Northeast Decision Sciences Institute

52nd Annual Conference

March 30 – April 1, 2023

Washington, DC Metro Area

RISK, RESILIENCE AND RECOVERY IN TURBULENT BUSINESS ENVIRONMENTS
NEDSI 2023

Northeast Decision Sciences Institute

52nd Annual Conference

RISK, RESILIENCE AND RECOVERY IN TURBULENT BUSINESS ENVIRONMENTS

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School of Business and Public Administration

University of the District of Columbia

March 30 – April 1, 2023

Washington, DC Metro Area
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** with concentrations in Logistics and International Trade, Management Information Systems, and Marketing
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More Information
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Dear NEDSI Members and Guests,

As the Chief Academic Officer of the University of the District of Columbia (UDC), the host institution of the 52\textsuperscript{nd} Annual Conference of the Northeast Decision Sciences Institute (NEDSI), I am pleased to welcome you to this special occasion. As the nation’s only public, urban land-grant, emerging research HBCU, UDC is committed to fostering academic excellence, collaborative research activities, and community engagement. Our recent announcement of becoming an AACSB-accredited university is evidence of our pursuit of excellence. These are significant reasons why UDC is excited to participate in this vital conference that brings together a diverse group of scholars, practitioners, and students in various business and education fields.

This year’s conference theme, “Risk, Resilience, and Recovery in Turbulent Business Environments,” illuminates the importance of decision sciences and data-driven decision-making across disciplines to achieve the best outcomes—especially needed in today’s dynamic business landscape. During the three days of the Conference, you can engage in stimulating presentations and discussions, share innovative ideas, and collaborate on cutting-edge research and pedagogical techniques.

The University recognizes the vital role that NEDSI plays in advancing knowledge and research and is honored to host this prestigious Conference. I wish you a productive and successful event on behalf of UDC’s administration, faculty, staff, students, trustees, alums, and the larger community.

Sincerely,

Lawrence T. Potter, Jr, Ph.D.
Chief Academic Officer
University of the District of Columbia
On behalf of the School of Business and Public Administration (SBPA), at the University of the District of Columbia, I am delighted to welcome you to our town for the 2023 Northeast Decision Sciences Institute (NEDSI) Annual Meeting, in Washington DC.

While watching from the sidelines, I have been observing, and I truly appreciate the hard and the delicate work of the organizing committee to piece together the intricate parts of the program, to craft a remarkable conference program.

We are honored and excited to be the host institution for the prestigious NEDSI conference, this year. It adds to and complements our AACSB accreditation, earned just a few weeks earlier. All these are consistent with our commitment to SBPA’s core values of Leadership Skills, Professionalism, Business Expertise, and Strategic Mindset. The SBPA is now the only AACSB accredited public institution of higher learning in the Nation's Capital.

During the past few years, the Business School has transformed into a top-quality School, with innovative programs, and receiving the designation of the best value quality business program. In line with our Mission and Vision, and meeting the AACSB expectations on the social impact, we take pride in offering innovative and cutting-edge programs to meet and to exceed those expectations. The Social Motivation Approach for Rehabilitation Through Educational Robotics (SMARTER), The Paving Access Trails to Higher Security (PATHS), and the VITA Tax Clinic are among few creative programs that have meaningful impact on the advancement and upward mobility of the community.

We hope you will enjoy the 2023 conference and your stay in the Nation's Capital. Washington, DC, is a cosmopolitan mecca and one of the most exciting and prominent cities in the world. The city embodies vibrant multicultural communities and environment, renowned national museums, world leading art and cultural centers, and celebrated ethnic and cultural magnets. Washington provides exceptional prospects and excellent opportunities for research, consulting, and grants at local, district and federal levels.

Mohamad Sepehri
Dean – School of Business and Public Administration
University of the District of Columbia
Welcome to NEDSI 2023!

52nd Annual Conference of Northeast Decision Sciences Institute

On behalf of the entire NEDSI Board and Organizing Committee, we would like to welcome you to the 52nd Annual Conference of NEDSI. The theme of the conference is “Risk, Resilience and Recovery in Turbulent Business Environments.” Through the efforts of numerous scholars, thought leaders, and generous volunteers, we are excited to offer you once again a variety of paper sessions, workshops, panels, and consortia that we hope will engage you in professional development and networking opportunities.

The board and organizing committee have worked very hard over the past few months to pull together a great 2023 conference. In addition to our sincere gratitude to the entire NEDSI board, we are very grateful to Dr. Lawrence T. Potter, Jr., Chief Academic Officer and Dr. Mo Sepehri, Dean – School of Business and Public Administration (SBPA) at the University of the District of Columbia (UDC), without whom it would not have been possible to host the conference in Washington DC. SBPA-UDC is the host institute for NEDSI 2023.

The venue for NEDSI 2023 is the Washington DC metro area. The conference hotel is Crystal Gateway Marriott located in Arlington, VA, just across the district line and close to all the Washington DC attractions including Smithsonian Museums, White House, Washington Monument, Capitol Hill, National Mall, and many more! All attractions are easily accessible via Crystal City Metro station which is connected from the hotel lobby.

On behalf of the NEDSI board, I wish you all the best and hope you find NEDSI 2023 fruitful and enjoyable.

Best regards,

Amit Arora, Ph.D.
Program Chair NEDSI 2023
Associate Professor of Supply Chain Management
University of the District of Columbia
Rhom Erskine is Vice President, Global Diversity & Inclusion at Lockheed Martin, with specific responsibility for diversity and inclusion vision, strategic direction, employee engagement, and equal opportunity compliance for the company and its 110,000+ employees. In this role, he works closely with business area and HR executives, talent acquisition/management leaders, communications, and external partners to drive diversity and inclusion thought leadership and impact.

Rhom is a senior consultative leader with over 20 years of experience in large, mid-size, and small business environments, where he has demonstrated success in strategic Diversity & Inclusion (D&I) planning and growth, D&I Council leadership, Business Resource Groups, change management, employee engagement strategies, diversity recruiting, and product/program management. Having spent the early part of his career in marketing, software product development, and sales strategy, he also brings strong line-of-business experience to complement award-winning D&I experience.

Prior to this role, Rhom was Director, Global Diversity & Inclusion at Lockheed Martin's Aeronautics business area. Before joining Lockheed Martin, he served as Director of Diversity & Inclusion at McKesson Corporation, a Fortune 10 pharmaceutical distribution and medical technology company. Previous roles also include Director of Diversity, Inclusion, and Multicultural at Affairs at Harland Clarke Holdings Corporation, where his focus extended internationally as well, leading the company's Global Advisory Team, which functioned as an internal knowledge repository, providing guidance to project teams and individuals to reduce the cultural learning curve during international acquisitions.

Rhom supports a number of community and professional organizations, including past/present Board of Directors positions with Advancing Minorities Interest in Engineering (AMIE), the National Black MBA Association's Atlanta Chapter, the Clark Atlanta University School of Business, the Center for the Visually Impaired, and Zoo Atlanta.

A native of Huntsville, Alabama, Rhom holds a B.A. in Psychology from Morehouse College, an MBA with a Marketing concentration from Clark Atlanta University, and has received executive training in Diversity & Inclusion from Georgetown University and the American Institute for Managing Diversity. He has been selected as one of the Top 40 Under 40: Georgia’s Best and Brightest by Georgia Trend Magazine, as well as a member of the Top 100 Under 50 Emerging and Executive Leaders by Diversity MBA Magazine. He and his wife Danielle reside in Atlanta, GA and are the proud parents of three sons.
Michael Kenney, VP-Operational Risk, Freddie Mac
As Vice President of Operational Risk, Michael leads the first line of defense risk management for financial crimes, privacy and information security, business resiliency, vendor management and compliance with regulatory requirements. Mike and his team establish the risk direction by aligning the Multifamily Governance Framework with the business operating model. He continually improves governance by understanding the multifaceted drivers that affect risk environment.

Thadi Murali, Managing Principal, Capco Consulting
Thadi Murali is a Managing Principal with Capco, a management consultant with 18+ years of experience. He provides consulting services to the world's top financial institutions, with a focus on Risk, Compliance, and Data Management across Banking and Asset Management. He has helped clients in the financial industry on both large and small transformation engagements, design and implement solutions to address risk (Enterprise and Operational), regulatory challenges in banking (Basel II, III, Dodd-Frank), and data management (Regulatory Reporting, CCPA and GDPR). He is a thought leader. Besides being a sought after consultant, he is an industry thought leader, who has published many articles and spoken in many industry forums. His article on Data Resiliency shows how taking a data-centered approach strengthens an organization's ability to plan, anticipate, detect, correct, and build a sustainable operational resilience culture.

Kelly Siu, Privacy Risk Program Manager, Meta (fka Facebook)
Kelly Siu holds a Bachelor of Science in Computer Information Systems and Master of Science in Management from American University. Kelly is a member of the Association of Certified Fraud Examiners to reduce the incidence of fraud and white-collar crime.
Upon graduating from American University, Kelly relocated to the San Francisco Bay Area to join IBM-Silicon Valley Laboratory as a software engineer for four years. Then she joined KPMG LLP's Technology Risk & Assurance Practice in Washington DC. Kelly was also at Freddie Mac and wore many hats while leading a risk management team. She is a subject matter expert in third party data sharing risk, privacy, and controls testing. Kelly is currently at Meta (fka Facebook) as a Privacy Risk Program Manager.
Fun Facts: Kelly was born in Hong Kong and raised in Washington DC. She is the mother of 2 senior rescue dogs and volunteers at Operation Paws for Homes. She enjoys eating her way across the globe and traveling on a shoestring budget.
Transforming Business Education

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**Graduate Certificate in Business Analytics**
Responding to the rapid growth in demand for analytics professionals, this program is designed to equip business professionals with the quantitative and technical skills required for robust careers in the data-driven world of business.

**Ph.D. Program in Business Data Science**
Educating the next generation of data scientists, the program is one of the first of its kind in the country for business and management. The curriculum integrates business analytics and management systems theory with statistics, computing science and engineering.

Entrepreneurship Accolades

**Placed among The Princeton Review's Top 50 Undergraduate Schools for Entrepreneurship Studies!**
NJIT is ranked No. 41 among the Top 50 Undergraduate Schools for Entrepreneurship Studies for 2020. This is a recognition of NJIT’s strengths in entrepreneurship curriculum, scholarly research, funding and mentorship for students, university-affiliated startups and service in this discipline.

**Statewide Recognition for Our Faculty in Entrepreneurship Research and Teaching**
We offer 17 credit-bearing entrepreneurship courses, currently to more than 450 students, as well as both major and minor entrepreneurship degrees. Our faculty were awarded the Bright Idea award for their outstanding publication, "The Role of Innovation Ecosystems and Social Capital in Startup Survival."

We offer internationally accredited and high value academic undergraduate and graduate programs that are business focused, technology integrated and experientially driven in various delivery modes.

**For More Information:** Email: management@njit.edu  Visit: management.njit.edu

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The Decision Sciences Institute

The Decision Sciences Institute (DSI) is a professional organization of academicians and practitioners interested in the application of quantitative and behavioral methods to the problems of society. Through national, international and regional conferences, competitions and publications, the DSI provides an international forum for presenting and sharing research in the study of decision processes across disciplines. The DSI also plays a vital role in the academic community by offering professional development activities and job placement services.

Five regional subdivisions in the United States, as well as regions representing Europe, Asia-Pacific and the Indian subcontinent, operate within the DSI. Each region has its own elected officers and representative on the Board of Directors and holds annual meetings.

The DSI, an independent nonprofit educational organization, is located in Houston, Texas, where it receives extensive support from the C.T. Bauer College of Business at the University of Houston.

Northeast Decision Sciences Institute

The Northeast Decision Sciences Institute (NEDSI) is one of five regions in the Americas Division of the professional society, the Decision Sciences Institute. This region encompasses the Northeastern United States. NEDSI holds an annual regional meeting each spring that features presentations of original research papers, Ph.D. and new faculty development seminars, a placement service, case writing and other interesting innovations in the fields of accounting, business education, finance, HRM, management, marketing, MIS/DSS/expert systems and IT, organizational behavior, operations management, strategic management and supply chain management, among others. Awards for “Best Paper” in several categories are given each year.
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Program Chair, NEDSI 2022
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UNDERGRADUATE/MASTER STUDENT POSTER COMPETITION COMMITTEE

Jennifer A. Swanson (Chair)  Stonehill College
Kathleen Ferris-Costa       Bridgewater State University
Krista Hill                 Babson College
Kellyann Berube Kowalski    UMass Dartmouth
BEST PAPER AWARDS

Bryant University Best Paper Award in Supply Chain Management and Logistics
Understanding Covid-19 Impact on Supply Chain through Social Media Discussion
Suhong Li, Bryant University
Fang Chen, University of New Haven
Thomas Ngniatedema, Morgan State University

Best PhD Student Paper Award
An examination of mobile payment adoption for Taiwanese consumers: A case of the retail industry
Yong-Cheng Chang, Yuan Ze University

Best Contribution to Theory Award
Attention Based Dynamic Graph Neural Network for Asset Pricing
Ajim Uddin, New Jersey Institute of Technology
Xinyuan Tao, New Jersey Institute of Technology
Dantong Yu, New Jersey Institute of Technology

Best Application of Theory Award
Impacts of ESG on Gen Z and Gen Y Employees’ Prosocial Motivation in the Workplace
C. Christopher Lee, Central Connecticut State University
Heechang Shin, Iona University

Best Overall Conference Paper Award
No Treatment Without a Diagnosis: Government Regulatory Exclusion Influences on Employees Work Environments, their Behaviors, Attitude and Engagement and Perceived Performance in a Healthcare Setting
Jaime Nieto, Drexel University
David Gefen, Drexel University
UNDERGRADUATE/GRADUATE RESEARCH POSTER PARTICIPANTS

GRADUATE STUDENTS RESEARCH POSTERS

Analysis of Coronary Heart Disease
Mr. Yanjing Wang, Clark University
Mr. Ziru Wang, Clark University
Ms. Yihan Wang, Clark University

Economic Recovery in the USA after the COVID-19 Pandemic
Ms. Aakriti K C, University of New Haven
Dr. Ellen Belitzky, University of New Haven

E-Waste Analysis for India
Ms. Roopal Mishra, University of New Haven
Mr. Prittam Kumar Mahapatra, University of New Haven

Improving the Social Determinants of Health for Medicaid Recipients: A Prototype for MOOC Design
Ms. Crystal Wu, California State University, Los Angeles
Dr. Pamella Howell, California State University, Los Angeles

Integrating Efficient DOE and Intuitive Classification Trees
Ms. Jiaoxue Liu, Boston University

Predictive Modeling to Forecast Climate Change Impacts on Hospital Supply Chains in Boston
Ms. Yujue Tan, Boston University

Simulation of MBTA Repair Inventory Policies using Python
Ms. Jia Fang, Boston University

The Importance of Predictive Analytics in Healthcare Management at the Onset and During Covid-19 Pandemic
Ms. Anshu Subedi, University of New Haven
Dr. Ellen Belitzky, University of New Haven

Utilizing Game Theory to Optimize Decisions for Climate Change Uncertainties in Coastal Communities
Ms. Karla Dimitri, University of the District of Columbia
Dr. Bryan Higgs, University of the District of Columbia

UNDERGRADUATE STUDENTS RESEARCH POSTERS

Communication Technology in the Food Supply Chain
Mr. Rex Bingham, College of Charleston
Dr. Rafael Teixeira, College of Charleston

Disruptive Healthcare Technology Solutions: How Do They Improve the Healthcare Value Chain?
Ms. Shea’lyn Hubbs, Widener University
Prof. Afrooz Moatari-Kazerouni, Widener University
UNDERGRADUATE/GRADUATE RESEARCH POSTER PARTICIPANTS

Enhancing Sustainability in Supply Chain Logistics
Mr. Eduardo Bugay, University of the District of Columbia  
Dr. Amit Arora, University of the District of Columbia  
Dr. Anshu Arora, University of the District of Columbia

Evaluating the Magnitude of Ethical Behavior: Its Determinants and Process
Mr. Joseph Kim, New York University  
Mr. Joshua Kim, Livingston High School  
Mr. Philip Bae, Summit Edu Academy

Examining Human-Robot Interaction through Storytelling and Drama
Ms. Kayleah Shelton, University of the District of Columbia  
Dr. Amit Arora, University of the District of Columbia  
Dr. Anshu Arora, University of the District of Columbia

From Big Screen to Small Screen: Exploring the Key Differences Between Film and Social Media  
Product Placements and their Effects on Children's Perception
Ms. Carrie Ebbin, Brooklyn College

Generational Humor and Marketing: Appealing to the Age of Social Media
Ms. Alexa Whyte, Macaulay Honors College at Brooklyn College

How Can Marketers Leverage Artificial Intelligence for Consumers?
Ms. Cameren Rogers, University of the District of Columbia  
Dr. Amit Arora, University of the District of Columbia  
Dr. Anshu Arora, University of the District of Columbia

How Does Human-Robot Interaction Affect Learning and Trust Building?
Ms. Micah Hamilton, University of the District of Columbia  
Dr. Amit Arora, University of the District of Columbia  
Dr. Anshu Arora, University of the District of Columbia

Image Classification of Stroke Blood Clot Origin By Machine Learning Approaches
Mrs. Lily Sica, Pennsylvania State University  
Mr. Alex Li, Pennsylvania State University  
Dr. Hien Nguyen, Pennsylvania State University

Investigating Students’ Perspectives on their College Using Exploratory Data Analysis
Ms. Joanna Smith, Valdosta State University  
Mr. Andrew King, Valdosta State University  
Ms. Gerniya Flewellen, Valdosta State University

Man vs. Machine: Cognitive and Artificial Intelligence
Ms. Arlene Marshall, University of the District of Columbia  
Dr. Amit Arora, University of the District of Columbia  
Dr. Anshu Arora, University of the District of Columbia

No Phishing Allowed: Analysis of Phishing Cybersecurity Awareness at Shippensburg University
Mr. Casey Platts, Shippensburg University  
Dr. Joseph Catanio, Shippensburg University
UNDERGRADUATE/GRADUATE RESEARCH POSTER PARTICIPANTS

Over Specialization Issues within Recommender Systems
Ms. Glynnis Tan, Kean University
Ms. Yesica Espinoza-Xitumul, Kean University

Pride and Shame Appeals in Sustainable Fashion Consumption Advertisement
Ms. Cristina Heilbron, Babson College
Dr. Krista Hill, Babson College

Rowan After Hours Employment Operations
Ms. Samantha Gross, Rowan University
Ms. Grace Gerard, Rowan University
Ms. Aarushi Gupta, Rowan University

Russian Ukraine Crisis: Environmental Score Impact on Equity Returns
Mr. Nicholas Yalch, Monmouth University
Dr. Jonathan Daigle, Monmouth University

Sand Loss and Overconsumption: The Loss of Coasts and Lives
Ms. California Muratore, Bridgewater State University

The Danger of Plastic Waste
Ms. Amelia Tieri, Bridgewater State University

The Development of Social Entrepreneurship: From the Perspective of Michael Porter’s Diamond Model
Mr. Joseph Kim, New York University
Mr. Philip Bae, Summit Edu Academy

The Filipino Business Mindset: Western, Eastern, or Synergic?
Ms. Glynnis Tan, Kean University
Dr. Weichun Zhu, Kean University

The Information Source Terrain: Mapping Relevancy in Supply Chain Media
Mr. Sebastiano Ronchi, College of Charleston
Dr. Rafael Teixeira, College of Charleston

The Impact of Carbon Emission Trading in Redesigning American and Asian Global Supply Chain Network for Costs and Material-based GreenHouse Gas Volumes
Ms. Miyu Kotegawa, The University of Electro-Communications
Mr. Takaki Nagao, The University of Electro-Communications
Prof. Tetsuo Yamada, The University of Electro-Communications

ROBERT H. SMITH
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CENTER FOR GLOBAL BUSINESS
The URI College of Business is a community of big thinkers interested in new ways of looking at the world of today—and tomorrow. Here, you will learn to solve problems, find innovative solutions, and think globally.

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Executive Doctorate of Business Administration
Ph.D. of Business Administration

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### Northeast Decision Sciences Institute 2023 Annual Conference

**30 Mar - 01 Apr 2023**

**All times in EDT**

#### Thursday, 30 March

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<td>7:30am</td>
<td>Breakfast (sponsored by Penn State Harrisburg)</td>
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<td>»Dr. Tao Li, Dr. Wenxiu Nan (1. SUNY New Paltz, 2. Salisbury University)</td>
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<td><strong>Examining “Boilerplate” CAM Reporting with NLP</strong></td>
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<td>»Dr. Nathan Slavin, Dr. Jianing Fang, Mr. David Fisher (1. Hofstra University, 2. Kean University, 3. USC)</td>
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<td><strong>Attention Based Dynamic Graph Neural Network for Asset Pricing</strong></td>
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<td>BAK-1: Evaluation and Performance Measure</td>
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<td>Dr. Anil Agrawal</td>
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<td><strong>Using learning analytics to improve students' performance</strong></td>
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<td>»Dr. Youqin Pan, Prof. Jian Gu (1. Salem state university)</td>
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<td><strong>A STRATIFICATION-BASED CLUSTERING ANALYSIS APPROACH TO PERFORMANCE EVALUATION OF DECISION-MAKING UNITS</strong></td>
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<td><strong>Using Predictive Analytics to Forecast Player Performance in Poker Tournaments</strong></td>
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<td>»Dr. Michael Paz, Dr. Mikhail Sher, Dr. Robert Scott III (1. Cornell University, 2. Monmouth University)</td>
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<td><strong>The Design and Operation of Digital Platforms under Folk Theories of Sociotechnical Systems</strong></td>
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<td>»Prof. Jordan W. Suchow (1. School of Business, Stevens Institute of Technology)</td>
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<td>Workshop: A SEEDS' Secure Data Repository OKD SNO Edge Framework</td>
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<td>»Dr. Benjamin Branch, Mr. Luigi Zuccarelli, Mr. Thomas Glenn, Mr. Micheal Sullivan, Dr. Neset Hikmet, Mr. Bill Wright, Mr. Jarvis Green, Dr. Charles Zelek (1. QSBG, SEEDS Institute, 2. Red Hat, Principal Software Engineer, 3. SEEDS Institute, Global Supply Chain Security SME, 4. University of South Carolina, Professor of Integrated Information Technology, 5. Red Hat, Head of Edge and AI; Enterprise Neurosystem, Chairperson, 6. Green Reef Foundation, Oceans 97, Commercial Fisheries and Food Distribution SME, 7. CEO, Climate Smart Business Solutions, LLC, Global decarbonization and energy SME)</td>
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<td>8am</td>
<td>DMA-1: Decision Making 1</td>
<td>Madison (Lobby Level)</td>
<td>Dr. Ravi Chinta</td>
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<td><strong>A Decision Model for Contemporary Urban Mobility Design</strong></td>
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<td>»Mr. Tristan Stull (1. University of Massachusetts Boston)</td>
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A Mixed Approach for Highway-Rail Garde Crossings Risk Analysis Considering Crash Likelihood and Severity

»Dr. Amin Keramati 1, Dr. Pan Lu 2, Prof. Afroz Moatari-Kazerouni 1 (1. Assistant Professor, School of Business Administration, Widener University, 2. Associate Professor, North Dakota State University)

Application of Qualitative Judgments Based on Ordinal Model in Public Policy Decision Making

»Prof. Alexander Mechitov 1, Prof. Helen Moshkovich 1 (1. University of Montevallo)

Visualizing DOE Results with Classification Trees: A Supply Chain Application

»Ms. Jiaoxue Liu 1, Prof. John Maleyeff 1, Mr. Adrian Perez 1 (1. Boston University)

Machine Learning in Supply Chain Management

»Mrs. Tovin Asonibare 1, Dr. Abirami Radhakrishnan 1 (1. Morgan State, 2. Morgan State University)

A DEA-Based DSS for Food Shoppers

»Dr. Christine Pitocco 1, Dr. Thomas Sexton 1 (1. Stony Brook University)

How Blockchain PaaS and 3PLs can help disrupted logistics network

»Ms. Lanqing Du 1, Dr. Jinwook Lee 1 (1. Drexel University)
Continued from Thursday, 30 March

**IMPROVING DISPARITIES IN PROSTATE CANCER WITH TECHNOLOGY IN THE HISPANIC COMMUNITY**

»Ms. Crystal Wu ¹, Dr. Pamela Howell ¹, Mr. Eddie Castanon ¹(1. California State University, Los Angeles)

9:30am  **Workshop: Adding to Your Online Teaching Toolbox**
*Jackson (Lobby Level)*

**Adding to Your Online Teaching Toolbox**

»Dr. Kathleen Ferris-Costa ¹, Dr. Krista Hill ²(1. Bridgewater State University, 2. Babson College)

9:30am  **IAC-1: Information Technology for Creativity**
*Madison (Lobby Level)*

Chaired by: Dr. Barbara Lewis

**Innovation Network Characteristics: IT Value Co-Creation and Network Openness Propensity**

»Dr. Mehdi Darban ¹(1. Louisiana State University - Shreveport)

**Fostering Employee and Organizational Resilience in the Digital Age: Can Higher Education Help?**

»Dr. Barbara Lewis ¹, Dr. Hershey Friedman ¹(1. The Koppelman School of Business)

9:30am  **LES-1: Legal, Ethical, and Social Issues**
*Pentagon B (First Floor)*

Chaired by: Dr. Neset Hikmet

**Reciprocity of Relationships Helps Increase Resilience: Strengthening Social Support through Social-Behavior Oeuticals**

»Dr. Neset Hikmet ¹, Dr. Hatrice ATILGAN ²(1. University of South Carolina, 2. Eskisehir Osmangazi University)

**Reframing and Restructuring Organizational Strategies for Addressing Harassment and Discrimination in the Workplace**

»Dr. Erin Percival Carter ¹, Dr. William Obenauer ¹(1. University of Maine)

**Built-In Bias: The Ethical Implications of Bias in Artificial Intelligence**

»Dr. Rhoda Joseph ¹, Dr. Mohammad Ali ¹(1. Penn State Harrisburg)

10:45am  **Coffee Break (sponsored by Boston College)**
*Sky View (First Floor)*

11:15am  **OMR-1: Decision Methods**
*Lee (Lobby Level)*

Chaired by: Prof. Jae-Dong Hong

**A Fuzzy Linear Physical Programming Approach for Performance Evaluation and Benchmarking**

»Dr. Gazi Duman ¹, Dr. Elif Kongar ¹, Prof. Surendra M. Gupta ²(1. University of New Haven, 2. Northeastern University)

**Competitive Balance in Major League Baseball and the National Basketball Association: A Comparison of the Two Leagues**

»Dr. Herbert Lewis ¹, Mr. Amal Lukose ¹(1. Stony Brook University)
Continued from Thursday, 30 March

EFFICIENCY-BASED FLEET LOCATION-ALLOCATION-ROUTING SCHEME DESIGN UNDER THE RISK OF ROUTE DISRUPTIONS

»Prof. Jae-Dong Hong 1, Dr. Judith Mwakalonge 1, Dr. Saidi Siuhi 1 (1. South Carolina State University)

Cross-Channel Policies in Omnichannel Operations

»Mr. Tao Xu 1, Dr. Wenjing Shen 1 (1. Drexel University)

11:15am Panel: Role of Government in Business Resiliency

Jefferson (Lobby Level)

Chaired by: Dr. Victor McCrary

11:15am ECC-2: Future of Teaching - 2

Jackson (Lobby Level)

Chaired by: Dr. Chin-Yen Alice Liu

Teaching Business Statistics in a 2-Hour Lecture

»Dr. Jinchang Wang 1 (1. Stockton University)

An Investigation on the Effects of the Pandemic on Students’ Attitudes Toward Technology Careers

»Dr. Kenneth Sousa 1 (1. Bryant University)

Advancing Mathematical Modeling in K-12 Education

»Mr. Neil Desnoyers 1 (1. Saint Joseph's University)

Visual Business Intelligence implementation in the Curriculum

»Dr. Anil Aggrawal 1, Dr. Cong Zhang 1 (1. University of Baltimore)

11:15am SCM-1: Industry 4.0 technologies

Madison (Lobby Level)

Chaired by: Dr. Pedro Reyes

Analyzing critical success factors for drone logistics using machine learning models built on social media data

»Dr. Bhawesh Sah 1, Dr. Peter Tarasewich 1, Prof. Yang Lee 1 (1. Northeastern University)

Exploring the potential of supply chain business models in the Industry 4.0 era

»Dr. Pedro Reyes 1, Dr. John Visich 2, Dr. Patrick Jaska 3, Dr. Michael Gravier 2 (1. Baylor University, 2. Bryant University, 3. University of Mary Hardin-Baylor)

Simulation Analysis of Repair Kits with Customized Part Service Levels

»Prof. John Maleyeff 1, Ms. Jia Fang 1, Mr. Jianbo Jiang 1 (1. Boston University)

Creating value in supply network maps – a hierarchical approach

»Dr. Penina Orenstein 1, Ms. Caroline Weeks 2 (1. Seton Hall University, 2. GBH (Financial Analyst))

11:15am MCB-1: Marketing Modernism - ChatGPT, Gen Z, and Customer Choice Approach

Pentagon B (First Floor)

Chaired by: Dr. Anshu Arora

Would Gen Z enjoy virtual tourism experience? The Effects of Virtual Tourism Characteristics on Behavioral Intention

»Prof. Chieh-Chih Hou 1, Prof. JA-SHEN CHEN 2 (1. Ming Chuan University, MCU, 2. jchen@saturn.yzu.edu.tw)
A customer choice approach to retail merchandising: Evidence from the apparel industry

»Dr. Katherine Ashley ¹(1. Northeastern University)

I Don't Know What That Is: The Effects of Brand Incongruence on Consumer Choices

»Dr. Rusty Stough ¹(1. University of Maine)


»Dr. Suzan Abed ¹, Prof. Tih Koon Tan ¹, Dr. Batao Chen ¹(1. University of the District of Columbia)

Mapping of Multi-Year Decision Making Strategies for Climate Change Uncertainties

»Dr. Bryan Higgs ¹,Ms. Karla Dimitri ¹(1. University of the District of Columbia)

Sequential Pattern Analysis Under Brand Loyalty Context

»Dr. Jin Fang ¹, Dr. Hanxi Sun ², Dr. Junhe Kim ³(1. Clark University, 2. Purdue University, 3. California State University Stanislaus)

Digital Marketing Conversion on Social Media

»Dr. Rae Yule Kim ¹(1. Montclair State University)

History of the Classified Balance Sheets in Turkey by 1982

»Dr. Recen Pekdemir ¹, Dr. Mehmet Kocakulah ¹, Dr. ÜMMÜHAN ASLAN ², Dr. Melis Erkan ³(1. University of Wisconsin La Crosse, 2. Bilecik Seyh Edebali University, 3. Istanbul University)

Industry 4.0 Technologies in Maritime Industry: Systematic Literature Review and Future Research Direction for ESG Investing

»Dr. Leo Hong ¹, Dr. Se Kyu Kim ², Ms. Kara Liu ³, Dr. Douglas Hales ³(1. Millersville University, 2. Department of Sustainability Management-Inha University, 3. University of Rhode Island)
Continued from Thursday, 30 March

A SEEDS’ Secure Federated Framework for Global Food Security and Climate Intelligence Data Repositories

» Dr. Benjamin Branch 1, Mr. Thomas Glenn 2, Mr. Micheal Sullivan 2, Mr. Jarvis Green 3, Mr. Bill Wright 4, Dr. Neset Hikmet 5, Mr. Luigi Zuccarelli 6, Dr. Charles Zelek 7(1. QSBG, SEEDS Institute, 2. SEEDS Institute, Global Supply Chain Security SME, 3. Green Reef Foundation, Oceans 97, Commercial Fisheries and Food Distribution SME, 4. Red Hat, Head of Edge and AI; Enterprise Neurosystem Lead, 5. University of South Carolina, Professor of Integrated Information Technology, 6. Red Hat, Principal Software Engineer, 7. CEO, Climate Smart Business Solutions, LLC, Global decarbonization and energy SME)

2pm  DMA-2: Decision Making 2
Madison (Lobby Level)
Chaired by: Dr. Ravi Chinta

The Role of Online Influencers and Data Quality in the Customer Decision-making Process

» Dr. Saeed Tabar 1 (1. Assistant professor, Miller College of Business, Ball State University)

COVID-19 Vaccine Line Jumpers and Social Welfare

» Dr. Jimmy Chen 1 (1. Bucknell University)

Air Connectivity Policy and Socioeconomic Factors: Evidence from Sub Saharan Africa

» Prof. Soheil Sibdari 1 (1. University of Massachusetts, Dartmouth)

ORDER QUALIFIERS AND ORDER WINNERS IN URBAN DEVELOPMENT

» Dr. Yasamin Salmani 1, Dr. Amin Ariannezhad 2, Dr. Golshan Madraki 1 (1. Bryant University, 2. University of Arizona, 3. Clarkson University)

3:15pm  Student Poster Competition
Sky View (First Floor)
Chaired by: Dr. Jennifer Swanson

3:15pm  Coffee Break (sponsored by University of Maryland Center for Global Business)
Sky View (First Floor)

3:45pm  Workshop-Effective Career Management: Balancing Focus and Variety for Research Impact
Lee (Lobby Level)

Effective Career Management: Balancing Focus and Variety for Research Impact

» Dr. K. Sivakumar 1 (1. Lehigh University)

3:45pm  HAS-2: Role of Analytics in Improving Healthcare Delivery
Jefferson (Lobby Level)
Chaired by: Dr. Yucheng Chen
## Effect of Internet Usage Behavior on the Influenza Vaccine Uptake Using Machine Learning Algorithms

- Mr. Rongxuan Wang, Ms. Chunjie Zhao, Dr. Yue Gao (1. Clark University)

## Predicting Internet Use for Health Information: Evidence from the U.S. IPUMS Data

- Ms. Chunjie Zhao, Mr. Rongxuan Wang, Dr. Yue Gao (1. Clark University)

## The Challenges of Healthcare Data Governance in Analytics

- Dr. Chaza Abdul-Al, Dr. Loreen Powell, Dr. Yucheng Chen, Ms. Gwendolyn Powell (1. Harrisburg University of Science and Technology, 2. Commonwealth University of PA)

## Review of the Receiver Operating Characteristic (ROC) Curve Use for Medical Decision Making

- Dr. Yucheng Chen, Dr. Chaza Abdul-Al, Dr. Loreen Powell, Ms. Gwendolyn Powell (1. Commonwealth University of PA, 2. Harrisburg University of Science and Technology)

### Workshop: Teaching Negotiations with a Procurement Simulation
**Jackson (Lobby Level)**

- Teaching Negotiations with a Procurement Simulation
  - Dr. Chirag Surti, Dr. Anthony Celani (1. Rider University, 2. Sheridan College)

### Workshop: Quality Analysis for Services: It's Not Like Manufacturing
**Madison (Lobby Level)**

- Quality Analysis for Services: It's Not Like Manufacturing
  - Prof. John Maleyeff (1. Boston University)

### SUM-2: Modeling in Applications of Sustainability
**Pentagon B (First Floor)**
Chaired by: Dr. Eric W. Stein

- Analysis of the Impact of Climate Change on Hospital Services in Boston
  - Prof. John Maleyeff, Ms. Xiaomeng Niu, Ms. Yujue Tan, Ms. Mengya Zhao, Prof. David Weidman (1. Boston University)

- Are Indoor Vertical Farms Sustainable?
  - Dr. Eric W. Stein (1. Penn State)

- Modeling Fast Fashion: Sustainability of Complementary Products
  - Ms. Myan Nguyen, Dr. Gazi Duman, Dr. Elif Kongar (1. Westbrook High School, 2. University of New Haven)

- Price Gouging at the Pumpkin Patch? Expense Neglect in Agritourism Leads to Perceptions of Price Unfairness
  - Dr. Erin Percival Carter (1. University of Maine)

- The relationship between logistics performance and environmental quality
  - Dr. Youqin Pan (1. Salem state university)

### NEDSI President's Reception (sponsored by New Jersey Institute of Technology)
**Sky View (First Floor)**

Welcome Remarks by Dr. Lawrence T. Potter, Jr., Chief Academic Officer/Provost, University of the District of Columbia
## Friday, 31 March

**7:30am**  
**Registration**  
*Foyer (Lobby Level)*

**7:30am**  
**Breakfast (sponsored by University of Rhode Island)**  
*Sky View (First Floor)*

**8am**  
**STB-2: Strategy and Organizational Behavior 2**  
*Lee (Lobby Level)*  
Chaired by: Dr. Carles Sola Belda

### The Dynamics of Paying it Forward: How and Why Leaders Transfer Past Generosity To The Future

*Dr. long wang* *(1. City University of Hong Kong)*

Social preferences and framing as efficiency drivers in organizations. Experimental evidence in complex and volatile environments.

*Dr. Carles Sola Belda, Dr. Jessica Ellis* *(1. College of Staten Island, CUNY, 2. Booz Allen Hamilton)*

### To Merge or Not to Merge: Analysis of External and Internal Drivers of US Mergers and Acquisitions by Sector, 1999-2018

*Mr. Vignesh Sankaradas, Ms. Yue Ying, Dr. Kathleen Park, Dr. Eugene Pinsky* *(1. Boston University)*

A Study on the Effect of Internal Open Innovation Activities on Digital Transformation Capability and Firm Performance: Evidence from Taiwanese SMEs

*Prof. Chieh-Chih Hou* *(1. Ming Chuan University, MCU)*

**8am**  
**SCM-2: Logistics and Distribution**  
*Jefferson (Lobby Level)*  
Chaired by: Dr. Vahid Ghomi

**8am**  
**MCB-2: Marketing Sensitivities and Volatilities: Cancel Culture, Human Trafficking, and Price Perceptions**  
*Jackson (Lobby Level)*  
Chaired by: Dr. Katherine Ashley

### Drone Routing Problem with Flexible Repeat Visits in Road Traffic Monitoring

*Dr. Sepideh Alavi* *(1. Assistant professor)*

**Determining Production and Distribution Policy in Two-Tier Supply Chain Using Reinforcement Learning**

*Dr. Dmitriy Shaltayev, Dr. Borga Deniz, Mr. Joona Rahko* *(1. Christopher Newport University, 2. Framingham State University, 3. Unity Technologies)*

### Collaborative Logistic Vehicle Routing Problem Among Small Shippers: A New Genetic Algorithm Approach

*Dr. Vahid Ghomi, Dr. Sina Shokoohyar, Dr. Farnaz Ghazi Nezami, Dr. Vahid Dardashti* *(1. Penn State Mont Alto, 2. Seton Hall University, 3. Kettering University, 4. Georgia Institute of Technology)*

### Top Management Tournament Incentives and Inventory Efficiency

*Dr. Emma Peng, Dr. Dongli Zhang, Dr. Yuan Xie* *(1. Fordham University)*

### Estimating Risk of Sex and Labor Enslavement Among Consenting Human Trafficking Job Seekers: a Global Sample

*Dr. Vernon Murray* *(1. Marist College)*

### An examination of mobile payment adoption for Taiwanese consumers: A case of the retail industry

*Mr. Yong-Cheng Chang, Prof. JA-SHEN CHEN, Prof. Wang Ming-Chao* *(1. jeng1021@gmail.com, 2. jchen@saturn.yzu.edu.tw, 3. Management College, Yuan Ze University)*
Analysis of passenger satisfaction of airlines

» Mr. Yanjing Wang 1, Mr. Ziru Wang 1, Ms. Yihan Wang 1 (1. Clark University)

Product Advertising and Financial Analyst Forecasts

» Dr. Seung Won Lee 1 (1. Penn State Harrisburg)

Past, Present, and Future of Digital Transformation-A Literature Review

» Mr. CHUN HUNG LIAO 1, Dr. Jonathan Ho 1 (1. Management College, Yuan Ze University)

Understanding Covid-19 Impact on Supply Chain through Social Media Discussion

» Dr. Suhong Li 1, Dr. Fang Chen 2, Dr. Thomas Ngniatedema 3 (1. Bryant University, 2. University of New Haven, 3. Morgan State University)

Business Intelligence Platform Development for Monitoring Bus Operation Risk Indicators

» Ms. Xiaotong (Claire) Ding 1, Prof. John Maleyeff 2, Mr. Frans Valk 1 (1. Massachusetts Bay Transportation Authority, 2. Boston University)

Using GIS and network modeling for hay export

» Dr. EunSu Lee 1 (1. New Jersey City University)

IS MONEYBALL EFFICIENT? A DEA Approach to Analyzing Baseball

» Dr. Brian Adams 1, Dr. Taoufik Meklachi 1 (1. Penn State Harrisburg)

9:30am BAK-4: Knowledge management and organization analytics

Lee (Lobby Level)

Chaired by: Dr. Bharat Kolluri

Overhearing Hushed Voices: Using Unobtrusive Methods to Uncover Work Sentiments of People with Epilepsy

» Dr. Asha Rao 1, Dr. Surendra Sarnikar 1 (1. California State University East Bay)

Knowledge Sharing Incentives in AI-Enabled Knowledge Management

» Dr. Shankar Sundaresan 1, Dr. Zuopeng Zhang 2 (1. Rutgers University - Camden, 2. University of North Florida)

Developmental Trajectory and Trend of the Paternalistic Leadership

» Ms. Shiau-ling Wang 1, Prof. Chiung-Yi Huang 1 (1. Management College, Yuan Ze University)

Exploring Expectancy Theory for Business Analysts: The Option of Failure

» Dr. Ellen Belitzky 1 (1. University of New Haven)

Introduction to Business Analytics as a required core course in the undergraduate business program at the University of Hartford: Discussion on coverage of topics

» Dr. Bharat Kolluri 1, Dr. Ning Jia 1 (1. University of Hartford)
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<th>Time</th>
<th>Session</th>
<th>Location</th>
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| 9:30am | **A Comparative Study of EES Technologies using DEA Models**
DMP-3: Prediction
Jefferson (Lobby Level)
Chaired by: Mr. Mojtaba Talaei-Khoei | Jefferson (Lobby Level) | Mr. Ahmet Akgun, Dr. Mehmet Yildirim (Pennsylvania Western University, Wichita State University) |
| 9:30am | **CorMiDEA: A Novel Feature Selection Algorithm for Improved Learning with High Dimension and Low Sample Size**
Workshop: Increasing the Amount of Instructor Contact for an Engaging Online MBA Course
Jackson (Lobby Level) | Jackson (Lobby Level) | Mr. Mojtaba Talaei-Khoei, Dr. Asil Oztekin, Prof. Yao Chen (University of Massachusetts Lowell) |
| 9:30am | **Increasing the Amount of Instructor Contact for an Engaging Online MBA Course**
Workshop: Increasing the Amount of Instructor Contact for an Engaging Online MBA Course
Jackson (Lobby Level) | Jackson (Lobby Level) | Dr. Roberto Garcia (Indiana University) |
| 10:45am| **Student Poster Competition**
Sky View (First Floor)
Chaired by: Dr. Jennifer Swanson | Sky View (First Floor) | |
Continued from Friday, 31 March

Developing Supply Chain Resilience to Disruption: Mindful Organizing and Supply Chain Relationships

»Dr. Joan Cullinane 1, Prof. Orakwue Arinze 1 (1. Drexel University)

11:15am  
Center for International Business Education and Research (CIBER) Panel  
Lee (Lobby Level)  
Chaired by: Dr. John McIntyre and Dr. Roberto Garcia and Dr. Kislaya Prasad

12:30pm  
NEDSI Board Meeting (by invitation only)  
Crystal Boardroom (First Floor)  
Chaired by: Dr. Dinesh Pai

12:30pm  
Lunch Break (on your own)

1:30pm  
NEDSI Business Meeting  
Lee (Lobby Level)

2pm  
ECC-4: Analytics in Education – 2  
Lee (Lobby Level)  
Chaired by: Dr. Bawesh sah

Data Analysis of the Teaching of Data Analytics Courses

»Dr. Derald Wentzien 1 (1. Delaware State University)

Analytics Skill Building: Leveraging R in the First Statistics Course

»Dr. Linda Boardman Liu 1 (1. Boston College)

Shifting Forums: Establishing MS in Business Analytics Program

»Prof. Yang Lee 1, Dr. Peter Tarasewich 1, Dr. Bawesh sah 2 (1. Northeastern University)

Healthcare Analytics Teaching Tools: Cases for Ensuring Uniform Dates

»Dr. Yucheng Chen 1, Ms. Gwendolyn Powell 1, Dr. Chaza Abdul -Al 2, Dr. Loreen Powell 1 (1. Commonwealth University of PA, 2. Harrisburg University of Science and Technology)

Does Management Education Need a Facelift? The Intersection of Managing, Leading, and Coaching. Part III

»Dr. Maureen Mackenzie 1 (1. Molloy University)

2pm  
HAS-4: Miscellaneous Topics in Healthcare Performance Management  
Jefferson (Lobby Level)  
Chaired by: Dr. Neset Hikmet

What are Measurement-based Care (MBC) software service providers saying in a world where MBC can transform mental healthcare?

»Mr. Donald Jenkins 1, Dr. Josephine Namanyanja 2, Ms. Rebecca Namubiru 3 (1. Mirah, 2. University of Massachusetts, Boston, 3. Hochschule Neu-Ulm)

On the Role of Trust and Previous Psychological Contract Violation in Consumer Switching to Telemedicine Services

»Dr. Dodi Mossafer 1, Dr. David Gefen 2, Dr. Qizhi Dai 3 (1. Accenture, 2. Drexel University)
Continued from Friday, 31 March

An Examination of Relationship between COMMUNICATION QUALITY, PERFORMANCE Score, AND RECOMMENDATION of A HOSPITAL using IMPORTANCE-PERFORMANCE MAP ANALYSIS

»Dr. Neset Hikmet 1, Prof. Tulin Ural 2, Dr. Emrah ATILGAN 3(1. University of South Carolina, 2. Yeditepe University, 3. Eskisehir Osmangazi University)

ISO 9001:2015 Quality Standard Implementation: Constraints or a Source of Capabilities for Healthcare Resilience?

»Dr. Bill Ritchie 1, Dr. Steven Melnyk 2(1. James Madison University, 2. Michigan State University)

A CASE PRESENTATION OF A CLIENT WITH A DIAGNOSIS OF SCHIZOPHRENIA IN A COMMUNITY CARE UNIT IN MELBOURNE, AUSTRALIA

»Mr. Qian He 1, Dr. Michael Ha 2, Dr. Tan Kan Ku 3(1. Stockton University, 2. Beijing Institute of Technology, 3. Institute of Health and Management)

2pm OMR-4: Quality and Project Management
Jackson (Lobby Level)
Chaired by: Dr. Ed Arnheiter

New model for measuring criticality in project management networks

»Dr. Fariborz Partovi 1(1. Drexel University)

Improving Police Response with a Crisis Intervention Team

»Ms. Patricia McGrath-Rodriguez 1, Mr. Temirbek Zhorobaev 1, Ms. Mercy Karani, Dr. Borinara Park 1(1. Illinois State University)

The Case for Integrating Lean Management with Pharmacy Automation

»Dr. Ed Arnheiter 1, Mr. Alex Arnheiter 2(1. Drexel University, 2. Resonetics)

2pm SCM-4: Networks
Madison (Lobby Level)
Chaired by: Dr. David Cortes

Effects of Consumer Showrooming and Supplier Encroachment on an Omnichannel Retailer

»Prof. Samayita Guha 1, Prof. Abhishek Roy 2, Prof. Subodha Kumar 3(1. Florida International University, 2. Fox School of Business at Temple University)

Proximity Framework: Supply Chain’s Link

»Dr. David Cortes 1(1. Providence College)

The impact of supply chain disruptions and 3D printing investments

»Dr. Kraiwinee Bunyaratavej 1(1. Delaware State University)

2pm AFE-5: Topics in Financial Valuation II
Pentagon B (First Floor)
Chaired by: Dr. John Malindretos

A Leveraged Bootstrap Causality approach to investigate relationships among 11 GICS stock market sectors and the Covid-19 cases after the declaration of Pandemic

»Dr. Howard Lee 1(1. Bloomsburg University of PA)

Are Commercial Lending Decisions Affected by Severity of Internal Control Material Weaknesses and Tolerance for Ambiguity?

»Dr. Arnold Schneider 1(1. Georgia Institute of Technology)
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<td>3:15p</td>
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<td>3:15p</td>
<td><strong>Coffee Break (sponsored by Indiana University CIBER)</strong></td>
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<td>3:45p</td>
<td><strong>ECC-5: DEI in Education</strong></td>
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<td>Chaired by: Dr. Roderick Lee</td>
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**Continued from Friday, 31 March**

**Analysis of the factors impacting enrollment in higher education institutions using Interpretive Structural Modeling**

> Dr. Arsalan Paleshi, Dr. Aman Gupta (1. York College of Pennsylvania, 2. Embry-Riddle Aeronautical University Worldwide)

**SCM-5: Closed-loop Supply Chains**

> Jefferson (Lobby Level)

**Integrating Global and Closed-Loop Supply Chains to Minimize Costs and GHG Emissions using LPP**

> Mr. Hiromasa Ijuin, Dr. Yuki Kinoshita, Prof. Tetsuo Yamada, Prof. Surendra M. Gupta (1. The University of Electro-Communications, 2. Northeastern University)

**Designing Reverse Supply Chain Networks with Returned Product Quality Control**

> Ms. Sahar Ebrahim Bajiani, Prof. Sara Saberi, Prof. Fuminori Toyasaki (1. Worcester Polytechnic Insti, 2. Worcester Polytechnic Institute, 3. York University)

**Blockchain-based lithium-ion battery closed-loop supply chain safety passport**

> Ms. Zhuowen Chen, Prof. Joseph Sarkis, Dr. Abdullah YILDIZBASI, Prof. Yan Wang (1. Worcester Polytechnic Institute)

**AFE-6: International Financial Issues**

> Jackson (Lobby Level)

**An Examination of Operating Foreign Exchange Exposure**

> Dr. Augustine Arize, Dr. John Barkoulas, Dr. John Malindretos, Dr. Alex Panayides, Dr. Chuanqian Zhang (1. Texas A&M University – Commerce, 2. Georgia southern, 3. william Paterson University, 4. William Paterson University)
Continued from Friday, 31 March

**Drivers and pass-through of the EU ETS price: evidence from the power sector**

»Dr. Yiyi Bai, Dr. Samuel Okullo (1. University of the District of Columbia, 2. World Bank)

**Impact of Rising Diesel Prices and Truck Driver Availability on Food Transportation and Distribution**

»Ms. Fuqin Zhou, Dr. Aichih (Jasmine) Chang, Dr. Jim (Junmin) Shi (1. New Jersey Institute of Technology)

**Linking Efficiency, Profitability and Productivity Measures, with Application to the U.S. Airline Industry**

»Dr. Michael Tannen (1. University of the District of Columbia)

**Explainability of Predictors in Asset Pricing Using Machine Learning and LIME**

»Mr. Bhaskar Goswami, Dr. Ajim Uddin (1. New Jersey Institute of Technology)

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<td>3:45pm</td>
<td><strong>ECC-6: Education, Curriculum and Cases</strong>&lt;br&gt;&lt;i&gt;Madison (Lobby Level)&lt;/i&gt;&lt;br&gt;Chaired by: Prof. Pradeep K Behera</td>
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<td><strong>United States Postal Services</strong>&lt;br&gt;Ms. Brittney Stargell, Prof. Shaoping Zhao (1. Stockton University)</td>
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<td><strong>Preparing of Industry Ready Civil Engineering Students through Transformation of Capstone Design Course at UDC</strong>&lt;br&gt;Prof. Pradeep K Behera (1. University of the District of Columbia)</td>
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<td>3:45pm</td>
<td>Meet the Editors Panel: Dr. K. Sivakumar (Associate Editor of Journal of Business Research), Dr. Jimmy Chen (Area Editor of Decision Sciences Journal of Innovative Education), Dr. Xenophon Koufteros (Editor-in-Chief of Decision Sciences Journal)&lt;br&gt;&lt;i&gt;Pentagon B (First Floor)&lt;/i&gt;</td>
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<td>5:15pm</td>
<td><strong>Keynote by Mr. Rhom Erskine, VP-Global Diversity and Inclusion, Lockheed Martin</strong>&lt;br&gt;&lt;i&gt;Grand Ballroom (First Floor)&lt;/i&gt;</td>
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<td>5:45pm</td>
<td><strong>Fireside Chat with Mr. Michael Kenny, VP-Operational Risk at Freddie Mac; Mr. Thadi Murali, Managing Principal at Capco Consulting; and Ms. Kelly Siu, Privacy Risk Program Manager at Meta (fka Facebook)</strong>&lt;br&gt;&lt;i&gt;Grand Ballroom (First Floor)&lt;/i&gt;</td>
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<td>6:30pm</td>
<td><strong>Gala Awards Dinner (sponsored by University of the District of Columbia)</strong>&lt;br&gt;&lt;i&gt;Grand Ballroom (First Floor)&lt;/i&gt;</td>
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**Nothing Cryptic About the Importance of Internal Control**

»Dr. Jonathan Daigle, Dr. Ronny Daigle (1. Monmouth University, 2. Sam Houston State University)

**We’ve got this: Creating High-Impact Online Capstone Experiences for Business Programs**

»Dr. Vallari Chandna, Mr. Praneet Tiwari, Mr. Anup Nair (1. University of Wisconsin-Green Bay)
Saturday, 1 April

8am ECC-1: Future of Teaching - 1
Lee (Lobby Level)
Chaired by: Dr. Arsalan Paleshi

Has Higher Education Lost Its Way? Or Just Its Credibility?
»Dr. Hershey Friedman ¹, Dr. Taiwo Amoo ¹, Dr. Barbara Lewis ²(1. The Koppelman School of Business, 2. The Koppelman School of Business)

Student Attitudes towards Multiple Attempts and Feedback on Quizzes
»Dr. Vitaly Brazhkin ¹(1. University of West Florida)

Creating a Culture of Connectedness and Collaboration in Asynchronous Learning
»Dr. Kellyann Kowalski ¹, Dr. Jennifer Swanson ²(1. University of Massachusetts, Dartmouth, 2. Stonehill College)

The integration of Collaborative University Business Experiences (CUBEs) and Collaborative Online International Learning (COIL) in Teaching
»Dr. Xiangrong Liu ¹, Prof. Annett Grossmann ²(1. Bridgewater State University, 2. HHN)

8am IAC-2: Business Innovation and Creativity
Jefferson (Lobby Level)
Chaired by: Prof. Edward Chen

Technology Innovation for Small Businesses – Creating an online presence during a time of rapid change
»Dr. Jas Gaurav Singh ¹, Dr. Elif Kongar ²(1. Nichols College, 2. University of New Haven)

8am ECC-2: Business Innovation - 1
Lee (Lobby Level)
Chaired by: Dr. Arsalan Paleshi

OSS Project Community (OSSPC) Ambidexterity: Its Social Network Antecedents and Community Performance Impact
»Dr. Zhengzhong Shi ¹(1. University of Massachusetts, Dartmouth)

Smart Farming for Sustainable Agriculture
»Prof. Edward Chen ¹(1. University of Massachusetts Lowell)

8am ECC-3: Analytics in Education - 1
Jackson (Lobby Level)
Chaired by: Dr. Ellen Belitzky

A Knowledge Management Solution for Business Analytics Education
»Dr. Ellen Belitzky ¹, Ms. Leeparani Parlapalli ²(1. University of New Haven)

Reflections on Teaching Information Visualization in Business Analytics Courses
»Dr. Peter Tarasewich ¹(1. Northeastern University)

A Data Envelopment Analysis Approach to Rank Administrations of United States Academic Institutions
»Dr. Richard Muszynski III ¹(1. Wilkes University)

Classroom Innovation: Teaching Undergraduate Business Analytics Using Publicly Available, Free, Real World Data
»Prof. Allison Miller ¹(1. Georgia College & State University)

Effective use of Teaching Intervention and Simulation Games: A Study in a Supply Chain & Operations Management Course
»Dr. Chin-Yen Alice Liu ¹(1. Texas A&M University – San Antonio)

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### HAS-3: Exploring Relationship Between Human Factors and Care Delivery

*Madison (Lobby Level)*

Chaired by: Dr. Neset Hikmet

A Case Study on Scheduling and Human Resource Allocation for Surgical Procedures

»Prof. Afrooz Moatari-Kazerouni ¹, Dr. Amin Keramati ¹(1. Assistant Professor, School of Business Administration, Widener University)

Soft Skills as The Driving Force of the Fourth Industrial Revolution

»Dr. Haleh Karimi ¹(1. Bellarmine University)

The Effect of Socio-Demographical Characteristics on Leader Member Interaction During the Covid-19 Pandemic Process: An Evaluation of Healthcare Professionals

»Dr. Neset Hikmet ¹, Prof. Gamze YORGANCIĞILO GL TARCAN ², Prof. Meltem SAYGILII ²(1. University of South Carolina, 2. Hacettepe University, 3. Kirikkale University)

Impact of COV-19 Pandemic on burnout and job satisfaction among emergency department health professionals

»Dr. Neset Hikmet ¹, Prof. Menderes Tarcan ²(1. University of South Carolina, 2. Eskisehir Osmangazi University)

Measuring Spectator Sports Quality: Data Analytics on Co-creation of Value

»Dr. Ahmet Ozkul ¹, Dr. Gazi Duman ¹(1. University of New Haven)

### OMR-2: Operations and Inventory Management

*Lee (Lobby Level)*

Chaired by: Dr. Javad Paknejad

Properties of job sequences for the three-machine flowshop problem with sequence-dependent family setups to minimize makespan

»Prof. Jeffrey Schaller ¹, Dr. Jatinder Gupta ²(1. Eastern Connecticut State University, 2. University of Alabama Huntsville)

Understanding Opaque Selling from an Inventory-control Perspective

»Mr. Yuan Qu ¹, Dr. Jian Yang ¹(1. Rutgers University)

**AN EOQ MODEL WITH PLANNED SHORTAGES AND GEOMETRICALLY DECLINING VARIABLE PROCUREMENT COST PER UNIT**

»Dr. Javad Paknejad ¹, Dr. John Affisco ²(1. Department of Information Systems and Business Analytics, Hofstra University)

A Study of Agile and Lean Supply Chain Design

»Prof. Gang Li ¹, Prof. Yusen Xia ²(1. Bentley University, 2. Georgia State University)

### OMR-3: Operations Research Applications

*Salon G (First Floor)*

Chaired by: Ms. Ashley Gekpe

Airline Ancillary Revenue Willingness to Pay during Covid 19 Pandemic

»Dr. Fouad Mirkzaei ¹(1. University of North Texas)

Optimum Placement of Electric Scooters to Pickup Stations

»Dr. Rajeev Kumar ¹(1. Kutztown University of Pennsylvania)

Power of Community: Engaging Community to Mitigate Terrorism Risk

»Ms. Ashley Gekpe ¹, Prof. Ki Young Jeong ¹, Prof. Gene Shan ²(1. University of Houston Clear Lake)
### CIT-1: Cyber Security, IT 1

**Jackson (Lobby Level)**

Chaired by: Dr. Bharat Kolluri

**High-level vulnerabilities: The role of age in information security awareness and attitudes**

- Dr. Gregory Lyon (1. Georgetown University)

**Examining the Relationship Between Social Media and Cryptocurrencies**

- Dr. Subhasish Dasgupta, Dr. Yuan Xue, Dr. Michael Chuang (1. George Washington University, 2. Elizabeth City State University, 3. University of Illinois)

**Cultural Values and Artificial Intelligence**

- Dr. Subhasish Dasgupta, Dr. Babita Gupta, Dr. Yuan Xue (1. George Washington University, 2. California State University Monterey Bay, 3. Elizabeth City State University)

### Workshop: Managing Social Robotics and Immersive Technologies in the Classroom

**Jefferson (Lobby Level)**

Chaired by: Dr. Anshu Arora

**Managing Social Robotics and Immersive Technologies in the Classroom**

- Dr. Anshu Arora, Dr. Amit Arora, Mr. Timothy Gifford (1. University of the District of Columbia, 2. MOVIA Robotics)

### SUM-3: Land, Sand and Plastic Management

**Lee (Lobby Level)**

Chaired by: Ms. Cassidy Buhler

**Blockchain Technology for the Plastic Crisis: A Mathematical Model for Sustainable Plastic Management**

- Ms. Nesreen El-Rayes, Dr. Aichih (Jasmine) Chang, Dr. Jim (Junmin) Shi (1. New Jersey Institute of Technology)

**Optimal land conservation decisions for multiple species**

- Ms. Cassidy Buhler, Prof. Hande Benson (1. Drexel University)

**Impacts of ESG on Gen Z and Gen Y Employees’ Prosocial Motivation in the Workplace**

- Dr. C. Christopher Lee, Dr. Heechang Shin (1. Central Connecticut State University, 2. Iona University)

### SUM-1: ESG and Sustainability in Supply Chain

**Jefferson (Lobby Level)**

Chaired by: Dr. Rose Sebastianelli

**Corporate Governance and Voluntary Disclosure: The Moderating Role of Industry**

- Dr. Nabil Tamimi, Dr. Rose Sebastianelli (1. University of Scranton)

**THE ROLE OF SMALL BUSINESSES IN SUPPLY CHAIN SUSTAINABILITY**

- Dr. Mysore Ramaswamy (1. Southern University and A&M College)

### STB-1: Strategy and Organizational Behavior 1

**Jackson (Lobby Level)**

Chaired by: Dr. Jun Wu
Continued from Saturday, 1 April

**Effect of External Financing on Sustainable Innovation: The Threshold Effect**

»Dr. Xun Zhang ¹, Dr. Biao Xu ², Dr. Ning Zhang ³, Dr. Jun Wu ⁴ (1. Hohai University, 2. Nanjing University, 3. Northeastern University, 4. Georgia Gwinnett College)

**No Treatment Without a Diagnosis: Government Regulatory Exclusion Influences on Employees Work Environments, their Behaviors, Attitude and Engagement and Perceived Performance in a Healthcare Setting.**

»Mr. Jaime Nieto ¹, Dr. David Gefen ¹ (1. Drexel University)

**The impact of relative advantage in digital platform implementation by SMEs in South Africa**

»Ms. Khuliso Mapila ¹, Mr. Garth Balabanoff ² (1. University of Johannesburg, 2. University of the Witwatersrand)

11am **AFE-4: Empirical Research in Corporate Finance**

*Madison (Lobby Level)*

Chaired by: Dr. Recep Pekdemir

**Corporate Social Responsibility Reporting Improvements and Mandated CO2 Reductions in the Northeast United States: New Evidence on Positive Outcomes from an Unexpected Symbiotic Relationship**

»Dr. A J Stagliano ¹ (1. Saint Joseph’s University)

**How Do Investors Process Pay Equity Disclosures?**

»Dr. Michael Craven ¹ (1. Marist College)

**Exposing investor sentiment in stock returns**

»Dr. Qiang Bu ¹ (1. Penn State)

---

**Timing Value versus Growth**

»Dr. Pawan Madhogarhia ¹ (1. York College of Pennsylvania)

11am **CIT-3: Cyber Security, IT 3**

*Salon G (First Floor)*

Chaired by: Dr. Neset Hikmet

**CYBERCHONDRY (CSS-12) SEVERITY SCALE: A SPECIFIC APPLICATION TO HEALTH INFORMATION**

»Dr. Neset Hikmet ¹, Prof. Gamze YORGANCOĞLU TARCAN ², Prof. Meltem SAYGILI ³, Prof. Ayca Karahan ⁴, Mr. Nihat Baris Sebik ⁵ (1. University of South Carolina, 2. Hacettepe University, 3. Kirikkale University, 4. Pamukkale University, 5. Republic of Türkiye Ministry of Health)

**Review of Cloud Computing Research: A Pilot Study**

»Dr. Zhengzhong Shi ¹ (1. University of Massachusetts, Dartmouth)

**The Effect of Perceived Blockchain Technology Benefits on ESG Disclosure Trustworthiness in South Korea**

»Dr. Se Kyu Kim ¹, Dr. Leo Hong ², Dr. Jong Dae Kim ³ (1. Department of Sustainability Management-Inha University, 2. College of Business - Millersville University, 3. College of Business Administration - Inha University)

**Organizational (Digital) Response to Turbulent Business Environment due to the Pandemic**

»Dr. Arvind Gudi ¹, Dr. Ravi Chinta ², Dr. Yuliya Yurova ¹, Dr. Kim Deranek ¹ (1. Nova Southeastern University, 2. University of the District of Columbia)
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MEETING ANNOUNCEMENT
The 2024 Northeast Decision Sciences Annual Meeting will be held between April 4-6, 2024, in Cambridge, MA. The conference will start on Thursday and continue through Saturday night. All paid attendees are invited to the Welcome session, paper presentations, the President’s Reception, Award Ceremony, and other events.

CALL FOR PAPERS
Full papers, abstracts, and workshops are invited. Undergraduate students may submit proposals for Poster Sessions. Sessions involving practitioners will be given consideration. Submissions will be refereed, and accepted papers will be published in the online Conference Proceedings. By submitting a manuscript, the author certifies that it is not copyrighted or previously published, has not been presented or accepted for presentation at another professional meeting, and is not currently under review for presentation at another professional meeting. At least one of the authors must certify that he/she intends to register for and attend the conference to present the paper if it is accepted.

All papers, abstracts, and undergraduate posters must be submitted electronically on or before December 29, 2023. If you have proposals for workshops or roundtable discussions, please email the co-chairs.

OUTSTANDING PAPER AWARDS
Outstanding papers are eligible for awards:
- Best Application of Theory
- Best Contribution to Theory
- Best Paper on Innovation or Sustainability
- Best Paper in Supply Chain Management and Logistics
- David M. Levine Award for Innovative Education
- Richard Briotta Award for Knowledge Management/Strategy
- Best Student Papers

Call for Papers
NORTHEAST DECISION SCIENCES INSTITUTE
53RD Annual Meeting,
April 4-6, 2024
Hyatt Regency,
Cambridge, Massachusetts
Submission Deadline: December 29, 2023
NEDSI is the Northeast Regional Subdivision of the Decision Sciences Institute

PROGRAM TRACKS
- Accounting, Finance, Economics
- Big Data and Business Analytics
- Cyber Security, IT, IS, and Emerging Technologies
- Decision Support Systems (DSS), Machine Learning, and Artificial Intelligence
- Education, Curriculum, and Cases
- Healthcare Analytics
- Human Technology Interface
- Innovation and Creativity
- Legal, Ethical, and Social Issues
- Marketing and Consumer Behavior
- Operations Management/Operations Research
- Public Administration and Policy
- Service Management
- Strategy, Knowledge Management and Organizational Behavior
- Supply Chain Management and Logistics
- Sustainability
- Teaching and Innovative Education
- Undergraduate/Master Student Posters

HOTEL ARRANGEMENTS
The host hotel is the Hyatt Regency, overlooking Boston and the Charles River. The room reservation link will be available by June 2023. For reservations prior to then please call 866-238-4218 and ask for the NEDSI 2024 conference in April 2024.

CONFERENCE WEBSITE/SUBMISSION LINK
- The link will be available after June 2023. Check anytime at nedsi.decisionsciences.org.

CONTACT INFORMATION
2024 NEDSI Program Co-Chairs

Prof. Neil Desnoyers, (ndesnoye@sj.edu)
Decision& System Sciences Department,
Haub School of Business,
Saint Joseph’s University,
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