)

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Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Pinnacle Peak 1   JW Marriott Desert Ridge Resort

HEALTHCARE MANAGEMENT: Healthcare Policy and System Impacts

This session examines the impact of recent policy changes on healthcare delivery and outcomes. We begin with an evaluation of Kentucky's 1115 waiver for substance use disorders, highlighting how policy interventions increased service utilization and reduced emergency department visits. We then explore the effects of the recent nationwide ban on copay accumulators, analyzing its implications for drug purchases, patient costs, health equity, and stakeholder responses. Lastly, we investigate how legislative actions can drive broader organizational changes through interorganizational knowledge spillovers, demonstrating the potential for systemic improvements beyond targeted entities.
Chair: Luv Sharma (University of South Carolina)

Service Utilization of Substance Use Disorder Following 1115 Medicaid Waiver
Xiaoni Zhang (The University of Alabama at Birmingham), Valerie Hardcastle (Northern Kentucky University), Gary Ozanich (Northern Kentucky University)

Impact of Copay Accumulator Ban: Evidence from National Healthcare Utilization Data
Ji Won Moon (Pennsylvania State University), Hui Zhao (Pennsylvania State University), Susan Feng Lu (Purdue University)

Legislation Driven Interorganizational Knowledge Spillovers—An Empirical Investigation of the Quality Payment Program
Luv Sharma (University of South Carolina), Yingchao Lan (UNL), Myra Pan (Southwestern University of Finance and Economics)

Health Expenditure, Life Expectancy, and Regime Type
Tuncay Bayrak (Western New England University)

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Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Pinnacle Peak 2   JW Marriott Desert Ridge Resort

HEALTHCARE MANAGEMENT: Strategies and Impacts in Opioid Treatment and Recovery

This session delves into innovative strategies for addressing critical healthcare challenges. We explore machine learning applications for predicting opioid relapse rates, which improve early intervention and resource allocation. The impact of healthcare provider focus in substance use disorder (SUD) treatment centers is examined, revealing how depth versus breadth of services influences community health and center resilience. Additionally, we analyze drug shortages, customer behavior, and pharmacy strategies to enhance

decision-making in managing product scarcity. Finally, an Interrupted Time Series model assesses the effects of state-level opioid prescription limits, uncovering unintended consequences and informing policy adjustments.
Chair: Umit Celik (UNC-Chapel Hill, Kenan Flagler Business School)

Predictive Modeling of Relapse Rates and Simulation for Improved Early Intervention in Opioid Treatment Centers
Umit Celik (UNC-Chapel Hill, Kenan Flagler Business School), Brad Staats (UNC Kenan Flagler Business School)

Optimizing Drug Shortage Responses: Customer Behavior and Pharmacy Strategies
Lan Luo (University of Hartford), Lizao Zhang (University of Maine), Charles Lee Munson (Washington State University)

The Impact of Opioid Prescribing Limits on Drug Usage in South Carolina: A Novel Geospatial and Time Series Data Analysis
Amir Sadeghi (North Carolina State University)

178 Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Grand Canyon 12   JW Marriott Desert Ridge Resort

HUMANITARIAN OPERATIONS AND DISASTER MANAGEMENT: Topics in Humanitarian Operations and Disaster Resilience

This session explores a variety of research opportunities related to humanitarian operations and resilience
Chair: Christopher W Zobel (Virginia Tech)

Adapting the Inventory Routing Problem to Improve Water Delivery Scheduling for Water Insecure Households
Emerald Dudzinski (Grado Department of Industrial and Systems Engineering, Virginia Tech), Kimberly Ellis (Grado Department of Industrial and Systems Engineering, Virginia Tech)

Improving Outcomes of Food Support Programs Within Our Adolescent Population
Jason Deane (Virginia Tech), Andy Arnette (Virginia Tech), Christopher W Zobel (Virginia Tech)

Financial Supply Chains: Enhancing IS Efficiency and Resilience
Varada Krishnaswamy (Virginia Tech), Christopher W Zobel (Virginia Tech)

179 Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Desert Suite 5   JW Marriott Desert Ridge Resort

INDUSTRIAL AND SYSTEMS ENGINEERING: Synergizing Silos: Unleashing Potential at the Intersection of Business and Engineering

This panel discussion delves into the Integrated Business & Engineering programs in the US. Panelists will discuss the design and evolution of curricula, the alignment with industry needs, and the unique opportunities these programs offer for fostering a robust skill set that spans both business acumen and engineering expertise. Learn from academic leaders and industry partners about the challenges, successes, and future trends in integrating these two critical fields to better equip students for the complex demands of the modern workforce. This panel will provide valuable insights into how these programs are shaping an interdisciplinary approach to education and innovation.
Moderator: Michael Kwinn (The University of Arizona)
Panelists: Kristina Kennedy (The Ohio State University), Elizabeth Yu (The Ohio State University)

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Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Grand Sonoran A   JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Algorithmic Advancement

The session covers new methods and algorithms, as well as technologies that aid in decision-making.

Chair: Thomas E Ware (Arizona State University)

Beyond accuracy measures: the effect of diversity, novelty and serendipity in recommender systems on user engagement

Yanni Ping (St. John's University), Yang Li (Montclair State University)

Bias and Variance of Under/Overfitting in NN Models

Zeynep Orhan (University of North Texas), Mehmet Orhan (University of North Texas)

Empathic Algorithm Delegation: Fostering Optimal Human-AI Collaboration in Decision-Making

Thomas E Ware (Arizona State University), Tian Lu (Arizona State University), Raghu T.S. (Arizona State University), Benjamin Shao (Arizona State University)

Unmasking the Hidden Threat: Detecting Ethereum Phishing Nodes with Graph-Based N2VTSD Model

Hojun Kang (Sogang University), Sang-Gun Lee (Sogang University), Seung-Woo Hong (Sogang University)

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Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Grand Sonoran B   JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Information and Communications Technology

The session includes papers that discuss the economic and social issues of Information and Communications Technology. Attendees will gain insights into best practices for managing IT and ICT resources, real-world applications, and the strategic implications of leveraging these technologies to drive organizational success and societal welfare.

Chair: Askar Choudhury (Illinois State University)

How Do ICT Production and Use Affect Economic Growth through Energy Consumption?: The Case of European Countries

Jongtae Yu (KFUPM), Eun-Sun Lim (Pukyong National University), Dong-Yop Oh (Auburn University at Montgomery)

Identifying Organization-Wide Technology Replacement/Upgrade Timing

Askar Choudhury (Illinois State University), Nathan Hartman (Illinois State University), Ted Coussens (Illinois State University)

The Role of Information Technology Absorptive Capacity in Supply Chain Disruptions

Reza Gharoie Ahangar (Lewis University), Kiarash Sadeghi R. (North Carolina A&T State University), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS))

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Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Grand Canyon 9   JW Marriott Desert Ridge Resort

INNOVATION AND NEW PRODUCT DEVELOPMENT: Human Aspects, Sharing Economy, and

Privacy Issues of Innovation and New Product Development

This session is on human aspects, sharing economy, and privacy issues of Innovation and New Product Development.

Chair: Jiding Zhang (Arizona State University)

Balancing technology and human: Assessing differential impacts of tech-human hybrid service
Brett Wang (University of Maryland), Martin Dresner (University of Maryland), Xiaodan Pan (Concordia University)

Bike-sharing and Urban Safety
Wen Ya Shen (Arizona State University), Zenan Zhou (Arizona State University), Jiding Zhang (Arizona State University), Pei-yu Chen (Arizona State University)

Privacy Spillovers across Competing Platforms
Raveesh Mayya (New York University), Jiding Zhang (Arizona State University)

183 Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Desert Suite 4   JW Marriott Desert Ridge Resort

INNOVATION AND NEW PRODUCT DEVELOPMENT: Innovation – Current State and Future Opportunities for OM/SCM Researchers

There is robust literature on innovation in management, marketing, and strategy. In the past few years, OM/SCM researchers have been examining how firms can leverage their supply base in innovation activities. In this panel, supply chain scholars discuss the work accomplished in the past and future opportunities for research.

Moderator: Ravi Srinivasan (Loyola University Maryland)

Panelists: David Dobrzykowski (University of Arkansas), Sriram Narayanan (Michigan State University), Keith Skowronski (University of South Carolina), Morgan Swink (Texas Christian University)

184 Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Grand Canyon 11   JW Marriott Desert Ridge Resort

INNOVATIVE EDUCATION: Information Systems and Data Analytics

This sessions presents submissions dealing with integration of IS and Data Analytics

Chair: Sharonda Bishop (Cal Poly Pomona)

A "Beginning-to-End" Comprehensive Business Analytics Exercise
John Seydel (Arkansas State University), QianQian Yu (Shandong University of Finance & Economics)

An Exploratory Thematic Analysis of Information Systems and Data Analytics Student Internship Experiences: Challenges, Opportunities, and Recommendations
Zsolt Ugray (Utah State University), Lindsay Bennion (Utah State University)

The impact of Using Video Presentations to Increase Awareness of the Information Systems Major
Lakisha L. Simmons PhD (Tennessee State University), Aurore Jose Kamssu (Tennessee State University), Isaac Y. Addae (Tennessee State University)

Mixing Fun and Function: A Qualitative Data Analysis Exercise Using Music Playlists
Krystal Rawls (California State University, Dominguez Hills), Sharonda Bishop (Cal Poly Pomona), Shammi Gandhi (University of Northern Colorado), Nare Khodadadians (University of Southern California), Craig Seal (California State University, San Bernardino)

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Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Desert Suite 7   JW Marriott Desert Ridge Resort

OPERATIONS FINANCE INTERFACE AND ACCOUNTING: Operations Management and Consumer Behaviors

In this session, we have several papers investigating interesting research questions in the areas of operations and consumer behavior. The papers explore topics such as the formation of consumer behaviors, the impacts of firms' promotional strategies on consumer consumption behavior, and the factors of supply chain efficiency and stability. These studies aim to provide deeper insights into how to improve business outcomes.

Chair: Derui Wang (School of Management, University of Science and Technology of China)

Sponsored Search and Price Competition on an E-commerce Platform
Derui Wang (School of Management, University of Science and Technology of China)

Dissecting the Learning Curve for Supply Chain Efficiency and Stability: An Empirical Analysis
Mengfei Li (Fudan University)

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Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Pinnacle Peak 3   JW Marriott Desert Ridge Resort

SERVICE SYSTEMS AND OPERATIONS: Cybersecurity and Technology in Healthcare

This session explores key factors influencing hospital performance and public health. We first examine how cybersecurity, particularly multi-factor authentication, impacts hospital efficiency and financial performance, noting that while cybersecurity generally benefits hospital performance, its effectiveness is moderated by hospital size. We then investigate how sentiment analysis of Twitter and YouTube comments on children's food consumption can inform strategies to combat childhood obesity. Finally, we address concerns about cybersecurity's potential impact on emergency care delivery, finding that while enhanced EHR capabilities improve performance, cybersecurity controls do not adversely affect the quality of time-sensitive emergency care.

Chair: Chandra Prakash (University of the Cumberlands)

Hospital cybersecurity and financial performances
C. Christopher Lee (Central Connecticut State University), Jeong Hoon Choi (Youngstown State University), Jung Young Lee (Northen Illinois University), Sima Fortsch (Northern Kentucky University)

The influence of social media on children's obesity
Jesudhas Yogarajah (UNT), gayle prybutok (university of north texas), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS))

Cybersecurity Controls and EHR Use on Time-Sensitive Emergency Care Quality: Evidence from Panel Data Analysis of US Hospitals 2012-2017
Ajit Appari (Northeastern University), Eric Johnson (Vanderbilt University)

Securing Microservices in Healthcare Insurance: A Zero-Trust Architecture Approach
Chandra Prakash (University of the Cumberlands), Mary L Lind (University of the Cumberlands)

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Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Desert Suite 2   JW Marriott Desert Ridge Resort

SHOWCASE: Doctoral Research Showcase - Sustainability

Sponsored by Rutgers Business School, this session features Doctoral Research Showcase presentations - Sustainability.

Chair: Yang Li (Montclair State University)

Are Chief Sustainability Officers Guardians Of Environmental Justice? An Empirical Evaluation
Finn Petersen (University of Minnesota), Vibhuti Dhingra (Schulich School of Business, York University), Rachna Shah (University of Minnesota)

Rosy Signals and Postponement: Teeing up Future Risk in Maintenance Operations
Mateus do Rego Ferreira Lima (Indiana University), Elliot Bendoly (The Ohio State University), Nathan Craig (The Ohio State University), Kenneth Boyer (The Ohio State University)

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Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Desert Suite 8   JW Marriott Desert Ridge Resort

STRATEGIC MANAGEMENT AND ENTREPRENEURSHIP: Digital Innovations and Entrepreneurial Opportunities
This session sheds light on the transformative impacts of digital disruption in educational technology, film production efficiency, and blockchain startup competition.
Chair: Samaneh Samiee (PhD Candidate)

Blockchain Startups Competition: A Graph-based Empirical Analysis
Samaneh Samiee (PhD Candidate), Edmund Prater (University of Texas at Arlington)

Digital Disruption: Entrepreneurial Opportunities in Educational Technology
Stephanie L. Robinson (University of North Texas), Hussein A Dawood (University of North Texas)

Digital Horizons: Enhancing Film Production Efficiency through a Crew Management Platform
Sabine Baumann (Berlin School of Economics and Law), Tyler Mitchell (IMPACT)

BMW in San Luis Potosí, México: an example in industry 4.0 strategic collaboration in a cluster
Regina Leal Guemez (Universidad Autónoma Metropolitana-Iztapalapa), Salvador T. Porras (Universidad Autónoma Metropolitana-Iztapalapa)

189
Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Grand Sonoran I   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: Retail Supply Chains
Topics relating to retail supply chains.
Chair: Junghoon Song (Texas Wesleyan University)

Supply Chain Structures and Dynamic Pricing for a Product with Seasonal Demand: A Simulation-Based Optimization Analysis
Alireza Kabirian (University of Southern California- Marshall School of Business)

The Relationship between Strategy and Distribution Center Site Selection Decisions for the Retail Giants: Amazon, Target, and Walmart
Trisha Anderson (Texas Wesleyan University), Junghoon Song (Texas Wesleyan University)

Showroom locating problem: models and analysis
Dincer Konur (Texas State University)

The Interplay between Supplier's Demand Forecast Sharing and Channel Encroachment
Wenxin Zhang (Syracuse University), Zhengping Wu (Syracuse University)

190
Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Grand Sonoran H   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: Supply Chain Finance
Managing financial relationships in supply chains.
Chair: Tianling Xie (University of Toledo)

Examining the Supply Chain Finance Effect with Transactional Contracts
Xiaofeng Xie (Sichuan University), Xun Xu (California State University, Dominguez Hills), Zixuan Zhou (Sichuan University), Jing Gu (Sichuan University)

The Moderating Role of LSP-run Ambidexterity on the Link between Buyer-Supplier Self-Organization and Triadic Relational Performance
Artur Swierczek (Molde University College)

Joint Estimation of the Arrival Rate and Customer Taste Coefficients from Censored Transactional Data
Xinchang Wang (Washington State University), Weikun Xu (Washington State University)

191
Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Desert Suite 6   JW Marriott Desert Ridge Resort

SUPPLY CHAIN RISK AND RESILIENCY: Charting the Future: Advancing Research in Supply Chain Risk and Resilience
In the past four years, research on supply risk and resilience has surged. This panel discussion addresses the critical question: "What should be the future focus of research in this area?" Topics include interconnected supply chain risks like climate change, labor shortages, and net-zero goals; innovative strategies for building resilient supply chains; leveraging data analytics to enhance resiliency; and the role of artificial intelligence in risk management. Experts will explore these avenues to identify promising directions and impactful solutions for advancing supply chain resilience research.
Moderator: Andrea S. Patrucco (Florida International University College of Business)
Panelists: Steven Carnovale (Florida Atlantic University College of Business), George Zsidisin (University of Missouri – St. Louis)

192
Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Grand Sonoran C   JW Marriott Desert Ridge Resort

SUPPLY CHAIN RISK AND RESILIENCY: Enhancing Supply Chain Resilience: The Role of Technology, Inter-Organizational Relationships, and Firms' Financial Power
Resilience and risk management in supply chains largely depend on the technology used to manage information flows. Additionally, the inter-organizational relationships between entities and actors within supply chains, as well as the financial support that firms can receive when disruptions occur, play a critical role in identifying and managing risks, thereby enhancing supply chain resilience. This session focuses on aspects related to information technology, inter-firm relationships, firms' financial power, and their interaction in the context of resilience and risk management in supply chains.
Chair: Vahid Mirzabeiki (University of Surrey)

A Transformational Perspective on Resilience of Multi-Tier Supply Chains: The Case of Blockchain Technology
Vahid Mirzabeiki (University of Surrey)

Co-opetition in trucking and its influence on risk management and supply chain resilience
Jacob C Jensen (Auburn University)

Two Worlds, One Shock: A Comparative Analysis of Factors Influencing Firm Resilience in Developing and Developed Economies during Covid-19
Shravya Dharba (University of Puget Sound)

Augmented Intelligence for Smarter Supply Chains to Achieve Resilience and Sustainability
Cigdem Gurgur (Purdue University)

193 Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Grand Canyon 5   JW Marriott Desert Ridge Resort

SUPPLY CHAIN RISK AND RESILIENCY: The Role of Technology and AI-driven Solutions for Building Supply Chain Resilience
Research in this session investigates how technology can help to build more resilience supply chains. The presenters discuss how recent technologies, such as blockchain technology, Industry 4.0 solutions, and AI-based tools, help to predict risks and mitigate the impact of disruptions more effectively. Insights are gained from qualitative data, analytical models, and a systematic literature review.
Chair: Tugba Efendigil (Questrom School of Business Boston University)

Industry 4.0 Technologies and Supply Chain Resilience: A Systematic Literature Review
Sara Hajmohammad (University of Ottawa), Nasser Shahrasbi (San Francisco State University), Xie He (University of Ottawa)

Leveraging Advanced Technologies and AI-Driven Models in Supply Chain Resilience: A Focus on Anomaly Detection
Tugba Efendigil (Questrom School of Business Boston University)

Time-to-Adapt (TTA): Adaptation strategies during supply chain disruptions
Mohsen Mosayebi (Georgia College and State University), Mehrnaz Khalaj Hedayati (Georgia College and State University)

194 Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Grand Sonoran K   JW Marriott Desert Ridge Resort

SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Emerging Topics in Corporate Social Responsibility and Sustainability
The session explores the latest issues and challenges that fall under the broad corporate social responsibility and sustainability domain.
Chair: Arda Yenipazarli (Georgia Southern University)

The dual-purpose playbook: Should purpose-driven firms choose a pioneering position over profit-driven firms in promising market niches?
Arda Yenipazarli (Georgia Southern University)

Personalized pricing and firm incentives
Liyan Yang (University of Toronto), Yan Xiong (Hong Kong University of Science and Technology)

Rethinking remanufacturing for non-durable goods: An apparel remanufacturing model under extended producer responsibility legislation

Caroline Schumm (Iowa State University), Meltem Denizel-Karakaya (Iowa State University)

Remanufacturing and e-waste management: an environmental perspective

Lan Wang (California State University, East Bay), Tharanga Rajapakshe (University of Florida), Asoo Vakharia (University of Florida)

195 Sunday, Nov 24th, 2024, 1:00-2:30 p.m. | Grand Sonoran J   JW Marriott Desert Ridge Resort

SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Studies in Closed-loop Supply Chains

Studies in Closed-loop supply chains

Chair: Raj Kamalapur (Angelo State University)

Are Consumers Interested in Reusable Packaging in B2C E-Commerce Supply Chain: A Survey Study

Raj Kamalapur (Angelo State University)

A Systematic Literature Review of Circular Economy Investment

Lihua Sun (University of Electronic Science and Technology of China), Zhuowen Chen (Worcester Polytechnic Institute), Joseph Sarkis (Worcester Polytechnic Institute)

Bottle Bill Redemption: Container Deposit Policy and Supply Chain Design

Austin Iglesias Saragih (Massachusetts Institute of Technology)

Sunday, Nov 24th, 2024, 2:30-2:50 p.m.

196 Sunday, Nov 24th, 2024, 2:30-2:50 p.m. | Grand Canyon 6 - 7   JW Marriott Desert Ridge Resort

COFFEE BREAK: Co-sponsored by Cengage and Ohio State University

Coffee and tea break. Visit Exhibitors as well!

Sunday, Nov 24th, 2024, 2:50-4:20 p.m.

197 Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Grand Canyon 4   JW Marriott Desert Ridge Resort

AGRICULTURAL AND FOOD SUPPLY CHAINS: Agricultural Logistics

This session discusses the logistics and transportation in agri and food supply chains.

Chair: Neng Fan (University of Arizona)

Food on the Way: Food Price Factored by Transportation amid the COVID-19 Pandemic
Jasmine Chang (New Jersey Institute of Technology), Fuqin Zhou (New Jersey Institute of Technology), Nesreen El-rayes (New Jersey Institute of Technology), Jim Shi (New Jersey Institute of Technology)

Exploring the impact of fare-free public transit on food security in the US
Elena Krasovskaia (Cornell University)

Multistage Stochastic Optimization for Semi-Arid Farm Operations under Drought Scenarios
Neng Fan (University of Arizona)

A Comprehensive Review of the Fertilizer Supply Chain in Canada: Challenges, Innovations, and Future Directions
Narendra Malalgoda (University of Manitoba), Vaibhav Garg (Indian Institute of Technology Bombay)

198 Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Desert Suite 6   JW Marriott Desert Ridge Resort

Building Technical Agility Skills: A Hands-On Approach to Teaching Business Analytics
Closed session; by invitation only Join McGraw Hill author, Vern Richardson, and the Business Analytics Product team for an interactive workshop focused on enhancing technical agility and hands-on learning in Business Analytics courses. As an award-winning educator, Vern will showcase his proven "I do—you do" approach, utilizing application-driven labs. Together, we'll discuss and discover how rapidly evolving tools like Python and Generative AI (GenAI) meet the demands of the fast-paced world of Business Analytics, keeping your course modern and relevant.
Member: Vern Richardson (University of Arkansas)
Chair: **Kelsey Darin**, *McGraw-Hill*

199 Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Grand Canyon 2   JW Marriott Desert Ridge Resort

BUSINESS ANALYTICS: Data-Driven Models
This session includes several data-driven optimization models.
Chair: Shubham Singh (Purdue University Fort Wayne)

Data-Driven Optimization of Insurance Premiums: Methodology and Real-World Application
Foad Haji Mohammad (Sprott School of Business (Carleton University)), Aaron Luntala Nsakanda (Sprott School of Business (Carleton University)), Marcia Mkansi (College of Economic and Management Sciences (University of South Africa))

Evaluating random yield variability in data-driven newsvendor
Adeela Gulzari (University of North Texas), Robert Pavur (University of North Texas)

Unlocking Business Success, Empirical Examination of Data-Driven Strategies and Applied Business Analytics
Shubham Singh (Purdue University Fort Wayne), Sandeep Jagani (Illinois State University)

Developing A General Methodology to Enhance Simulation Modeling Capabilities Using Process Mining
Rahul Mudliar (Illinois State University), Borinara Park (Illinois State University)

200 Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Grand Canyon 1   JW Marriott Desert Ridge Resort

BUSINESS ANALYTICS: Social Media Analytics

Social media analytics is crucial for businesses and organizations as it provides insights into customer behavior, preferences, and trends. By analyzing data from platforms like Facebook, Twitter, and Instagram, companies can enhance their marketing strategies, improve customer engagement, and boost brand loyalty. Social media analytics drives informed decision-making and strategic planning, ultimately contributing to business growth and success. This session provides four example contexts where social media analytics could be utilized

Chair: Sina Shokoohyar (Seton Hall University)

The Impact of Gas Prices on Electric Vehicles Discourse in Social Media: A Social Media Analysis

Sina Shokoohyar (Seton Hall University), Vahid Ghomi (Pennsylvania State University), Weimin Liang (University of Massachusetts Amherst), Andy Sinclair (Florida Atlantic University), Charlie Evert (Saint Joseph's University)

Ridesharing Quality Of Service Pre- And Amid-Covid-19 Pandemic Using Advanced Text Mining Techniques

AmirMahdi Khabooshani (Sadjad University of Technology), Anae Sobhani (Harford University), Wenxiang Xu (Tongji University), Ting Fu (Tongji University), Sina Shokoohyar (Seton Hall University), Ahmad Sobhani (Hartford University)

Ridesharing trip time pre- and post-COVID-19 pandemic using advanced text mining technique – the USA vs Indian case study

Wenxiang Xu (Tongji University), Anae Sobhani (Harford University), Ting Fu (Tongji University), Sina Shokoohyar (Seton Hall University), Ahmad Sobhani (Hartford University), Behnaz Raouf Hassanzadeh (Fairfax County)

Is ChatGPT better than human review? A potential solution for repossession companies and account updates

Andy Sinclair (Florida Atlantic University)

201 Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Grand Sonoran E - 2   JW Marriott Desert Ridge Resort

COMMITTEE MEETING: DSI Fellow Committee

A meeting of the members of the DSI Fellow Committee.

Members: Barbara Flynn (Fundacao Getulio Vargas EAESP), Peter Ward (Ohio State University), Mark Ferguson (University of South Carolina), Xiande Zhao (China Europe International Business School), Asoo Vakharia (University of Florida), Jan Olhager (Lund University), Manoj Malhotra (LeHigh University), Xenophon Koufteros (Texas A & M University), Kevin W. Linderman (The Pennsylvania State University)

Chair: **Maling Ebrahimpour**, *University of Rhode Island*

202 Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Grand Sonoran E - 1   JW Marriott Desert Ridge Resort

COMMITTEE MEETING: Marketing Committee

A meeting of the members of the DSI Marketing Committee.

Members: PJ Byrne (Dublin City University), Iana Shaheen (University of Arkansas), Melek Atkins Ates (Sabanci University), LeAnn Boyce (University of North Texas), Robert Pavur (University of North Texas), Osman Aydas (Oakland University)

Chair: **Marco Sartor**, *University of Udine*

203

Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Grand Sonoran D   JW Marriott Desert Ridge Resort

DATA, ANALYTICS AND STATISTICS INSTRUCTION: Discussion of Navigating the Line Between Cheating and Creative Use of AI Resources

Ideally, boundary lines should be as clearly defined as possible to provide guidelines for students in a class or workers in their jobs, but the line between ethical use and unethical AI use and when one can claim intellectual ownership of Generative AI results is blurry at best. Session will have an open discussion led by panelists sharing their experiences and thoughts. A goal is to provide practical recommendations for course policies surrounding AI without limiting the student's creativity, critical thinking skills, and the ability to gain experience with this technology as they step into an "AI-dominated work environment."

Moderators: Robert Andrews (Virginia Commonwealth University), Kellie Keeling (University of Denver)

Panelists: Asit Bandyopadhayay (Austin Peay State University), David Stephan (Two Bridges Instructional Technology), Cliff Ragsdale (Virginia Tech)

204

Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Pinnacle Peak 1   JW Marriott Desert Ridge Resort

HEALTHCARE MANAGEMENT: Online Health Communities and Text Analysis

This session examines healthcare delivery in the context of online health communities. Another session explores how to use public opinion and textual analysis.

Chair: Dominick T Kamssu (Vanderbilt University)

Analyzing Users' Comments on Breast Cancer Apps

Xiaoni Zhang (The University of Alabama at Birmingham), Teuta Cata (Northern Kentucky University), Zhilei Qiao (The University of Alabama at Birmingham), Xuan Huang (The University of Alabama at Birmingham)

Beyond Words: Unveiling the Effect of Physicians' Use of Audio Communication in Online Healthcare Communities

Xunyu Chen (Virginia Commonwealth University), Seokjun Youn (University of Arizona), Yeongin Kim (Wake Forest University)

Human Genetic Engineering: An Analysis of Public Opinion

Dominick T Kamssu (Vanderbilt University)

Appointment Scheduling: A Disconnect Between Theory and Practice

William Millhiser (Zicklin School of Business, Baruch College, CUNY), Emre Veral (Zicklin School of Business, Baruch College, CUNY)

205

Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Grand Sonoran B   JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Adoption, Impact, and Usage of Generative AI 2

This session includes papers exploring the adoption and impact of generative AI technologies. Attendees will gain insights into best practices for adopting generative AI, real-world use cases, and the strategic and operational implications of leveraging this advanced technology in their organizations.

Chair: Zhengzhong Shi (University of Massachusetts Dartmouth)

Examining the Impact of ChatGPT: AI Technological Factors and User Behavioral Responses
Mingming Du (University of Texas Rio Grande Valley), Jerald Hughes (University of Texas Rio Grande Valley), fardad Faress (University of Texas Rio Grande Valley), Hong Qin (University of Texas Rio Grande Valley)

Organizational Knowledge Integration and Generative AI
Zhengzhong Shi (University of Massachusetts Dartmouth)

The Influence of Knowledge Acquisition with Generative AI on Financial Well-Being and Entrepreneurial Intention
Alsius David (SUNY Oneonta), Oteng Ntsweng (Arizona State University), Md Rasel Al Mamun (University of Illinois Springfield)

206 Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Grand Canyon 9   JW Marriott Desert Ridge Resort

INNOVATION AND NEW PRODUCT DEVELOPMENT: Innovation Issues in Goods and Services
This session is about innovation in goods and services.
Chair: Qing (Ray) Cao (University of Houston Downtown)

Technology, organization, environment (TOE) and network externalities influence on adoption of metaverse technologies in service business
Qing (Ray) Cao (University of Houston Downtown), Rupak Rauniar (University of Houston Downtown), Vicky Gu (University of Houston - Clear Lake)

Identification of the Key Challenges in the Supply Chain of two and three-wheeler EV Industry of Pakistan
Attique ur Rehman (Lahore University of Management Sciences), Muhammad Shakeel Sadiq jajja (Lahore University of Management Sciences)

207 Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Desert Suite 4   JW Marriott Desert Ridge Resort

INNOVATION AND NEW PRODUCT DEVELOPMENT: Supply Network and Innovation
Firms rely on their suppliers for innovation. In this invited session, we have research that examines how certain structures as well as how the changes in the structures of supply networks affect firms' innovation performance.
Chair: Sophie Yang (Baylor University)

Ch-Ch-Ch-Ch-Changes: The Impact of Supply Base Growth, Contraction, and Turnover on Firm Innovation
Jordan Barker (Michigan State University), Ellie Falcone (Texas Christian University), Sophie Yang (Baylor University), Tingting Yan (Texas Tech University)

Horizontal vs. Vertical Structural Holes in Supply Networks and Their Impacts on Innovation
Sangho Chae (University of Warwick), Yang Sophie Yang-Sun (Baylor University), Shubhobrata Palit (ESADE Business School)

Innovation and accumulation of knowledge spillovers in buyer-supplier relationships
Shubhobrata Palit (ESADE Business School)

The Role of In-house Design and Component Interdependence on Sourcing Decisions and Performance
Woo Yong PARK (University of Nevada (Las Vegas)), Min Xu (Hong Kong Polytechnic Unverisity), Young Ro (University of Michigan, Dearborn), Faisal Khurshid (Hong Kong Metropolitan University)

208

Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Grand Canyon 11   JW Marriott Desert Ridge Resort

INNOVATIVE EDUCATION: Teaching and Research in Teaching Focused Business Schools

This session presents current teaching an research projects in teaching focused business schools.

Chair: Ardavan Asef-Vaziri (California State University, Northridge)

Having Students Create Interactive Self-Service Analysis Tools for Course Assignments
Kevin Potcner (JMP Statistical Software)

New Analytics Exercises – Plug-in Hybrid Airplane and Time-Out Market
F. Robert Jacobs (Indiana University)

High Impact Journals and Supper Journals for Teaching Focused Business Schools
Ardavan Asef-Vaziri (California State University, Northridge)

209

Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Grand Canyon 12   JW Marriott Desert Ridge Resort

LOGISTICS AND TRANSPORTATION MANAGEMENT: Policy Issues in Logistics and Transportation

This session explores the various policy, social, and operational implications of different transportation systems and regulations.

Chair: Abhay Grover (University of Wyoming)

A Decision on the Red River: Developing America's Last Great River for Transportation Needs
Maryam Kheirandish Borujeni (University of Arkansas), Gary L Stading (Texas A&M University - Texarkana)

Issues on Cost and Quality in Logistics Service
Yoshiki Matsui (The Open University of Japan)

Regional airport Development from the cargo perspective
Seiwook Chung (PhD student), Donghyun Choi (Chung-Ang University)

The implications of supply chain accountability regulations
Abhay Grover (University of Wyoming), David Cantor (Iowa State University), Tom Corsi (University of Maryland)

210

Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Desert Suite 5   JW Marriott Desert Ridge Resort

MANUFACTURING MANAGEMENT: Contemporary Issues in High-tech Manufacturing Operations

this session includes various research on high-tech manufacturing featuring topics on scheduling, facility logistics, production management, etc.

Chair: Gwangjae Yu (Samsung Electronics)

Multiple Orders per Job (MOJ) Scheduling Problems for Orders with Due Dates and Release Times in a Two-

stage Permutation Flowshop
Rohan Korde (Arizona State University)

Congestion-Based Approach to FAB Layout Design
BAEK HYUNSUK (Arizona State University)

Samsung Uses Data-Driven Approach to Manage Work-in-Process of Bottlenecks in Semiconductor Manufacturing Operations
Gwangjae Yu (Samsung Electronics)

211

Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Grand Canyon 3   JW Marriott Desert Ridge Resort

MARKETING AND CONSUMER BEHAVIOR: Privacy, Trust and Artificial Intelligence (AI)

This session examines contemporary topics on cyber-security (to include privacy management and trust) and Artificial Intelligence (AI).
Chair: Devdeep Maity (Delaware State University)

Optimal Regulation Paradigm Design with Privacy Protection and R&D Incentive
Qian (Ken) ZHANG (Cal Poly Pomona / University of Pittsburgh), Luying Wang (Tianjin University)

Q-PLHA Facebook Consumer Behaviors: Impact of Impression Management and Privacy Enigma
Guruprasad Yashwant Gadgil (University of Alaska Anchorage), gayle prybutok (university of north texas), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS))

Perceived Crisis and AI-Modality On Trust Towards the AI
Devdeep Maity (Delaware State University), Ashwini Gangadharan (Kutztown University of Pennsylvania), Juha Munnukka (University of Jyväskylä)

From Consumers to Creators: EnterArts' AI-Driven 'Instant Music' Platform
Jikyoung Kim (LG Display), Hong-Hee Lee (St. Mary's University), Jenna Lee (St. Mary's University), Mercedes Palacios Diaz (St. Mary's University)

212

Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Desert Suite 7   JW Marriott Desert Ridge Resort

OPERATIONS FINANCE INTERFACE AND ACCOUNTING: Financial Accounting and Planning

TBA
Chair: Wenxin Zhang (Syracuse University)

Income Planning for Individuals Anticipating Higher Income at Age 65 and Beyond With Emphasis on Medicare Insurance Premiums
Nathan Oestreich (San Diego State University), Sheldon Smith (Utah Valley University)

US GAAP vs. street and analyst forecast earnings: which one has more predictive power over future GDP growth?
Meng Huang (University of Toledo), Chao Wen (Ohio Northern university)

Social Media Disclosure and Stock Price Synchronicity
Bing Wang (Fuzhou University), Lerong He (SUNY-Geneseo), Yuanlong He (SUNY-Brockport)

213

Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Grand Canyon 13   JW Marriott Desert Ridge Resort

PROCUREMENT AND SOURCING: JPSM-sponsored panel: Future Topics in Purchasing and Supply Management Research

This session, sponsored by the Journal of Purchasing and Supply Management, brings together top scholars in the field. The goal of this session is to map the future of research in purchasing and supply management, focusing on critical research questions that need answering. This session will highlight unsolved problems where publication opportunities exist, and help scholars map future research agendas.

Moderator: Steven Carnovale (Florida Atlantic University College of Business)

Panelists: Craig Carter (Arizona State University), Keith Skowronski (University of South Carolina), David Dobrzykowski (University of Arkansas), Frederik Vos (Portland State University)

214

Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Desert Suite 3   JW Marriott Desert Ridge Resort

PROJECT MANAGEMENT: Agile Project Management: Enriching Practice-Oriented Approach with Theory for Sustainable Development

This group explores the intersection of agile methodologies, technology, and sustainability in project management. Together, these topics investigate the transformative impact of technology and agile practices on contemporary project management, offering insights into how these innovations can drive efficiency, adaptability, and sustainable outcomes in diverse project environments.

Chair: Xianghui (Richard) Peng (Penn State Erie, The Behrend College)

Agile Project Management: Enriching Practice-Oriented Approach with Theory for Sustainable Development
Ying Cao (Penn State Erie, The Behrend College), Xinyu Wei (California State University, Chico), Xianghui (Richard) Peng (Penn State Erie, The Behrend College)

: Exploring Team Perceptions of the Potential of AI-powered Tools for Enhancing Cultural Intelligence (CQ) in Global Agile Project Teams.
Efosa Odiase (Heriot-Watt University, Riccarton), Yolanda Obaze (University of Evansville), Marwah Ahmed Halwani (king Abdulaziz University)

Project Management for the Future: Leveraging Technology and Sustainability
Raju Boga (University of Central Missouri), Vatsal Paghadal (University of Central Missouri), Benjamin George (University of Toledo)

Strategic Planning 4.0: Automate the Process with Quality 4.0
Leilani Uttenreither (University of Maryland Global Campus), Mahesh Raisinghani (Texas Woman's University), Fen Wang (Central Washington University)

215

Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Grand Canyon 10   JW Marriott Desert Ridge Resort

ROLE OF AI AND TECHNOLOGY IN THE CLASSROOM: AI as a Teaching Tool in Business School Curriculum (II)

This session includes contributions focusing on AI as teaching tools in the business school curriculum.

Chair: Steven Formaneck (Minnesota State University Mankato)

Enhance Online Discussion with ChatGPT
Xiaoqing Li (University of Illinois at Springfield)

Teaching tool: blockchain-based supply chain simulation environment
Maxim Bushuev (Morgan State University)

Effects of Using AI with Experiential Games in the Operations Management Classroom
Steven Formaneck (Minnesota State University Mankato)

216
Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Grand Sonoran A   JW Marriott Desert Ridge Resort

SCHOLARSHIP OF TEACHING AND LEARNING SIG: Business Meeting
Business meeting for Scholarship of Teaching and Learning (SOTAL) participants to discuss the SIG charter, set goals, discuss current/future sessions, and elect SIG leadership for the next year.
Chairs: Pamela Rogers (Stephen F. Austin State University), Karen Eboch (Bowling Green State University)

217
Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Pinnacle Peak 3   JW Marriott Desert Ridge Resort

SERVICE SYSTEMS AND OPERATIONS: Customers Services and Satisfaction
This session explores different aspects of customer experiences and satisfaction. Topics include the impact of online reviews on product decisions, the influence of customer experiences on perceived value in hotels, responses to service failures in airlines, variability in service quality perceptions, and the effects of recovery on repurchase intentions in online-to-offline services.
Chair: Md Golam Rabbani (University of North Texas)

Analyzing the Role of Online Consumer Reviews in Product Development Decision Support
Qingyun Zhu (San Diego State University), Yiru Wang (State University of New York at Oswego), Xun Xu (California State University, Dominguez Hills)

Effects of Customer Experiences on Customer-Perceived Value in Wellness-Centric Hotel Stays
Min Kyung Lee (Baylor University), Aleda Marie V. Roth (Clemson University), Bernardo Francisco Quiroga (West Virginia University), Rohit Verma (University of South Carolina)

Evaluating Passenger Satisfaction in Response to Service Failure Complaints in the Airline Industry
Md Golam Rabbani (University of North Texas), M A Shariful Amin (Tarleton State University), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS))

Improving the Variability of Service Quality Perceptions in Service Systems
Andreas Soteriou (University of Cyprus), George Hadjinicola (University of Cyprus)

Post-Recovery Satisfaction and Repurchase Intention in O2O Services
Hong-Hee Lee (St. Mary's University), Madalyn Trevino (St. Mary's University), Melissa De La Garza (St. Mary's University), Sung Tae Kim (St. Mary's University)

218
Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Desert Suite 8   JW Marriott Desert Ridge Resort

STRATEGIC MANAGEMENT AND ENTREPRENEURSHIP: Operational Strategies for Innovative Products and Services

This session provides an opportunity to learn and discuss how operational strategies can be strategically deployed for various innovative products and services to generate additional value for firms.

Chair: Jaeseok Lee (Coastal Carolina University)

Managing Platform Risks by Design: Matching Demand with Regret-Averse Drivers

Brad Kyungmin Lee (Salisbury University), Nitin Joglekar (Boston University), Geoffrey Parker (Dartmouth College)

Strategic Implications of Logistics Competence: Assessing the Impact of Logistics Intensity on Firm Performance

Soomin Park (Howard University), Donghyup Woo (University of Pittsburgh Greensburg)

The Role of Professional Service Firms (PSFs): from Startups to Other Clients

Jaeseok Lee (Coastal Carolina University), Woosung Jeong (Seoul Women's University)

219
Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Grand Sonoran H   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: Innovations in Retail and Consumer Goods Supply Chains

New technologies, continuous digitalization, and consequent novel purchase and return channels are transforming the retail industry. This session explores the potential for innovation within the retail and consumer goods sectors. Particular attention is given to the development and implementation of innovative distribution channels with a supply chain management perspective.

Chair: Kerim U Kizil (Texas A&M University)

Enhancing Competitiveness of the Nanostore Retail Channel by Providing Value-Added Digital Service

Rafael Escamilla Gonzalez Aragon (Arizona State University)

Online Supplier Selection for Drop-Shipping

Thomas Bryant Cassidey (California State University, East Bay), Sharif Melouk (The University of Alabama), Nick Freeman (The University of Alabama)

Consumers as Suppliers: Catalysts of Trade-In Policies in Closed-Loop Supply Chains

Chang Gao (Michigan State University), Simone T. Peinkofer (Michigan State University), Stanley E. Griffis (Michigan State University)

Consumer Perception and Attitude Towards Sustainable Wines: The Role of Green Supply Chain Management

Maria Alice Moreira Trindade (Texas A&M University, Information and Operations Management Department)

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Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Grand Sonoran I   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: Supply Chain Location Management

Location related insights for managing supply chain relationships.

Chair: Faizul Haque (Indian Institute of Management Calcutta)

Greening the Competition: Optimal Strategies for National and Store Brands

Faizul Haque (Indian Institute of Management Calcutta), Ranit Saha (Indian Institute of Management, Calcutta), Sumanta Basu (Indian Institute of Management Calcutta)

Modified Distance Based MCDM Model With Data Driven Integrated Objective Criteria Weights.
Srimantoorao S Appadoo (University of Manitoba), Yuvraj Gajpal (University of Manitoba), Mani Venkatesh (University of Manitoba), Narendra Malalgoda (University of Manitoba)

The Impact of Supply Chain Distance on Enterprise Innovation: Mediating Effects of Risk-Taking and Information Asymmetry
Mihalis Giannakis (Audencia Business School), Yao Liu (Sichuan university)

Optimizing Lead Time Prediction in Healthcare Supply Chain Management using Machine Learning
Thuan Nhan (Middle Tennessee State University), Khem Poudel (Middle Tennessee State University), Senali Amarasuriya (Middle Tennessee State University)

221
Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Grand Sonoran F   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: Technology Management in Supply Chains
Topics relating to technology management in supply chain envrionments.
Chair: Himali Patil (Texas Tech University)

ChatGPT in Supply Chains: Exploring Potential Applications, Benefits and Challenges
Abubaker Haddud (The University of Southern Mississippi)

The Future Is Now Here, And You're Not In It
Pedro Reyes (Baylor University), John Visich (Bryant University), Patrick Jaska (University of Mary Hardin-Baylor), MIchael Gravier (Bryant University), Chris Meyer (Baylor University)

Explicating the Role of Additive Manufacturing in Spare Parts Supply Chains
Himali Patil (Texas Tech University), Kiran Patil (Texas Tech University), Satinder Singh (Infosys)

Integrating Drones for Efficient Last-Mile Medical Supplies Distribution
Vikas Kumar Reddy Sangana (University of North Texas)

222
Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Grand Canyon 5   JW Marriott Desert Ridge Resort

SUPPLY CHAIN RISK AND RESILIENCY: Managing Internal Capabilities and Working Capital for Supply Chain Resilience
Balancing efficient operations and resilient supply chains remains a major challenge for decision-makers. Research in this session investigates the effect of lean and agile supply chain practices on supply chain resilience and discusses how to ensure efficiency and resilience simultaneously. In particular, two presentations analyze the role of financial resources and working capital to mitigate supply chain fragility and disruptions and to build supply chain resilience.
Chair: Sanjay Kumar (Central Michigan University)

Impact of Supply Chain Practices on Supply Chain Resilience
Prashanth Anekal (Saginaw Valley State University), Surender Reddy (Saginaw Valley State University)

Examining the Relationship between Supply Chain Fragility and Firm-Level Financial Outcomes

Lindsay Baran (Kent State University), Matthew Drake (Duquesne University)

Configuration for improving supply chain resilience and efficiency: a network structure perspective
Runliang Dou (Tianjin University), Yanchao Hou (Tianjin University), Yuhong Li (Old Dominion University), Yueming Pan (TianJin University)

Financial Assets and Inventory: Mitigating the Effects of Disruptions
Sanjay Kumar (Central Michigan University), Jiangxia Liu (Valparaiso University)

223
Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Grand Sonoran C   JW Marriott Desert Ridge Resort

SUPPLY CHAIN RISK AND RESILIENCY: Resilience in the Face of Disruption: Policy, Technology, and Strategic Dynamics in Supply Chains"
This session delves into the multifaceted strategies supply chains employ to address challenges arising from disruptions. It explores the influence of government policies on managing supply chain risks, the role of advanced planning technologies in enhancing operational resilience, and the impact of interdependencies within supply networks. Additionally, the discussion will cover how strategic mandates, such as sustainability and cybersecurity initiatives, redefine supplier relationships and shape organizational responses. By examining these dimensions, the session offers a broad understanding of how firms navigate and mitigate some of today's most complex supply chain issues.
Chair: Travis Tokar (Texas Christian University)

Supply Chain Risk Management at the National Level : Legislative SCRM Strategies
Sparsh Sinha (University of Arkansas), Matthew Waller (University of Arkansas), Jessica Darby (Auburn University)

Do Inventory and Advanced Planning Technology Enable Supply Chain Resilience? A Difference-in-Differences Analyses of Firm Performance through the Covid-19 Pandemic
Morgan Swink (Texas Christian University), JJ Kovach (University of North Texas), Joe Roh (Texas Christian University)

Interdependencies Within and Across Supply Chain Networks and the Effect on Firm Resilience
Robert Wiedmer (Arizona State University), Carlos Mena (Portland State Univeristy), Mikaella Polyviou (Arizona State University), Zac Rogers (Colorado State University), Sangho Chae (University of Warwick)

Supplier Initiated Separation: The Unintended Consequences of Supply Chain Shaping Initiatives
Steven Melnyk (Michigan State University), Carlos Mena (Portland State Univeristy), William Ritchie (James Madison University), Zac Rogers (Colorado State University), Tobias Schoenherr (Michigan State University), Cheri Speier-Pero (Michigan State University), Travis Tokar (Texas Christian University)

224
Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Grand Sonoran J   JW Marriott Desert Ridge Resort

SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Socio-environmental Justice and Compliance
Talks in this session examine firms performance in the context of maintaining reasonable working conditions within their facilities and supply chains and how this performance may depend on various demographic and geopolitical factors
Chair: Abhinav Shubham (Georgia Institute of Technology)

An Empirical Investigation of Establishment-Level Operations and Occupational Hazards in Minority

Communities
Abhinav Shubham (Georgia Institute of Technology), Ravi Subramanian (Georgia Institute of Technology)

An Empirical Study on the Antecedents of Sustainable Supply Chain Collaboration
Cigdem Ataseven (Cleveland State University), Alina Marculetiu (Yougstown State University)

A Study of the Chief Sustainability Officers' Unique Contribution to Firm Performance
Taiwo Abraham (University of Texas Rio Grande Valley), Mahshad Ghazali (University of Texas Rio Grande Valley)

Evaluating and Predicting University Sustainability Performance: A Fuzzy Grey Incidence and ANN Predictive Modeling Approach
Leo Hong (Millersville University of Pennsylvania), Gawon Yun (Missouri State University), Douglas N Hales (University of Rhode Island)

225
Sunday, Nov 24th, 2024, 2:50-4:20 p.m. | Desert Suite 2   JW Marriott Desert Ridge Resort

WORKSHOP: Adding Value to Operations Management and Supply Chain Management Programs

This workshop will focus on ways to add value to Operations Management and Supply Chain Management Programs. This includes the value content of the courses offered in the curriculum and student-focused activities outside the classroom. The objective of adding value to a student's degree is to give the students a wide array of supply chain knowledge, skills and abilities so that students are more competitive in the job market and jump-start their. Value-added activities should include an array of skills including problem solving, interpersonal, functional and general management skills.
Workshop Coordinator: John Visich (Bryant University)
Presenter: Xiangrong Liu (Bridgewater State University)

Sunday, Nov 24th, 2024, 4:00-5:00 p.m.

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Sunday, Nov 24th, 2024, 4:00-5:00 p.m. | Grand Sonoran G   JW Marriott Desert Ridge Resort

RECEPTION: DSI Journals Reception

Join the DSI journal editors as they celebrate DSJ and DSJIE award recipients.
Workshop Coordinators: Sri Talluri (Michigan State University), Xenophon Koufteros (Texas A & M University), Ashish Gupta (Auburn University), Pedro Reyes (Baylor University)

Sunday, Nov 24th, 2024, 4:30-6:00 p.m.

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Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Grand Canyon 10   JW Marriott Desert Ridge Resort

AWARDS: DSI Chapter Best Paper Award Second Session

Recognizes research contributions made at the chapter level through a competition among regional and international annual conference Best Paper winners. All Chapters are invited to submit one entry to compete for the award. Winning paper receives a $500 award. Other Chapter entries receive a $250 award.

Judges: Jason Deane (Virginia Tech), John Visich (Bryant University), Asil Oztekin (University of Massachusetts Lowell)

A Geometric Median Decomposition Method to Minimize Aggregate Fit Loss

Ariya Xuxu Amoozegar-Montero (Victoria University of Wellington), Aida Amoozegar-Montero (You Know. Clothing), Mahyar Amouzegar (New Mexico Tech), Khosrow Moshirvaziri (California State University, Long Beach), Edgar Rodríguez Ramírez (Victoria University of Wellington)

Strategic Pricing and Marketing in SaaS Startups: Enhancing Investment Prospects

Xiangling Hu (Grand Valley State University), Ping Su (Hofstra University, NY USA)

The Role of Strict Inventory Cycle Time Requirements in COVID-19 Vaccine Distribution: A Case Study from New York State

Natalie Simpson (University at Buffalo)

Impact of Media Platforms' Sentiment on IPO Underpricing: Focusing on Social Network Service, Message Boards, and News

changhee han (Georgia State University), Yukyung Cha (University of Texas at Dallas, TX USA)
Coordinator: **Pedro Reyes**, *Baylor University*

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Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Grand Canyon 3   JW Marriott Desert Ridge Resort

BEHAVIORAL OPERATIONS MANAGEMENT: Special Issues in Behavioral Operations Management

Special issues in Behavioral Operations Management
Chair: Fanny Chen (Rotterdam School of Management, Erasmus University)

The influence of Total Cost of Ownership and Total Value Contribution on the selection of sustainable suppliers: an experimental study

Fanny Chen (Rotterdam School of Management, Erasmus University), John Gray (Ohio State University)

Ethical Dynamics in Sourcing Contracts: A Longitudinal Study

Xingzhi Jia (Renmin University of China), Xenophon Koufteros (Texas A & M University), Elliot Bendoly (The Ohio State University), Nash Ryan (The Ohio State University)

229
Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Grand Canyon 2   JW Marriott Desert Ridge Resort

BUSINESS ANALYTICS: Applications of AI and more

This session includes several state-of-the-art applications of AI and new approaches in analytics.
Chair: Andres Fortino, PhD (New York University)

Generative AI: The Catalyst for Widespread Adoption of Knowledge Robots and Democratizing Computing

Andres Fortino, PhD (New York University)

InfoSecPilot: Navigating the Complex Landscape of Information Security with an AI-Powered Knowledge Management Chatbot
Yaochen yy4421@nyu.edu Yu (New York University), Andres Fortino, PhD (New York University), Arnold Felberbaum (New York University)

Stability of Psychological Dimensions via Entropy
Robert Pavur (University of North Texas), Kellie Keeling (University of Denver)

230 Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Grand Canyon 4   JW Marriott Desert Ridge Resort

BUSINESS ANALYTICS: Predictive Analytics Models
This session focuses on several predictive analytics models.
Chair: Shaya Sheikh (New York Institute of Technology)

A Seasonal Autoregressive Integrated Moving Average (SARIMA) Algorithm for Environmental Goals
Russell Sadeghi (Industrial Engineering, University of Houston, Houston, TX, USA), Ava Hajian (School of Business, Elon University), Motahareh Ghasempour (Industrial Engineering Department, Faculty of Engineering, Tarbiat Modares University, Tehran 14115-143, Iran)

Understanding And Predicting Electricity Demand Through Statistical Analysis
Akshaj Kabthiyal (Clark University), Julia Costa Severo (Clark University)

Utilizing Randomly Collected Survey Data for Heart Disease Prediction
Vladislav Volkov (University of Central Oklahoma), Dalton Kramer (University of Central Oklahoma), James Livingstone (University of Central Oklahoma), Kamyar Azari (University of Central Oklahoma)

Beyond Traditional Ensembles: A Hierarchical Framework for Superior Predictions
Shaya Sheikh (New York Institute of Technology), Meysam Rabiee (University of Colorado Denver), Matt Baucum (Colorado State University)

231 Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Grand Sonoran E - 2   JW Marriott Desert Ridge Resort

COMMITTEE MEETING: Conferences Committee
A meeting of the members of the DSI Conferences Committee.
Members: Carmela Di Mauro (University of Catania), Sriram Narayanan (Michigan State University), Rick Hardcopf (Utah State University), Sarah Sengupta (St. Cloud State University), Binshan Lin (Louisiana State University Shreveport), David Ding (Rutgers)
Chair: **Q Chung**, *Villanova University*

232 Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Grand Sonoran D   JW Marriott Desert Ridge Resort

DATA, ANALYTICS AND STATISTICS INSTRUCTION: Insights into Leveraging AI for Enhanced

Instruction and Student Engagement

A goal of this session is to provide comprehensive and reasonably up to date coverage of a diverse set of AI tools, along with use strategies for these tools, including their powerful functionalities in addition to learning about associated risks. Included will be the results of a study examining the consistency and repeatability of responses generated by three AI platforms and evaluating the effect of question prompt complexity and the type of question on generated responses.

Chair: Robert Andrews (Virginia Commonwealth University)

Presenters: Nicole Beyersdorf (Coastal Carolina University), Reza Kheirandish (Clayton State University), Cheryl Hild (Lincoln Memorial University)

233
Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Grand Canyon 1   JW Marriott Desert Ridge Resort

DIVERSITY, EQUITY AND INCLUSION: Equity in Action: Advancing Policy, Resilience, and Environmental Impact

This session explores research at the intersection of equity in policy, community resilience, and environmental impact. Three presentations will showcase how equity-focused approaches can drive effective policy, strengthen community resilience, and foster sustainable environmental practices, offering valuable insights for policymakers, practitioners, and researchers.

Chair: Gulten Busra Karkili (University of Massachusetts Amherst)

Leveraging Machine Learning and Optimization for Effective Flood Mitigation in Communities

Himadri Sen Gupta (School of Industrial and Systems Engineering, University of Oklahoma, Norman, OK 73019), Omar M. Nofal (Florida International University), Andres D. Gonzalez (University of Oklahoma), Charles D. NIcholson (University of Oklahoma), John W. van de Lindt (Colorado State University)

Can Workplace Diversity, Equity, Inclusion, and Belonging (DEIB) enhance manufacturing environmental performance? Evidence from Employment Non-Discrimination Acts

Max Ji (The Pennsylvania State University), Suvrat Dhanorkar (Penn State University), Kevin W. Linderman (The Pennsylvania State University), Suresh Muthulingam (The Pennsylvania State University)

Designing Effective Government Assistance: Integrating Cash Transfers and In-Kind Aid for Vulnerable Communities

Gulten Busra Karkili (University of Massachusetts Amherst), Senay Solak (University of Massachusetts Amherst), Michael Johnson (University of Massachusetts Boston)

Profit Prediction in Tourism: Unveiling High and Low Earning Firms Through a Cutting-Edge Deep Learning Model

Rami Zeitun (Qatar University), Sumaira Ashraf (University of Lisbon), Ankit Gupta (University of Madeira), Rami Zeitun (Qatar University)

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Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Pinnacle Peak 1   JW Marriott Desert Ridge Resort

HEALTHCARE MANAGEMENT: Predictive Models in Healthcare Operations

This session explores advanced machine learning applications to enhance personalized healthcare and address disparities. We present a study that utilizes machine learning to predict survival rates in tongue cancer, identifying key factors for improved clinical decision-making. Another study predicts treatment times for women with metastatic triple-negative breast cancer, highlighting critical inequities in healthcare access. Additionally, we investigate how improvements in AM-PAC mobility scores during rehabilitation can predict discharge outcomes, using electronic health records to refine discharge planning and clinical decisions. These studies collectively demonstrate the potential of data-driven approaches to improve patient outcomes and address healthcare disparities.

Chair: Yong-Taek Min (Florida Gulf Coast University)

A machine learning approach for tongue cancer survivability prediction
Rifat Afrin (University of North Texas), Mumtahina Obaid (University of North Texas), Ahasan Harun (University of Texas Rio Grande Valley), gayle prybutok (university of north texas), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS))

Predictive Modeling for Metastatic Triple Negative Breast Cancer Treatment
ILYAS USTUN (DePaul University)

Predicting Discharge Outcomes Using AM-PAC Mobility Score Improvements
Yong-Taek Min (Florida Gulf Coast University), Elias Kirche (Florida Gulf Coast University), Rajesh Srivastava (Florida Gulf Coast University), David P Brown (Lee Health), Kathleen Swanick (Florida Gulf Coast University)

The GPO Effect: An Analysis of How Group Purchasing Organizations Are Redefining Operational and Inventory Costs of Hospitals
Afjal Hossain Jisan (Pennsylvania State University), Matthew Castel (Boise State University), Mariana Nicolae (Eastern Michigan University)

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Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Pinnacle Peak 2   JW Marriott Desert Ridge Resort

HEALTHCARE MANAGEMENT: Using Data Analytics to Improve Healthcare Delivery

This session explores diverse aspects of hospital operations management to enhance performance and efficiency. It includes an examination of diversity management programs (DMPs) in hospitals and their impact on healthcare outcomes and operations. Additionally, it investigates how physicians' procedural focus and manufacturer variation affect surgical supply waste and costs in operating rooms. The session also delves into customer preferences for virtual versus in-person healthcare services, analyzing how appointment attributes influence these choices. These studies collectively provide insights into optimizing hospital performance, reducing costs, and meeting evolving patient expectations in a digital age.
Chair: Claudia Rosales (University of Arkansas)

Hospital Diversity Management Programs: Exploratory Analysis of Antecedents and Consequences
Aaron Bonnett (Sam Houston State University), Gregory Heim (Texas A&M University), Pelin Kesrit (Texas A&M University), Seung Jun Lee (Chung-Ang University)

The Effects of Physician Focus and Manufacturer Variation on Surgical Supply Waste
Rajib Dutta (University of Arkansas), David Dobrzykowski (University of Arkansas), Brian Fugate (University of Arkansas - Fayetteville, AR), Claudia Rosales (University of Arkansas)

Understanding Customer Preferences for Virtual versus In-Person Services
OMER BERK OLMEZ (BARUCH COLLEGE, GRADUATE CENTER, CUNY), Alex Mills (Baruch College, CUNY)

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Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Grand Canyon 12   JW Marriott Desert Ridge Resort

HUMANITARIAN OPERATIONS AND DISASTER MANAGEMENT: Improving Operational Efficiency in Humanitarian Settings

This session will feature presentations related to improving productivity and operational efficiency in humanitarian settings.
Chair: Laura Heuser (ETH Zurich)

Facilities Location and Routing Decisions in a Multi-Modal, Multi-Echelon Relief Supply Chain
Vettri Velavan Janarthanasamy (IIT Madras, India), Chandrashekharan Rajendran (IIT Madras, India),

Arshinder Kaur (IIT Madras, India)

Influence of Inventory Policies on Epidemics in Networked Metapopulations
Laura Heuser (ETH Zurich), Stephan M. Wagner (ETH Zurich)

The impact of integration on operational performance: Mutual Aid, Organizational Structure, and Emergency Response Time
Ying Fan (University of Colorado Colorado Springs), Rebecca Duray (University of Colorado Colorado Springs), Monique French (University of Colorado Colorado Springs)

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Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Grand Sonoran A   JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: IT and Cultures
This session will cover how IT can influence and be influenced by the cultural dynamics of an organization/society, affecting communication, collaboration, and overall efficiency. Attendees will gain insights into best practices for integrating IT in a way that aligns with and enhances organizational/societal culture, real-world examples, and the strategic implications of fostering a technology-friendly culture.
Chair: Tianling Xie (University of Toledo)

India's Digital Divide: Geographic Patterns and Socioeconomic Influences
Avijit Sarkar (University of Redlands), James B Pick (University of Redlands), Priyanka Somai (University of Redlands)

Technology as an Invisible Chain: Case from Egypt
Hatem Bata (Embry Riddle University)

Understanding Mobile Banking Adoption in Indonesia: A UTAUT2 perspective with Integration of Perceived Risk and Perceived Security.
Florence Keyne Winata (National Dong Hwa University), Yuh-Jia Chen (National Dong Hwa University)

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Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Desert Suite 4   JW Marriott Desert Ridge Resort

INNOVATION AND NEW PRODUCT DEVELOPMENT: Green Innovation, Machine Learning, and IT Investments
This session is on Green Innovation, Machine Learning, and IT Investments.
Chair: Jafar Namdar (Department of Supply Chain Management, Eli Broad College of Business, Michigan State University)

Does Machine Learning Reduce Entry-Level Jobs?
Yuanyang Liu (Department of Business Analytics and Statistics, Haslam College of Business, University of Tennessee, Knoxville)

Impact of Supplier and Focal Firm IT Investment on Managerial Ability
Jaehoon Kim (University of Texas at Arlington), Saurabh Ambulkar (University of Texas at Arlington), Mahmut Yasar (University of Texas at Arlington), Edmund Prater (University of Texas at Arlington)

The Green Ripple Effect: Unraveling Green Innovation Diffusions in Supply Chain Networks
Nima Safaei (The University of Illinois Urbana Champaign), Gautam Pant (The University of Illinois Urbana

Champaign), Shagun Pant (The University of Illinois Urbana Champaign)

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Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Grand Canyon 11   JW Marriott Desert Ridge Resort

INNOVATIVE EDUCATION: Teaching Operations Management
This session presents submissions related to teaching operations management in business schools.
Chair: Hossein Najmi (University of Central Oklahoma - Edmond, OK)

Pictures, Processes, Principles: Enabling student engagement in a core Operations Management course
Keith Willoughby (University of Saskatchewan)

Emphasis on Sports in teaching Service Management
Sanjeev Bordoloi (University of St. Thomas)

Disparities in STEM Degree Attainment and Master's Student Satisfaction: Insights and Strategies for Enhancing Educational Equity
Md Golam Rabbani (University of North Texas), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS))

Comparing the Impact of Simulation Games in an Operations Management versus an Entrepreneurship Course
Hossein Najmi (University of Central Oklahoma - Edmond, OK), Mehdi Shadaei (Goucher College), Alireza Aghaey (University of Central Oklahoma - Edmond, OK)

240

Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Desert Suite 3   JW Marriott Desert Ridge Resort

MANUFACTURING MANAGEMENT: Manufacturng Operations
These papers develop insights and methods to improve manufacturing operations.
Chair: Canchu Lin (University of South Carolina Aiken)

Optimizing Basestocks in Production-Inventory Systems with Stochastic Supply-Chain Disruptions
Antonio Arreola-Risa (Texas A&M University), Hau L. Lee (Stanford University), Bo Li (Ningbo Supply Chain Innovation Institute China)

Translating equipment and labor flexibility into operational agility
Rajeev Sawhney (Western Illinois University), Narendar Sumukadas (University of Hartford)

Flowshop Group Scheduling Problems with Sequence Dependent Setup Times
Jatinder N.D. Gupta (University of Alabama in Huntsville)

Identifying and Analyzing Manufacturing Objectives in Online Product Reviews
Canchu Lin (University of South Carolina Aiken)

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Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Grand Canyon 9   JW Marriott Desert Ridge Resort

MARKETING AND CONSUMER BEHAVIOR: Technological Innovation

This session examines applications of new technologies, including Internet of Things, connectedness with consumption, on-the-go coupons, and cellular telephony.

Chair: Ajaya K Swain (St. Mary's University)

An Ambivalence Model of Smart Home Device Purchase Behavior

Yaojie Li (University of New Orleans), Xuan Wang (University of Texas Rio Grande Valley), Dong-Jun Min (University of New Orleans), Linqiang Ge (Columbus State University)

Connectedness with Consumption: conceptual development to leverage technological innovations to integrate the consumer to the supply chain

Sebastian Garcia Dastugue (Florida International University)

On-the-Go Coupons: Maximizing Marketing Impact with In-Vehicle Distribution

Ajaya K Swain (St. Mary's University)

242
Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Desert Suite 7   JW Marriott Desert Ridge Resort

OPERATIONS FINANCE INTERFACE AND ACCOUNTING: Sustainability and Climate Change

TBA

Chair: Wenxin Zhang (Syracuse University)

Beyond Oil: The Growing Influence of Climate Policy Uncertainty on Global Food Price Volatility - A Time-Varying Analysis

Mohamed Eissa (Associate Professor)

Do Sustainable Practices and Board Diversity Reduce Stock Crash Risk in China?

Mohamed Marie (Mr.), Adel Hassan Elgharbawy (Dr.)

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Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Grand Canyon 13   JW Marriott Desert Ridge Resort

PROCUREMENT AND SOURCING: Shady Situations in Supply Chains - Research on Nefarious or Hidden Supply Chains

Come learn about the shady side of supply chains: hidden supply chains, human trafficking, and under researched problems in supply chains. What can we learn from understanding a hidden supply chain? What happens when humans in supply chains act without humanity? What strategies are there to study something meant to be hidden? Please come to share and hear research, examples, theories, and ideas about the shady side of supply chains, nefarious behavior, opportunism, and the like. Presentations are designed to be focused on discussion, so expect this conversion on illicit literature to be lit!

Chair: Scott DuHadway (Portland State University)

Peeking Behind the Curtain: A Discussion Forum on Covert Supply Chains

Steven Carnovale (Florida Atlantic University College of Business), Barbara Gaudenzi (Universita di Verona), George Zsidisin (University of Missouri – St. Louis), Temidayo Akenroye (University of Missouri – St. Louis)

The global modern slavery crisis: Steps toward recovery and remediation across supply chains

Andrew Kach (Willamette University)

Science in the Dark: Theories, Data, and Strategies to Study Hidden Supply Chain Topics
Scott DuHadway (Portland State University)

244 Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Desert Suite 5   JW Marriott Desert Ridge Resort

QUALITY MANAGEMENT AND LEAN OPERATIONS: Turbulence in Quality: The Ongoing Struggles of Companies

This panel will discuss why companies still experience quality problems despite significant efforts by government and industry since the 1980s. We will focus on persistent quality issues at companies like Boeing, Tesla, and in healthcare, despite a plethora of studies published on quality management in academic journals and the popular press. If you are as passionate about quality as the speakers participating in this panel, we look forward to your attendance at our session. Your insights and perspectives are valuable to us, and we believe that your participation will contribute to a rich and engaging discussion.

Moderator: Hale Kaynak (The University of Texas Rio Grande Valley)

Panelists: Dilek Coskun Erdogan (The University of Texas Rio Grande Valley), Muratcan Erkul (Kutztown University), Tom Foster (Brigham Young University), Kevin W. Linderman (The Pennsylvania State University)

245 Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Pinnacle Peak 3   JW Marriott Desert Ridge Resort

SERVICE SYSTEMS AND OPERATIONS: Suppliers and Customers Services

This session features presentations on enhancing service quality and managing relationships. Topics include customer reward programs in two-sided markets, strategies to handle customer defections in healthcare, the impact of organizational learning on outsourcing service quality, and buyer-supplier dynamics in reverse supply networks.

Chair: Dale Stewart Rogers (Arizona State University)

Customer Reward Programs for Two-Sided Markets
Chengyi Lyu (University of Colorado Boulder), Dan Zhang (University of Colorado Boulder)

Managing Customer Defections in Healthcare - Findings from an Optometry Clinic
Kuntal Bhattacharyya (Old Dominion University)

Buyer-Supplier Relationships in Reverse Supply Networks
Zac Rogers (Colorado State University), Dale Stewart Rogers (Arizona State University), Haozhe Chen (Iowa State University), Marat Davletshin (Colorado State University), Haley Paluzzi (Colorado State University)

246 Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Desert Suite 2   JW Marriott Desert Ridge Resort

SHOWCASE: Doctoral Research Showcase - Finalists

Sponsored by Rutgers Business School, this session features the Doctoral Research Showcase finalists' presentations.

Chair: Bernardo Francisco Quiroga (West Virginia University)

Do Risk Aversion and Ambiguity Aversion Influence Sustainability Practices Differently? An Empirical Survey Investigation and Scale DevelopmentThrough Stakeholder Theory
RAHUL SAHU (Indian Institute of Technology, Bombay), T.T. Niranjan (Indian Institute of Technology, Bombay)

Going Moral with Going Green: An Investigation of Firm and Supply Base Sustainability Congruence on Firm Performance
Satabdi Hazarika (University of Arkansas - Fayetteville, AR), Ellie Falcone (Texas Christian University), Brian Fugate (University of Arkansas - Fayetteville, AR)

The Role of Spontaneous vs Flexible Breaks in Affecting the Productivity of Call Center Agents with Disabilities: A Mediation Analysis
Yingru Han (University of South Carolina), Luv Sharma (University of South Carolina), Sriram Narayanan (Michigan State University)

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Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Desert Suite 8   JW Marriott Desert Ridge Resort

STRATEGIC MANAGEMENT AND ENTREPRENEURSHIP: Strategic Responses to Contemporary Business Challenges
This session examines the impacts of employee training, opportunity cost, operational flexibility, and strategic adaptation on business resilience and performance.
Chair: Zerui Chen (New Mexico State University)

Employee Training and Modern Absenteeism
Zerui Chen (New Mexico State University)

How Big the Opportunity Cost Is: Why BPO Dependency matters
Gwihyeon Boo (Jeju National University), Boo Yun Cho (Jeju National University)

Operational Flexibility as a Strategic Countermeasure Against New Entrants
Ata Karbasi (Valparaiso University)

Strategic Adaptation, and Crisis Overcoming From the Perspective of Effectuation and Bricolage - Case of Brazilian Entrepreneurs (in USA and Brazil)
Daniela Cíntia de C. L. Menezes (Nove de Julho University - UNINOVE), Fernando Antônio Ribeiro Serra (Nove de Julho University - UNINOVE), Maling Ebrahimpour (University of Rhode Island)

248
Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Grand Sonoran I   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: Advanced Strategies and Impactful Approaches in Supply Chain Management and Procurement Analytics
Join us for a compelling exploration of the latest theories, strategies and analytical techniques shaping the landscape of supply chain management, procurement analytics, and pricing strategies. This session brings together leading academic researchers who will discuss various aspects of these critical business operations.
Chair: Irita Mishra (University of Wisconsin- River Falls)

Beyond a Journey: A Theory of the Supply Chain Sustainability and Circularity Odyssey
Samuel D Allen (Pardee RAND Graduate School, RAND Corporation), Joseph Sarkis (Worcester Polytechnic Institute)

Procurement Analytics Impacts on Cost Savings and Quality Improvement in the Construction Industry
Barin Nath Nag (Towson University), Biruktawit Aklok (Towson University)

The Role of Postponement and Mass Customization in Outsourcing: An SEM Analysis
Ashish Thatte (Gonzaga University), Parag Dhumal (University of Wisconsin - Parkside), Vikas Agrawal (Jacksonville University)

Leveraging Pricing Strategies to Match Orders with Demand
Sima Fortsch (Northern Kentucky University), Chia-Hung Chuang (University of North Dakota), Jeong Hoon Choi (Youngstown State University)

249
Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Grand Sonoran B   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: Emerging Topics in Logistics Management
In an era where technology-driven platform is rapidly evolving, understanding the complexities of last-mile delivery is essential. This session will gather research examining the empirical aspects of crowdsourced delivery and last-mile logistics management. The session will cover various facets of this topic, including consumer behavior, worker behavior, and others.
Chair: Kevin Park (University of Dayton)

Blame attribution when crowdsourced delivery fails: consumer perceptions in tetradic arrangements in online grocery shopping
Annibal Camara Sodero (The Ohio State University), Vince Castillo (The Ohio State University), Angela Tumino (Politecnico di Milano), Arianna Seghezzi (Politecnico di Milano), Chiara Siragusa (Politecnico di Milano)

The clear route: The role of transparency in crowdsourced delivery platforms
Siddhartha Yamalakonda (Auburn University), Shashank Rao (Auburn University)

Tailoring Compensation: The Impact of Hourly Productivity and Output-Based Pay on Labor Hours in the Gig Economy
Kevin Park (University of Dayton), Suhyung Lee (Korean Airports Corporation), Kyunghee Song (KAIST College of Business)
Presenters: Annibal Camara Sodero (The Ohio State University), Siddhartha Yamalakonda (Auburn University), Kevin Park (University of Dayton)

250
Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Grand Sonoran H   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: Supply Chain Network Communication
Managing supply chain communications.
Chair: Muhammad Hasan Ashraf (California State University Long Beach)

Bring human resources into supply chain agility: from a knowledge-based view
Xun Li (Nicholls State University)

Explaining supply chain flows through extant theoretical knowledgebase
Muhammad Hasan Ashraf (California State University Long Beach), Mehmet Gokhan Yalcin (The University of Rhode Island), Derek Dubois (The University of Rhode Island), Fatma Pakdil (Eastern Connecticut State U), Ali Raoufi (University of Rhode Island)

Optimizing Buyer-Supplier Communication Structures for Enhanced New Product Development (NPD) Success

Jaeyoung Oh (Central washington university), Joonhwan In (Chung-Ang University)

Examining Network Centrality of Multi-tier Suppliers and Buyer Financial Performance
Kara Li Liu (Roger Williams University), Koray Özpolat (University of Rhode Island), Seung Kyoon Shin (University of Rhode Island)

251
Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Grand Sonoran C   JW Marriott Desert Ridge Resort

SUPPLY CHAIN RISK AND RESILIENCY: Responses to and Consequences of Disruptions
This group of presenters will look at disruptions from multiple angles. Exploring how to communicate, what are the consequences and firm performance from disruptions, and how a common reaction to disruption, domestic investment, affects county-level employment in logistics functions.
Chair: Andrew Zeiser (John Carroll University)

Consequences of Supply Chain Disruptions; How Firms Change Tactics to Meet Customer Needs
Anne Dohmen (Michigan State University)

Fast and (Not so?) Furious: Communicating Disruption Information to Supply Chain Partners
Andrew Zeiser (John Carroll University)

Local labor market effects from Million Dollar Plants (MDPs)
Ryan Schollmeier (Michigan State University), Jason Miller (Michigan State University), Alex Scott (University of Tennessee)

252
Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Grand Canyon 5   JW Marriott Desert Ridge Resort

SUPPLY CHAIN RISK AND RESILIENCY: Risk and Disruption Management in Complex Supply Chains
This session focuses on managing risk and disruptions in complex supply chains. One paper explores how the perceived need for diversification to mitigate risk can sometimes exacerbate complexity and vulnerability. Another paper discusses how disruptions propagate through global supply networks, influenced by various structural complexities. A third presentation addresses methods for identifying and ranking supply chain risks. The final presentation examines the effects of inbound and outbound transport disruptions on supply chain operations, emphasizing recovery strategies and resilience through detailed simulations. Attendees will gain insights into effective risk management practices in complex supply chains.
Chair: Robert Wiedmer (Arizona State University)

Identifying and Ranking Supply Chain Risks
Zach Zacharia (Lehigh University)

Disruption propagation in global supply networks
Matthias Winter (University of Applied Sciences Upper Austria), Robert Wiedmer (Arizona State University), Mikaella Polyviou (Arizona State University)

Inbound-Outbound Transport Disruptions: Impacts, Recovery and Resilience
Priyam Bajpai (IIT Madras, India), Renu Agarwal (UTS, Australia), Sanjoy Paul (UTS, Australia), Chandrashekharan Rajendran (IIT Madras, India)

Perception vs. Reality: How Complexity Shapes Buyer-Supplier Network Change in Response to Disruptions
John-Patrick Paraskevas (University of Tennessee), John Macdonald (Colorado State University), Laharish

Guntuka (Rochester Institute of Technology)

253
Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Grand Sonoran J   JW Marriott Desert Ridge Resort

SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Sustainability practices across supply chains

This section showcases studies examining sustainability practices, and implementations across supply chains from different theoretical lens and levels.

Chairs: Hung-Chung Su (University of Michigan-Dearborn), Wayne Fu (University of Michigan-Dearborn)

Perceived climate related operational risks and the corporate megaphone
Kang Hsu (Georgia Southern University)

More or less: Net-zero target and supplier inventory levels
Jie Lian (The University of Oklahoma), Yan Dong (University of South Carolina), Keith Skowronski (University of South Carolina)

The Role of Supply Chain in Retailer Take-Back Decision: An Empirical Study
Yuqi Peng (Salisbury University), Yan Dong (University of South Carolina), Sriram Venkataraman (University of South Carolina), Mark Ferguson (University of South Carolina)

Configurations of buyer-supplier relationships for sustainability: a topic modelling approach
Alice Madonna (University of Bergamo), Albachiara Boffelli (University of Bergamo), Matteo Giacomo Maria Kalchschmidt (University of Bergamo)

254
Sunday, Nov 24th, 2024, 4:30-6:00 p.m. | Grand Sonoran K   JW Marriott Desert Ridge Resort

SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Sustainable Procurement

Sustainable Procurement

Chair: Henry Aigbedo (Oakland University, Michigan)

Corporate Governance and Supplier Sustainability Performance
Asad Shafiq (California State University Fullerton), Muhammad Usman Ahmed (University of Michigan Flint), Mohammed Khurrum Bhutta (Ohio University)

Dynamics of Environmental Management in Multi-tier Supply Chains: Focusing on Aggregate Effects
Seongwon Park (Michigan State University), Sri Talluri (Michigan State University), Chandrasekhar Manchiraju (Michigan State University), Gyusuk Lee (IE Business School)

Enhancing Firm Performance through Green Procurement: The Influence of Institutional Pressure and Supply Chain Collaboration
JOHN MANSO FRIMPONG (Kwame Nkrumah University of Science and Technology, Kumasi), Dr. Jacob Kuutuome (Kwame Nkrumah University of Science and Technology), Simon Ackah-Kujo (Kwame Nkrumah University of Science and Technology, Kumasi)

Supplier's worker well-being practices: Influences from buyer firms' well-being practices
Joshua Schumm (Iowa State University), Peter Ralston (Iowa State University), Frank Montabon (Iowa State

University), William J Rose (Iowa State University)

Unleashing the role of top management support in sustainable supply chain management practices
Benjamin Agyei-Owusu (Kwame Nkrumah University of Science and Technology, Kumasi), David Asamoah (Kwame Nkrumah University of Science and Technology), Caleb Amankwaa Kumi (Kwame Nkrumah University of Science and Technology, Kumasi), Ishmael Nanaba Acquah (University of Education, Ghana)

Sunday, Nov 24th, 2024, 5:00-6:00 p.m.

255
Sunday, Nov 24th, 2024, 5:00-6:00 p.m. | Grand Sonoran G   JW Marriott Desert Ridge Resort

WORKSHOP: Magic for Professors
DSI Co-EIC Xen Koufteros will host this fun session, and share some of his "magic" tricks with interested conference participants. (Pre-registration will be required.)
Workshop Coordinator: Xenophon Koufteros (Texas A & M University)

Sunday, Nov 24th, 2024, 6:30-7:00 p.m.

256
Sunday, Nov 24th, 2024, 6:30-7:00 p.m. | Grand Saguaro North and SouthJW Marriott Desert Ridge Reso

RECEPTION: President's Reception
Please join DSI Board President Victor Prybutok for cocktails before the Dinner banquet.
Host: **Victor Prybutok**, *Department of Information Technology & Decision Sciences (ITDS)*
   Vivian Landrum, *Decision Sciences Institute*

Sunday, Nov 24th, 2024, 7:00-9:00 p.m.

257
Sunday, Nov 24th, 2024, 7:00-9:00 p.m. | Grand Saguaro North and SouthJW Marriott Desert Ridge Reso

DINNER BANQUET: DSI 55th Annual Dinner Banquet co-sponsored by Rutgers Business School and DSI
Join DSI Board President Victor Prybutok for a sit-down dinner featuring DSI Leadership Awards including DSI Fellow, the Dennis Grawoig Distinguished Service Award, and the DSI Lifetime Distinguished Educator Award.

Monday, Nov 25th, 2024, 7:00-8:00 a.m.

258
Monday, Nov 25th, 2024, 7:00-8:00 a.m. | Grand Sonoran G   JW Marriott Desert Ridge Resort

BUSINESS MEETING: DSI Annual Business Meeting

DSI Board President Victor Prybutok will preside over the Annual General Business Meeting and present the financial, membership and programmatic status of the Institute. Members are encouraged to attend and shall have the opportunity to exchange information and raise questions.

Members: Anthony Ross (University of Missouri), David Dobrzykowski (University of Arkansas), Matthew Douglas Lindsey (Stephen F Austin State University), Ravi Srinivasan (Loyola University Maryland), Pedro Reyes (Baylor University), Khaled Alshare (Qatar University), Sabine Baumann (Berlin School of Economics and Law), Q Chung (Villanova University), Jason Deane (Virginia Tech), Marco Sartor (University of Udine), Kellie Keeling (University of Denver), Asil Oztekin (University of Massachusetts Lowell), Karen Eboch (Bowling Green State University), Vivian Landrum (Decision Sciences Institute)

Chair: **Victor Prybutok**, *Department of Information Technology & Decision Sciences (ITDS)*

Monday, Nov 25th, 2024, 7:30-8:00 a.m.

259
Monday, Nov 25th, 2024, 7:30-8:00 a.m. | Grand Canyon 6 - 7 JW Marriott Desert Ridge Resort

MEAL: Monday Breakfast Co-sponsored by Cengage and University of Massachusetts Lowell

Breakfast. Visit Exhibitors as well!

Monday, Nov 25th, 2024, 8:00-9:30 a.m.

260
Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Grand Canyon 4   JW Marriott Desert Ridge Resort

AGRICULTURAL AND FOOD SUPPLY CHAINS: Food Waste in Retail Operations

This session discusses different approaches to reduce the food waste in retail operations.

Chair: Haoran Yu (Syracuse University)

Retailing Strategies of Imperfect Produce and the Battle Against Food Waste

Haoran Yu (Syracuse University), Burak Kazaz (Syracuse University), Fasheng Xu (University of Connecticut)

Retail Food Donations and Operational Efficiency

Timothy Richards (Arizona State University), John Lowrey (Northeastern University), Anne Byrne (united States Department of Agriculture)

The Environmental and Social Implications of Pay-What-You-Want Food Waste Supermarket
Henry Lin (University of California, Irvine), Luyi Gui (University of California, Irvine), Luyi Yang (University of California Berkeley)

Diverting Food from Landfills: Insights from a Markov Decision Process Model
Thomas Sloan (University of Massachusetts - Lowell)

261   Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Grand Canyon 2   JW Marriott Desert Ridge Resort

BUSINESS ANALYTICS: Analytics Enabled Decision-making for Sustainability

This session includes empirical studies on analytics' applications in decision-making. It showcases the advantages of analytics-enabled decision-making for sustainability in different areas.

Chairs: Xianghui (Richard) Peng (Penn State Erie, The Behrend College), Edwin Wang (The University of Massachusetts Boston)

Identifying Stakeholder Roles in Blockchain Applications for Safety in Circular Supply Chains
Zhuowen Chen (Worcester Polytechnic Institute), Joseph Sarkis (Worcester Polytechnic Institute), Abdullah Yildizbasi (Worcester Polytechnic Institute)

Using AI and Natural Language Processing in HRM
Xiaoguang Tian (Purdue University Fort Wayne)

Electric Vehicle Charging Station Optimization with Reinforcement Learning
Edwin Wang (The University of Massachusetts Boston), Adeela Gulzari (University of North Texas), Xianghui (Richard) Peng (Penn State Erie, The Behrend College), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS))

262   Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Grand Sonoran E - 2 JW Marriott Desert Ridge Resort

COMMITTEE MEETING: Chapter Presidents Meeting

A joint meeting of the Presidents of the DSI Chapters. Chapter Conference Chairs are also invited to attend as well as those invited by the Chapter Presidents.

Members: Osman Aydas (Oakland University), Amit Arora (University of the District of Columbia), Cheryl Aasheim (University of Florida), Kittipong Boonme (Texas Woman's University), Yuanjie He (California State Polytechnic University, Pomona), Mihalis Giannakis (Audencia Business School), Sabine Baumann (Berlin School of Economics and Law), Khaled Alshare (Qatar University)

Chair: **Pedro Reyes**, *Baylor University*

263   Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Grand Sonoran E - 1 JW Marriott Desert Ridge Resort

COMMITTEE MEETING: Professional Development Committee

A meeting of the members of the DSI Professional Development Committee.

Members: Ravi Srinivasan (Loyola University Maryland), Jung Young Lee (Northen Illinois University), Jonathan Phares (Iowa State University), Liana Victorino (University of Victoria), Toyin Clottey (Wayne State

University), Iana Shaheen (University of Arkansas), David Dreyfus (Rutgers University)
Chair: **Kellie Keeling**, *University of Denver*

264
Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Grand Sonoran D   JW Marriott Desert Ridge Resort

DATA, ANAYLYTICS AND STATISTICS INSTRUCTION: Understanding Industry Trends and Employer's Needs for Better Instruction

The new norm in the data and technology world is that what can be done today with Artificial Intelligence (AI) did not exist six months ago. This session will give a unique perspective on future trends from individuals with close contact with industries; with external consulting in data and AI strategy; as well as teaching data science or business analytics. The blending of industry needs and use of AI with academic instruction indicates a challenging and exciting future that goes beyond today's current capabilities. To effectively prepare graduates, our instruction needs to keep pace with industry needs.

Chair: Robert Andrews (Virginia Commonwealth University)
Presenters: Charlie Apigian (Belmont University), Goutam Chakraborty (Oklahoma State University), Bob McQuaid (Perpperdine University)

265
Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Grand Sonoran G   JW Marriott Desert Ridge Resort

DATA SCIENCE, MACHINE LEARNING & AI SIG - Business Meeting

Data Science, Machine Learning & AI - Business Meeting
Chair: Asil Oztekin (University of Massachusetts Lowell)

266
Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Desert Suite 4   JW Marriott Desert Ridge Resort

DECISION SCIENCES IN PRACTICE: Decision Analysis in Practice: Innovative Approaches and Applications

The conference session on "Decision Analysis in Practice" highlights cutting-edge research showcasing novel decision-making frameworks and models applied across various fields. The presentations covers community detection in social networks, integration of ridesharing with public transportation, the benefits of risk-seeking and non-probabilistic decision-making, and decision-making in a digital world rife with uncertainty.

Chair: Tri Mikael Tran (University of Groningen)

Community Detection in Social Networks considering neighbourhood similarity using Integer Linear Programming
Aditya Anant Joshi (Indian Institute of Technology, Madras, India.), Chandrashekharan Rajendran (IIT Madras, India)

Decision-Making Framework for Planning Ridesharing and Transit Integration in Small Transit Agencies
Leily Kamali Farrokhvar (California State University Northridge), Dimitra Pyrialakou (West Virginia University), Parisa Hajibabaee (Florida Polytechnic University)

Reckless and Clueless: Exploring the Benefits of Risk-seeking Preferences and Non-probabilistic Decision-making
Tri Mikael Tran (University of Groningen), Peng Xu (University of Essex, Southend Campus)

267
Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Grand Canyon 1   JW Marriott Desert Ridge Resort

DIVERSITY, EQUITY AND INCLUSION: Addressing Inclusion of the Traditionally Marginalized and Community Equity

This session is comprised of three important studies addressing inclusion and equity issues. Specifically, two provide creative solutions to improve the living and working conditions of those who are traditionally marginalized, e.g. those with disabilities and agricultural workers who are at the bottom of the pyramid. The third study provides evidence for the existence of community inequality and the impact of COVID-19 on such inequality.

Chair: Yingru Han (University of South Carolina)

Investigating Community Equity through Google Map Reviews
Lingyao Li (University of Michigan), Hongli Ye (Clemson University), Songhua Hu (MIT), Weiwei Zhan (University of Central Florida)

The Production Benefits of Personalized Agricultural Advice: A Case Study of mKrishi in the Buland Shahar District
Campbell Clarkson (University of South Carolina), Necati Tereyagoglu (University of South Carolina), Sriram Venkataraman (University of South Carolina)

Spontaneous vs. Flexible Breaks - Accommodation for Call Center Agents with Disabilities
Yingru Han (University of South Carolina), Luv Sharma (University of South Carolina), Sriram Narayanan (Michigan State University)

MeToo Movement in the post-pandemic workplace: What is the way forward for Organizations?
Ashwini Gangadharan (Kutztown University of Pennsylvania), Devdeep Maity (Delaware State University)

268
Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Pinnacle Peak 2   JW Marriott Desert Ridge Resort

HEALTHCARE MANAGEMENT: The Healthcare Supply Chain and Related Practices

This session explores various dimensions of improving healthcare systems through strategic interventions. We first investigate the role of Traditional Health Providers (THPs) in Ghana, emphasizing their impact on health outcomes and the need for formal training and integration with modern healthcare. Next, we discuss the importance of supply chain management in supporting clinical nurses to prevent nosocomial infections, highlighting the need for effective inventory and cost management. Lastly, we examine how strategic innovation in healthcare can enhance operational efficiency and patient care, offering insights into optimizing hospital performance and addressing rising costs and chronic diseases.

Chair: Lan Luo (University of Hartford)

Improving Ghana's healthcare supply chain: The impact of traditional health providers on health outcomes for low-income disadvantaged groups.
Matilda Owusu Bio (KNUST School of Business), Okyere Anim Barima (KNUST School of Business), Isaac Akurugu Apike (KNUST SCHOOL OF BUSINESS), John Serbe Marfo (KNUST School of Business)

Integrating Supply Chain Management with Clinical Nursing Practices to Enhance Nosocomial Infection Control
Precious Chinonso Standhope (Anwiam Clinic, Kumasi), Okyere Anim Barima (KNUST School of Business), Matilda Owusu Bio (KNUST School of Business)

Prescription for Innovation: Exploring the Relationship Between Strategic Innovation and Hospital Performance

Lan Luo (University of Hartford), C. Christopher Lee (Central Connecticut State University), Yinfei Chen (Central Connecticut State University)

269 Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Grand Sonoran A   JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Data and Generative AI

This session will focus on how generative AI leverages data to create new insights, and enhance decision-making capabilities. Attendees will learn about innovative data-driven applications of generative AI.

Chair: Mahathi Koutha (University of North Texas)

AI in the Review World: Assessing the Impact of AI-Generated Summary on Consumer Reviews
Yan Sun (Kyung Hee University), Sung-Byung Yang (Kyung Hee University)

Decoding Sentiments: Measuring Human Interpretations of AI-Generated Content in Digital Contexts
Tripti Singh (University of Alabama in Huntsville), Paras Bhatt (University of Alabama in Huntsville), Vasileios Pavlopoulos (University of Alabama in Huntsville)

The Perils of using Social Media Data for Generative AI
Mahathi Koutha (University of North Texas), Chang Koh (University of North Texas)

270 Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Grand Sonoran B   JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Enhancing Decision-Making with AI and Data Analytics

Studies in this session focus on creating analytics tools to enhance business decision-making processes, optimize team performance, and combat misinformation. These insights into human-AI collaboration offer valuable perspectives on improving decision-making, highlighting the future potential of integrating AI and data analytics in various fields.

Chair: Francis Bilson Darku (University of Notre Dame)

Predicting the quality of health research news —An integrated approach based on multi-task deep learning
Xiangyu Wang (The University of New South Wales)

Combating Textual Toxicity in MOBA Games
Sunan Qian (University of Notre Dame)

Price of Fairness in Decision-Making
Jatinder N.D. Gupta (University of Alabama in Huntsville)

271 Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Grand Sonoran C   JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Leveraging Advanced Analytics and AI for Enhanced Decision-Making in Complex Environments

This session explores the application of advanced analytical techniques and artificial intelligence to improve decision-making processes in the face of complexity and uncertainty. The papers in this session showcase innovative methodologies and practical

applications that leverage the power of data-driven insights and AI-enhanced tools to drive better outcomes and mitigate risks across various domains. Attendees will gain exposure to cutting-edge approaches that demonstrate the potential of these technologies to tackle complex decision-making challenges and support optimal decision-making in real-world scenarios.

Chair: Murtaza Nasir (Wichita State University)

SUD Demonstration Evaluation of Kentucky Medicaid Population
Xiaoni Zhang (The University of Alabama at Birmingham)

Synergizing Neuromorphic-Learning, Topographical Analytics, Fractal Geometry, and Sliding Windows: A Novel Approach for Early Risk Detection in High-Dimensional and Multidimensional Datasets
Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS)), Steve Williamson (University of North Texas)

272
Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Grand Canyon 9   JW Marriott Desert Ridge Resort

INNOVATION AND NEW PRODUCT DEVELOPMENT: Empirical Studies of Innovation in Operations Management
This session is on Empirical Studies of Innovation in Operations Management.
Chair: Fan Zou (The Pennsylvania State University)

Enhancing Telehealth Efficiency: Evaluating the Impact of Patient Navigation Programs on Re-Visit Rates and Care Quality
Jiajia Qu (James Madison University), Raj Sharman (State University of New York at Buffalo)

Supply Chain Data and Analysis: The Case of Supply Chain Innovation
Yan Dong (University of South Carolina), Fan Zou (The Pennsylvania State University), Sining Song (University of Maryland), Yuqi Peng (Salisbury University), Kefeng Xu (University of North Carolina at Greensboro)

273
Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Grand Canyon 11   JW Marriott Desert Ridge Resort

INNOVATIVE EDUCATION: Product, Process and Project Management
This session presents submissions related to pedagogical approaches to product and process design, and project management
Chair: Brad Meyer (Drake University)

An Interactive Excel Template to Demonstrate Project Crashing
Brad Meyer (Drake University), Daniel Bumblauskas (Drury University)

A Model for Teaching Process Evolution
Brad Meyer (Drake University)

Translating customer requirements into technical requirements: Context service learning
Sohel Ahmad (Saint Cloud State University)

274

Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Grand Canyon 12   JW Marriott Desert Ridge Resort

LOGISTICS AND TRANSPORTATION MANAGEMENT: Inventory and Warehousing Management

This session presents inventory and warehousing management models embedded in unique contexts in the pursuit of improving operational performance.

Chair: Vitaly Brazhkin (University of West Florida)

Estimating Inventory Control Parameters for the Continuous Review Policy when Orders Crossover

John Patrick Saldanha (West Virginia University, Chambers College of Business, Supply Chain Management), Brad Price (West Virginia University), Doug Thomas (University of Virginia, Darden School of Business)

Metamodel Initialization of a Search Algorithm for Repair Kit Applications

John Maleyeff (Boston University), Liying Zhang (Boston University), Ruthairut Wootisarn (Boston University), Xueying Wang (Boston University)

A Heuristic Hybrid Policy for Vertical Order Picking in a Warehouse

Vitaly Brazhkin (University of West Florida), William J Rose (Iowa State University), Jimmy Chen (Bucknell University)

275

Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Desert Suite 3   JW Marriott Desert Ridge Resort

MANUFACTURING MANAGEMENT: Managing Manufacturing Processes in Supply Chains

This session focuses on efficient and effective manufacturing strategies in supply chains

Chair: Charles X. Wang (University at Buffalo, School of Management)

Where to Invest in Resilience in a Facility Network?

Kedong Chen (Rensselaer Polytechnic Institute), Ankur Mani (University of Minnesota), Kevin W. Linderman (The Pennsylvania State University), Bing Wang (Fuzhou University)

When is multi-item procurement beneficial? Empirical evidence from a two-tier supply chain1

Rahul Nilakantan (Georgia Southern University), Deepak Iyengar (Georgia Southern University), Scott Ellis (Georgia Southern University)

Does Excess Operational Slack Drive Firm's Product Scope Expansion?

Zhuang Qian (Penn State University), Charles X. Wang (University at Buffalo, School of Management)

276

Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Grand Canyon 3   JW Marriott Desert Ridge Resort

MARKETING AND CONSUMER BEHAVIOR: Innovative Business Models

This session examines innovative business models to increase consumer demand, including lightning deals, live stream online shopping, online promotion, and subscription programs.

Chair: Pingping Tang (WASHINGTON STATE UNIVERSITY)

Are Lightning Deals Just a Flash in the Pan?
Pingping Tang (WASHINGTON STATE UNIVERSITY), Charles Lee Munson (Washington State University), Kevin Mayo (WASHINGTON STATE UNIVERSITY), Wenjie Wang (WASHINGTON STATE UNIVERSITY)

Examining the Comprehensive Effect of Online Promotion
Yiming Zhuang (Frostburg State University), Xun Xu (California State University, Dominguez Hills)

277
Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Desert Suite 6   JW Marriott Desert Ridge Resort

Preparing Students for Career Success with Python, Big Data, and Communication
　　Closed session; by invitation only Join McGraw Hill authors, Sanjiv Jaggia and Leida Chen, along with the Business Statistics and Business Analytics Product team, for an engaging workshop focused on the growing importance of active learning. As renowned educators and researchers, they will lead a discussion on equipping students with key industry-demanded skills that support technical agility, including proficiency in Python, big data analysis, and translating insights into actionable business outcomes.
Members: Sanjiv Jaggia (California Polytechnic State University, San Luis Obispo), Leida Chen (alifornia Polytechnic State University, San Luis Obispo)
Chair: **Kelsey Darin**, *McGraw-Hill*

278
Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Desert Suite 2   JW Marriott Desert Ridge Resort

PROJECT MANAGEMENT: Project Risks, Quality, and Performance
　　This group focuses on the critical aspects of project risks, quality integration, and performance outcomes. Presentations cover insights from simulation experiments on project schedules, the incorporation of Quality by Design (QbD) into project management frameworks, the impact of technical risks on projects, and the effects of team experiential diversity on project performance and voluntary turnover. These discussions highlight the importance of risk management, quality assurance, and team dynamics in achieving successful project outcomes, providing valuable strategies for mitigating risks and enhancing project performance.
Chair: Balaji Janamanchi (Texas A & M Int'l University)

Experimenting with Project Schedules: Insights from Simulation.
Balaji Janamanchi (Texas A & M Int'l University)

Integration of Quality by Design (QbD) into Project Management Frameworks
Regine Benoit (University of Maryland Global Campus), Mahesh Raisinghani (Texas Woman's University), Fen Wang (Central Washington University)

279
Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Grand Canyon 10   JW Marriott Desert Ridge Resort

ROLE OF AI AND TECHNOLOGY IN THE CLASSROOM: Learning Outcomes and Perspectives of AI in Business Education (II)
　　This session focuses on learning outcomes and perspectives on the role and use of AI in business school curriculum.
Chair: Brandi Everett (University of North Texas)

Leveraging Artificial Intelligence for Rubric Development in Writing Assignments
Gary Russell Smith (Penn State Erie)

Leveraging Generative AI to Enhance Learning Outcomes for Non-Native English Speakers
Stephanie L. Robinson (University of North Texas), Hussein A Dawood (University of North Texas)

Comparison of student and faculty perception about AI use
Brandi Everett (University of North Texas)

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Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Pinnacle Peak 3   JW Marriott Desert Ridge Resort

SERVICE SYSTEMS AND OPERATIONS: Optimization in Service Operations
This session explores different optimization problems across various sectors, including group seating, balancing IT functionality and usability, evaluating tipping versus profit-sharing in restaurants, and analyzing distributed generation impacts on energy distribution systems.
Chair: Carlos Cardonha (University of Connecticut)

Optimization Models and Algorithms for a Group Seating Problem
Saharnaz Mehrani (Florida Atlantic University), Carlos Cardonha (University of Connecticut), David Bergman (University of Connecticut)

Optimizing IT Adoption: Balancing Functionality and Usability in Technology Choices
Hisashi Kurata (Yokohama National University)

Optimizing Operations in the Restaurant Industry: Evaluating the Effects of Transitioning from Tipping to Profit-Sharing
Yi Liu (University of South Dakota), Punya Chatterjee (University of Memphis)

Systemic Analysis of the Impact of Distributed Generation on the Energy Distribution System
Taís Oliveira da Silva Alfonso (Univer), Ricardo Augusto Cassel (Universidade Federal do Rio Grande do Sul), Julio Cezar Mairesse Siluk (Universidade Federal de Santa Maria), Simone Ferigolo Venturini (Universidade Federal do Rio Grande do Sul), Bárbara Victória Silva Lopes (Universidade Federal do Rio Grande do Sul), Daniel Pacheco Lacerda (Universidade do Vale do Rio dos Sinos)

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Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Desert Suite 8   JW Marriott Desert Ridge Resort

STRATEGIC MANAGEMENT AND ENTREPRENEURSHIP: Of Stakeholders & Knowledge in Decision-Making
This session provides a forum to present and discuss studies relevant to the topic of strategic decision-making in various stakeholder and knowledge contexts.
Chair: Young Ro (University of Michigan, Dearborn)

Leaning Toward Stakeholder Prioritization or Integration: A Predictive Model of Managers' Decision-Making Approaches
Helet Botha (University of Michigan-Dearborn), Bidhan L. Parmar (University of Virginia), Don Lange (Arizona State University)

The role of component knowledge types in the make-buy sourcing decisions: Some hints from the Automotive Hybrid Market
Faisal Khurshid (Hong Kong Metropolitan University), Woo Yong PARK (University of Nevada (Las Vegas))

The decision maker's strategic dilemma - where do the organization's employees work?
Markku Juhani Kuula (Aaalto University School of Business), Juha Eskelinen (Aalto University School of Business)

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Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Grand Sonoran I   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: AI and Supply Chains
Topics relating to AI in supply chain environments
Chair: Omar Ibrahim Yousef Alyasein (University of North Texas)

AI-based Procurement to Drive Organizational Agility: The Role of Supplier Fit, AI-data Quality, and IT Alignment
Omar Ibrahim Yousef Alyasein (University of North Texas), Ferhat Caliskan (University of North Texas), Timothy Hawkins (University of North Texas)

Artificial Intelligence adoption in Supply Chains for Sustainable Tourism development in Qatar
M Nishat Faisal (Qatar University), Zareen Husain Farooq (Aligarh Muslim University)

Impacts of Using Artificial Intelligence in Supply Chains on Lean Operations
Abubaker Haddud (The University of Southern Mississippi), Anshuman Khare (Athabasca University)

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Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Grand Sonoran H   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: Disruptions Management and Supply Chains
Topcis relating to disruptions management in supply chain applications.
Chair: Bhupinder Singh Juneja (Supply Chain and Operations, Carlson School of Management, University of Minnesota, Twin Cities, MN)

Towards enabling the last-mile logistics of vaccine supply chains: learnings from COVID-19 vaccine administration
Bhupinder Singh Juneja (Supply Chain and Operations, Carlson School of Management, University of Minnesota, Twin Cities, MN), Ujjal Kumar Mukherjee (Gies College of Business, University of Illinois at Urbana-Champaign), Kingshuk Sinha (University of Minnesota)

Coping with Supply Chain Disruptions
Rebecca Clemons (Indiana University East)

Re-interpreting the Formal-Informal Sector Business Relationships in the African Markets: A Complex Adaptive Systems Perspective
PRISCILLA ADDO ASAMANY (KNUST SCHOOL OF BUSINESS), Kelvinne Mocke (University of Pretoria), Caleb Amankwaa Kumi (Kwame Nkrumah University of Science and Technology, Kumasi), Felix Mogesa Motari (Strathmore University Business School)

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Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Grand Canyon 5   JW Marriott Desert Ridge Resort

SUPPLY CHAIN RISK AND RESILIENCY: The Importance of Sustainability for Supply Chain Resilience

This session investigates the importance of environmental sustainability for ensuring overall supply chain resilience. One presentation discusses how firms can increase resilience in the face of climate risks. Another presentation presents a decision support system that incorporates climate risks and allows decision-makers to derive risk mitigation strategies. Finally, a third presentation investigates how recycling can address critical supply chain bottlenecks, presenting an effective approach to increase supply chain resilience.

Chair: Kaumudi Dande (Boston University)

Assessing the Resilience of Supply Chains to Climate Change: Building a Climate-Resilient Supply Chain and Enhancing Competitiveness

Laharish Guntuka (Rochester Institute of Technology), Tom Corsi (University of Maryland), Sandor Boyson (University of Maryland-College Park)

Supporting Climate Risk Mitigation Decision Making For University Facilities

John Maleyeff (Boston University), Kunsinee Srivichaiin (Boston University), Yu Gao (Boston University), Kaumudi Dande (Boston University), David Weidman (Boston University)

Determining the sitting and sizing of the RE magnet recycling plant in the USA

Sourish Sarkar (Penn State Behrend), Rajkamal Kesharwani (Mercyhurst University)

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Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Desert Suite 5   JW Marriott Desert Ridge Resort

SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBIITY: Theories and Models of the Sustainable Supply Chain

Theories and Models of the Sustainable Supply Chain

Chair: Samuel D Allen (Pardee RAND Graduate School, RAND Corporation)

Odyssey Theory: A Multi-Scale Theory of Supply Chain Sustainability and Circularity

Samuel D Allen (Pardee RAND Graduate School, RAND Corporation), Joseph Sarkis (Worcester Polytechnic Institute)

How supply chain drivers affect corporate social responsibility misalignment

SHIH-SIAN (Sherwin) JHANG (Department of Finance, National Sun Yat-sen University), Ying-Chih Sun (East Central University), Winston T. Lin (The State University of New York, University at Buffalo)

Sustainability Practices, Inclusivity and Company Reputation

Vafa Saboorideilami (Dominican University of California), Sandeep Jagani (Illinois State University)

Sustainable Supply Chain Management: An Integrated Organizational Model with Digital Transformation

Lu Xu (University of North Georgia), Ying Cao (Penn State Erie, The Behrend College), Xinyu Wei (California State University, Chico), Xianghui (Richard) Peng (Penn State Erie, The Behrend College), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS))

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Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Grand Sonoran J   JW Marriott Desert Ridge Resort

SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Emerging Topics in Socially Responsible Operations

The study of emerging topics in socially responsible operations seeks to identify and understand the latest trends, challenges, and opportunities in the field. It also explores the role of technology, innovation, and collaboration in advancing socially responsible operations and achieving sustainable business growth. The study of emerging topics in socially responsible operations is essential for scholars, practitioners, and policymakers to stay up to date with the latest developments in the field and make informed decisions that promote social and environmental sustainability.

Chair: Fahimeh chomachaei (University of Massachussets Boston)

The Impact of Financial Performance and Efficiency on Environmental Sustainability Performance: An Empirical Study in the U.S. Airline Industry

Fahimeh chomachaei (University of Massachussets Boston), sepideh Kaffash (Suffolk university), Emel Aktas (Cranfield university)

Enhancing Collaboration and Strategic Dynamics in Blockchain for Combatting Counterfeit Electronics

Sahar Ebrahimi Bajgani (WORCESTER POLYTECHNIC INSTITUTE), Davoud Hosseinnezhad (University of Limerick), Sara Saberi (WORCESTER POLYTECHNIC INSTITUTE), Fuminori Toyasaki (York University), Cathal Heavey (ational University of Ireland)

Strategic Decisions and Sustainability in Competitive Agricultural Supply Chains: A Triple Bottom Line Perspective

Deniz Besik (University of Richmond), Sara Saberi (WORCESTER POLYTECHNIC INSTITUTE), Pritha Dutta (Willamette University), Rodrigo Mercado Fernandez (Tecnológico de Monterrey)

Identifying Configurations for ESG Performance in the Transportation Industry

Lihua Sun (University of Electronic Science and Technology of China), Chunguang Bai (University of Electronic Science and Technology of China), Joseph Sarkis (Worcester Polytechnic Institute)

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Monday, Nov 25th, 2024, 8:00-9:30 a.m. | Grand Canyon 13   JW Marriott Desert Ridge Resort

WORKSHOP: Secondary Data for Sustainable Supply Chain and Operations Management Research

In recent years, Sustainable Supply Chain and Operations Management have increasingly relied on quantitative research approaches. This trend is largely due to the availability of numerous data sources. Notable examples include Bloomberg ESG (Environmental, Social, Governance), SPLC (Supply Chain), Refinitiv ESG, CDP (Carbon Disclosure Project), Reprisk, and Factset. The session aims to increase the knowledge about the content of these datasets, their use in Sustainable Supply Chain and Operations Management research, and potential directions for future studies. Moreover, methodological aspects on how to avoid pitfalls and shortcomings of such datasets will be discussed.

Workshop Coordinators: Albachiara Boffelli (University of Bergamo), Margherita Molinaro (Free University of Bozen-Bolzano)

Presenters: William Diebel (University of South Carolina), Alice Madonna (University of Bergamo), Matteo Podrecca (University of Bergamo)

Monday, Nov 25th, 2024, 9:00 a.m.-12:00 p.m.

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Monday, Nov 25th, 2024, 9:00 a.m.-12:00 p.m. | Grand Canyon 8JW Marriott Desert Ridge Resort

PLACEMENT SERVICES: Monday 9am to 12 noon
PLACEMENT SERVICES: Open Monday 9am to 12 noon

Monday, Nov 25th, 2024, 9:30-10:00 a.m.

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Monday, Nov 25th, 2024, 9:30-10:00 a.m. | Grand Canyon 6 - 7JW Marriott Desert Ridge Resort

COFFEE BREAK: Co-sponsored by Cengage and Indiana University
Coffee and tea break. Visit Exhibitors as well!

Monday, Nov 25th, 2024, 10:00-11:30 a.m.

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Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Grand Canyon 4   JW Marriott Desert Ridge Resort

AGRICULTURAL AND FOOD SUPPLY CHAINS: Wastage and Risks in Agri-Food Supply Chains
A session on food waste and other risks in agri supply chains.
Chair: Ekaterina Stoliarova (Arizona State University)

Demand for Imperfect Produce
Ekaterina Stoliarova (Arizona State University), Carola Grebitus (Arizona State University), Timothy Richards (Arizona State University)

Risk management and resilience in agro-extractive supply chains
Marcia Regina Santiago Scarpin (Concordia College - Moorhead), Cyntia Meireles Martins (UNAMA), Susana Carla Farias Pereira (FGV EAESP), Artur Vicente da Costa (UNAMA)

Reducing Food Waste by Increasing Imperfect Produce Sales – A Supply Chain Investigation
Hazera Akter (Arizona State University), Ekaterina Stoliarova (Arizona State University), Carola Grebitus (Arizona State University)

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Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Grand Sonoran E - 1JW Marriott Desert Ridge Resort

BOARD MEETING: Midwest DSI Board Meeting
A meeting of the members of the Midwest DSI Board of Directors.

Members: Qiannong Gu (Ball State Univeristy), Jiangxia Liu (Valparaiso University), Sourish Sarkar (Penn State Behrend), Yi Guo (University of Michigan -- Dearborn), Jason Davidson (Butler University), Ata Karbasi (Valparaiso University), Jeong Hoon Choi (Youngstown State University)
Chair: **Osman Aydas**, *Oakland University*

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Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Grand Canyon 2   JW Marriott Desert Ridge Resort

BUSINESS ANALYTICS: Novel Tools in Analytics
This session discusses several research papers on useful new tools in analytics.
Chair: Q Chung (Villanova University)

Asymptotically Optimal Adaptive A/B tests for Average Treatment Effect
VIKAS DEEP (Kellogg School of Management, Northwestern University), Achal Bassamboo (Kellogg School of Management, Northwestern University), Sandeep Juneja (Ashoka University, India)

Local SAGE: Consistent and Trustworthy Sensitivity-Adjusted Gradient Model Explanations
Nolan M Talaei (University of Massachusetts Lowell), Asil Oztekin (University of Massachusetts Lowell), Hongwei Zhu (University of Massachusetts Lowell), Ano Bhattacherjee (University of South Florida)

Shifting Perceptions of Big Data: A Triangulation Approach
Q Chung (Villanova University)

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Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Grand Sonoran D JW Marriott Desert Ridge Resort

DATA, ANALYTICS AND STATISTICS INSTRUCTION: Evolution of Introductory Analytics and Management Science Instruction, plus Principles for AI & Big Data
Session addresses how changes in courses and instruction were made in an introductory analytics course and a management science course in response to changes in the school's environment as well as those with software tools, not the least of which was the arrival of AI tools. Discussion will include lessons learned – what worked well and what did not. Session will finish with a set of principles for data-based decision making in the world of AI and Big Data.
Chair: Robert Andrews (Virginia Commonwealth University)
Presenters: Zsolt Ugray (Utah State University), Polly Conrad (Utah State University), Tom Robbins (East Carolina University), Cheryl Hild (Lincoln Memorial University)

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Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Desert Suite 4   JW Marriott Desert Ridge Resort

DECISION SCIENCES IN PRACTICE: Frontiers in Supply Chain Practices
This session discusses new advancements in supply chain management practices.
Chair: Ning Ma (Arizona State University)

Product Service Outsourcing: Impact of Market Dispersion and Knowledge Decay
Ning Ma (Arizona State University), Heng Zhang (Arizona State University), Yimin Wang (Arizona State University)

Does Industry Matter? The Impact of Social Media Adoption on Operational Performance
Luxin (Grace) Zhang (University at Buffalo), Chia-Ching (Edward) Chou (Central Michigan University), Chieh Lee (National Sun Yat-sen University)

Reconciling User reviews and Product Descriptions on E-Commerce Platforms for Novel Seller Insights
Mahdi Kazemi (University of Houston), Sadegh Kazemi (University of Houston), Gihan Edirisinghe (Western Kentucky University)

Should Governments Intervene or Not? The Impact of Subsidy and Tariff Policy
Chieh Lee (National Sun Yat-sen University), Shania Yap (National Sun Yat-sen University)

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Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Grand Canyon 1   JW Marriott Desert Ridge Resort

DIVERSITY, EQUITY AND INCLUSION: Tackling Multiple Dimensions of Diversity in Operations and Technology Management

This session delves into DEI's role in operations management, addressing three key areas. It covers the ethical development of AI, emphasizing transparency and inclusivity while mitigating biases. It also explores how gender diversity enhances ESG impacts on stock liquidity, showcasing its operational benefits. Lastly, it highlights the importance of fostering inclusive environments for international students in higher education, advocating for DEI strategies to support diverse academic communities and improve educational outcomes.

Chair: Zeynep Orhan (University of North Texas)

Transformative Decision-Making for Inclusive Excellence: Empowering International Students in Higher Education
Ifeyinwa N Onwelumadu (Southcentral Kentucky Community and Technical College), Olihe Okoro (University of Minnesota)

AI's Double-Edged Sword: Confronting Bias, Misinformation, and Ethical Challenge
Zeynep Orhan (University of North Texas)

Time Accommodation for Call Center Agents with Disabilities: A Mediation Analysis
Yingru Han (University of South Carolina), Luv Sharma (University of South Carolina), Sriram Narayanan (Michigan State University)

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Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Pinnacle Peak 1   JW Marriott Desert Ridge Resort

HEALTHCARE MANAGEMENT: Information Processing Approach to Healthcare

This session explores critical aspects of enhancing healthcare efficiency and outcomes. We examine how digitalization and transactive memory systems contribute to achieving value-based care in Ghanaian healthcare facilities. We then analyze methods for predicting unplanned hospital readmissions, categorizing techniques into predictive, machine learning, and decision support systems, to aid in reducing readmission costs. Finally, we evaluate the impact of Italy's Recovery Plans on hospital productivity from 2000 to 2018, highlighting how managerial and organizational factors mediate this relationship and how hospital autonomy moderates these effects. These studies provide insights into improving healthcare management and patient outcomes.

Chair: Simone Gitto (University of Siena)

Achieving value-based care through healthcare digitalization: An organizational information processing perspective
Caleb Amankwaa Kumi (Kwame Nkrumah University of Science and Technology, Kumasi), Francis Kofi

Andoh-Baidoo (University of Texas Rio Grande Valley), David Asamoah (Kwame Nkrumah University of Science and Technology)

The impact of Recovery Plans on Italian hospital productivity: integrating moderation and mediation
Rossana Fulgenzi (Department of Mechanical and Aerospace Engineering University Sapienza of Rome), Simone Gitto (University of Siena)

How Technology Can Hinder Patient Care Decisions: Digital Blindness
Marjorie Erdmann (Oklahoma State University), Ipe Paramel (Oklahoma State University), Cari Marshall (Oklahoma State University)

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Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Pinnacle Peak 2   JW Marriott Desert Ridge Resort

HEALTHCARE MANAGEMENT: Understanding Health and Technology Intersections in Aging Populations

This session examines key barriers and mediating factors affecting healthcare access for people living with HIV/AIDS (PLWHA), using a survey to analyze the roles of stigma, housing, and awareness programs. We also explore mental health challenges among older adults, linking severe anxiety and depression with conditions like dementia and insomnia using National Health and Aging Trend Study (NHATS) data. Additionally, the session investigates the heightened dementia risk among foreign-born older adults, despite higher community engagement, revealing significant implications for healthcare and support services. Findings emphasize the need for targeted policies and interventions to address disparities and improve overall well-being.
Chair: arthur s chaminuka (university of north texas)

Healthcare access mediating factors for people living with HIV/AIDS
arthur s chaminuka (university of north texas), charity tinofireyi (none), gayle prybutok (university of north texas), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS)), William D Senn (Tarleton State University)

Multivariate Influences on Depression and Anxiety in Older Medicare Populations in the USA: Insights from the NHATS Data
Ashrafe Alam (University of North Texas), Md Golam Rabbani (University of North Texas), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS))

Long-Term Effects of Community Physical Disorder, Technology Use, and Nativity Status on the Risk of Dementia in Aging Populations Abstract
Ashrafe Alam (University of North Texas), Md Golam Rabbani (University of North Texas), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS))

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Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Grand Canyon 12 JW Marriott Desert Ridge Resort

HUMANITARIAN OPERATIONS AND DISASTER MANAGEMENT: Emerging Topics in Humanitarian and Non-Profit Operations

This session covers emerging topics by context and methods in humanitarian and non-profit sectors.
Chair: Shikha Safaya (Georgia Tech)

Coopetition and Competition in Humanitarian Supply Chains
Iana Shaheen (University of Arkansas)

AI Powered Philanthropy and its Effects on Volunteer Productivity
Eunae Yoo (Indiana University)

Optimizing Nonprofit Capacity Building: The Role of Donor Types and Security Conditions
Mohamed Megahed (The Ohio State University)

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Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Grand Sonoran B   JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: AI and Risk Management

This session will focus on the role of AI in identifying, assessing, and mitigating risks within decision science and operations management, covering AI-driven approaches to risk analysis and decision support systems.
Chair: Rajkumar Pandiampalayam Venkatachalam (University of Central Missouri)

AI-Driven Framework for Identity Governance and Access Management
Muhammad Zain Malik (Qatar University), Shah Nazir (University of Swabi), Habib Ullah Khan (Qatar University)

Operationalizing AI Safety: A Risk Management Approach
Chiang-Sheng Derrick Huang (FAU)

Use of Data Analytics and AI in small business and Cybersecurity risks
Mayur Desai (Texas Southern University), Kamala Raghavan (Texas Southern University), Rajkumar Pandiampalayam Venkatachalam (University of Central Missouri)

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Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Grand Sonoran C JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Digital Transformation & Decision Modeling

This session features papers on the role of digital transformation in decision modeling within operations management, and highlight advancements in tools and techniques that enhance decision-making processes.
Chair: Scott Warren (University of North Texas)

Addressing the Analytics Chasm with Digital Transformation Systems Modeling
Scott Warren (University of North Texas), Brent Tincher (Lockheed Martin)

The Digital Transformation Adoption Decision framework: Validation Process and Application Examples
Scott Warren (University of North Texas), Dennis Beck (University of Arkansas), Kimberly Grotewold (Texas A&M San Antonio), Brent Tincher (Lockheed Martin)

Does digital transformation drive supply chain value co-creation?: Preliminary insights and implications
Benjamin Agyei-Owusu (Kwame Nkrumah University of Science and Technology, Kumasi), Francis Kofi Andoh-Baidoo (University of Texas Rio Grande Valley), David Asamoah (Kwame Nkrumah University of Science and Technology), Emmanuel Kweku Quansah (Solent University, Southampton), Eric Opoku Osei (Kwame Nkrumah University of Science and Technology)

Understanding different types of digital transformation: Initial conceptualization and empirical evidence
Benjamin Agyei-Owusu (Kwame Nkrumah University of Science and Technology, Kumasi), Francis Kofi Andoh-Baidoo (University of Texas Rio Grande Valley), David Asamoah (Kwame Nkrumah University of

Science and Technology)

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Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Grand Sonoran A JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Empirical Modeling and Analytics in OM-IS Interface

In this session, the emphasis will be placed on harnessing data analytics and empirical modeling techniques to address various problems in the operations management spectrum that are profoundly impacted by information systems. Participants will gain insights into how data-driven decision-making can enhance operational processes and strategies in today's digital age. The session will cover a range of topics, application of various empirical models, and the influence of information systems.

Chair: Seokjun Youn (University of Arizona)

Evaluating Diagnosis Discrepancy: An Empirical Investigation of Operational Drivers and Impacts
Seokjun Youn (University of Arizona), Yingchao Lan (UNL)

Enhancing Care Coordination in Organ Transplantation via Health Information Technology
Steve Essi (Virginia Commonwealth University), Yeongin Kim (Wake Forest University), Xiaojin Liu (Virginia Commonwealth University)

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Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Grand Canyon 9   JW Marriott Desert Ridge Resort

INNOVATION AND NEW PRODUCT DEVELOPMENT: Knowledge Management and Innovation

This session is about knowledge management and innovation issues.

Chair: Ajay Das (Baruch College)

The Dark Side of Knowledge Spillover: An Empirical Analysis
Nitin Jain (Indian Institute of Management Udaipur), Anirbhan Adhikary (IIM Udaipur), Sreejith Kumar Krishnakumar (Indian Institute of Management Udaipur), Sourav Bikash Borah (Indian Institute of Management Ahmedabad)

Diversity and Knowledge Creation
Ajay Das (Baruch College)

Innovation and firm performance
Zhi Tao (university of alaska anchoage)

The Effect of Employee Suggestion Systems on Quality Competitiveness
Jaeho Shin (Hansung University), Hongsuk Yang (Seoul National University)

303
Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Desert Suite 3   JW Marriott Desert Ridge Resort

MANUFACTURING MANAGEMENT: Emerging Issues in Manufacturing and Servicizing Supply Chains

The session aims to explore the emerging issues concerning manufacturing and servicizing activities in supply chains as organizations

try to navigate the complexities surrounding the realization of efficiency and effectiveness goals in the data driven fast changing business context.
Chair: Santosh K Mahapatra (Clarkson University)

Breadth and depth of supply base innovativeness and its consequences on the focal firm's innovation
Ravi Srinivasan (Loyola University Maryland)

Typology of knowledge asset outsourcing decisions
Piyush Shah (Florida Gulf Coast University), Thomas Kull (Arizona State University)

Meeting the challenges of capacity planning and quick response in ultrafast, hyperlocal delivery supply chains
Ajinkya Tanksale (Clarkson University), Santosh K Mahapatra (Clarkson University)

Buyer's Strategic Commitment to Contract Terms Before Knowing the Outcome of a Sustainability Audit
Hossein Rikhtehgar Berenji (Pacific University), Nagesh Murty (University of Oregon)

304 Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Grand Canyon 3 JW Marriott Desert Ridge Resort

MARKETING AND CONSUMER BEHAVIOR: Macro Trends and Culture
This session examines macro trends and culture in marketing operations. Topics include brand activism, COVID-19 pandemic impact, and cultural media.
Chair: Hatem Bata (Embry Riddle University)

Brand activism and the cultural wars
Hatem Bata (Embry Riddle University)

COVID-19's Influence on American Supermarket Decision Making: A Study of Supermarket Food Trends
JENNIFER OVALLE-ZELAYA (Northern Arizona University), Alicia Alexander (Northern Arizona University)

305 Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Desert Suite 7 JW Marriott Desert Ridge Resort

OPERATIONS FINANCE INTERFACE AND ACCOUNTING: Risk Management in Supply Chain Networks
This panel will explore cutting-edge research and practical applications that address the multifaceted risks inherent in global supply chains. Key topics include mergers and acquisitions in trade networks, innovative financial instruments designed to manage demand uncertainty and supply disruptions, and firms outsourcing to promote flexibility in global supply chains.
Chair: Shi Qiu (University of Illinois at Urbana-Champaign)

Mergers and Acquisitions in the Inter-State Trade Network
Xinyan Yan (University of South Florida)

The Lost Decade for U.S. Manufacturing Jobs: A Story of Cost and Risk
Shi Qiu (University of Illinois at Urbana-Champaign)

Standardizing Critical Audit Matters' Titles: Experiences from Three Years of Implementation
Magdy Farag (Cal Poly Pomona)

306
Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Grand Canyon 13 JW Marriott Desert Ridge Resort

PROCUREMENT AND SOURCING: The Impact of Sustainability, Resilience, and Power Dynamics on Supply Chains

Utilizing a variety of methodologies, including experimental design and econometric analysis, this invited session presents research on factors that impact supply chain performance, decisions, and relationships. The presentations in this session provide insight into the resilience of supply chain relationships during disruptions and how sustainability can influence supplier relationship management. This session also includes presentations on how power dynamics influence supplier allocation decisions and the impact of sustainability congruence on firm performance.

Chair: Vladyslava Snyder (University of Tennessee, Knoxville)

Examining how power dynamics and needs influence supplier allocation
Saif Mir (Lehigh University), David Rea (Lehigh University), Zach Zacharia (Lehigh University)

An Investigation of Firm and Supply Base Sustainability Congruence on Firm Performance
Satabdi Hazarika (University of Arkansas - Fayetteville, AR), Ellie Falcone (Texas Christian University), Brian Fugate (University of Arkansas - Fayetteville, AR)

Relational Resilience during Major Disruption: The Impact of COVID-19 on Supply Chain Relationship Failure
Jordan Barker (Michigan State University), Anne Dohmen (Michigan State University)

Conflicting Priorities: The Role of Values in Buyer-Supplier Relationship Management
Vladyslava Snyder (University of Tennessee, Knoxville), Stephanie Eckerd (University of Tennessee, Knoxville), Wendy Tate (University of Tennessee, Knoxville)

307
Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Desert Suite 2   JW Marriott Desert Ridge Resort

QUALITY MANAGEMENT AND LEAN OPERATIONS: Lean Applications

This session will have authors present and discuss their full papers and abstracts on various aspects of lean implementation, both in manufacturing and services.

Chair: Mohammad Z Meybodi (Indiana University Kokomo)

Considering competitive priorities in waste elimination under lean management
Narendar Sumukadas (University of Hartford), David Stec (University of Hartford)

Enhancing Efficiency in Cervical HDR Brachytherapy through Lean Six Sigma
Russ Noorossana (University of Central Oklahoma - Edmond, OK), Hossein Najmi (University of Central Oklahoma - Edmond, OK)

The Influence of Lean Manufacturing Practices on Joint Product Development
Mohammad Z Meybodi (Indiana University Kokomo)

Linking Organizational Learning Orientations, Innovations and Service Quality in Outsourcing Service Firms
Subhajit Chakraborty (Coastal Carolina University)

308

Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Grand Canyon 10 JW Marriott Desert Ridge Resort

ROLE OF AI AND TECHNOLOGY IN THE CLASSROOM: AI and Academic Integrity

This session focuses on the critical issue of academic integrity with the increasing role of AI in business education.

Chair: Cigdem Gurgur (Purdue University)

AI: Artificial Intelligence or Academic Integrity

Shon Williams (University of North Texas)

AI ethics and academic integrity in higher education

Pedro Reyes (Baylor University), Jamie Collins (Texas Tech), Chris Meyer (Baylor University), Patrick Jaska (University of Mary Hardin-Baylor)

Fostering Ethical, Responsible and Digitally Proficient Students through AI-Driven ESG Inquiry

Cigdem Gurgur (Purdue University)

309

Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Desert Suite 5   JW Marriott Desert Ridge Resort

SCHOLARSHIP OF TEACHING AND LEARNING SIG: How to Leverage your Teaching Effort into Pedagogical Research

In an interactive workshop style session, presenters will discuss ways for participants to leverage innovative classroom activities to support their research expectations. Creative, engaging, and cutting-edge activities can be valuable intellectual contributions when shared. Pedagogical research topics will include the use of simulations, case creation, class activities, assessment, and more. Possible publishing outlets for the various types of research also will be discussed.

Workshop Coordinators: Pamela Rogers (Stephen F. Austin State University), Karen Eboch (Bowling Green State University)

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Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Pinnacle Peak 3   JW Marriott Desert Ridge Resort

SERVICE SYSTEMS AND OPERATIONS: Innovative Technologies

This session explores innovative models and technologies across various domains, including graph neural networks for analyzing airport passenger flows, a framework for integrating explainable AI in industrial services, blockchain design and financing strategies in the platform economy, and the impact of IoT on firm performance through servitization.

Chair: Rang Gong (The Ohio State University)

Uncovering Spatiotemporal Passenger Flow Dynamics Between Airports with Graph Neural Networks

Rang Gong (The Ohio State University), Sean Wan (The Ohio State University)

Adopting Explainable Artificial Intelligence in Industrial Service: A Research Framework

Binshan Lin (Louisiana State University Shreveport)

IoT and Firm Performance: The mediating role of Servitization

Phuoc Pham (West Chester University), Jeen-Su Lim (University of Toledo), Tram Huyen Nguyen (HCMC University of Technology and Education)

311

Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Desert Suite 8   JW Marriott Desert Ridge Resort

STRATEGIC MANAGEMENT AND ENTREPRENEURSHIP: Legal, Financial, and Communication Dynamics in Entrepreneurship

This session explores bankruptcy laws, corporate fraud, management communication, and crowdfunding in shaping entrepreneurial ventures and investments.

Chair: Syed Tariq Anwar (West Texas A&M University)

Bankruptcy laws and innovative ventures: The moderating role of stigma from business failure
Taewan Kim (University of Scranton), Byungku Lee (University of La Verne), Seung Hoon Jang (Commonwealth University of Pennsylvania)

Entrepreneurial Growth, Corporate Fraud and Two Transatlantic Cases
Syed Tariq Anwar (West Texas A&M University)

The Impact of Crowdfunding on Venture Capital and Angel Investments: Evaluating the Role of Patents and Third-Party Endorsements
Chang Heon Lee (California State University Fresno), Jaebong Son (California State University, Chico)

312

Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Grand Sonoran H   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: Contemporary Inventory Management in Supply Chains

Studies relating to contemporary inventory management technologies.

Chair: Ceren Gultekin (BARUCH COLLEGE, CUNY)

Inventory Disclosure with Consumer Returns
Tolga Aydinliyim (Baruch College, CUNY), Ceren Gultekin (BARUCH COLLEGE, CUNY)

Optimal Inventory Control Strategies for Closed-Loop Multi-Echelon Supply Chains Handling Deteriorating Products with Probabilistic Demand
Reza Maihami (Assistant Professor of Management and Supply Chain Analytics, School of Business, Mercer University), Ehsan Ahmadi (Mercer University)

Linkages between Business Orientation, Competitive Priorities, Business Strategy Integration and Business Performance: A double-mediation model
Abeera Amir (Lahore University of Management Sciences), Attique ur Rehman (Lahore University of Management Sciences)

313

Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Grand Canyon 5   JW Marriott Desert Ridge Resort

SUPPLY CHAIN RISK AND RESILIENCY: Building Resilience in Pharmaceutical and Healthcare Supply Chains

This session focuses on strategies for building resilience in pharmaceutical and healthcare supply chains. It starts with an analysis of the costs and benefits of resilience in pharmaceutical supply chains, emphasizing the trade-offs between robustness and resource

requirements. Next, a novel methodology for identifying and addressing risks and resilience across healthcare supply chains is presented. The session then explores how adaptability and contingency planning can improve firm performance in the healthcare industry. Finally, the impact of disruption planning and improvisation on supply adaptation is examined. Attendees will gain insights into enhancing resilience and performance in pharmaceutical and healthcare supply chains.
Chair: Dominic Essuman (University of Sheffield)

Crafting a novel integrated end-to-end healthcare supply chain risks and resilience planning methodology
Ahmed Mohammed (University of Birmingham), Morteza Yazdani (Universidad Internacional de Valencia-VIU, 46002, Valencia, Spain), Hugo K.S. Lam (Management School, University of Liverpool, Liverpool, UK)

Analyzing Costs and Value of Resilience in Pharmaceutical Supply Chains (PSC)
Vikrant Giri (Department of Management Studies, IIT Delhi, Hauz Khas, New Delhi, India, 110016), Jitender Madaan (Indian Institute of Technology Delhi), Nikhil Varma (Ramapo College)

How and When do Disruption Planning and Improvisation Help and Hinder Supply Adaptation? Evidence from Pharmaceutical and Healthcare Firms
Dominic Essuman (The University of Sheffield), David Asamoah (Kwame Nkrumah University of Science and Technology), Ishmael Nanaba Acquah (University of Education, Ghana)

314
Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Grand Sonoran J   JW Marriott Desert Ridge Resort

SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Operations and Climate Change
Operations and Climate Change
Chair: Karthik Murali (Oregon State University)

Bridging Climate Awareness and Green Actions: The Role of Employee Psychological States in Fostering Pro-Environmental Behaviors
Md. Farid H Talukder (McNeese State University), Muhammad Rofiqul Islam (Texas A&M International University)

Save the Planet and Maintain Competitiveness: Will Mandatory Climate Risk Disclosures Help Mitigate Global Warming and Promote Operational Performance?
SHUCHENG MIAO (The Hong Kong Polytechnic University)

315
Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Grand Sonoran K   JW Marriott Desert Ridge Resort

SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Pervasive Sustainable Operations: Bridging Income Inequality, Climate Innovation, and Environmental Policies
This session explores subsidy programs tackling income inequality, the impact of climate disasters on firm-level innovation, and the design of container deposit policies in supply chains. Discover novel funding mechanisms, the drivers of green innovation, and effective environmental policy implementations aligning with sustainable development goals.
Chair: Max Ji (The Pennsylvania State University)

Bottle Bill Redemption: Container Deposit Policy & Supply Chain Design
Austin Iglesias Saragih (Massachusetts Institute of Technology)

Is Climate (Adversity) the Mother of Innovation? — Evaluating the Impact of U.S. Billion-Dollar Weather and

Climate Disasters on Firm-Level Innovation
Max Ji (The Pennsylvania State University), Suvrat Dhanorkar (Penn State University), Suresh Muthulingam (The Pennsylvania State University)

Funding Dynamics in Subsidy Welfare Programs Bridging Mission-Oriented Agencies and Profit-Driven Providers
Gulten Busra Karkili (University of Massachusetts Amherst), Senay Solak (University of Massachusetts Amherst)

316
Monday, Nov 25th, 2024, 10:00-11:30 a.m. | Grand Canyon 11 JW Marriott Desert Ridge Resort

WORKSHOP: Teaching Business Statistics with R: Using Custom Packages and AI to Support Non-Coders

This workshop explores accessible methods for teaching business statistics using R, designed specifically for students with no prior coding experience. Participants will learn how to create a custom package of relevant data sets to reduce technical hurdles and simplify learning and engagement. Additionally, we will discuss the integration of AI tools to support students as they develop coding skills. By the end of the workshop, attendees will be equipped with practical strategies to make business statistics more accessible and engaging for all students.
Workshop Coordinator: Kate Ashley (Northeastern University)

Monday, Nov 25th, 2024, 11:30 a.m.-1:00 p.m.

317
Monday, Nov 25th, 2024, 11:30 a.m.-1:00 p.m. | Grand Saguaro North and SouthJW Marriott Desert Ridg

CONFERENCE AWARDS LUNCHEON: DSI 2024 Conference Awards Luncheon

This luncheon features all conference awards including recipients of the Instructional Innovation, Best Papers, Buffa Doctoral Dissertation, Best Case Studies, Showcases and Best Chapter Presentation Awards.

Monday, Nov 25th, 2024, 1:00-2:30 p.m.

318
Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Grand Canyon 4   JW Marriott Desert Ridge Resort

AGRICULTURAL AND FOOD SUPPLY CHAINS: Enhancing Agricultural Operations

This session focuses on concurrent topics in Agri-Food Supply Chain, with a special focus on innovative strategies to improve agricultural operations and farmer welfare.
Chair: Shona Morgan (Department of Management, North Carolina A&T State University Greensboro, NC USA)

Empowering or Exploiting? The Implications of Direct Market Access for Improving Smallholder Farmers' Welfare

Henry Lin (University of California, Irvine), Luyi Gui (University of California, Irvine), Yixin Lu (George Washington University)

Fresh Mobile Markets: Tackling Barriers to Healthy Food in Low-Income Neighborhoods
Motunrayo Ogunmola (Department of Industrial and Systems Engineering, North Carolina A&T State University Greensboro, NC USA), Lauren Davis (Department of Industrial and Systems Engineering, North Carolina A&T State University Greensboro, NC USA), Shona Morgan (Department of Management, North Carolina A&T State University Greensboro, NC USA), Dwight Lewis (Department of Management, Institute of Data and Analytics, University of Alabama Tuscaloosa, AL USA)

319
Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Grand Canyon 3   JW Marriott Desert Ridge Resort

BEHAVIORAL OPERATIONS MANAGEMENT: Sustainability in Behavioral Operations
Sustainability in Behavioral Operations.
Chair: Sang-Heui Lee (Pittsburg State University)

Dynamic Changes and Growth Trajectories Between Innovation and Green Supply Chain Performance
Sang-Heui Lee (Pittsburg State University), Eun Young Nae (Pittsburg State University)

Risk aversion and ambiguity aversion: Supplier Sustainability practices through An Experimental Study
RAHUL SAHU (Indian Institute of Technology, Bombay), T.T. Niranjan (Indian Institute of Technology, Bombay)

Social sustainability and workforce diversity - The Role of Chief Diversity Officer to reinforce the operational business case for diversity
Kaverinathan Dhanapal (New Mexico State University)

320
Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Desert Suite 4   JW Marriott Desert Ridge Resort

CYBER SECURITY AND SYSTEM RESILIENCY: Building Cyber Resilience and Trust in Digital Ecosystems
This session explores how to build cyber resilience and trust in the evolving digital landscape.
Chair: Yiyi Fan (Lancaster University)

Fostering a Trusted Ecosystem for Digital Responsibility in Algorithmic AI Systems
Cigdem Gurgur (Purdue University Fort Wayne)

Accounting for Industrial Variation in Deliberate Data Breaches
Yaojie Li (University of New Orleans), Xuan Wang (University of Texas Rio Grande Valley), Ying Wang (Northern Illinois University)

Metaverse Influence on Employee Emotional Resilience and Cyber Resilience
Setareh Daneshgar (University of North Texas), Kiarash Sadeghi R. (North Carolina A&T State University), Divesh Ojha (Professor)

321
Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Grand Sonoran K   JW Marriott Desert Ridge Resort

CYBER SECURITY AND SYSTEM RESILIENCY: Stratetgic Optimization of Supply Chains
The strategic sourcing process directs sourcing activities toward opportunities enabling firms to achieve long-term operational and organizational performance goals. The purpose of this presentation is to examine the core elements of the strategic sourcing process and describe how each step can be leveraged for mitigating risk and fostering resilience in supply chains.
Chair: George Zsidisin (University of Missouri – St. Louis)

Insights from the Strategic Sourcing Process for Fostering Supply Chain Resilience
George Zsidisin (University of Missouri – St. Louis)

Quantum Computing: A New Ally in Optimizing Supply Chains
Dale Stewart Rogers (Arizona State University), John Fowler (Arizona State University), Gil Speyer (Arizona State University), Torey Battelle (Arizona State University), Jeffrey Vah (Dell Inc.), Burns Healy (Dell Inc.)

The Mediating Effect of Resource Efficiencies between COVID-19 Pandemic and Firm Performance
Tingshu Hung (DePaul University), Nallan C Suresh (SUNY University at Buffalo)

322
Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Grand Sonoran D   JW Marriott Desert Ridge Resort

DATA, ANALYTICS AND STATISTICS INSTRUCTION: Advice for and Experiences with Integrating AI into Courses
Session will begin with practical advice on using ChatGPT and Prompt Engineering in an Introductory Business Analytics course so that students will understand the power of AI to address questions. This part will show how prompt engineering can be used as an assistant to refine questions, and perform business analytics and will demonstrate its use through several cases used in the classroom, and discuss its effectiveness. Finishing discussion and demonstration will be on AI chatbots for grading, group projects, and learning across various mediums and technologies, plus experience on group size and interactions, and differences in the various available technologies.
Chair: Robert Andrews (Virginia Commonwealth University)
Presenters: Vern Richardson (University of Arkansas), Ivor Cribben (University of Alberta)

323
Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Grand Canyon 1   JW Marriott Desert Ridge Resort

DIVERSITY, EQUITY AND INCLUSION: Advancing DEI Through Social Impact
The aim of the session is to highlight research that engages stakeholders at the grassroots level and there is social impact generated, with involved organizations being for-profit, non-profit, or humanitarian. Problems including but not limited to communities that are marginalized are welcome.
Chair: Shikha Safaya (Georgia Tech)

Selection, Payment, and Information Assessment in Social Audits
Gabriel Alfonso Pensamiento Calderon (University of Pittsburgh)

Addressing Child Labor and Exploitive Labor in the Hazelnut Supply Chain: A Multi-method Study
Veronica Villena (Arizona State University)

Trade Credits and Visit Frequency: The Role of Order Financing on Nanostore Logistics Efficiency

Rafael Escamilla Gonzalez Aragon (Arizona State University)

Assigning Volunteers to Clients in a Non-Profit Organization
Shikha Safaya (Georgia Tech)

324
Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Desert Suite 2   JW Marriott Desert Ridge Resort

GIG ECONOMY AND SOCIAL MEDIA RESEARCH: Enhancing Work-Life Balance, Trust, and Fairness through Data and Decision-Making
This session explores innovative strategies to improve work-life satisfaction, investment fairness, and decision-making efficiency. Presenters will discuss the positive impact of social media use on job and life satisfaction, leveraging data visualizations to foster unbiased startup investments for female entrepreneurs, and the trade-offs between fairness and optimality in decision-making processes.
Chair: Kriti Chauhan (Austin Peay State University)

Benefits of social media use at work – A work-life enhancement perspective
Kriti Chauhan (Austin Peay State University), Erik Anderson (Austin Peay State University), Leong Lee (Austin Peay State University)

Enhancing Trust in Startup Investments: Leveraging Data Visualizations for Unbiased Funding for Female Entrepreneurs
Anjana Arunkumar (Northeastern University), Arun Madapusi (Northeastern State University), Daniel Arturo Cernas Ortiz (Universidad Autónoma del Estado de México)

325
Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Pinnacle Peak 2   JW Marriott Desert Ridge Resort

HEALTHCARE MANAGEMENT: Achieve Healthcare Operational Excellence through Technology Adoption and Engagement
This session presents a triad of research papers that address critical issues and innovative solutions in contemporary healthcare environments. Each study sheds light on different facets of healthcare administration, technology adoption and social network, and current issues around genetic testing, applicable to practitioners, administrators, and researchers.
Chairs: Xianghui (Richard) Peng (Penn State Erie, The Behrend College), Xinyu Wei (California State University, Chico)

Examining the roles of work engagement and career growth opportunities in the relationship between diversity climate and employee productivity.
Kwabena Boakye (Georgia Southern University), Bettye Apenteng (Georgia Southern University), Samuel Opoku (Georgia Southern University), Charles Owens (Georgia Southern University), Linda Kimsey (Georgia Southern University), William Mase (Georgia Southern University), Angela Peden (Georgia Southern University)

Exploring the Association of Older-Adult Identified Drivers of Relational Technology Adoption and Reported Adoption
John Alagood (Texas Woman's University), gayle prybutok (university of north texas), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS))

Optimizing Family-Centered Genetic Testing Assortment
Ying Cao (Penn State Erie, The Behrend College), Xinyu Wei (California State University, Chico), Xianghui

(Richard) Peng (Penn State Erie, The Behrend College)

326

Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Pinnacle Peak 1   JW Marriott Desert Ridge Resort

HEALTHCARE MANAGEMENT: Applications of AI and Optimization in Healthcare Operational Planning

This session explores innovative strategies for enhancing healthcare efficiency and reducing costs. We present a Lean-based 5-step framework for improving preoperative clinic operations, resulting in a cancellation rate of under 1%. Additionally, we examine a block-scheduling approach for surgeons that optimizes resource distribution and demand fulfillment, improving current practices. Finally, we discuss AI-driven frameworks for treatment monitoring, addressing the balance between follow-up testing and timely decision-making to minimize risks and healthcare costs. These methods collectively aim to enhance operational efficiency, resource management, and patient safety across healthcare settings.

Chair: Saharnaz Mehrani (Florida Atlantic University)

Assessing Patient Care Delays in a Preoperative Clinic Using a 5-step Lean Framework
Yann Ferrand (Augusta University), Akbar Herekar (Augusta University), Richard Franza (Augusta University), Efrain Riveros Perez (Augusta University)

Block Scheduling of Operating Rooms with a Guaranteed Delivery to Surgeons
Saharnaz Mehrani (Florida Atlantic University)

Prevent Test Overuse and Efficient Treatment Monitoring Using AI Tools
Maryam Kheirandish Borujeni (University of Arkansas), Shengfan Zhang (University of Arkansas)

AI-Powered Mobile App for Brain Hemorrhage Detection Using Deep Learning
Hafsa Anjum Allahbakash (Qatar University), Fatima Ashfaq (Qatar University), Khulood Islam Shah (Qatar University), Bothayna Yousif R Y Al-Khater (Qatar University), Muneera Khalifa S A Al-Derham (Qatar University), Roudha Jassim A A Al-Mohannadi (Qatar University), Habib Ullah Khan (Qatar University), Mohammad Kamel Bader Alomari (Qatar University)

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Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Pinnacle Peak 3   JW Marriott Desert Ridge Resort

HEALTHCARE MANAGEMENT: Challenges in Healthcare Access and Performance

This session explores critical aspects of healthcare quality and access. We begin by investigating how the horn effect distorts patient satisfaction scores at safety-net hospitals, revealing a bias that lowers their ratings. Next, we analyze disparities in access to essential surgical procedures between black and white patients in Florida, considering the impact of system-wide crowding and individual medical needs. Finally, we assess the effectiveness of Italy's new Community Health Centres in improving primary care integration and reducing emergency department congestion. Insights from these studies aim to enhance patient care, address disparities, and optimize healthcare resource management.

Chair: Ankita Shirahatti (Boston University)

All Horn and No Halo: Explaining Safety-Net Hospitals' Underperformance on Patient Experience
Ankita Shirahatti (Boston University)

Crowding and Racial Health Disparity in Hospitals
David Ding (Rutgers), Temidayo Adepoju (Rutgers)

Examining the relationship between Community Health Centres and Emergency Departments utilization
Rossana Fulgenzi (University Sapienza of Rome; University of Siena), Simone Gitto (University of Siena),

Ginevra Giuliani (University of Siena)

328

Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Desert Suite 3   JW Marriott Desert Ridge Resort

INDUSTRIAL AND SYSTEMS ENGINEERING: Circular Economy and Sustainable Supply Chains

This session aims at discussing innovative strategies and practices to foster a sustainable industrial future. The session's objective is to present expert insights on eliminating waste, maximizing resource efficiency, and enhancing material reuse and recycling.

Chair: Noah Last (National Institute of Standards and Technology)

The role of measurement science and standards in facilitating a circular economy and sustainable manufacturing

Kelsea Schumacher (National Institute of Standards and Technology), Noah Last (National Institute of Standards and Technology)

A Reverse Logistics Supply Chain Network for Sustainable Value Recovery from Li-ion Batteries in the United States

Apurba Saha (University of Arizona)

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Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Grand Sonoran C   JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Information Systems Research

Our session highlights the applications of machine learning and empirical data in understanding and influencing human behavior and decision-making processes related to information systems. The first study demonstrates the potential of machine learning models to enhance the accuracy of automated fact-checking through effective feature engineering. The second study reveals the power of the wisdom of crowds, showing that independent elicitation of estimates can yield high-quality collective estimates, with better results achieved when multiple modalities of estimates are used within the same group. The third study shifts focus to the digital content industry, investigating how different content partitioning strategies influence consumer engagement.

Chair: Miyeon Jung (University of Nevada, Las Vegas)

To Split or to Merge? How Partitioning Affects Consumption and Engagement with Digital Content

Heeseung Andrew Lee (University of Texas at Dallas)

Elicitation and aggregation of multimodal estimates improve wisdom of crowd effects on ordering tasks

Yeawon Yoo (California State University, Channel Islands)

Understanding Online Misinformation Spread

Pankaj Sharma (University of Massachusetts Lowell)

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Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Grand Canyon 9   JW Marriott Desert Ridge Resort

INNOVATION AND NEW PRODUCT DEVELOPMENT: Emerging Topics of Innovation and New Product Development

This session is on Emerging topics of Innovation and New Product Development

Chair: Yuqi Peng (Salisbury University)

A Framework for A Green IoT Blockchain Environment: From the Smart Farming Perspective
Steve Essi (Virginia Commonwealth University)

Breaking Barriers and Forging Innovations: Examining the Nexus of Female Representation at the Executive Level and New Product Announcements
Anto John Verghese (University of North Texas), Vivek Astvansh (McGill University)

The Spillover Effects of Giveaways on Gaming Platforms: Evidence from a Quasi-experiment on Steam
Campbell Clarkson (University of South Carolina), Simin Li (Tulane University), Necati Tereyagoglu (University of South Carolina), Sriram Venkataraman (University of South Carolina)

331 Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Grand Canyon 11   JW Marriott Desert Ridge Resort

INNOVATIVE EDUCATION: Accounting Related Pedagogy
This session focused on accounting related pedagogical approaches in business schools.
Chair: Jiangxia Liu (Valparaiso University)

Green Learning: Innovating Curriculum to Embrace Sustainability
Jiangxia Liu (Valparaiso University)

Understanding the Quality of Accounting Students' Prior Knowledge and Measuring Semester-Based Learning Progress in Accounting Education
Recep Pekdemir (University of Wisconsin La Crosse), Sergey Komissarov (University of Wisconsin La Crosse)

Integrated Accounting & Supply Chain Management Teaching Project
Jorge Eduardo Scarpin (Concordia College Moorhead MN), Marcia Regina Santiago Scarpin (Concordia College Moorhead MN)

332 Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Grand Sonoran B   JW Marriott Desert Ridge Resort

LOGISTICS AND TRANSPORTATION MANAGEMENT: Information Technology in Logistics and Transportation
This session explores the role of cutting-edge technologies, such as machine learning and artificial intelligence, in shaping transportation and logistics operations.
Chair: Rang Gong (The Ohio State University)

AI-Facilitated Sustainable Packaging Supply Chain System Focusing Critical Risks and Enhancement Strategies
Gulshan Kumar Gaur (Indian Institute of Technology Delhi), Jitender Madaan (Indian Institute of Technology Delhi)

Explainable AI in Transport Logistics: Risk Analysis for Road Accidents
Ismail Abdulrashid (The University of Tulsa), Shamkhal Mammadov (The University of Tulsa)

The Effect of Artificial Intelligence Assistance Systems on Truck Driver Attrition
Adebola Oluranti Akintomide (University of North Texas Denton), Robert Pavur (University of North Texas)

Does Machine Learning Help Flights Depart On Time? The Value of Machine Learning Tools on Airlines'

Operational Performance
Rang Gong (The Ohio State University), Sean Wan (The Ohio State University)

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Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Grand Canyon 12   JW Marriott Desert Ridge Resort

LOGISTICS AND TRANSPORTATION MANAGEMENT: Urban Transportation and Last Mile Delivery
This session discusses different aspects of urban transportation systems design and operations, including transit systems, e-bikes, and last-mile delivery.
Chair: Yertai Tanai (California State University, Fresno)

Assessing the Effects of the Newly Implemented Bus Rapid Transit
Yertai Tanai (California State University, Fresno), Kamil Ciftci (California State University, Fresno)

Investigating the drivers and mechanism of e-bike sharing systems acceptance and use
Nima Molavi (California State University, San Bernardino), Anuj Jayeshbhai Naik (California State University, San Bernardino)

Optimization of Drone Station Locations and Routing of Truck-Drone Hybrid Deliveries using Mixed-Integer Linear Programming
Vaidyanathan Thiagarajan (Indian Institute of Technology, Madras)

Structural Estimation of Attrition in a Last-Mile Delivery Platform: The Role of Driver Heterogeneity, Compensation, and Experience
Lina Wang (Pennsylvania State University), Scott Webster (Arizona State University), Elliot Rabinovich (Arizona State University)

334
Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Grand Canyon 2   JW Marriott Desert Ridge Resort

MARKETING AND CONSUMER BEHAVIOR: Education and Sustainability in Supply Chain Management
This session examines sustainability in supply chain management and educational practices incorporating student profiles and social mobility.
Chair: Moonwon Chung (Cleveland State University)

Decoding Student Success: A Consumer Behavior and Marketing Analysis of the Impact of Family, Ethnicity, and Lifestyle on College Achievement
Ngoc Cindy Pham (Brooklyn College)

Enhancing Social Mobility through Support Services in Public Universities
Ngoc Cindy Pham (Brooklyn College)

Product environmental performance by and quality spillover: A Human and AI cross comparison study
Moonwon Chung (Cleveland State University), Taehoon Park (Florida gulf coast university)

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Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Grand Canyon 13   JW Marriott Desert Ridge Resort

PROCUREMENT AND SOURCING: Studies in Global Sourcing

Research in this session examines timely issues in global sourcing.

Chair: Chaodong Han (Towson University)

an inverted U-shaped relationship between technological distance and innovation performance with global buyer and supplier coopetition

Fangling Zhu (Old Dominion University), Ling Li (Old Dominion University)

Changes in U.S. Global Sourcing - Empirical Evidence from U.S. Major Trading Partners

Chaodong Han (Towson University)

Dyadic perception differences in preferred customer status

Frederik Vos (Portland State University), Julius Laurenz (University of Twente), Holger Schiele (University of Twente)

A Responsiveness View of Buyer Preferential Treatment: Examining Capability Alignment Between Buyer and Supplier in Resource Allocation

Andrea S. Patrucco (Florida International University College of Business), Steven Carnovale (Florida Atlantic University College of Business), Domenico Mecca (Scuola Superiore Sant'Anna), Glenn Richey (Auburn University)

336

Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Grand Canyon 10   JW Marriott Desert Ridge Resort

ROLE OF AI AND TECHNOLOGY IN THE CLASSROOM: Innovative Learning using AI

This session presents current work addressing innovative learning using AI.

Chair: Scott R. Swenseth (U of Nebraska)

Unleashing Digital Creativity: Enhancing Collaboration and Creation with Innovative Applications

Amrita Tharappel Thomas (University of North Texas)

Unlocking Simulation Modeling Proficiency: GPT as a Key to Autonomous Expertise Development

Esha Bhadoriya (Illinois State University), Borinara Park (Illinois State University)

Impact of AI on Experiential Learning

Scott R. Swenseth (U of Nebraska)

Implementation of AI/ChatGPT in Higher Education: Recommendations

Mayur Desai (Texas Southern University), Kamala Raghavan (Texas Southern University)

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Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Desert Suite 8   JW Marriott Desert Ridge Resort

STRATEGIC MANAGEMENT AND ENTREPRENEURSHIP: Sustaining Organizational and Professional Relevance Amidst Major Transitions

This session provides a forum to present and discuss the efforts of sustaining organizational and professional relevance during the time of major transitions, such as digital transformation, market changes, and economic crises.
Chair: Chanchai Tangpong (North Dakota State University)

Digital transformation in higher education of Thailand
Dr. Suthiporn Truktrong (Prince of Songkla University), Ornchanok Chongsombut (, Prince of Songkla University Trang Campus), Piyakarn Supanchanaburee (Thammasat Business School)

Strategic decision making in marketing: From classroom to the real world
Elif Izberk-Bilgin (University of Michigan-Dearborn), Yi Guo (University of Michigan -- Dearborn), Yi-Su Chen (University of Michigan-Dearborn)

Effectiveness of Top Management's Communication during Economic Crisis: Content Analysis Approach
Supavich (Fone) Pengnate (North Dakota State University), Derek Lehmberg (North Dakota State University,), Chanchai Tangpong (North Dakota State University)

338
Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Grand Sonoran H   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: Emerging Topics in Supply Chain Management
This session will explore emerging topics in supply chain management, providing important insights into the latest trends, innovative practices, and cutting-edge developments.
Chair: Zenan Zhou (Arizona State University)

A Blockchain-Based Approach for Circular Lithium-Ion Battery Supply Chain Safety Management: An Intervention-Based Research
Zhuowen Chen (Worcester Polytechnic Institute), Ravi Sree Kashyap Kompella (Worcester Polytechnic Institute), Joseph Sarkis (Worcester Polytechnic Institute)

Literature Review on Multi-method Research in Supply Chain Management
Jiayuan Zhang (University of Wisconsin-Whitewater), Susan Golicic (Colorado State University), John Macdonald (Colorado State University), Zac Rogers (Colorado State University)

The Interplay of Flight Disruptions and Airport Retail Operations: Unraveling Store Traffic in the Face of Delays and Cancellations
Zenan Zhou (Arizona State University), Lina Wang (Pennsylvania State University)

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Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Grand Sonoran A   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: Sustainable Transformations in Supply Chains
Topics relating to sustainable transformations in supply chains.
Chair: Kwanheui Cheon (Missouri Southern State University)

Designing electric power grid investment plans for economic growth and energy security
Gul Çulhan Kumcu (TOBB University of Economics and Technology), Mark Rodgers (Rutgers University Newark and New Brunswick), Kwon Gi Mun (California State Polytechnic University Pomona), Wenbo (Selina) Cai (New Jersey Institute of Tech, Newark), Xiaowei Xu (Rutgers University Newark and New Brunswick)

Similarity of Sustainable Practices between Suppliers and Buyers: An Empirical Investigation
Kwanheui Cheon (Missouri Southern State University), Hale Kaynak (The University of Texas Rio Grande Valley), Amelia S. Carr (Bowling Green State University)

Sustainability and Efficiency of Crowdsourced Last-Mile Delivery, Model Among Gen Zs in the United States
Bukola Bakare (Middle Tennessee State University)

340 Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Grand Canyon 5   JW Marriott Desert Ridge Resort

SUPPLY CHAIN RISK AND RESILIENCY: Drivers of Supply Chain Resilience: Organizational Culture and Leadership

This session explores key drivers of supply chain resilience, focusing on organizational culture and leadership. It begins with an investigation of how intellectual capital and supply chain resilience influence firm performance. Next, the impact of organizational culture on the effectiveness of risk management orientation in enhancing supply chain robustness is examined. The session then addresses the role of transformational versus transactional leadership and the influence of inter-organizational dependencies on supply resilience. Finally, the discussion covers how diversity and inclusion improve resilience in supply chains. Attendees will gain insights into cultivating organizational practices that enhance supply chain resilience.
Chair: Arun Madapusi (Northeastern State University)

The Effect of Organizational Culture on the Relationship of Risk Management Orientation and Supply Chain Robustness
Ying Liao (East Carolina University), Scott Dellana (East Carolina University), Mauro Falasca (East Carolina University)

Supply Chain Leadership and Supply Resilience: the contingency role of Inter-Organizational Dependencies
Ishmael Nanaba Acquah (University of Education, Ghana), David Asamoah (Kwame Nkrumah University of Science and Technology), Dominic Essuman (University of Sheffield), Emmanuel Kweku Quansah (Solent University, Southampton)

The impact of diversity and inclusion on supply chain resilience and risk management
SHUCHENG MIAO (The Hong Kong Polytechnic University)

Investigating the Relationships among Supply Chain Resilience, Intellectual Capital, and Firm Performance
William Greer (Northeastern State University), Arun Madapusi (Northeastern State University)

341 Monday, Nov 25th, 2024, 1:00-2:30 p.m. | Grand Sonoran J   JW Marriott Desert Ridge Resort

SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Societal and Environmental Issues in Supply Chains

Societal and Environmental Issues in Supply Chains
Chair: Karthik Murali (Oregon State University)

Modern Slavery in Global Supply Chains
PRISCILLA ADDO ASAMANY (KNUST SCHOOL OF BUSINESS), Isaac Akurugu Apike (KNUST SCHOOL OF BUSINESS), Evans Addo Asamany (National Petroleum Authority, Ghana)

Success at the Bottom of Pyramid (BoP) - the case of an e-commerce startup in Rural India

Kuntal Bhattacharyya (Old Dominion University)

The Effect of ESG Information Uncertainty: Evidence from Analysts' Earning Forecasts Accuracy and Dispersion
Jing Wang (University of Padua)

The Effect of Sustainability Practices on Operational Slacks
Yabing Zhao (San Francisco State University), Zhuang Qian (Penn State University)

Parent Signaling and Patterns of Facility Greenwashing
IBTISAAMA AHMED (Georgia Southern University)

Monday, Nov 25th, 2024, 1:30-6:00 p.m.

342 Monday, Nov 25th, 2024, 1:30-6:00 p.m. | Desert Suite 7 JW Marriott Desert Ridge Resort

DSI Board of Directors Meeting
A meeting of the members of the DSI Board of Directors.
Chair: Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS))
Members: Anthony Ross (University of Missouri), David Dobrzykowski (University of Arkansas), Matthew Douglas Lindsey (Stephen F Austin State University), Ravi Srinivasan (Loyola University Maryland), Pedro Reyes (Baylor University), Khaled Alshare (Qatar University), Sabine Baumann (Berlin School of Economics and Law), Q Chung (Villanova University), Jason Deane (Virginia Tech), Marco Sartor (University of Udine), Kellie Keeling (University of Denver), Asil Oztekin (University of Massachusetts Lowell), Karen Eboch (Bowling Green State University)
Chair: **Vivian Landrum**, *Decision Sciences Institute*

Monday, Nov 25th, 2024, 2:50-4:20 p.m.

343 Monday, Nov 25th, 2024, 2:50-4:20 p.m. | Grand Canyon 3 JW Marriott Desert Ridge Resort

BEHAVIORAL OPERATIONS MANAGEMENT: Behavior in Operations and Supply Chain Management
The session features presentations from top emerging scholars whose work is based on different methods, topics and domains within behavioral operations.
Chair: Rafael Escamilla Gonzalez Aragon (Arizona State University)

Sustainable Operations' Human Resource Management Problem: Social Sustainability Investments as a Driver of Environmental Performance
Emily C Dickey (The University of Tennessee, Haslam College of Business)

Understanding planner biases during demand volatility

Anne Dohmen (Michigan State University)

Lean and Mean: The Unintended Consequences of Customer Pressure on Supplier Employee Well-Being
Rebekah Brau (Brigham Young University)

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Monday, Nov 25th, 2024, 2:50-4:20 p.m. | Grand Canyon 1   JW Marriott Desert Ridge Resort

BUSINESS ANALYTICS: Applications of Analytics
This session includes several state-of-the-art applications of analytics.
Chair: Mitra Lal Devkota (University of North Georgia)

Assessing the impact of various factors on a soccer player's performance.
Olajumoke Awe (Coastal Carolina University), Emmanuel Otubo (Coastal Carolina University)

Determinants of Customer Acceptance in Medical Device Remanufacturing: A Quantitative Analysis
Yashica Pandey (University of North Texas), Victor Prybutok (Department of Information Technology & Decision Sciences (ITDS))

Exploring Airline Customer Satisfaction Through Bayesian Causal Network Modeling
YONGGANG LU (The University of Maine)

The drivers of housing prices and the impact of schools: Evidence from Georgia
Mitra Lal Devkota (University of North Georgia), Eric B Howington (Valdosta State University)

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Monday, Nov 25th, 2024, 2:50-4:20 p.m. | Desert Suite 4   JW Marriott Desert Ridge Resort

CYBER SECURITY AND SYSTEM RESILIENCY: Quantum Computing: A New Ally in Optimizing Supply Chains
For increasingly complex logistical networks, quantum computing is a tool to enhance both supply chain optimization and resilience. On classical systems, optimizations over non-convex solution spaces are vulnerable to local minima. Quantum annealing can avoid this pitfall but has difficulty with large problem sizes. We employ a quantum annealing simulation package. This method, termed quantum annealing, presents a means to accelerate the determination of the global minimum in a solution space. Modern supply chains are subject to dynamics which can radically alter the solution landscape. Accelerated strategies, such as quantum annealing, present a means to respond to these dynamics.
Moderator: Zac Rogers (Colorado State University)
Panelists: Dale Stewart Rogers (Arizona State University), John Fowler (Arizona State University), Gil Speyer (Arizona State University), Torey Battelle (Arizona State University), Jeffrey Vah (Dell Inc.), Burns Healy (Dell Inc.)

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Monday, Nov 25th, 2024, 2:50-4:20 p.m. | Grand Sonoran D   JW Marriott Desert Ridge Resort

DATA, ANALYTICS AND STATISTICS INSTRUCTION: Caucus/Business Meeting
Business Meeting of participants in Data, Analytics and Statistics Instruction, DASI, to discuss DASI provided information on the DSI webpage, debrief about this year's DASI sessions and make plans for the future. This will include selection of individuals to provide leadership for DASI for next year.

Chairs: Robert Andrews (Virginia Commonwealth University), Kellie Keeling (University of Denver)

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Monday, Nov 25th, 2024, 2:50-4:20 p.m. | Desert Suite 2   JW Marriott Desert Ridge Resort

GIG ECONOMY AND SOCIAL MEDIA RESEARCH: Innovative Strategies for Engagement and Perception via Social Media

This session explores innovative approaches to understanding and improving engagement and perception through social media and individual values. Presentations in this session will cover machine learning techniques to boost student engagement on university social media, examine how Schwartz's individual values influence media use and task performance, and analyze the impact of sustainable practices on public sentiment towards fast fashion using Twitter data.

Chair: Masoumeh Shahsavari (Temple University)

Are Your Students Disengaged on University Social Media? A Machine Learning Approach to Improve Engagement

Atul Agarwal (University of Illinois Springfield), Neetu Singh (University of Illinois Springfield), Hasan Kartal (University of Illinois Springfield)

Exploring the Influence of Schwartz's Individual Values on Task Characteristics & Social Influence and its effect Media Use & Task Performance

Khendum Choden (Craig School of Business, Missouri Western State University), Meera Behera (Georgian Court University)

Tweets to Trends: Fast Fashion's Sustainable Shift and Brand Perception

Masoumeh Shahsavari (Temple University), Liangfei Qiu (Warrington College of Business, University of Florida), Subodha Kumar (Fox School of Business, Temple University)

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Monday, Nov 25th, 2024, 2:50-4:20 p.m. | Pinnacle Peak 2   JW Marriott Desert Ridge Resort

HEALTHCARE MANAGEMENT: Adoption of AI and Digitalization in Healthcare

Explore the transformative impact of AI in the pharmaceutical and healthcare sectors. This session delves into cutting-edge applications, including ensemble AI methods for adverse event detection, generative AI's role in drug discovery and safety, and the integration of AI and machine learning in real-time pharmacovigilance. Additionally, discover how predictive analytics powered by AI is revolutionizing hospital management by optimizing patient throughput and resource allocation. Learn about the significant improvements in accuracy, efficiency, and cost-effectiveness achieved through these innovations, and discuss the challenges and opportunities of integrating AI into these critical domains.

Chair: Yufei Huang (Trinity Business School, Trinity College Dublin)

Enhancing Patient Throughput Planning with AI-Driven Predictive Analytics

Berit Irene Helgheim (Molde University College), Agaraoli Aravazhi (Molde University College), Sivanesan M (Amrita Vishwa Vidyapeetham University)

Human and AI Collaboration - Incorporating Artificial Intelligence as an Enablement into Adverse Event Identification for Pharmacovigilance

Promit Roy (Trinity Business School, Trinity College Dublin), Yufei Huang (Trinity Business School, Trinity College Dublin)

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Monday, Nov 25th, 2024, 2:50-4:20 p.m. | Grand Canyon 13   JW Marriott Desert Ridge Resort

HUMANITARIAN OPERATIONS AND DISASTER MANAGEMENT: Role of Intra and Inter-organizational Characteristics in Humanitarian Operations

This session will feature presentations that examine how different intra and inter-organizational characteristics influence the operations of humanitarian and non-profit organizations.

Chair: Matilda Owusu Bio (KNUST School of Business)

Dynamics among stakeholders in responding to a disaster: from collaboration to competition.

Ahmed HAMDI (Rabat Business School - International University of Rabat), Tarik Saikouk (Excelia Business School - CERIIM), Soha Lahlali (Rabat Business School - International University of Rabat)

Factors Impacting Business Efficiency for Emergency Services

Thiagarajan Ramakrishnan (Prairie View A&M University), Mithu Bhattacharya (University of Detroit Mercy), Rajat Mishra (Stephen F. Austin State University), Samuel Fosso Wamba (Toulouse Business School, France)

Innovation novelty and performance of humanitarian organisations: boundary roles of innovation intensity and external communication

Matilda Owusu Bio (KNUST School of Business), Okyere Anim Barima (KNUST School of Business), Precious Chinonso Standhope (Anwiam Clinic, Kumasi)

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Monday, Nov 25th, 2024, 2:50-4:20 p.m. | Grand Canyon 12   JW Marriott Desert Ridge Resort

HUMANITARIAN OPERATIONS AND DISASTER MANAGEMENT: Social and Public Health in Disaster Management

This session explores the intricate landscape of social vulnerability and public health in the wake of disasters.

Chair: Llord Brooks (University of South Florida)

Assessing the Link Between Social Vulnerability and Housing Damage in Hurricane Michael

Christopher W Zobel (Virginia Tech), Andy Arnette (Virginia Tech), Yang Zhang (Virginia Tech), Louis Luangkesorn (American Red Cross), Michael Whitehead (American Red Cross)

Designing public procurement contracts for vaccine production capacity buildings against sudden outbreaks of novel diseases

Fuminori Toyasaki (York University), Hongmei Sun (University of Sheffield)

Does A Destined Soul Mate Exist?: Factors Influencing Big-Big Pharma Companies' Successful R&D Partnerships

Fuminori Toyasaki (York University), Can Baris Cetin (York University), Abigail Richard (University of Indianapolis), Manus Rungtusanatham (University of Cincinnati), Fauziya Yakasai (York University)

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Monday, Nov 25th, 2024, 2:50-4:20 p.m. | Grand Sonoran B   JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Digital Platform

The session focuses on the dynamics of digital platforms, examining topics such as online reputation and the influence of digital signals. Attendees will gain insights into best practices for developing and managing digital platforms.
Chair: Supavich (Fone) Pengnate (North Dakota State University)

Integrating Virtual Reality to Support Online Collaboration and Engagement
Supavich (Fone) Pengnate (North Dakota State University)

Online Reputation Signal Influence: Charitable Giving Amidst Crisis
Erin O'Brien (University at Buffalo), Raj Sharman (State University of New York at Buffalo), Cristian Tiu (University at Buffalo), Charles Lindsey (University at Buffalo), Yuxiang Jiang (Southwestern University of Finance and Economics), Pavan Mulgund (The University of Memphis)

The Use of Concurrent Systems Methodology to Analyze Complex Situations in Preparation for Digital Transformation
Scott Warren (University of North Texas), Brent Tincher (Lockheed Martin)

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Monday, Nov 25th, 2024, 2:50-4:20 p.m. | Grand Sonoran A   JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Innovative Perspectives and Emerging Trends in IT/IS Research and Applications

This session explores innovative perspectives and emerging trends in IT/IS research and applications. It invites contributions from various disciplines, focusing on cutting-edge developments, theoretical advancements, and practical implementations in the IT/IS field. Topics include but are not limited to, artificial intelligence, cybersecurity, data analytics, digital transformation, and information systems management. The session aims to foster interdisciplinary dialogue, highlight novel research methodologies, and discuss future directions and challenges in the IT/IS landscape. Researchers, practitioners, and academics are encouraged to share their insights and findings, promoting a comprehensive understanding of the evolving IT/IS environment.
Chair: Hanieh Javadi Khasraghi (University of Delaware)

Implementing and Evaluating an AI-powered Visual Decision Support System to Improve Antibiotic Usage Among Physicians with a Built-in Alert Warning System
Xuan Wang (University of Texas Rio Grande Valley), Tamer Oraby (The University of Texas Rio Grande Valley), Jose Campo Maldonado (University of Texas Rio Grande Valley), Akua Osei-Nkwantabisa (University of Texas Rio Grande Valley)

What happens when explanatory AI explains that it is racist?
Bahar Javadi Khasraghi (Texas Tech University), Eric Walden (Texas Tech University)

Leveraging Crowdsourcing and Generative AI for Enhanced Innovation and Collaborative Problem-Solving
Hanieh Javadi Khasraghi (University of Delaware)

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Monday, Nov 25th, 2024, 2:50-4:20 p.m. | Grand Sonoran C   JW Marriott Desert Ridge Resort

INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Technology Adoption

This session features papers discussing the factors influencing the adoption of new technologies. Attendees will gain insights into real-world applications, case studies, and future trends, providing a comprehensive understanding of how to effectively embrace technological advancements in their organizations.
Chair: Jaideep Motwani (Grand Valley State University)

Abstract Investigating Enterprise Resource Planning (ERP) Systems Adoption by Family-Owned Businesses.
Jean C. Essila (Grand Valley State University), Jaideep Motwani (Grand Valley State University), Asli Akbulut (Grand Valley State University)

Determinants of Electronic Document and Records Management System adoption and use in the Saint Vincent and the Grenadines' Public Sector
Darron Rodan John (National Dong Hwa University), Fang-Ming Hsu (National Dong Hwa University), Yuh-Jia Chen (National Dong Hwa University)

Personalities in the Digital Wallet: How Extraversion and Neuroticism Affect Mobile Payment Adoption
Chuleeporn Changchit (Texas A&M University - Corpus Christi), Long Pham (Texas A&M University - Corpus Christi), Robert Cutshall (Texas A&M University - Corpus Christi)

354 Monday, Nov 25th, 2024, 2:50-4:20 p.m. | Grand Canyon 9   JW Marriott Desert Ridge Resort

INNOVATION AND NEW PRODUCT DEVELOPMENT: Emerging Topics in Operational Innovation

This session explores cutting-edge developments in operational innovation. By integrating insights from operations management and strategic competition, this session provides a comprehensive overview of innovative approaches that contributing to the operations management.
Chair: Zenan Zhou (Arizona State University)

Fulfillment By Platform: Competition and Upstream Market Power
Amandeep Singh (University of Washington), Jiding Zhang (Arizona State University), Senthil Veeraraghavan (The Wharton School)

Managing Reputational Risk under Institutional Pressure
Kedong Chen (Rensselaer Polytechnic Institute), Yi-Su Chen (University of Michigan-Dearborn), Yuhong Li (Old Dominion University), Weiyong Zhang (Old Dominion University)

The Impact of Financial Incentives on Order Batching Behavior in the Context of On-Demand Last-Mile Delivery
Kevin Park (University of Dayton), Jaeyoung Kim (University of Dayton), Suhyung Lee (Korean Airports Corporation)

355 Monday, Nov 25th, 2024, 2:50-4:20 p.m. | Grand Canyon 11   JW Marriott Desert Ridge Resort

INNOVATIVE EDUCATION: Assessment of Learning and Outcomes Assessment

This session presents various projects on outcomes assessment and assessment of learning.
Chair: Craig Hill (Clayton State University)

Assessment of Undergraduate Students' Perceptions of Competency Development in Modernized Industrial Engineering Curriculum: a Case Study
Camila Kolling (Universidade Federal do Rio Grande do Sul), PAULA KVITKO DE MOURA (Federal University of Rio grande do Sul), Ana Cristina Ruoso (Universidade Federal do Rio Grande do Sul), Joyce Danielle Araújo (Phd Student), Maria Auxiliadora Cannarozzo Tinoco (Universidade Federal do Rio Grande do Sul), Camila Costa Dutra (Federal University of Rio Grande do Sul), Joana Siqueira de Souza (Universidade Federal do Rio

Grande do Sul), Ricardo Augusto Cassel (Universidade Federal do Rio Grande do Sul)

The Self-Inflicted Wounds of Assessment Purgatory: Some Lessons to Learn
Keith Miller (Clayton State University), Craig Hill (Clayton State University), Antoinette Miller (Clayton State University)

356 Monday, Nov 25th, 2024, 2:50-4:20 p.m. | Grand Canyon 2   JW Marriott Desert Ridge Resort

MARKETING AND CONSUMER BEHAVIOR: Marketing and Operations Management Interface: The Implications of Consumer Behavior
This session comprises several topics on the implications of consumer behavior on operational decisions, such as pricing, channel design, service quality outcomes, and the impact of meditation on consumers' sensitivity to losses.
Chair: Binghan Kou (Arizona State University)

Familarity-Based Dynamic Pricing with Hierarchical Bayes Estimation of Customer Choices
Binghan Kou (Arizona State University), Hongmin Li (Arizona State University), Yuqi Yang (Arizona State University)

Revenue Management, Loyalty Program, and Online Travel Agency in Hotel Chains
Shuxian Xiao (University at Buffalo), Charles X. Wang (University at Buffalo, School of Management), Mike Wei (University at Buffalo)

Meditation: A Tool to Influence Loss Aversion?
Carola Grebitus (Arizona State University), Nilufer Cetik (Arizona State University)

Perspective Taking and Service Quality Outcomes
Lei Wang (University of Texas, Rio Grande Valley), Chiquan Guo (University of Texas, Rio Grande Valley), Wenjing Li (Dongbei University of Finance & Economics), Grace Dagher (Lebanese American University Beirut Campus), Mark L Kroll (University of Texas, Rio Grande Valley)

357 Monday, Nov 25th, 2024, 2:50-4:20 p.m. | Desert Suite 3   JW Marriott Desert Ridge Resort

Professor of Practice Showcase Presentations
This session highlights the studies submitted fr the "Professor of Practice Showcase."
Chair: Ulrich Schmelzle (Michigan Technological University)

Challenges when adapting your teaching approach in the AI era
Ulrich Schmelzle (Michigan Technological University), Junhong Min (Michigan Tech Univeristy)

Make Students Think
Roger Woods (Michigan Technological University)

358 Monday, Nov 25th, 2024, 2:50-4:20 p.m. | Desert Suite 8   JW Marriott Desert Ridge Resort

STRATEGIC MANAGEMENT AND ENTREPRENEURSHIP: Trust Building in Supply Chain Management

The presentations will examine the role of AI and personality in impacting trust-development in SCM. Conceptual models will be discussed along with preliminary results from the data.

Chair: Rajeev Sawhney (Western Illinois University)

Developing Trust in Supply Chains - Exploring the Role of Personality

Rajeev Sawhney (Western Illinois University), Sabita Sawhney (Maharishi University of Management)

The role and challenges of AI in value co-creation from the perspective of agency theory

Pei-Chen Chen (Tainan University of Technology), Ming-Chao Wang (Yuan Ze University)

Navigating the Evolution of Artificial Intelligence Towards Technological Singularity: Exploring the Role of Trust

Anjum Razzaque (Western Illinois University, Macomb, Illinois), George Mangalaraj (Western Illinois University)

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Monday, Nov 25th, 2024, 2:50-4:20 p.m. | Grand Sonoran I   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: Current Trends and Issues in Supply Chain Management

This session invites research works on various topics related the current changes and trends in supply chain management. Topics include sourcing decisions in global supply chains, technology adoption, industrial paradigm shifts (e.g., Industry 5.0), and sustainability.

Chair: Muhammad Hasan Ashraf (California State University Long Beach)

Reconsideration of outsourcing decision of an original equipment manufacturer in global supply chain

Jiayuan Zhang (University of Wisconsin-Whitewater), Yuwen Chen (University of Rhode Island)

How the Role of Logistics and Warehousing Changes from Industry 4.0 to Industry 5.0

Maling Ebrahimpour (University of Rhode Island)

Blockchain Technology Adoption in Supply Chain Management: A Network Effect Theory Approach

Mahtab Kouhizadeh Kouhizadeh (University of Rhode Island)

Investigating the Instrumental Approach of the TBL Interactions of Sustainability via the Concept of Ambidexterity

Muhammad Hasan Ashraf (California State University Long Beach), Gawon Yun (Missouri State University), Mehmet Gokhan Yalcin (The University of Rhode Island)

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Monday, Nov 25th, 2024, 2:50-4:20 p.m. | Grand Sonoran H   JW Marriott Desert Ridge Resort

SUPPLY CHAIN MANAGEMENT: Supply Chain Relationships, Communications, and Performance

Supply chain relationships encompass the connections and interactions among diverse entities in the supply chain network, such as suppliers, manufacturers, distributors, retailers, and customers. Smooth operations and coordination within the supply chain rely heavily on effective communication. Supply chain performance evaluates how effectively the supply chain meets its goals in terms of cost, quality, responsiveness, flexibility, and customer satisfaction. Together, these elements—relationships, communications, and performance—are interconnected and crucial to the success and competitiveness of supply chain operations. Managing these areas effectively is essential for achieving operational excellence and meeting customer expectations in the dynamic business landscape of today.

Chair: Ryan Choi (Eastern Michigan University)

An Analysis of Coopetition Model with Product Information Disclosure in the Supply Chain
Junhyun Bae (Oakland University), Jiho Yoon (Chung-Ang University), Ryan Choi (Eastern Michigan University), Ju Myung Song (University of Massachusetts Lowell), Kelly Eunjung Yoon (California State University Los Angeles)

Optimizing Buyer-Supplier Communication Structures for Enhanced New Product Development Success
Jaeyoung Oh (Central washington university), Joonhwan In (Chung-Ang University)

Perversely-Incentivized Social Innovation: A Pass-Through Model of Financial Incentives for Social Enterprises
Ryan Choi (Eastern Michigan University), Sang-Joon Kim (Ewha Womans University), Junhyun Bae (Oakland University)

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Monday, Nov 25th, 2024, 2:50-4:20 p.m. | Grand Sonoran K   JW Marriott Desert Ridge Resort

SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Empirical Research in Sustainable Operations and Supply Chain Management

This session includes research presentations that examine a broad range of issues related to sustainable operations and supply chain management.

Chair: Jie Lian (The University of Oklahoma)

The Race to Green: Evaluating Buyer Influence and Competitive Pressure on Supplier Responses to Environmental Performance Gaps
Dustin Cole (Auburn University), Hung-Chung Su (University of Michigan-Dearborn), Wayne Fu (University of Michigan-Dearborn)

A Procurement Advantage in Disruptive Times: New Perspectives on ESG Strategy and Firm Performance
WENTING LI (Arizona State University - Tempe, AZ), Yimin Wang (Arizona State University)

Mandatory Environmental Disclosure and Environmental Performance
Jie Lian (The University of Oklahoma), Yan Dong (University of South Carolina), Keith Skowronski (University of South Carolina), Sining Song (University of Maryland)

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Saturday November 23, 2024

Room	7:00am	8:00am	9:00am	10:00am	11:00am	12:00pm	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm	6:00pm	7:00pm
JW Marriott Desert Ridge Resort Level 1 Ballroom Lawn													**6:30p - 7:30p** RECEPTION: DSI 55th Annual Conference Welcome Reception
JW Marriott Desert Ridge Resort Desert Botanical Garden							**1:00p - 2:30p** DOCTORAL CONSORTIA LUNCHEON: Luncheon for Doctoral Consortia Participants						
JW Marriott Desert Ridge Resort Level 2 Desert Suite 2		**8:00a - 9:30a** SHOWCASE: Emerging Economies Showcase - Institutionl Environments and Organizational Relationships		**10:00a - 11:30a** SHOWCASE: Emerging Economies Showcase - Energy Investments			**1:00p - 2:30p** SHOWCASE: Emerging Economies Showcase - Finalists			**4:30p - 6:00p** SHOWCASE: Doctoral Research Showcase - Healthcare and Technological Innovation			
JW Marriott Desert Ridge Resort Level 2 Desert Suite 3		**8:00a - 9:30a** PROJECT MANAGEMENT: Organizational Behavior and Learning in Project Management		**10:00a - 11:30a** CYBER SECURITY AND SYSTEM RESILIENCY: Personal Cybersecurity			**1:00p - 2:30p** QUALITY MANAGEMENT AND LEAN OPERATIONS: Modeling Applications and Other Miscellaneous Quality Related Topics			**4:30p - 6:00p** MANUFACTURING MANAGEMENT: Manufacturing Efficiency and Supply Chain Risk			
JW Marriott Desert Ridge Resort Level 2 Desert Suite 4		**8:00a - 9:30a** HEALTHCARE MANAGEMENT: Innovative Applications of AI in Healthcare Diagnosis and Monitoring		**10:00a - 11:30a** MANUFACTURING MANAGEMENT: Manufacturing Practice and Transformation			**1:00p - 2:30p** DECISION SCIENCES IN PRACTICE: AI Applications: Exploring Innovative Integrations and Risk Evaluations			**4:30p - 6:00p** DECISION SCIENCES IN PRACTICE: Analytical Methods in Practice			
JW Marriott Desert Ridge Resort Level 2 Desert Suite 5		**8:00a - 9:30a** INDUSTRIAL AND SYSTEMS ENGINEERING: Innovations and Emerging Trends		**10:00a - 11:30a** GIG ECONOMY AND SOCIAL MEDIA RESEARCH: Navigating Transitions and Efficiency in Education and the Gig Economy			**1:00p - 2:30p** Predictive Analytics in an Interactive No Code Environment			**4:30p - 6:00p** INDUSTRIAL AND SYSTEMS ENGINEERING: The Semiconductor Industry- Addressing Today's Challenges and Shaping Tomorrow			
JW Marriott Desert Ridge Resort Desert Suite 6				**10:00a - 11:30a** DISRUPTION & RESILIENCY SIG WORKSHOP: Exploring New Research Problems around Extreme Snowfall Events			**1:00p - 2:30p** Pearson Focus Group						

Saturday November 23, 2024

Location	7:00am	8:00am	9:00am	10:00am	11:00am	12:00pm	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm	6:00pm	7:00pm
JW Marriott Desert Ridge Resort Level 2 Desert Suite 7				**10:00a - 11:30a** OPERATIONS FINANCE INTERFACE AND ACCOUNTING: Economics and Finance - Supply Chain			**1:00p - 2:30p** OPERATIONS FINANCE INTERFACE AND ACCOUNTING: Peer-to-Peer Trading, Crowdfunding, and Cryptocurrency in Operations-Finance Interface				**4:30p - 6:00p** CYBER SECURITY AND SYSTEM RESILIENCY: Cybersecurity Practice and Policy: Part 1	
JW Marriott Desert Ridge Resort Level 2 Desert Suite 8		**8:00a - 9:30a** STRATEGIC MANAGEMENT AND ENTREPRENEURSHIP: Strategic Innovations for Sustainable Development and Performance Enhancement		**10:00a - 11:30a** STRATEGIC MANAGEMENT AND ENTREPRENEURSHIP: Disruptive Technology: Empowerment, Innovations, and Security			**1:00p - 2:30p** STRATEGIC MANAGEMENT AND ENTREPRENEURSHIP: Strategic Decision-Making and Performance in Organizational Contexts				**4:30p - 6:00p** STRATEGIC MANAGEMENT AND ENTREPRENEURSHIP: Topics in Operations-Strategy Interface	
JW Marriott Desert Ridge Resort Level 1 Grand Canyon 1		**8:00a - 9:30a** DIVERSITY, EQUITY AND INCLUSION: Navigating Diversity in Modern Supply Chains		**10:00a - 11:30a** AWARDS: DSJ Best Papers Award			**1:00p - 2:30p** DIVERSITY, EQUITY AND INCLUSION: Data-driven Solutions for Operational Equity				**4:30p - 6:00p** DIVERSITY, EQUITY AND INCLUSION: Inclusive Excellence: Overcoming Barriers in Innovation and Supply Chain Management	
JW Marriott Desert Ridge Resort Level 1 Grand Canyon 10		**8:00a - 9:30a** ROLE OF AI AND TECHNOLOGY IN THE CLASSROOM: AI as a Teaching Tool in Business School Curriculum (I)		**10:00a - 11:30a** ROLE OF AI AND TECHNOLOGY IN THE CLASSROOM: Learning Outcomes and Perspectives of AI in Business Education (I)			**1:00p - 2:30p** WORKSHOP: Meet the Editors of DSI Journals				**4:30p - 6:00p** ROLE OF AI AND TECHNOLOGY IN THE CLASSROOM: AI in the Business Curriculum	
JW Marriott Desert Ridge Resort Level 1 Grand Canyon 11		**8:00a - 9:30a** INNOVATIVE EDUCATION: Innovative Cases for Exploratory Data Analytics		**10:00a - 11:30a** WORKSHOP: Big Data Algorithm for Theory Building: Advice and Caution			**1:00p - 2:30p** INNOVATIVE EDUCATION: Soft Skills in Business Schools				**4:30p - 6:00p** INNOVATIVE EDUCATION: Teaching Supply Chain Management	
JW Marriott Desert Ridge Resort Level 1 Grand Canyon 12		**8:00a - 9:30a** LOGISTICS AND TRANSPORTATION MANAGEMENT: Economics of Logistics and Transportation		**10:00a - 11:30a** HUMANITARIAN OPERATIONS AND DISASTER MANAGEMENT: Digital Technologies and Innovation in Humanitarian Operations			**1:00p - 2:30p** HUMANITARIAN OPERATIONS AND DISASTER MANAGEMENT: Humanitarian and Behavioral Operations				**4:30p - 6:00p** HUMANITARIAN OPERATIONS AND DISASTER MANAGEMENT: Leadership and Organizational Characteristics in Humanitarian Operations	
JW Marriott Desert Ridge Resort Level 1 Grand Canyon 13		**8:00a - 9:30a** PROCUREMENT AND SOURCING: Recent Developments in Procurement and Sourcing		**10:00a - 11:30a** PROCUREMENT AND SOURCING: Ethics and Justice in Supplier Management			**1:00p - 2:30p** PROCUREMENT AND SOURCING: Issues in Procurement				**4:30p - 6:00p** PROCUREMENT AND SOURCING: Empirical Research in Supply Chain Management	

Saturday November 23, 2024

	7:00am	8:00am	9:00am	10:00am	11:00am	12:00pm	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm	6:00pm	7:00pm
JW Marriott Desert Ridge Resort Grand Canyon 2		**8:00a - 9:30a** BUSINESS ANALYTICS: Analytics in Academic Research and Teaching		**10:00a - 11:30a** BUSINESS ANALYTICS: Machine Learning for Societal Gains			**1:00p - 2:30p** BUSINESS ANALYTICS: Novel Topics in AI				**4:30p - 6:00p** BUSINESS ANALYTICS: New Developments in Analytics		
JW Marriott Desert Ridge Resort Level 1 Grand Canyon 3		**8:00a - 9:30a** BEHAVIORAL OPERATIONS MANAGEMENT: Impact of AI on People's Behavior		**10:00a - 11:30a** BEHAVIORAL OPERATIONS MANAGEMENT: Behavioral Aspects of Retailing			**1:00p - 2:30p** BEHAVIORAL OPERATIONS MANAGEMENT: Performance and Leadership				**4:30p - 6:00p** BEHAVIORAL OPERATIONS MANAGEMENT: HR sustainability in a Digitalization Era		
JW Marriott Desert Ridge Resort Level 1 Grand Canyon 4		**8:00a - 9:30a** BUSINESS ANALYTICS: Online Platform Analytics		**10:00a - 11:30a** AGRICULTURAL AND FOOD SUPPLY CHAINS: Agricultural Policies and their Impacts			**1:00p - 2:30p** INNOVATIVE EDUCATION: Teaching Business Analytics				**4:30p - 6:00p** SCHOLARSHIP OF TEACHING AND LEARNING (SOTAL): Understanding expectations for teaching/clinical faculty		
JW Marriott Desert Ridge Resort Level 1 Grand Canyon 5		**8:00a - 9:30a** SUPPLY CHAIN RISK AND RESILIENCY: Regionalization and Reshoring: Current Trends in Global Supply Chains		**10:00a - 11:30a** SUPPLY CHAIN RISK AND RESILIENCY: Resilience across the Supply Chain: Investigating the Role of Suppliers			**1:00p - 2:30p** SUPPLY CHAIN RISK AND RESILIENCY: Adaptation Strategies for Enhancing Supply Chain Resilience				**4:30p - 6:00p** PROJECT MANAGEMENT: Managing Project Through Leveraging Disruptive Technologies		
JW Marriott Desert Ridge Resort Grand Canyon 6 - 7	**7:30a - 8:00a** MEAL: Saturday Breakfast sponsored by Rutgers Business School		**9:30a - 10:00a** COFFEE BREAK: Co-sponsored by Cengage and Boston College			**11:30a - 1:00p** MEAL: Saturday Lunch On Your Own			**2:30p - 2:50p** COFFEE BREAK: Co-sponsored by Cengage and Penn State Erie				
JW Marriott Desert Ridge Resort Grand Canyon 8			**9:00a - 5:00p** PLACEMENT SERVICES: Saturday 9am to 5pm										

Saturday November 23, 2024

	7:00am	8:00am	9:00am	10:00am	11:00am	12:00pm	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm	6:00pm	7:00pm
JW Marriott Desert Ridge Resort Level 1 Grand Canyon 9		**8:00a - 9:30a** INNOVATION AND NEW PRODUCT DEVELOPMENT: Sustainable Practices and Strategic Innovations		**10:00a - 11:30a** INNOVATION AND NEW PRODUCT DEVELOPMENT: Social Dynamics in Product Development			**1:00p - 2:30p** INNOVATION AND NEW PRODUCT DEVELOPMENT: Technologies and Innovation in Supply Networks				**4:30p - 6:00p** INNOVATION AND NEW PRODUCT DEVELOPMENT: Innovation and Recent Advancements in Supply Chain and Operations Management		
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran A		**8:00a - 9:30a** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Designing Trustworthy Semi-Autonomous Information Systems		**10:00a - 11:30a** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Societal Impact			**1:00p - 2:30p** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Management and Applications of Mobile and Computation Technologies				**4:30p - 6:00p** SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Emerging Topics in Sustainable Operations		
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran B		**8:00a - 9:30a** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: AI and Organizations 1		**10:00a - 11:30a** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: AI Adoption and Integration			**1:00p - 2:30p** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: AI and Organizations 2				**4:30p - 6:00p** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Emerging Technology: Blockchain and Virtual Reality		
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran C		**8:00a - 9:30a** EARLY CAREER FACULTY DEVELOPMENT CONSORTIUM: Introductions and Become an Effective Teacher	**9:50a - 10:35a** EARLY CAREER FACULTY DEVELOPMENT CONSORTIUM: Develop Research Streams		**11:25a - 12:00p** EARLY CAREER FACULTY DEVELOPMENT CONSORTIUM: Balancing Act and Conclusions		**1:00p - 2:30p** SUPPLY CHAIN RISK AND RESILIENCY: Empirical Research in Supply Chain Disruptions and Resilience				**4:30p - 6:00p** SUPPLY CHAIN MANAGEMENT: Research in Supply Chain		
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran C					**10:35a - 11:20a** EARLY CAREER FACULTY DEVELOPMENT CONSORTIUM: Industry Engagement								
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran D		**8:00a - 9:30a** DATA, ANALYTICS AND STATISTICS INSTRUCTION: DASI Welcome and Overview of DASI Activities		**10:00a - 11:30a** DATA, ANALYTICS AND STATISTICS INSTRUCTION: Experiences with Preparatory and Ongoing Support for Student Learning			**1:00p - 2:30p** DATA, ANAYLYTICS AND STATISTICS INSTRUCTION (DASI): What is the Role of Hypothesis Testing and other Statistical Procedures in Analytics Instruction?			**2:50p - 4:20p** DATA, ANALYTICS AND STATISTICS INSTRUCTION: Preparing Students with Vital Skills for Success as Data Analysis Professionals	**4:30p - 6:00p** DATA, ANALYTICS AND STATISTICS INSTRUCTION: Enhancing Excel Analysis Instruction with Software (R, Scrum & XLAnalyst)		

Saturday November 23, 2024

Room	7:00am	8:00am	9:00am	10:00am	11:00am	12:00pm	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm	6:00pm	7:00pm
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran E - 1		**8:00a - 9:30a** COMMITTEE MEETING: Member Services Committee		**10:00a - 11:30a** BOARD MEETING: European DSI Board Meeting			**1:00p - 2:30p** COMMITTEE MEETING: Information Management Committee						
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran E - 2				**10:00a - 11:30a** BOARD MEETING: Southeast DSI Board Meeting			**1:00p - 2:30p** BOARD MEETING: Northeast DSI Board Meeting						
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran F								**2:50p - 4:20p** KEYNOTE: EV Revolution: Why Supply Chains Must Adapt or Die		**4:30p - 6:00p** SUPPLY CHAIN RISK AND RESILIENCY: Insights from Practitioners on Risk and Resilience - Current Trends, Challenges & Developments			
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran G		**8:30a - 9:15a** DOCTORAL CONSORTIUM: Publication Strategies in Top Journals	**9:30a - 10:15a** DOCTORAL CONSORTIUM: Transitioning from a PhD student to a Professor	**10:30a - 11:15a** DOCTORAL CONSORTIUM: Writing an Introduction									
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran G					**11:15a - 12:00p** DOCTORAL CONSORTIUM: Meet the Faculty!								
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran H		**8:00a - 9:30a** AWARDS: DSI Chapter Best Paper Award First Session		**10:00a - 11:30a** AWARDS: Best Teaching Case Studies Award Competition			**1:00p - 2:30p** SHOWCASE: Doctoral Research Showcase - ESG			**4:30p - 6:00p** SUPPLY CHAIN MANAGEMENT: Global Supply Chain Management			

Saturday November 23, 2024

	7:00am	8:00am	9:00am	10:00am	11:00am	12:00pm	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm	6:00pm	7:00pm
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran I		**8:00a - 9:30a** WORKSHOP: Blockchain and Web 3.0 Part 1		**10:00a - 11:30a** WORKSHOP: Blockchain and Web 3.0 Part 2			**1:00p - 2:30p** SUPPLY CHAIN MANAGEMENT: Emerging Technologies in Supply Chains				**4:30p - 6:00p** SUPPLY CHAIN MANAGEMENT: Studies in Supply Chain Sustainability		
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran J		**8:00a - 9:30a** SUPPLY CHAIN MANAGEMENT: Service Operations		**10:00a - 11:30a** SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Environmental Operations			**1:00p - 2:30p** SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Sustainability and Social Responsibility in Supply Chains				**4:30p - 6:00p** SUPPLY CHAIN MANAGEMENT: Collaboration and Innovation in Supply Chains		
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran K		**8:00a - 9:30a** SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Sustainability in Supply Chains		**10:00a - 11:30a** WORKSHOP: Meet the Journal Editors			**1:00p - 2:30p** SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Sustainability in Supply Chains II				**4:30p - 6:00p** SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBIlITY: AI and Informatics in Sustainability		
JW Marriott Desert Ridge Resort Level 2 Pinnacle Peak 1		**8:00a - 9:30a** HEALTHCARE MANAGEMENT: Data and Innovation in Healthcare Design		**10:00a - 11:30a** HEALTHCARE MANAGEMENT: Enhancing Healthcare Delivery via Telemedicine			**1:00p - 2:30p** HEALTHCARE MANAGEMENT: Improving Patient Outcomes Through Timely Care Practices				**4:30p - 6:00p** HEALTHCARE MANAGEMENT: Telehealth and Digitalization		
JW Marriott Desert Ridge Resort Level 2 Pinnacle Peak 2		**8:00a - 9:30a** HEALTHCARE MANAGEMENT: Special Topic - Cancer and Palliative Care Programs		**10:00a - 11:30a** HEALTHCARE MANAGEMENT: Healthcare Workforce and Hospital Performance			**1:00p - 2:30p** HEALTHCARE MANAGEMENT: Improving Health Care Quality through Enhanced Technology Adoption and Accessibility				**4:30p - 6:00p** HEALTHCARE MANAGEMENT: Demand and Capacity Management in Healthcare		
JW Marriott Desert Ridge Resort Level 2 Pinnacle Peak 3		**8:00a - 9:30a** SUPPLY CHAIN MANAGEMENT: Managing Supplier Relationships		**10:00a - 11:30a** SERVICE SYSTEMS AND OPERATIONS: Panel: Motivating Technology Management Research at the Operations Management Interface			**1:00p - 2:30p** HEALTHCARE MANAGEMENT: Using EHR for data-informed healthcare delivery				**4:30p - 6:00p** WORKSHOP: Meet the DSJ Department Editors		
JW Marriott Desert Ridge Resort Level 1 Wildflower Terrace											**5:00p - 6:00p** RECEPTION: New Member Welcome Reception		

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Sunday November 24, 2024

Room	8:00a – 9:30a	1:00p – 2:30p	2:50p – 4:20p	4:30p – 6:00p
JW Marriott Desert Ridge Resort Level 2 Desert Suite 2	DISRUPTION & RESILIENCY SIG: Annual Business Meeting	SHOWCASE: Doctoral Research Showcase - Sustainability	WORKSHOP: Adding Value to Operations Management and Supply Chain Management Programs	SHOWCASE: Doctoral Research Showcase - Finalists
JW Marriott Desert Ridge Resort Level 2 Desert Suite 3	DECISION SCIENCES IN PRACTICE: Sport Analytics	DECISION SCIENCES IN PRACTICE: Empirical Methods in Practice	PROJECT MANAGEMENT: Agile Project Management: Enriching Practice-Oriented Approach with Theory for Sustainable Development	MANUFACTURING MANAGEMENT: Manufacturng Operations
JW Marriott Desert Ridge Resort Level 2 Desert Suite 4	INNOVATION AND NEW PRODUCT DEVELOPMENT: Supply Chain Innovation	INNOVATION AND NEW PRODUCT DEVELOPMENT: Innovation – Current State and Future Opportunities for OM/SCM Researchers	INNOVATION AND NEW PRODUCT DEVELOPMENT: Supply Network and Innovation	INNOVATION AND NEW PRODUCT DEVELOPMENT: Green Innovation, Machine Learning, and IT Investments
JW Marriott Desert Ridge Resort Level 2 Desert Suite 5	Cengage Focus Group	INDUSTRIAL AND SYSTEMS ENGINEERING: Synergizing Silos: Unleashing Potential at the Intersection of Business and Engineering	MANUFACTURING MANAGEMENT: Contemporary Issues in High-tech Manufacturing Operations	QUALITY MANAGEMENT AND LEAN OPERATIONS: Turbulence in Quality: The Ongoing Struggles of Companies
JW Marriott Desert Ridge Resort Desert Suite 6	Special Session Presented by DSI Fellows - Decision Sciences to Address Global Challenges	SUPPLY CHAIN RISK AND RESILIENCY: Charting the Future: Advancing Research in Supply Chain Risk and Resilience	Building Technical Agility Skills: A Hands-On Approach to Teaching Business Analytics	
JW Marriott Desert Ridge Resort Level 2 Desert Suite 7	CYBER SECURITY AND SYSTEM RESILIENCY: Cybersecurity Practice and Policy: Part 2	OPERATIONS FINANCE INTERFACE AND ACCOUNTING: Operations Management and Consumer Behaviors	OPERATIONS FINANCE INTERFACE AND ACCOUNTING: Financial Accounting and Planning	OPERATIONS FINANCE INTERFACE AND ACCOUNTING: Sustainability and Climate Change
JW Marriott Desert Ridge Resort Level 2 Desert Suite 8	CYBER SECURITY AND SYSTEM RESILIENCY: Transformative Potential of Cyber-resilience	STRATEGIC MANAGEMENT AND ENTREPRENEURSHIP: Digital Innovations and Entrepreneurial Opportunities	STRATEGIC MANAGEMENT AND ENTREPRENEURSHIP: Operational Strategies for Innovative Products and Services	STRATEGIC MANAGEMENT AND ENTREPRENEURSHIP: Strategic Responses to Contemporary Business Challenges

Sunday November 24, 2024

Location	6:00am	7:00am	8:00am	9:00am	10:00am	11:00am	12:00pm	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm	6:00pm	7:00pm	8:00pm

JW Marriott Desert Ridge Resort Level 1 Grand Canyon 1
- 8:00a - 9:30a — DIVERSITY, EQUITY AND INCLUSION: Responsible Data Analytics with Artificial Intelligence
- 1:00p - 2:30p — DIVERSITY, EQUITY AND INCLUSION: Promoting Equity in Healthcare Supply Chains and Crowdfunding
- 2:50p - 4:20p — BUSINESS ANALYTICS: Social Media Analytics
- 4:30p - 6:00p — DIVERSITY, EQUITY AND INCLUSION: Equity in Action: Advancing Policy, Resilience, and Environmental Impact

JW Marriott Desert Ridge Resort Level 1 Grand Canyon 10
- 8:00a - 9:30a — AGRICULTURAL AND FOOD SUPPLY CHAINS: Technology in Agriculture
- 2:50p - 4:20p — ROLE OF AI AND TECHNOLOGY IN THE CLASSROOM: AI as a Teaching Tool in Business School Curriculum (II)
- 4:30p - 6:00p — AWARDS: DSI Chapter Best Paper Award Second Session

JW Marriott Desert Ridge Resort Level 1 Grand Canyon 11
- 8:00a - 9:30a — INNOVATIVE EDUCATION: Student Empowerment
- 1:00p - 2:30p — INNOVATIVE EDUCATION: Information Systems and Data Analytics
- 2:50p - 4:20p — INNOVATIVE EDUCATION: Teaching and Research in Teaching Focused Business Schools
- 4:30p - 6:00p — INNOVATIVE EDUCATION: Teaching Operations Management

JW Marriott Desert Ridge Resort Level 1 Grand Canyon 12
- 8:00a - 9:30a — LOGISTICS AND TRANSPORTATION MANAGEMENT: Transportation Optimization
- 1:00p - 2:30p — HUMANITARIAN OPERATIONS AND DISASTER MANAGEMENT: Topics in Humanitarian Operations and Disaster Resilience
- 2:50p - 4:20p — LOGISTICS AND TRANSPORTATION MANAGEMENT: Policy Issues in Logistics and Transportation
- 4:30p - 6:00p — HUMANITARIAN OPERATIONS AND DISASTER MANAGEMENT: Improving Operational Efficiency in Humanitarian Settings

JW Marriott Desert Ridge Resort Level 1 Grand Canyon 13
- 8:00a - 9:30a — PROCUREMENT AND SOURCING: Strategic Responses to Modern Business Dynamics
- 2:50p - 4:20p — PROCUREMENT AND SOURCING: JPSM-sponsored panel: Future Topics in Purchasing and Supply Management Research
- 4:30p - 6:00p — PROCUREMENT AND SOURCING: Shady Situations in Supply Chains - Research on Nefarious or Hidden Supply Chains

JW Marriott Desert Ridge Resort Grand Canyon 2
- 8:00a - 9:30a — WORKSHOP: Be part of GMRG - Data collection update and future activities
- 1:00p - 2:30p — BUSINESS ANALYTICS: Analytics and Fairness in Healthcare
- 2:50p - 4:20p — BUSINESS ANALYTICS: Data-Driven Models
- 4:30p - 6:00p — BUSINESS ANALYTICS: Applications of AI and more

JW Marriott Desert Ridge Resort Level 1 Grand Canyon 3
- 8:00a - 9:30a — BEHAVIORAL OPERATIONS MANAGEMENT: Behavioral Perspective of Operations: Adapting to a Changing World
- 1:00p - 2:30p — BEHAVIORAL OPERATIONS MANAGEMENT: Innovation in Behavioral Operations Management
- 2:50p - 4:20p — MARKETING AND CONSUMER BEHAVIOR: Privacy, Trust and Artificial Intelligence (AI)
- 4:30p - 6:00p — BEHAVIORAL OPERATIONS MANAGEMENT: Special Issues in Behavioral Operations Management

Sunday November 24, 2024

	6:00am	7:00am	8:00am	9:00am	10:00am	11:00am	12:00pm	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm	6:00pm	7:00pm	8:00pm
JW Marriott Desert Ridge Resort Level 1 Grand Canyon 4			**8:00a - 9:30a** BUSINESS ANALYTICS: Socially Important Analytics				**1:00p - 2:30p** AGRICULTURAL AND FOOD SUPPLY CHAINS: Food Delivery Platforms and their Impact on Industry			**2:50p - 4:20p** AGRICULTURAL AND FOOD SUPPLY CHAINS: Agricultural Logistics		**4:30p - 6:00p** BUSINESS ANALYTICS: Predictive Analytics Models			
JW Marriott Desert Ridge Resort Level 1 Grand Canyon 5			**8:00a - 9:30a** SUPPLY CHAIN RISK AND RESILIENCY: Analytical Approaches for Building Supply Chain Resilience				**1:00p - 2:30p** SUPPLY CHAIN RISK AND RESILIENCY: The Role of Technology and AI-driven Solutions for Building Supply Chain Resilience			**2:50p - 4:20p** SUPPLY CHAIN RISK AND RESILIENCY: Managing Internal Capabilities and Working Capital for Supply Chain Resilience		**4:30p - 6:00p** SUPPLY CHAIN RISK AND RESILIENCY: Risk and Disruption Management in Complex Supply Chains			
JW Marriott Desert Ridge Resort Grand Canyon 6 - 7		**7:30a - 8:00a** MEAL: Sunday Breakfast Co-sponsored by DSI, Ball State University and University of Minnesota		**9:30a - 10:00a** COFFEE BREAK: Co-sponsored by Cengage and Bowling Green State University		**11:30a - 1:00p** MEAL: Sunday Lunch On Your Own			**2:30p - 2:50p** COFFEE BREAK: Co-sponsored by Cengage and Ohio State University						
JW Marriott Desert Ridge Resort Grand Canyon 8				**9:00a - 5:00p** PLACEMENT SERVICES: Sunday 9am to 5pm											
JW Marriott Desert Ridge Resort Level 1 Grand Canyon 9			**8:00a - 9:30a** MARKETING AND CONSUMER BEHAVIOR: Product Returns, Reviews and Ratings				**1:00p - 2:30p** INNOVATION AND NEW PRODUCT DEVELOPMENT: Human Aspects, Sharing Economy, and Privacy Issues of Innovation and New Product Development			**2:50p - 4:20p** INNOVATION AND NEW PRODUCT DEVELOPMENT: Innovation Issues in Goods and Services		**4:30p - 6:00p** MARKETING AND CONSUMER BEHAVIOR: Technological Innovation			
JW Marriott Desert Ridge Resort Level 1 Grand Saguaro North and South														**6:30p - 7:00p** RECEPTION: President's Reception	

Sunday November 24, 2024

	6:00am	7:00am	8:00am	9:00am	10:00am	11:00am	12:00pm	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm	6:00pm	7:00pm	8:00pm
JW Marriott Desert Ridge Resort Level 1 Grand Saguaro North and South															**7:00p - 9:00p** DINNER BANQUET: DSI 55th Annual Dinner Banquet co-sponsored by Rutgers Business School and DSI
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran A			**8:00a - 9:30a** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Innovative Technologies and Human-AI Collaboration					**1:00p - 2:30p** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Algorithmic Advancement		**2:50p - 4:20p** SCHOLARSHIP OF TEACHING AND LEARNING SIG: Business Meeting	**4:30p - 6:00p** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: IT and Cultures			
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran B			**8:00a - 9:30a** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Adoption, Impact, and Usage of Generative AI 1					**1:00p - 2:30p** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Information and Communications Technology		**2:50p - 4:20p** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Adoption, Impact, and Usage of Generative AI 2	**4:30p - 6:00p** SUPPLY CHAIN MANAGEMENT: Emerging Topics in Logistics Management			
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran C			**8:00a - 9:30a** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Cybersecurity, Content Generation, LLMs and Online Burnout					**1:00p - 2:30p** SUPPLY CHAIN RISK AND RESILIENCY: Enhancing Supply Chain Resilience: The Role of Technology, Inter-Organizational Relationships, and Firms' Financial Power		**2:50p - 4:20p** SUPPLY CHAIN RISK AND RESILIENCY: Resilience in the Face of Disruption: Policy, Technology, and Strategic Dynamics in Supply Chains"	**4:30p - 6:00p** SUPPLY CHAIN RISK AND RESILIENCY: Responses to and Consequences of Disruptions			
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran D		**7:00a - 8:00a** Nondenominational Christian Fellowship						**1:00p - 2:30p** DATA, ANALYTICS AND STATISTICS INSTRUCTION: Enhancing Python Based Analysis Instruction		**2:50p - 4:20p** DATA, ANALYTICS AND STATISTICS INSTRUCTION: Discussion of Navigating the Line Between Cheating and Creative Use of AI Resources	**4:30p - 6:00p** DATA, ANALYTICS AND STATISTICS INSTRUCTION: Insights into Leveraging AI for Enhanced Instruction and Student Engagement			
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran D			**8:00a - 9:30a** DATA, ANALYTICS AND STATISTICS INSTRUCTION: Defining Class Expectations to Achieve Increased Student Capabilities											

Sunday November 24, 2024

	6:00am	7:00am	8:00am	9:00am	10:00am	11:00am	12:00pm	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm	6:00pm	7:00pm	8:00pm
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran E - 1							**1:00p - 2:30p** COMMITTEE MEETING: Publications Committee			**2:50p - 4:20p** COMMITTEE MEETING: Marketing Committee					
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran E - 2		**8:00a - 9:30a** BOARD MEETING: Western DSI Board Meeting					**1:00p - 2:30p** BOARD MEETING: Southwest DSI Board Meeting			**2:50p - 4:20p** COMMITTEE MEETING: DSI Fellow Committee		**4:30p - 6:00p** COMMITTEE MEETING: Conferences Committee			
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran F					**10:00a - 11:30a** KEYNOTE: AI and the Future of Business Research					**2:50p - 4:20p** SUPPLY CHAIN MANAGEMENT: Technology Management in Supply Chains					
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran G		**8:00a - 9:30a** AWARDS: Elwood S. Buffa Doctoral Dissertation Award Finalists					**1:00p - 2:30p** AWARDS: Instructional Innovation Award Competition				**4:00p - 5:00p** RECEPTION: DSI Journals Reception				
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran G												**5:00p - 6:00p** WORKSHOP: Magic for Professors			
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran H		**8:00a - 9:30a** SUPPLY CHAIN MANAGEMENT: Technological Innovations in Supply Chain Management					**1:00p - 2:30p** SUPPLY CHAIN MANAGEMENT: Supply Chain Finance			**2:50p - 4:20p** SUPPLY CHAIN MANAGEMENT: Innovations in Retail and Consumer Goods Supply Chains		**4:30p - 6:00p** SUPPLY CHAIN MANAGEMENT: Supply Chain Network Communication			

Sunday November 24, 2024

	6:00am	7:00am	8:00am	9:00am	10:00am	11:00am	12:00pm	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm	6:00pm	7:00pm	8:00pm
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran I		**8:00a - 9:30a** SUPPLY CHAIN MANAGEMENT: Supply Chain Contracting					**1:00p - 2:30p** SUPPLY CHAIN MANAGEMENT: Retail Supply Chains			**2:50p - 4:20p** SUPPLY CHAIN MANAGEMENT: Supply Chain Location Management		**4:30p - 6:00p** SUPPLY CHAIN MANAGEMENT: Advanced Strategies and Impactful Approaches in Supply Chain Management and Procurement Analytics			
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran J		**8:00a - 9:30a** SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: ESG studies in Operations and Supply Chain Management					**1:00p - 2:30p** SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Studies in Closed-loop Supply Chains			**2:50p - 4:20p** SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Socio-environmental Justice and Compliance		**4:30p - 6:00p** SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Sustainability practices across supply chains			
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran K		**8:00a - 9:30a** AWARDS: DSJIE Best Papers Award					**1:00p - 2:30p** SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Emerging Topics in Corporate Social Responsibility and Sustainability					**4:30p - 6:00p** SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Sustainable Procurement			
JW Marriott Desert Ridge Resort Level 2 Pinnacle Peak 1		**8:00a - 9:30a** HEALTHCARE MANAGEMENT: Online Engagement, Healthcare Innovation and Patient Engagement					**1:00p - 2:30p** HEALTHCARE MANAGEMENT: Healthcare Policy and System Impacts			**2:50p - 4:20p** HEALTHCARE MANAGEMENT: Online Health Communities and Text Analysis		**4:30p - 6:00p** HEALTHCARE MANAGEMENT: Predictive Models in Healthcare Operations			
JW Marriott Desert Ridge Resort Level 2 Pinnacle Peak 2							**1:00p - 2:30p** HEALTHCARE MANAGEMENT: Strategies and Impacts in Opioid Treatment and Recovery					**4:30p - 6:00p** HEALTHCARE MANAGEMENT: Using Data Analytics to Improve Healthcare Delivery			
JW Marriott Desert Ridge Resort Level 2 Pinnacle Peak 3		**8:00a - 9:30a** SERVICE SYSTEMS AND OPERATIONS: Delivery Operations					**1:00p - 2:30p** SERVICE SYSTEMS AND OPERATIONS: Cybersecurity and Technology in Healthcare			**2:50p - 4:20p** SERVICE SYSTEMS AND OPERATIONS: Customers Services and Satisfaction		**4:30p - 6:00p** SERVICE SYSTEMS AND OPERATIONS: Suppliers and Customers Services			

Monday November 25, 2024

	6:00am	7:00am	8:00am	9:00am	10:00am	11:00am	12:00pm	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm
JW Marriott Desert Ridge Resort Level 2 Desert Suite 2			**8:00a - 9:30a** PROJECT MANAGEMENT: Project Risks, Quality, and Performance		**10:00a - 11:30a** QUALITY MANAGEMENT AND LEAN OPERATIONS: Lean Applications			**1:00p - 2:30p** GIG ECONOMY AND SOCIAL MEDIA RESEARCH: Enhancing Work-Life Balance, Trust, and Fairness through Data and Decision-Making		**2:50p - 4:20p** GIG ECONOMY AND SOCIAL MEDIA RESEARCH: Innovative Strategies for Engagement and Perception via Social Media		
JW Marriott Desert Ridge Resort Level 2 Desert Suite 3			**8:00a - 9:30a** MANUFACTURING MANAGEMENT: Managing Manufacturing Processes in Supply Chains		**10:00a - 11:30a** MANUFACTURING MANAGEMENT: Emerging Issues in Manufacturing and Servicizing Supply Chains			**1:00p - 2:30p** INDUSTRIAL AND SYSTEMS ENGINEERING: Circular Economy and Sustainable Supply Chains		**2:50p - 4:20p** Professor of Practice Showcase Presentations		
JW Marriott Desert Ridge Resort Level 2 Desert Suite 4			**8:00a - 9:30a** DECISION SCIENCES IN PRACTICE: Decision Analysis in Practice: Innovative Approaches and Applications		**10:00a - 11:30a** DECISION SCIENCES IN PRACTICE: Frontiers in Supply Chain Practices			**1:00p - 2:30p** CYBER SECURITY AND SYSTEM RESILIENCY: Building Cyber Resilience and Trust in Digital Ecosystems		**2:50p - 4:20p** CYBER SECURITY AND SYSTEM RESILIENCY: Quantum Computing: A New Ally in Optimizing Supply Chains		
JW Marriott Desert Ridge Resort Level 2 Desert Suite 5			**8:00a - 9:30a** SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBIITY: Theories and Models of the Sustainable Supply Chain		**10:00a - 11:30a** SCHOLARSHIP OF TEACHING AND LEARNING SIG: How to Leverage your Teaching Effort into Pedagogical Research							
JW Marriott Desert Ridge Resort Level 2 Desert Suite 6			**8:00a - 9:30a** Preparing Students for Career Success with Python, Big Data, and Communication									
JW Marriott Desert Ridge Resort Level 2 Desert Suite 7					**10:00a - 11:30a** OPERATIONS FINANCE INTERFACE AND ACCOUNTING: Risk Management in Supply Chain Networks			**1:30p - 6:00p** DSI Board of Directors Meeting				
JW Marriott Desert Ridge Resort Level 2 Desert Suite 8			**8:00a - 9:30a** STRATEGIC MANAGEMENT AND ENTREPRENEURSHIP: Of Stakeholders & Knowledge in Decision-Making		**10:00a - 11:30a** STRATEGIC MANAGEMENT AND ENTREPRENEURSHIP: Legal, Financial, and Communication Dynamics in Entrepreneurship			**1:00p - 2:30p** STRATEGIC MANAGEMENT AND ENTREPRENEURSHIP: Sustaining Organizational and Professional Relevance Amidst Major Transitions		**2:50p - 4:20p** STRATEGIC MANAGEMENT AND ENTREPRENEURSHIP: Trust Building in Supply Chain Management		
JW Marriott Desert Ridge Resort Level 1 Grand Canyon 1			**8:00a - 9:30a** DIVERSITY, EQUITY AND INCLUSION: Addressing Inclusion of the Traditionally Marginalized and Community Equity		**10:00a - 11:30a** DIVERSITY, EQUITY AND INCLUSION: Tackling Multiple Dimensions of Diversity in Operations and Technology Management			**1:00p - 2:30p** DIVERSITY, EQUITY AND INCLUSION: Advancing DEI Through Social Impact		**2:50p - 4:20p** BUSINESS ANALYTICS: Applications of Analytics		
JW Marriott Desert Ridge Resort Level 1 Grand Canyon 10			**8:00a - 9:30a** ROLE OF AI AND TECHNOLOGY IN THE CLASSROOM: Learning Outcomes and Perspectives of AI in Business Education (II)		**10:00a - 11:30a** ROLE OF AI AND TECHNOLOGY IN THE CLASSROOM: AI and Academic Integrity			**1:00p - 2:30p** ROLE OF AI AND TECHNOLOGY IN THE CLASSROOM: Innovative Learning using AI				

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Monday November 25, 2024

Location	6:00am	7:00am	8:00am	9:00am	10:00am	11:00am	12:00pm	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm
JW Marriott Desert Ridge Resort Level 1 Grand Canyon 11			**8:00a - 9:30a** INNOVATIVE EDUCATION: Product, Process and Project Management		**10:00a - 11:30a** WORKSHOP: Teaching Business Statistics with R: Using Custom Packages and AI to Support Non-Coders			**1:00p - 2:30p** INNOVATIVE EDUCATION: Accounting Related Pedagogy		**2:50p - 4:20p** INNOVATIVE EDUCATION: Assessment of Learning and Outcomes Assessment		
JW Marriott Desert Ridge Resort Level 1 Grand Canyon 12			**8:00a - 9:30a** LOGISTICS AND TRANSPORTATION MANAGEMENT: Inventory and Warehousing Management		**10:00a - 11:30a** HUMANITARIAN OPERATIONS AND DISASTER MANAGEMENT: Emerging Topics in Humanitarian and Non-Profit Operations			**1:00p - 2:30p** LOGISTICS AND TRANSPORTATION MANAGEMENT: Urban Transportation and Last Mile Delivery		**2:50p - 4:20p** HUMANITARIAN OPERATIONS AND DISASTER MANAGEMENT: Social and Public Health in Disaster Management		
JW Marriott Desert Ridge Resort Level 1 Grand Canyon 13			**8:00a - 9:30a** WORKSHOP: Secondary Data for Sustainable Supply Chain and Operations Management Research		**10:00a - 11:30a** PROCUREMENT AND SOURCING: The Impact of Sustainability, Resilience, and Power Dynamics on Supply Chains			**1:00p - 2:30p** PROCUREMENT AND SOURCING: Studies in Global Sourcing		**2:50p - 4:20p** HUMANITARIAN OPERATIONS AND DISASTER MANAGEMENT: Role of Intra and Inter-organizational Characteristics in Humanitarian Operations		
JW Marriott Desert Ridge Resort Grand Canyon 2			**8:00a - 9:30a** BUSINESS ANALYTICS: Analytics Enabled Decision-making for Sustainability		**10:00a - 11:30a** BUSINESS ANALYTICS: Novel Tools in Analytics			**1:00p - 2:30p** MARKETING AND CONSUMER BEHAVIOR: Education and Sustainability in Supply Chain Management		**2:50p - 4:20p** MARKETING AND CONSUMER BEHAVIOR: Marketing and Operations Management Interface: The Implications of Consumer Behavior		
JW Marriott Desert Ridge Resort Level 1 Grand Canyon 3			**8:00a - 9:30a** MARKETING AND CONSUMER BEHAVIOR: Innovative Business Models		**10:00a - 11:30a** MARKETING AND CONSUMER BEHAVIOR: Macro Trends and Culture			**1:00p - 2:30p** BEHAVIORAL OPERATIONS MANAGEMENT: Sustainability in Behavioral Operations		**2:50p - 4:20p** BEHAVIORAL OPERATIONS MANAGEMENT: Behavior in Operations and Supply Chain Management		
JW Marriott Desert Ridge Resort Level 1 Grand Canyon 4			**8:00a - 9:30a** AGRICULTURAL AND FOOD SUPPLY CHAINS: Food Waste in Retail Operations		**10:00a - 11:30a** AGRICULTURAL AND FOOD SUPPLY CHAINS: Wastage and Risks in Agri-Food Supply Chains			**1:00p - 2:30p** AGRICULTURAL AND FOOD SUPPLY CHAINS: Enhancing Agricultural Operations				
JW Marriott Desert Ridge Resort Level 1 Grand Canyon 5			**8:00a - 9:30a** SUPPLY CHAIN RISK AND RESILIENCY: The Importance of Sustainability for Supply Chain Resilience		**10:00a - 11:30a** SUPPLY CHAIN RISK AND RESILIENCY: Building Resilience in Pharmaceutical and Healthcare Supply Chains			**1:00p - 2:30p** SUPPLY CHAIN RISK AND RESILIENCY: Drivers of Supply Chain Resilience: Organizational Culture and Leadership				
JW Marriott Desert Ridge Resort Grand Canyon 6 - 7		**7:30a - 8:00a** MEAL: Monday Breakfast Co-sponsored by Cengage and University of Massachusetts Lowell		**9:30a - 10:00a** COFFEE BREAK: Co-sponsored by Cengage and Indiana University								

Monday November 25, 2024

	6:00am	7:00am	8:00am	9:00am	10:00am	11:00am	12:00pm	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm
JW Marriott Desert Ridge Resort Grand Canyon 8				**9:00a - 12:00p** PLACEMENT SERVICES: Monday 9am to 12 noon								
JW Marriott Desert Ridge Resort Level 1 Grand Canyon 9			**8:00a - 9:30a** INNOVATION AND NEW PRODUCT DEVELOPMENT: Empirical Studies of Innovation in Operations Management		**10:00a - 11:30a** INNOVATION AND NEW PRODUCT DEVELOPMENT: Knowledge Management and Innovation			**1:00p - 2:30p** INNOVATION AND NEW PRODUCT DEVELOPMENT: Emerging Topics of Innovation and New Product Development		**2:50p - 4:20p** INNOVATION AND NEW PRODUCT DEVELOPMENT: Emerging Topics in Operational Innovation		
JW Marriott Desert Ridge Resort Level 1 Grand Saguaro North and South						**11:30a - 1:00p** CONFERENCE AWARDS LUNCHEON: DSI 2024 Conference Awards Luncheon						
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran A			**8:00a - 9:30a** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Data and Generative AI		**10:00a - 11:30a** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Empirical Modeling and Analytics in OM-IS Interface			**1:00p - 2:30p** SUPPLY CHAIN MANAGEMENT: Sustainable Transformations in Supply Chains		**2:50p - 4:20p** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Innovative Perspectives and Emerging Trends in IT/IS Research and Applications		
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran B			**8:00a - 9:30a** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Enhancing Decision-Making with AI and Data Analytics		**10:00a - 11:30a** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: AI and Risk Management			**1:00p - 2:30p** LOGISTICS AND TRANSPORTATION MANAGEMENT: Information Technology in Logistics and Transportation		**2:50p - 4:20p** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Digital Platform		
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran C			**8:00a - 9:30a** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Leveraging Advanced Analytics and AI for Enhanced Decision-Making in Complex Environments		**10:00a - 11:30a** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Digital Transformation & Decision Modeling			**1:00p - 2:30p** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Information Systems Research		**2:50p - 4:20p** INFORMATION TECHNOLOGY/INFORMATION SYSTEMS: Technology Adoption		
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran D			**8:00a - 9:30a** DATA, ANAYLYTICS AND STATISTICS INSTRUCTION: Understanding Industry Trends and Employer's Needs for Better Instruction		**10:00a - 11:30a** DATA, ANALYTICS AND STATISTICS INSTRUCTION: Evolution of Introductory Analytics and Management Science Instruction, plus Principles for AI & Big Data			**1:00p - 2:30p** DATA, ANALYTICS AND STATISTICS INSTRUCTION: Advice for and Experiences with Integrating AI into Courses		**2:50p - 4:20p** DATA, ANALYTICS AND STATISTICS INSTRUCTION: Caucus/Business Meeting		
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran E - 1			**8:00a - 9:30a** COMMITTEE MEETING: Professional Development Committee		**10:00a - 11:30a** BOARD MEETING: Midwest DSI Board Meeting							

Monday November 25, 2024

	6:00am	7:00am	8:00am	9:00am	10:00am	11:00am	12:00pm	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran E - 2			**8:00a - 9:30a** COMMITTEE MEETING: Chapter Presidents Meeting									
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran G		**7:00a - 8:00a** BUSINESS MEETING: DSI Annual Business Meeting										
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran G			**8:00a - 9:30a** DATA SCIENCE, MACHINE LEARNING & AI SIG - Business Meeting									
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran H			**8:00a - 9:30a** SUPPLY CHAIN MANAGEMENT: Disruptions Management and Supply Chains		**10:00a - 11:30a** SUPPLY CHAIN MANAGEMENT: Contemporary Inventory Management in Supply Chains			**1:00p - 2:30p** SUPPLY CHAIN MANAGEMENT: Emerging Topics in Supply Chain Management		**2:50p - 4:20p** SUPPLY CHAIN MANAGEMENT: Supply Chain Relationships, Communications, and Performance		
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran I			**8:00a - 9:30a** SUPPLY CHAIN MANAGEMENT: AI and Supply Chains							**2:50p - 4:20p** SUPPLY CHAIN MANAGEMENT: Current Trends and Issues in Supply Chain Management		
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran J			**8:00a - 9:30a** SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Emerging Topics in Socially Responsible Operations		**10:00a - 11:30a** SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Operations and Climate Change			**1:00p - 2:30p** SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Societal and Environmental Issues in Supply Chains				
JW Marriott Desert Ridge Resort Level 1 Grand Sonoran K					**10:00a - 11:30a** SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Pervasive Sustainable Operations: Bridging Income Inequality, Climate Innovation, and Environmental Policies			**1:00p - 2:30p** CYBER SECURITY AND SYSTEM RESILIENCY: Stratetgic Optimization of Supply Chains		**2:50p - 4:20p** SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY: Empirical Research in Sustainable Operations and Supply Chain Management		
JW Marriott Desert Ridge Resort Level 2 Pinnacle Peak 1					**10:00a - 11:30a** HEALTHCARE MANAGEMENT: Information Processing Approach to Healthcare			**1:00p - 2:30p** HEALTHCARE MANAGEMENT: Applications of AI and Optimization in Healthcare Operational Planning				

Monday November 25, 2024

	6:00am	7:00am	8:00am	9:00am	10:00am	11:00am	12:00pm	1:00pm	2:00pm	3:00pm	4:00pm	5:00pm
JW Marriott Desert Ridge Resort Level 2 Pinnacle Peak 2			**8:00a - 9:30a** HEALTHCARE MANAGEMENT: The Healthcare Supply Chain and Related Practices		**10:00a - 11:30a** HEALTHCARE MANAGEMENT: Understanding Health and Technology Intersections in Aging Populations			**1:00p - 2:30p** HEALTHCARE MANAGEMENT: Achieve Healthcare Operational Excellence through Technology Adoption and Engagement		**2:50p - 4:20p** HEALTHCARE MANAGEMENT: Adoption of AI and Digitalization in Healthcare		
JW Marriott Desert Ridge Resort Level 2 Pinnacle Peak 3			**8:00a - 9:30a** SERVICE SYSTEMS AND OPERATIONS: Optimization in Service Operations		**10:00a - 11:30a** SERVICE SYSTEMS AND OPERATIONS: Innovative Technologies			**1:00p - 2:30p** HEALTHCARE MANAGEMENT: Challenges in Healthcare Access and Performance				