

Northeast Decision Sciences Institute

55th Annual Conference

April 9-11, 2026

Philadelphia, PA

FUTURE OF DECISION SCIENCES: COMPLEXITY, INNOVATION, SUSTAINABILITY



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NEDSI 2026

The board of the Northeast Decision Sciences Institute gratefully acknowledges the host institution for our 55th Annual Conference:

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Thank You to Our Sponsors

■ Welcome



Widener University

Office of the Provost



March 26, 2026

Dear NEDSI Members and Guests,

On behalf of the faculty, staff, and students of Widener University, I am pleased to welcome you to the 55th annual meeting of the Northeast Decision Sciences Institute. This year's program chair is Dr. Afroz Moatari-Kazerouni, Assistant Professor of Operations and Supply Chain Management in Widener University's School of Business Administration. Dr. Moatari-Kazerouni and the program committee have assembled an exciting conference that highlights innovative work in teaching and research.

The theme of the conference this year is *Future of Decision Sciences: Complexity, Innovation and Sustainability*. This conference provides an important forum for sharing innovative research and teaching practices in an increasingly complex world.

Thank you for being part of this year's conference. I hope you find the sessions stimulating, the conversations enriching, and the experience both professionally rewarding and personally enjoyable.

Best,

Mark A. Nicosia, Ph.D.

Provost

■ Welcome



Widener University

School of Business Administration
Office of the Dean



Dear NEDSI 2026 Conference Participants,

On behalf of the School of Business Administration at Widener University, it is my pleasure to welcome you to Philadelphia for the 55th Annual Conference of the Northeast Decision Sciences Institute (NEDSI). As the host institution, we are thrilled to support this milestone gathering, which brings together a vibrant community of scholars, practitioners, and students dedicated to advancing the field of decision sciences.

This year's conference theme, *Future of Decision Sciences: Complexity, Innovation, Sustainability*, closely reflects our shared commitment to preparing students and professionals for an increasingly dynamic and interconnected world. As the nation marks its 250th anniversary, the Philadelphia region provides a meaningful setting, one that blends a rich historical legacy with a strong tradition of innovation and progress.

NEDSI continues to play an important role in fostering collaboration, innovation, and the exchange of ideas across disciplines. This conference provides a valuable platform for sharing research, exploring emerging trends, and strengthening the connections that support both academic and professional growth. I commend the organizing committee for their dedication in developing a program that reflects the depth and diversity of our field.

I would like to offer special thanks to Dr. Afroz Moatari-Kazerouni for all her hard work and expertise in putting the conference together. Afroz put in countless hours to make this conference a great experience for all of us.

At Widener University, we are committed to preparing students to lead with integrity, apply analytical thinking, and contribute meaningfully to their organizations and communities. Our programs emphasize experiential learning, interdisciplinary collaboration, and engagement with real-world challenges; values that closely align with the mission of NEDSI and the broader Decision Sciences Institute.

We hope that your time at NEDSI 2026 is both intellectually rewarding and personally enjoyable. In addition to the conference sessions, we encourage you to take advantage of opportunities to connect with colleagues and experience the local community.

Thank you for being part of this important gathering. We are delighted to welcome you and wish you a successful and enriching conference.

Sincerely,

Kenn B. Tacchino, JD, LLM
Interim Dean, School of Business Administration

Widener University, One University Place, Chester, PA 19013-5792
t: 610-499-4300 f: 610-499-4614 www.widener.edu

■ Welcome



Afrooz Moatari-Kazerouni
Widener University

Welcome to NEDSI 2026!

On behalf of the Northeast Decision Sciences Institute Board and the Conference Organizing Committee, it is my great pleasure to welcome you to the 55th Annual NEDSI Conference in Philadelphia, PA!

This year's conference theme, *Future of Decision Sciences: Complexity, Innovation, Sustainability*, reflects both the challenges and opportunities that define our field today. As organizations navigate increasingly complex systems, rapid technological advancement, and pressing sustainability concerns, the role of decision sciences has never been more vital. This conference provides a platform to exchange ideas, showcase research, and engage in meaningful dialogue that advances both theory and practice.

The program offers a rich and engaging experience, including paper sessions, panel discussions, workshops, and student poster presentations. These sessions highlight the diversity and interdisciplinary nature of our community, bringing together scholars, practitioners, and students who are committed to addressing real-world problems through rigorous and innovative approaches. We hope that you take full advantage of the opportunities to connect, collaborate, and learn from one another.

We are proud to host this year's conference in Philadelphia, a city known for its historical significance and vibrant academic and professional community. Our venue places you at the center of a dynamic environment where history, culture, and innovation intersect, providing an ideal backdrop for both intellectual exchange and professional networking.

This conference would not have been possible without the dedication and support of many individuals and institutions. We extend our sincere appreciation to Widener University and its School of Business Administration for serving as our host. We are also deeply grateful to the NEDSI Board, track chairs, reviewers, volunteers, and all contributors whose efforts have made this event possible.

We are delighted to have you join us and are confident that NEDSI 2026 will be a rewarding and enriching experience. We look forward to the conversations, collaborations, and ideas that will emerge over the course of the conference.

Welcome, and we wish you a productive and enjoyable conference.

Best regards,

Afrooz Moatari-Kazerouni
NEDSI 2026 Conference Chair

INNOVATING RESPONSIBLY, AND USING AI TO SCALE EXPERIMENTS IN COMPLEX ORGANIZATION

Christian Nascimento



Christian Nascimento is Senior Vice President of Connectivity & Digital Solutions for Comcast. In this role he is responsible for product management and strategy for Comcast's portfolio of commercial connectivity and cybersecurity products and services, as well as the organization's digital self-service ecosystem. He is currently driving Digital and AI transformation throughout Comcast Business. At this year's NEDSI conference, Christian will discuss *Innovating Responsibly and using AI to Scale Experiments in Complex Organizations*. Christian graduated from Widener University, holds an MBA from Villanova University and is currently pursuing an Executive MBA in AI at Drexel University. He serves on the Board of Trustees at Widener and previously served on the Board of Directors of Savi Solutions, and on the Pennsylvania Attorney General's Transition Committee, chairing the Technology Subcommittee.



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■ ABOUT

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 researching 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.

Three divisions— Americas, Asia and Pacific, and Europe - operate within the DSI. The Americas division is comprised of five chapters, including NEDSI, and the Asia and Pacific division has three separate chapters. Each division has a representative on the Board of Directors. Chapters have their own elected board of directors and hold 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, panels, workshops, and other interesting innovations in the fields of accounting, business analytics, business education, finance, governance, healthcare management, marketing, operations management/operations research, strategic management, supply chain management, sustainability, and technology management, among others. Awards for “Best Paper” in several categories are given each year.

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Theologos Homer Bonitsis
New Jersey Institute of Technology
Martin Tuchman School of Management

Theologos Homer Bonitsis received his Ph.D. in economics from The Graduate School of the City University of New York. He has participated in NEDSI since commencing his academic career with his participation, several decades ago, at the NEDSI conference in Williamsburg, Virginia. At around this time he became the NEDSI Campus Representative at NJIT. Over the years, he has served extensively at NEDSI conferences as track chair, reviewer and presenter of conference research papers, session chair, panelist, best paper reviewer, etc. Dr. Bonitsis was NEDSI 2022 Program Chair, which was the first in-person post-Covid conference, and NEDSI President 2023-2024. He has served on the NEDSI Board, in several positions, for many years. Dr. Bonitsis has been able to bring the Martin Tuchman School of Management at New Jersey Institute of Technology has a strong supporter of NEDSI and DSI. His research interests are in the areas of empirical testing of hypothesized theoretical international financial and economic relationships, time series modeling of financial and economic variables, international competitiveness, exchange rate determination and monetary and traditional approaches to international competitiveness. Dr. Bonitsis research has been published in numerous journals, proceedings, and research volumes; he has been the co-editor of two research volumes, the executive editor of a research journal as well as co-editor of another journal.

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Best Application of Theory Award

Bayesian Specified Certainty Classification, with Applications

Alan Karr, Temple University

Adam Porter, University of Maryland

Prahlad Menon, Fraunhofer USA Center Mid-Atlantic

Marcel Schaefer, Fraunhofer USA Center Mid-Atlantic

Best Contribution to Theory Award

Against the Engineering Gaze: How Tech's 'Other' Functions Fight Back

Paul Olorunnisola, Google, Drexel University

Rajiv Nag, Drexel University

Bryant University Best Paper Award in Supply Chain Management and Logistics

Why Cost Pressures Do Not Yield Uniform Efficiency: Role-Based Goal Systems and Supply Management Decisions in Hospitals

Sharon Franzetta, Boston University, University of Rhode Island

Richard Briotta Best Paper Award in Knowledge Management/Strategy

Can Pharmaceutical R&D be Bad for Patients? Drug Price Control in the Presence of Competing Firms

Shubham Gupta, New Jersey Institute of Technology,

Yingxin Zhang, Dalian University of Technology

Subodha Kumar, Temple University

Xiangpei Hu, Dalian University of Technology

David M. Levine Best Paper Award in Innovative Education

SimCo – Inventory Management Simulation Exercise

Dmitriy Shaltayev, Christopher Newport University

Yelena Shaltayeva, York County School Division

Best Ph.D. Student Paper Award

Inferring Flood Risk of Public Transit Systems using Convolutional Neural Networks

Mubarak Iddrisu, University of Massachusetts Boston

Davood Golmohammadi, University of Massachusetts Boston

Best Overall Conference Paper Award

The Evolving Impact of Health Information Technology on Hospital Performance

Srinivas Balan, o9 Solutions, Inc.

Dinesh Pai, Penn State Harrisburg

Piyal Sarkar, Penn State Harrisburg

■ UNDERGRADUATE/GRADUATE RESEARCH POSTER PARTICIPANTS

UNDERGRADUATE STUDENT RESEARCH POSTERS

Comparative Analysis Of EPR Regulation Implementation for Textile Waste in New York State

Walter Benitez

Stony Brook University, Stony Brook, NY, USA

The Effects of Primary School Expenditure on Us Student Standardized Outcomes

Myron Paes

New Jersey Institute of Technology, Newark, NJ, USA

Improving Sustainable Equipment and Green Chemistry Practices for University Labs

Irene Skandalakis, Artemiy Yakushin

Boston University, Boston, MA, USA

Do Machine Learning Models Perform Fairly in Credit Risk Prediction?

Colin Mulvihill, Juliana Quiles, Andy Tran, Joseph Pagliotti

Saint Joseph's University, Philadelphia, PA, USA

Preventing Lithium-Ion Battery Thermal Runaway Through AI-Driven Early Detection and Active Control

Taehun Jang^{1,2}, EunSu Lee¹

¹New Jersey City University, Jersey City, NJ, USA. ²Sejong University, Seoul, Korea, Republic of

Transforming Unstructured Port Documents into Structured Data for Port Congestion Analysis

Eman Ali¹, EunSu Lee^{1,2}

¹New Jersey City University, Jersey City, NJ, USA. ²Center for Supply Chain and Maritime Logistics, Jersey City, NJ, USA

Deceptive Robots and the Challenge of Rebuilding Consumer Trust Through Regulation

Shannen Graham, Anshu Arora, Amit Arora

University of the District of Columbia, Washington, DC, USA

Diverging AI Governance Pathways: Bridging the Divide Between the EU, UK, and the U.S

Joselyn Bercian, Anshu Arora, Amit Arora

The University of the District of Columbia, Washington, D.C, USA

Artificial Intelligence in E-Commerce: A Comparative Study of China and the United States

Phoumysack Chanthalath, Amit Arora, Anshu Arora

University of the District of Columbia, Washington, DC, USA

Crisis of Multilateralism and Decision-Making in International Organizations: A Case Study of IMO

Heyrin Jeon^{1,2}, EunSu Lee¹

¹New Jersey City University, Jersey City, NJ, USA. ²Inha University, Incheon, Incheon, Korea, Republic of

Strategies of East Asian Automotive Firms Under USMCA Policies: Focusing on Production in Mexico

Seongyong Song^{1,2}, Eun Soo Kim^{3,4}, EunSu Lee¹

¹New Jersey City University, Jersey City, NJ, USA. ²Sejong University, Seoul, Seoul, Korea, Republic of. ³Center for Supply Chain and Maritime Logistics, Jersey City, NJ, USA. ⁴Korea Maritime Institute, Busan, Busan, Korea, Republic of

Integrating Human Factors in Industrial Robot Safety: An Analysis of OSHA Injury Reports and Cases

Shannen Graham, Noel Mendoza-Umana, Dr. Anshu Arora, Dr. Amit Arora

University of the District of Columbia, Washington, District of Columbia, USA

The Evolution of New Jersey Entrepreneurship Curricula

Sergio Giraldo, Shreya Palejwala, Mark Annett

New Jersey Institute of Technology, Newark, NJ, USA

■ **UNDERGRADUATE/GRADUATE RESEARCH POSTER PARTICIPANTS**

Barriers to Sustainable Technology Adoption in Small Scale Businesses (SME's)

Joyston Fernandes, Ellen Belitzky
University of New Haven, West Haven, CT, USA

How Port Performance and Operational Costs Are Affected by the U.S. Container Trade Imbalance

Camilo Pascual Verdu, Eun Soo Kim
New Jersey City University, Jersey City, NJ, USA

Strategies of East Asian Automotive Firms under USMCA Policies: Focusing on Production in Mexico

Seongyong Song
NJCU, Jersey City, New Jersey, USA

West Star Aviation Operations Management Analyzation

Brianna Brown, Lauryn Bond, Jackson Maloney, Tyler Peterson, Jayson Conover
Rowan University, Glassboro, NJ, USA

Green without Glory: Why Sustainable US Firms Don't Always Certify and How Systems Can Be Improved

Aaron van Klyton, Robert Prada, Adriel Rosas, Rasha Lababidi
Kean University, Union, NJ, USA

Changes in Korean Products Export Structures and Logistics Implications in the U.S. Market

Seo Yeon Kim^{1,2}, EunSu Lee¹
¹New Jersey City University, Jersey City, NJ, USA. ²Inha University, Incheon, Incheon, Korea, Republic of

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GRADUATE STUDENT RESEARCH POSTERS

Organization Innovation Using Big Data and Sustainable Practices

Ayesha Kabir, Ellen Belitzky
University of New Haven, West Haven, CT, USA

Designing Climate-Resilient Food and Health Supply Chains for Landlocked Countries: A Botswana Case

Zoyah Nthobogeng, Ellen Belitzky
University of New Haven, West Haven, CT, USA

AI that Acts, Thinks, and Learns: Inside the Agentic Future of Work

Mansi Jain¹, Anurag Gupta², Nurul Afsar Chowdhury¹, Ellen Belitzky¹
¹University of New Haven, West Haven, CT, USA. ²Enterprise Products Company, Houston, TX, USA

Mitigating Anchoring Bias in Supplier Negotiations: A Human-AI Framework for Procurement Resilience

Nurul Afsar Chowdhury, Mansi Jain, Ellen Belitzky
University of New Haven, West Haven, CT, USA

The Status of Post-COVID ERM and BCP at Biopharma Firms

Ishwarya Jose, Devina Mayori, Yiqiu Li
Boston University, Boston, MA, USA

Investigating Container Flow at the Port of Newark: A Business Analytics Approach

Sayuri Montalvan¹, EunSu Lee^{1,2}
¹New Jersey City University, Jersey City, NJ, USA. ²Center for Supply Chain and Maritime Logistics, Jersey City, NJ, USA

Comparative Financial Performance Analysis: Tesla Vs General Motors (2010-2024)

Xiang Wan, Benard Mubayiwa, Mustbe Matiwone
Clark University, Worcester, Massachusetts, USA

Dementia Detection from Speech: Semantic Networks and Transformer NLP

Ayse Sert Oti, Sina-Marie Mayer, Iman Basit, Joseph Elble
Rutgers University, New Brunswick, NJ, USA

Optimization Without Ownership: Responsibility Diffusion in AI-Enabled Decision Systems

Abiodun Onifade
Westcliff University, Irvine, CA, USA

Multi-National Collective Case Comparison of Six Studies Using the Entrepreneurial Mindset Profile®

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Industry Panel: Data-Driven Decision-Making: Leveraging Demographic and Consumer Insights for Research and Industry

Friday, April 10 - 8:00 am

Location: Whistler Gallery B

Chair: Soheil Sibdari

Panelists:

- * Reshma Sheoraj (Senior VP Strategic Engagements, World Data Lab)
- * Juan Caballero (VP of Data & Insight, World Data Lab)
- * Joy Field (Associate Professor of Operations Management, Boston College)

Join leading experts from World Data Lab as they present cutting-edge insights on global demographics and consumer spending patterns. The panel will explore how these datasets can support academic research, enhance forecasting models, and improve data-driven decision-making across industries. Attendees will gain practical perspectives on integrating real-world data into research, teaching, and strategic planning.

Deans' Panel: Bridging Decision Sciences and Practice: Industry Partnerships, Innovation, and Societal Impact

Friday, April 10 - 10:00 am

Location: Whistler Gallery B

Chair: Jeffrey Lolli

Discussants:

- *Jonathan Doh, Senior Associate Dean for Research, Faculty, and Global Engagement, Villanova University
- *Oya Tukul, Dean of Martin Tuchman School of Management, New Jersey Institute of Technology (NJIT)
- *Cary A. Caro, Dean of School of Business, La Salle University
- *Monica Adya, Dean of the Rutgers School of Business–Camden (RSBC)

This dynamic panel of leading business school deans will examine how decision sciences can drive meaningful impact and societal impact in a time defined by complexity, innovation, and sustainability challenges. Panelists will explore how academic institutions can strengthen connections with industry through applied research, experiential learning, and strategic partnerships. Innovative approaches to aligning scholarly work with real-world needs, preparing students for complex decision environments, and advancing sustainability-focused outcomes will be highlighted.

Scholarly Journals Editors' Panel

Friday, April 10 - 1:00 pm

Location: Whistler Gallery B

Chair: Theologos Homer Bonitsis

Panelists:

- * Madjid Tavana (Editor-in-Chief of Decision Analytics Journal; Healthcare Analytics; Supply Chain Analytics)
- * Pedro Reyes (Co-Editor-in-Chief of Decision Sciences Journal of Innovative Education)
- * Arash Azadegan (Associate Editor of Journal of Supply Chain Management)

Meet the Editors of three scholarly journals. Each editor will make a brief presentation about their journal, followed by time for Q&A.

Panel and Keynote Sessions

NEDSI 2026 Keynote

Friday, April 10 - 5:00 pm

Location: Wyeth Gallery B, C

Keynote Speaker: Christian Nascimento, Senior Vice President of Connectivity & Digital Solutions for Comcast
Title: Innovating Responsibly, and using AI to Scale Experiments in Complex Organizations

Christian will highlight how large organizations can responsibly apply AI to accelerate learning, experimentation, and innovation at scale. Drawing on real-world enterprise experience, it highlights practical patterns for balancing speed, governance, and impact in complex systems.

Thursday, April 9

7:30 am **Registration**
Conference Hall Lobby (2nd Floor)

8:00 am **AFE-1: Advances in Accounting Practice and Education**
Homer Room
Chaired by: Valeriya Avdeev

Institutional Diversity and Global Representation in Elite Accounting Journals

Valeriya Avdeev, Hannah Wong, Sia Nassiripour
(William Paterson University, Wayne, NJ, USA)

Beyond Automation: The Rise of Agentic AI in Accounting Practice

Cory Ng (Villanova University, Villanova, PA, USA)

Aligning Accounting Education with CPA Evolution and Market Demand: STEM Accounting Programs

Botao Chen, Suzan Abed, Ruonan Liu, Tih Koon Tan
(University of the District of Columbia, Washington, DC, USA)

A Longitudinal Study of Cam Reporting on Random Samples with Replacement: Fiscal Years Of 2019-2024

Nathan Slavin¹, Jianing Fang² (¹Hofstra University, Hempstead, New York, USA. ²Kean University, Union, New Jersey, USA)

8:00 am **DSS-1: Large Language Models: Evaluation and Methodology**
Whistler Gallery A
Chaired by: Simon Salaj

Integrating Philosophical Reasoning into LLM Fact-Checking for Interpretable Verification

Gaia Maralla, Andres Fortino (NYU, NY, NY, USA)

Comparative Evaluation of Large Language Models for Data Cleaning

Simon Salaj, Suhong Li (Bryant University, Smithfield, Rhode Island, USA)

From Single Best Solutions to Multi-Module Inference Ensembles

Andres Fortino¹, Anusha Dandapani², Joseph Ng³ (¹NYU, NYC, New York, USA. ²UNICC, NYC, NY, USA. ³NYU, NYC, NY, USA)

Delving into AI with ChatGPT

Jinchang Wang (Stockton University, Galloway, NJ, USA)

Literature Review on AI Adoption in Smart Manufacturing

Xiangrong Liu¹, Neil Desnoye² (¹Bridgewater State University, Bridgewater, MA, USA. ²Saint Joseph's University, Philadelphia, PA, USA)

8:00 am **IEC-1: Strategic Perspectives on AI in Education**
Hopper Room
Chaired by: Haleh Karimi

Artificial intelligence in The Business School Classroom: Balancing Positive and Negative Impacts

A J Stagliano (Saint Joseph's University, Philadelphia, PA, USA)

AI Literacy in Higher Education: Strategic Pathways, Challenges, and Multidisciplinary Integration

Alisha Harper Hancock, Haleh Karimi (Bellarmine University, Louisville, Kentucky, USA)

From Exposure to Engagement: Understanding Continued Student Use of AI Tools in Higher Education

Yamini Jha, Sanjeev Jha, Anil Gulati (Western New England University, Springfield, MA, USA)

AI-driven Creativity in the Classroom: Exploring GPT-enhanced Client Simulations in Marketing
Ronda Mariani, Dina Clark (Commonwealth University of Pennsylvania, Bloomsburg, PA, USA)

Thursday, April 9 (continued)

8:00 am **SCM-1: Risk in Supply Chain Management**
Wyeth Gallery A
Chaired by: Danielle Cedeno

Stable but Fragile: Rethinking Supply Chain Robustness
Henry Adobor (Quinnipiac University, Hamden, CT, USA)

Firm Adaptation to Persistent Geopolitical Risk in Global Supply Chains
Janos Kata¹, Koray Özpolat¹, Zhang Jiayuan² (¹University of Rhode Island, Kingston, RI, USA. ²University of Wisconsin-Whitewater, Whitewater, WI, USA)

Effects Of Tariff Shocks in the U.S. Tomato Market
Fuqin Zhou, Jasmine Chang, Jim Shi (New Jersey Institute of Technology, Newark, NJ, USA)

Informing Porter's Five Forces Model for Supply Chain Management
Danielle Cedeno, Douglas Hales, Janos Kata, Olakunle Kayode (University of Rhode Island, Kingston, RI, USA)

9:40 pm **Coffee Break (sponsored by Rutgers School of Business-Camden)**
Wyeth Ballroom Foyer

10:00 am **AFE-2: Risk Measurement and Market Analytics**
Homer Room
Chaired by: Sung Ik Kim

Gaussian Mixture Systemic Risk Measures in International Equity Markets
Sung Ik Kim (Louisiana State University Shreveport, Shreveport, LA, USA)

GSE Credit Risk Transfer Bonds - Analysis of Liquidity and Returns
Theresa Harm (Widener University, Chester, PA, USA)

The Trump Tariffs and Profitability of Listed Banks in The United States: Some Econometric Results
Ikechukwu Ndu¹, Emmanuel Anoruo², John Malindretos³, Augustine Arize³ (¹William Paterson University, Wayne, New Jersey, USA. ²Coppin State University, Baltimore, Maryland, USA. ³Texas A&M University-Commerce (TAMUC), Hunt County, Texas, USA)

Translation, Transaction and Operating Hedging Techniques of MNES
Augustine Arize¹, John malindretos², Ikechukwu Ndu², Moschos Scoullis² (¹East Texas A&M, Commerce, Texas, USA. ²William Paterson U, Wayne, NJ, USA)

10:00 am **CSI-1: Applied Artificial Intelligence**
Whistler Gallery A
Chaired by: Binshan Lin

Bridging Explainability and Adoption: A Framework for Implementing Explainable AI
Binshan Lin (Louisiana State University Shreveport, Shreveport, LA, USA)

Smarter Scams: Can AI-Generated Phishing Outsmart AI Defenses?
Pierce McGuigan (Saint Joseph's University, Philadelphia, PA, USA)

Evaluating AI vs Human Phishing Evasion Across Emulated Email Security Filters and SpamAssassin
Zachary Ryan, Sushma Mishra (Robert Morris University, Moon, PA, USA)

Privacy Implications of Agentic AI in Smart Homes: A Systematic Review
Hajar Niroomand (Dakota State University, Madison, SD, USA)

How Generative Artificial Intelligence Helps Improve Security and Privacy Risk: A Conceptual Study
Kamal Wada Ringim Sabo, Dr. Abirami Radhakrishnan, Dr. Jigish Zaveri, Dr. Dessa David, Dr. Farzad Moazzami (Morgan State University, Baltimore, Maryland, USA)

Thursday, April 9 (continued)

10:00 am **SOB-1: Navigating Social and Institutional Complexity**
Hopper Room
Chaired by: Jeanie Magdalena Gatewood

Compliant Clinical Trials Through a Legitimacy Lens: Results Reporting Regulatory Rulings
Jeanie Magdalena Gatewood^{1,2}, David Gefen¹ (¹Drexel University, LeBow College of Business, Philadelphia, PA, USA. ²Gatewood Global, Wake Forest, NC, USA)

Transcendent Legitimacy and Rapid Ecosystem Emergence: A Phenomenon-Based Theory
William Ritchie, Raktim Pal (James Madison University, Harrisonburg, Virginia, USA)

Echoes of Ideology: Legitimacy of Corporate Social Advocacy in a Polarized Media Landscape
Kirti Pinjani (Indian Institute of Management Udaipur (IIMU), Udaipur, Rajasthan, India)

Reauthoring the Executive Self: The Role of Identity and Community in Fractional Leadership
Toni Haugh, Rajiv Nag (Drexel University, Philadelphia, Pennsylvania, USA)

10:00 am **SCM-2: Digital Transformation, Data Architectures & Visibility**
Wyeth Gallery A
Chaired by: Derek Dubois

Digital Transformation in Supply Chains: Visibility, Resilience, and Performance Outcomes
Raza Rafique¹, Adnan Chudhery², Hakeem-Ur Rehman³ (¹School of Management, KEAN University, Union, NJ, USA. ²School of Management, University of Science and Technology of China, Hefei, China. ³Institute of Quality & Technology Management, University of the Punjab, Lahore, Punjab, Pakistan)

Coordinating Digital Advertising under Uncertainty: A Stochastic Model of Agency Managed Campaigns
Amirhossein Saghezchi¹, Seung-Lae Kim², Christopher Gaffney¹, Vesal Ghassemzadeh Kashani² (¹Drexel University, Philadelphia, PA, USA. ²University of Tehran, Tehran, Tehran, Iran, Islamic Republic of)

A Digital Twin-based Optimization and Simulation Approach for Maritime Supply Chain Networks
Hannan Sadjady Naeeni (Longwood University, Farmville, VA, USA)

Conceptualizing the Contemporary News Media Supply Chain through the SCFLOWS Framework
Derek Dubois¹, Muhammad Hasan Ashraf², Mehmet Yalcin¹ (¹University of Rhode Island, Kingston, RI, USA. ²California State University Long Beach, Long Beach, CA, USA)

10:00 am **BDA-1: Efficiency, Performance, and Operations Analytics**
Whistler Gallery B

Chaired by: Jae-Dong Hong

Modeling Equity Prices in the Insurance Industry: A Nonlinear Parametric Statistical Approach

Athina Nicolaou (St. John's University, Jamaica, NY, USA)

Application of A Two-stage Network Dea for Evaluating the Passing Performance of NFL Quarterbacks

Jae-Dong Hong (South Carolina State University, Orangeburg, SC, USA)

Analyzing Customer Response Patterns to Optimize Bank Marketing Strategies

Esther Bagombeka, Tanatswa Hwindingwi, Farai Ngwarati, Kamiza Brown (Clark University, Worcester, MA, USA)

Financial Stability and Decision Risk: Evidence from World Bank Cross-Country Indicators

Madhu Thota (Western New England University, Springfield, Massachusetts, USA)

The Effect of Economic and Human Freedom on Economic Outcomes by Country

Aldo Torres, Manuel Russon (St. John's University, Jamaica, NY, USA)

Thursday, April 9 (continued)

11:40 pm **Lunch (on your own)**

1:00 pm **AFE-3: Behavioral Finance and Financial Wellbeing**

Homer Room

Chaired by: K.G. Viswanathan

Financial Happiness and Financial Health

Dominique Outlaw, K.G. Viswanathan, Na Wang

(Hofstra University Zarb School of Business, Hempstead, NY, USA)

The Impact of Personality Traits and Future Orientation on Financial Behaviors

Eric McAlley, Matthew O'Connor (Quinnipiac University, Hamden, CT, USA)

A Model and Assessment of the Real GDP Growth for 27 Emerging and Industrialized Economies

Manuel Russon, Ahmad Vakil, Vipul Bansal (St John's University, Jamaica, NY, USA)

The Link between Strategy and Operational Control: A Field Study of Restaurants

Eunbin Whang¹, Eunyoung Whang² (¹Widener University, Chester, PA, USA. ²Penn State University, Abington, PA, USA)

Betting The House: An Analysis of Polymarket's Real Estate Prediction Markets

Jonathan Daigle (Monmouth University, West Long Branch, New Jersey, USA)

1:00 pm

CSI-2: AI Ethics, Governance, and Policy

Whistler Gallery A

Chaired by: Md Golam Kibria

Examining The Moderating Role of Emerging Technologies Project Complexity

Akinbobola Ibojiola, Abirami Radhakrishnan, Akeem Bakara, Sanjay Bapna (Morgan State University, Baltimore, MD, USA)

AGP-CC Evasion Vs. Machine-learning Wardens: A Zero-day AI Forensics Demonstration in Blockchain

Damon Gray (Montgomery County Community College, Blue Bell, Pennsylvania, USA)

How Blockchain Adoption Enhances Supply Chain Resilience: A Dynamic Capability Building Mechanism

Md Golam Kibria (Kean University, Union, NJ, USA)

Investigation of Security and Privacy Mechanisms in Electronic Health Record Systems in the U.S

Kamal Wada Ringim Sabo¹, Dr. Abirami Radhakrishnan¹, Dr. Micheal Boland², Dr. Samuel Ejiaku¹, Dr. Dessa David¹ (¹Morgan State University, Baltimore, Maryland, USA. ²Harvard Medical School, Boston, Massachusetts, USA)

Thursday, April 9 (continued)

1:00 pm **IEC-2: Simulation and Activities for Enhanced Learning**

Hopper Room

Chaired by: Kerri Crowne

GenAI-Powered Supply Chain Game for Teaching Contracts and Negotiation

Kedong Chen, Yalun Zhou, Mei Si, Himadri Motwani, Ez Zwall (Rensselaer Polytechnic Institute, Troy, NY, USA)

Enhancing Ethical Decision-Making through Experiential Role-Playing in U.S. Language Classrooms

Daniel Gutierrez¹, Adeyemi Olaitan² (¹Carolina University, Winston-Salem, NC, USA. ²National Open University of Nigeria, Abuja, FCT, Nigeria)

Simco – Inventory Management Simulation Exercise

Dmitriy Shaltayev¹, Yelena Shaltayeva² (¹Christopher Newport University, Newport News, VA, USA. ²York County School Division, Yorktown, VA, USA)

Extending Shewhart's Handwriting Exercise to Teach Variation, Process Control and Process Capability

Shane Schvaneveldt (Weber State University, Ogden, Utah, USA)

Addressing Student Learning Styles During a Two-part Exam Review

Kerri Crowne (Widener University, Chester, PA, USA)

1:00 pm **SCM-3: Logistics Operations and Network Design Analytics**

Wyeth Gallery A

Chaired by: Cheickna Sylla

Developing Supplier Power Metrics Using a Revised Porter's Five Framework

Olakunle Kayode, Douglas Hales, Danielle Cedeño, Janos Kata (University of Rhode Island, Kingston, Rhode Island, USA)

Transition from Internal Combustion Engine to Electric: Evaluating Speed of Long-Haul Deliveries

Wasiu Ismail¹, Maxim Bushuev¹, Jay Brown² (¹Morgan State University, Baltimore, MD, USA. ²Loyola University Maryland, Baltimore, MD, USA)

Effect of Package-to-truck Assignment on Material Handling Workflow at Cross-docking

Cheickna Sylla¹, Pius Egbelu¹, Colette Malyack² (¹NJIT, Newark, NJ, USA. ²UPS, Denville, NJ, USA)

1:00 pm **BDA-2: Efficiency and Methodological Advances**

Whistler Gallery B

Chaired by: Ellen Belitzky

Multilingual and Multimodal AI for Media Integrity: Detection of Harmful Narratives

Qi Sheng¹, Somya Panchal², Siranush Kostanyan², Andres Fortino¹ (¹NYU, NY, NY, USA. ²NYU, NYC, NY, USA)

Leveraging Data Governance to Accelerate AI Governance

Nancy Sullivan¹, Ellen Belitzky² (¹Exact Changes, River Vale, NJ, USA. ²University of New Haven, West Haven, CT, USA)

A Clustering-based Efficiency Decomposition Method Combined With CD-DEA For Evaluating DMUS

Jae-Dong Hong (South Carolina State University, Orangeburg, SC, USA)

An Econometric Model to Analyze the Shape of the Yield Curve

Mariia Voronina (St. John's University, Jamaica, NY, USA)

Thursday, April 9 (continued)

2:40 pm **Coffee Break**
Wyeth Ballroom Foyer

3:00 pm **HSM-1: Strategic Investments for Improving Hospital Performance**
Homer Room
Chaired by: Yao Yao

The Evolving Impact of Health Information Technology on Hospital Performance

Srinivas Balan¹, Dinesh Pai², Piyal Sarkar² (¹o9 Solutions, Dallas, TX, USA. ²Penn State Harrisburg, Middletown, PA, USA)

From Staffing to Strategy: The Influence of Nurse Workforce Investment on Hospital Performance

Dinesh Pai¹, Esmacil Bahalkeh², Marcy Ainslie² (¹Penn State Harrisburg, Middletown, PA, USA. ²University of New Hampshire, Durham, NH, USA)

AI-powered Early Warning System for Hospital Financial Distress

Aditya Sakhale¹, Sowmya Deshpande² (¹New York University, New York, New York, USA. ²Long Island University, New York, New York, USA)

Prescriptive Analytics in Healthcare: Using Machine Learning to Treat Hospital ED Bad Debt

Yao Yao¹, Heejae Lee², Darie Moldovan³, Miklos

Vasarhelyi⁴ (¹Rutgers, The State University of New Jersey, Newark, NJ, USA. ²Grand Valley State University, Allendale, MI, USA. ³Babeş-Bolyai University, Cluj-Napoca, Romania. ⁴Rutgers, The State University of New Jersey, Newark, USA)

3:00 pm **DSS-2: AI Ethics, Governance, and Policy**
Whistler Gallery A
Chaired by: Robert Yawson

The AI Ethical Triangle

Iten Soliman¹, Alexander Pelaez¹, Kaushik Sengupta¹, Amal Jacobsen² (¹Hofstra University, Hempstead, NY, USA. ²Progressive School of LI, Merrick, NY, USA)

People, Policy, And Profit: A Triple-pillar Approach to Responsible AI

Anshu Arora, Amit Arora, Mohamad Sepehri (University of the District of Columbia, Washington, DC, USA)

Artificial Intelligence as An Intervening Intelligence
Jacob Kinyanjui (New York University, New York, New York, USA)

Rifkin Meets Bridges on the Future of Work in the Age of Artificial Intelligence

Robert Yawson (Quinnipiac University, Hamden, Connecticut, USA)

LLM-as-Judge for AI Safety Evaluation: An Exploratory Proof-of-Concept in Organizational Governance

Haoyu Guo¹, Jitong Yu², Ning Sun¹, Andres Fortino² (¹NYU, NYC, NY, USA. ²NYU, NYC, New York, USA)

3:00 pm **IEC-3: Innovative Programs and Perspectives on Learning**
Hopper Room
Chaired by: Xiangrong Liu

Beyond the Classroom: Fostering High-Impact

Northeast Decision Sciences Institute 2026 Annual Conference April 9-11, 2026. All times in EDT

Undergraduate Research Abroad

Xiangrong Liu¹, Neil Desnoyers² (¹Bridgewater State University, Bridgewater, MA, USA. ²Saint Joseph's University, Philadelphia, PA, USA)

Embedding Career Readiness Across the Curriculum at Two Institutions

Kellyann Kowalski¹, Jennifer Swanson² (¹University of Massachusetts Dartmouth, North Dartmouth, MA, USA. ²Stonehill College, Easton, MA, USA)

Understanding When Not to Innovate in AI Driven Educational Leadership in US Higher Education

Hakeem Nafiu, Jude-Thaddeus Awe (Carolina University, Winston-Salem, NC, USA)

Thursday, April 9 (continued)

3:00 pm **DSS-8: Workshop: Advancing Teaching Excellence with AI: Tools, Strategies, and Impact**

Wyeth Gallery A

Chaired by: Kathleen Ferris

Advancing Teaching Excellence with AI: Tools, Strategies, And Impact

Kathleen Ferris (Bridgewater State University, Bridgewater, MA, USA)

3:00 pm **MCB-1: Market Strategy and Ethical Decision-Making**

Whistler Gallery B

Chaired by: Elizabeth Elam

B2B Sales Churn

Ariff Khan, Sanjay Hrithik, Afreen Asif
(Clark University, Worcester, Massachusetts, USA)

Politics, Profits and Sports: Marketing the 2022 Winter Olympics

Elizabeth Elam (Western New England University, Springfield, MA, USA)

Media Overconsumption: Predicting Consumer Shopping Trends Due To Social Media Exposure

Angeryca Concepcion (Kean University, Union, New Jersey, USA)

6:00 pm **President's Reception (sponsored by Kean University)**

Wyeth Ballroom Foyer

Friday, April 10

7:30 am **Registration**

Conference Hall Lobby (2nd Floor)

7:30 am

Continental Breakfast (sponsored by Penn's Master of Behavioral and Decision Sciences (MBDS) program; Penn State Harrisburg's School of Business Administration; Martin Tuchman School of Management (MTSM) at NJIT; Boston College, Carroll School of Management)

Wyeth Ballroom Foyer

8:00 am

SUS-1: Strategic Innovation for Sustainable Supply Chains

Homer Room

Chaired by: Leili Soltanisehat

How AI/GenAI Capability of Firm's Supply Chain Shape their Sustainable Performance

Leili Soltanisehat (University of Massachusetts Dartmouth, New Bedford, MA, USA)

Adapting Chemical Laboratory Operations for Improved Sustainability

John Maleyeff, Xindi Liao, Xinyue Zhang, Irene Skandalakis, Artemiy Yakushin (Boston University, Boston, MA, USA)

Avoiding Carbon Emissions: The Unique Business Model of Twisted X

Jin Fang¹, [Yanjing Wang](#)¹, Joseph Sarkis², Tricia Mahoney³, Scott Perry⁴, Jing Zhang¹, Will O'Brien¹
(¹Clark University, Worcester, MA, USA. ²Worcester Polytechnic Institute, Worcester, MA, USA. ³Twisted X Global Brands, Decatur, TX, USA. ⁴Suddath Global Logistics, Jacksonville, FL, USA)

The Impact of Cost Auditing on Supply Chain Social Responsibility

[Haiying Yang](#)¹, Zhengping Wu², Zhuang Qian³ (¹Rider University, Lawrenceville, NY, USA. ²Syracuse University, Syracuse, NY, USA. ³Pennsylvania State University, Dunmore, PA, USA)

Friday, April 10 (continued)

8:00 am **DSS-3: AI in Finance and Risk Analytics**

Whistler Gallery A
Chaired by: Wei Gao

From Few to Adaptive to Hyper-Adaptive Few-Shot learning: LLM classification On Marijuana Dataset

[Jim Samuel](#)¹, Kristina Jackson², Jane Metrik³, Manideep Pendyala², Ashish Lakra², Kushal Patel², Xiangyu Tao²
(¹Rutgers University, AIXosphere, New Brunswick, New Jersey, USA. ²Rutgers University, New Brunswick, New Jersey, USA. ³Brown University, Providence, Rhode Island, USA)

Detect Auto Insurance Fraud with ChatGPT

[Wei Gao](#) (Widener University, Philadelphia, PA, USA)

Dynamic Explainability in AI-Supported Decision Systems

[Nolan Talaei](#), Asil Oztekin, Hongwei Zhu, Luvai Motiwalla (University of Massachusetts, Lowell, MA, USA)

Post-Training Adoption of Generative AI Coding Tools by Financial Sector Managers

Bay Arinze, [Samir Shah](#) (Drexel University, Philadelphia, PA, USA)

Information Signals to AI Agents: Projecting Agentic AI Behavior, With Health-cannabis Reddit Data

[Jim Samuel](#)^{1,2}, Kristina Jackson¹, Jane Metrik³, Tanya Khanna¹, Aratrika Bhattacharya¹, Alexander Pelaez⁴, Siritha Chidipothu¹, Chanda Phelan³ (¹Rutgers University, New Brunswick, New Jersey, USA. ²AIXosphere, Woodbridge, New Jersey, USA. ³Brown University, Providence, Rhode Island, USA. ⁴Hofstra University, Hempstead, New York, USA)

8:00 am

IEC-4: AI Applications in Teaching and Learning

Hopper Room

Chaired by: Maria Luiza Carvalho de Aguillar Pinho

An Experimental Study on Student Evaluation of Peer Vs. AI-Generated Work

[Sukeshini Grandhi](#), [Fatma Pakdil](#), Niti Pandey (Eastern Connecticut State University, Willimantic, Connecticut, USA)

Prompting Better Thinking: A Three-Loop Generative AI Exercise for Senior Strategy Students

[Maria Luiza Carvalho de Aguillar Pinho](#)¹, Celso Roberto De Aguillar Pinho² (¹Widener University, Chester, PA, USA. ²Georgia Gwinnet College, Lawrenceville, GA, USA)

Understanding the System Analysis and Design Cycle with the AI Agentic Coding Tool

[Zhengzhong Shi](#) (University of Massachusetts Dartmouth, Dartmouth, MA, USA)

AI and the Future of Work: MBA Student Perspectives on Leadership, Ethics, and Workforce Readiness

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Ronda Mariani, Dina Clark (Commonwealth University of Pennsylvania, Bloomsburg, PA, USA)

Insight, World Data Lab, ³Associate Professor of Operations Management, Boston College)

Friday, April 10 (continued)

8:00 am **OMR-1: Data Analytics in OM/OR**
Wyeth Gallery A
Chaired by: Jin Fang

Why Cost Pressures Fail to Yield Uniform Efficiency in Hospital Supply Management Decisions

Sharon (Shari) Franzetta (Boston University, Boston, MA, USA. University of Rhode Island, Kingston, RI, USA)

The Impact of Servitization on Firm Value Using Public Announcement in the Stock Market

Yeonsung Yoo¹, Hosun Rhim², EunSu Lee³ (¹Korea Airforce Academy, Cheongju, North Chungcheong, Korea, Republic of. ²Korea University, Seoul, Seoul, Korea, Republic of. ³New Jersey City University, Jersey City, NJ, USA)

Optimal Decision Making in Charitable Food Supply Chain Operations

Gang Li¹, ZiChu Liu², Yusen Xia² (¹Bentley University, Waltham, MA, USA. ²Georgia State University, Atlanta, GA, USA)

8:00 am **PAN1: Industry Panel: Data-Driven Decision-Making: Leveraging Demographic and Consumer Insights for Research and Industry**

Whistler Gallery B

Chaired by: Soheil Sibdari

Data-Driven Decision-Making: Leveraging Demographic and Consumer Insights for Research and Industry

Reshma Sheoraj¹, Juan Caballero², Joy Field³ (¹Senior VP Strategic Engagements, World Data Lab, ²VP of Data &

9:30 am **Undergraduate/Master's Student Research Poster Session**
Wyeth Ballroom Foyer
Chaired by: Jennifer Swanson

9:40 am **Coffee Break (College of Business at James Madison University)**
Wyeth Ballroom Foyer

10:00 am **HSM-2: Improving Patient Outcomes in Healthcare Organizations**
Homer Room
Chaired by: Esmail Bahalkeh

Data-Driven Prediction of Surgical Readmissions: A Comparative Machine Learning Study

Kehan Gao¹, Steve Muchiri¹, Fatma Pakdil¹, Nail Aydin^{2,3}, Dancik Garrett¹, Ece Pakdil⁴ (¹Eastern Connecticut State University, Willimantic, CT, USA. ²Hartford HealthCare, Willimantic, CT, USA. ³Quinnipiac University, Hamden, CT, USA. ⁴University of Connecticut, Storrs, CT, USA)

Leveraging ML to Uncover the Impact of Adverse Childhood Experiences on Subjective Cognitive Decline

Joana Lame¹, Esmail Bahalkeh², Joanna Gyory², Semra Aytur², Ling Xue² (¹Dartmouth College, Hanover, NH, USA. ²University of New Hampshire, Durham, NH, USA)

Predicting In-Hospital Complications and Length of Stay for Adolescents with Multimorbidity Patterns
Ajit Appari (Northeastern University, Boston, MA, USA)

Managing Hospital Readmission Risk Through Personalized Continuous-Time Models

Fatma Pakdil¹, Maling Ebrahimpour², Yuehwern Yih³, Drew Zhang², Benjavan Viravan⁴, Mahtab Kouhizadeh² (¹Eastern Connecticut State University, Willimantic, CT, USA. ²University of Rhode Island, Kingston, RI, USA. ³Purdue University, West Lafayette, IN, USA. ⁴UMass Memorial Health, Worcester, MA, USA)

Friday, April 10 (continued)

10:00 am **PUB-1: Navigating Policy and Technology Pressures**

Whistler Gallery A

Chaired by: Ge Guo

A Closed-Form Decision Rule for Contribution Rate Design in Paid Family and Medical Leave Programs

Ge Guo¹, Qiong Wu² (¹University of Baltimore, Baltimore, Maryland, USA. ²Iowa State University, Ames, Iowa, USA)

Drones And High-Tech Tools in Small-Scale Farming: A Qualitative Study of Operations and Well-Being

Kehinde Iboiola, Ziping Wang, Xingxing Zu (Morgan State University, Baltimore, MD, USA)

Can Pharmaceutical R&D be Bad for Patients? Drug Price Control in the Presence of Competing Firms

Shubham Gupta¹, Yingxin Zhang², Subodha Kumar³, Xiangpei Hu² (¹New Jersey Institute of Technology, Newark, NJ, USA. ²Dalian University of Technology, Dalian, China. ³Temple University, Philadelphia, PA, USA)

10:00 am **DSS-7: Workshop: Dynamic Graph Neural Networks for Retail Demand Forecasting Under Evolving Product Interactions**

Wyeth Gallery A

Chaired by: Rashedul Hasan

Dynamic Graph Neural Networks for Retail Demand Forecasting Under Evolving Product Interactions

Rashedul Hasan (University of Massachusetts Lowell, Lowell, MA, Bangladesh)

10:00 am **PAN 2: Dean's Panel: Bridging Decision Sciences and Practice: Industry Partnerships, Innovation, and Societal Impact**

Whistler Gallery B

Chaired by: Jeffrey Lolli

Bridging Decision Sciences and Practice: Industry Partnerships, Innovation, and Societal Impact

Jonathan Doh¹, Oya Tukul², Cary A. Caro³, Monica Adya⁴ (¹Senior Associate Dean for Research, Faculty, and Global Engagement, Villanova University, ²Dean of Martin Tuchman School of Management, New Jersey Institute of Technology, ³Dean of School of Business, La Salle University, ⁴Dean of the Rutgers School of Business—Camden)

11:40 am **Lunch (on your own)**

11:40 am **NEDSI Board Meeting (NEDSI Board members only)**

Benton Room (8th Floor)

1:00 pm **CRE-1: Advances in Innovation and Creativity**

Homer Room

Chaired by: Seung Hoon Jang

Business Beyond Earth: Practices And Potential of Space Management

Seung Hoon Jang (Commonwealth University of

Pennsylvania, Bloomsburg, PA, USA)

Mindstein: An Agentic AI Framework for Brainstorming

Ayse Sert Oti¹, Mozammel Hoque¹, Lucas Weston¹, Jim Samuel¹, Richard Anderson¹, Justin Trugman², ALEXANDER COHEN¹ (¹Rutgers University, New Brunswick, NJ, USA. ²Better Future Lab, New Brunswick, NJ, USA)

Leadership Decision Making for Multilingual Learners in Us K-12 Data-Driven Schools

Joanna Stephen, Moses Ogunmuditi (Carolina University, Winston-Salem, North Carolina, USA)

Friday, April 10 (continued)

1:00 pm **CSI-3: Cyber Security and Risk Management**

Whistler Gallery A

Chaired by: Joseph Catanio

Phishing Attacks Awareness

Joseph Catanio, Hunter Shoenfelt (Shippensburg University, Shippensburg, PA, USA)

API Code Generation of Zero Trust, Data-driven Websites, Digital Twins with SPINE Programming Theory

Christopher Tate^{1,2}, Benjamin Branch³, Denis Poussard⁴ (¹Compute LLC, North Salt Lake, Utah, USA. ²Red Hat, Raleigh, North Carolina, USA. ³QSBG, Doha, Qatar. ⁴Compute LLC, Bordeaux, France)

Securing Fintech: Cybersecurity Risks, Regulation, And Framework Limitations

Asia Harris (Marymount University, Arlington, VA, USA)

Benefits And Challenges of Implementing Risk Management Framework For Improving It Systems Security

Kamal Wada Ringim Sabo, Dr. Farzad Moazzami, Dr. Abirami Radhakrishnan, Dr. Dessa David, Dr. Jigish Zaveri (Morgan State University, Baltimore, Maryland, USA)

1:00 pm **ORM-2: New Model and Solution Approaches in OM/OR**

Wyeth Gallery A

Chaired by: Jayanta Pokharel

Risk-Consistent Portfolio Optimization: An Integrated CAPM-ML Decision Framework

Jayanta Pokharel¹, Binod Rimal², Netra Khanal³ (¹Siena University, Loudonville, NY, USA. ²University of Tampa, Tampa, FL, USA. ³University of Tampa, Tampa, FL, USA)

A Hesitant Fuzzy Linguistic Term Sets Based Ordinal Priority Approach for MCDM Problems

Gazi Duman, Elif Kongar (University of New Haven, West Haven, CT, USA)

The Impact of Long Stay Patients on Hospital Flow and Quality: A Queueing Theory Perspective

Esmaeil Bahalkeh¹, Dinesh Pai², Tze Chiam³, Yuehwern Yih⁴ (¹University of New Hampshire, Durham, NH, USA. ²Penn State Harrisburg, Middletown, PA, USA. ³Connecticut Children's Medical Center, Hartford, CT, USA. ⁴Purdue University, West Lafayette, IN, USA)

Properties for job sequences for flow shop group scheduling to minimize total completion time

Jeffery Schaller¹, Jatinder Gupta² (¹Eastern Connecticut State University, Willimantic, Connecticut, USA. ²University of Alabama Huntsville, Huntsville, Alabama, USA)

Beyond Physical Rebalancing: Spatial Mismatch of Ride Start/End in Docked Bikeshare Operations

Kaverinathan (Kevin) Dhanapal, Dr. Rebecca Scott (New Mexico State University, Las Cruces, NM, USA)

Friday, April 10 (continued)

1:00 pm **PAN-3: Scholarly Journals Editors' Panel**

Wistler Gallery B

Chaired by: Theologos Homer Bonitsis

Scholarly Journals Editors' Panel

Madjid Tavana¹, Pedro Reyes², Arash Azadegan³ (¹ Editor-in-Chief of Decision Analytics Journal; Healthcare Analytics; Supply Chain Analytics, Philadelphia, PA, USA. ²Co-Editor-in-Chief of Decision Sciences Journal of Innovative Education, Waco, TX, USA. ³Associate Editor of Journal of Supply Chain Management, Newark, NJ, USA.)

2:00 pm **Undergraduate/Master's Student Research Poster Session**

Wyeth Ballroom Foyer

Chaired by: Jennifer Swanson

2:40 pm **Coffee Break (sponsored by The University of Rhode Island, College of Business)**

Wyeth Ballroom Foyer

3:00 pm **AFE-4: AI-Driven Finance and Analytics**

Homer Room

Chaired by: John Donnellan

Enhancing College Students' Success Through AI and Financial Literacy Education

John Donnellan, Gene Cautillo (NJCU, Jersey City, NJ, USA)

AI Powered Stablecoin Risk Monitoring Using

Ensemble ML and LLM Explainability

Aditya Sakhale (New York University, New York, New York, USA)

Enhancing Investment Decision-Making with Supply Chain Analytics

Victoria Geyfman, Christian Grandzol (Commonwealth University of Pennsylvania, Bloomsburg, PA, USA)

What Factors Influence Health Care Demand

Augustine Arize¹, John Malindretos², Ikechukwu Ndu², Moschos Scoullis² (¹East Texas A&M University, Commerce, Texas, USA. ²William Paterson U, Wayne, NJ, USA)

3:00 pm **DSS4: Operations Research and Logistics**

Whistler Gallery A

Chaired by: Amin Keramati

Inferring Flood Risk of Public Transit Systems using Convolutional Neural Networks

Mubarak Iddrisu, Davood Golmohammadi (University of Massachusetts Boston, Boston, MA, USA)

Positive Monotonic Neural Networks for Crash Severity and Time-to-Crash Prediction

Amin Keramati¹, Pan Lu² (¹Widener University, Chester, PA, USA. ²North Dakota State University, Fargo, ND, USA)

Predicting Credit Card Default Risk

Steve Pellissery, Zubaish Ashiq, Noor Bhatti, Tinotenda Muzvongi (Clark University, Worcester, MA, USA)

3:00 pm **SOB-2 Human Agency in an Era of Technological Transformation**

Hopper Room

Chaired by: Shanggeun Rhee

AI, Task Delegation, and the Future of Work in Emerging Markets: The Turkish Retail Sector

Northeast Decision Sciences Institute 2026 Annual Conference April 9-11, 2026. All times in EDT

Aaron van Klyton (Kean University, Union, NJ, USA)

Strategic Management, Demographics and AI Robotics: Cases and Agendas

Seung Hoon Jang¹, Taewan Kim², Byungku Lee³
(¹Commonwealth University of Pennsylvania, Bloomsburg, PA, USA. ²University of Scranton, Scranton, PA, USA. ³University of La Verne, La Verne, CA, USA)

Essential human attributes in the era of AI and a new reward system: Proactive compensation

Shanggeun Rhee, Seungje Choi (Kean University, Union, NJ, USA)

Against the Engineering Gaze: How Tech's 'Other' Functions Fight Back

Paul Olorunnisola^{1,2}, Rajiv Nag² (¹Google, New York, New York, USA. ²Drexel University, Philadelphia, Pennsylvania, USA)

Influence Mechanism for the Effects of Ethical Leadership on Follower Outcomes

Weichun Zhu, Shanggeun Rhee (Kean University, Union, NJ, USA)

Friday, April 10 (continued)

3:00 pm **SCM-4: Sectoral and Institutional Perspectives**

Wyeth Gallery A

Chaired by: Soheil Sibdari

Mapping the Maze: Developing Curricula in Supply Chain Management

Derek Dubois¹, M. Hasan Ashraf², Koray Özpolat¹, Maling Ebrahimpour¹, Mehmet Yalçın¹ (¹University of Rhode Island, Kingston, RI, USA. ²California State University Long Beach, Long Beach, CA, USA)

A Value Chain Analysis of GI- Recognized Buffalo Curd of Bhola, Bangladesh

Tauhid Uddin Mahmood¹, Sanjida Islam Emu², Ju Myung Song¹ (¹University of Massachusetts, Lowell, Lowell, Massachusetts, USA. ²University of Dhaka, Dhaka, Dhaka, Bangladesh)

Data Collection Architectures for Resilient and Profitable Supply Chains

Soheil Sibdari, Ali Karamifard (University of Massachusetts, Dartmouth, MA, USA)

5:00 pm **NEDSI 2026 Keynote**

Wyeth Gallery B, C

Presentation by: Christian Nascimento

Title: Innovating Responsibly, and using AI to Scale Experiments in Complex Organizations

6:00 pm **Gala Dinner (Sponsored by Widener University, School of Business Administration)**

Wyeth Gallery B, C

Saturday, April 11

7:30 am **NEDSI 2026 Registration**

Conference Hall Lobby (2nd Floor)

7:30 am **Continental Breakfast (sponsored by Martin Tuchman School of Management (MTSM) at NJIT; Boston College, Carroll School of Management; Penn's Master of Behavioral and Decision Sciences (MBDS) program; Penn State Harrisburg's School of Business Administration)**

Wyeth Ballroom Foyer

7:30 am **NEDSI General Business Meeting**

Whistler Gallery B

PA, USA)

Saturday, April 11 (continued)

8:00 am **AFE-5: Corporate Finance and Value Creation**

Homer Room

Chaired by: Benedikt Saupp

Long-Term Performance of Private Equity-Backed IPOs: Evidence from Value Creation Strategies
Benedikt Saupp (HHL Leipzig Graduate School Of Management, Leipzig, Germany)

Does State of Incorporation Affect Firm Value?
Carol Boyer, Juan Jaramillo, Patrizia Porrini (Long Island University - Post campus, Brookville, NY, USA)

Ceo's Managerial Philosophy and Financial Reporting Quality: Evidence from China
Chunli Liu¹, Yaou Zhou², Xin Dai³, Bin Lin⁴ (¹Hefei University of Technology, Hefei, Anhui, China. ²Montclair State University, Montclair, NJ, USA. ³Drexel University, Philadelphia, PA, USA. ⁴Sun Yat-Sen University, Guangzhou, Guangdong, China)

Role of Financing in Determining Profitability of International Airlines: Some Econometric Results
Augustine Arize¹, John Malindretos², Ikechukwu Ndu³, Emmanuel Anoruo⁴, Theodoros Stamatopoulos⁵ (¹Texas A&M University-Commerce (TAMUC), Hunt County, Texas, USA. ²William Paterson University, Wayne, New Jersey, USA. ³William Paterson University, Wayne, USA. ⁴Coppin State University, Baltimore, Maryland, USA. ⁵University of West Attica, Egaleo, Greece)

Effect Of Complexity on ESG Initiatives of a Firm.
Anjee Gorkhali (Susquehanna University, Selinsgrove,

8:00 am **DSS-5: AI in Education and User Training**

Whistler Gallery A

Chaired by: Kenneth Sousa

Scaling Equitable College Access Via Knowledge-Constrained, Bilingual Ai Support
Haniben Thakkar (New Jersey City University, Jersey City, New Jersey, USA)

Artificial Intelligence – Pedagogy, Use and Perceptions in a Core Business Course
Kenneth Sousa (Bryant University, Smithfield, RI, USA)

Leveraging Artificial Intelligence to Enhance Shipboard Training and Wellbeing for Maritime Cadets
Amit Mokashi¹, J.D Jayaraman² (¹United States Merchant Marine Academy, Kings Point, NY, USA. ²New Jersey City University, Jersey City, NJ, USA)

A Higher Education Review: Artificial Intelligence (AI) Policy Standards, Opportunities and Issues
Eugene Cautillo, J.D. Jayaraman, Dana Mason (New Jersey City University, Jersey City, New Jersey, USA)

Dynamic Cluster-Aware Artist Recommendation: Adapting to Evolving User Preferences
Enock O Ayiku, Mubarak Iddrisu, Linh Dinh (University of Massachusetts Boston, Boston, MA, USA)

8:00 am **SOB-3: Employee Experience and Organizational Sustainability**

Hopper Room

Chaired by: Arman Canatay

How Organizational Culture Reduces Healthcare Worker Burnout Through Meaningfulness

Shucheng Ge, Xiao (Lilac) Li (University of Nebraska at Kearney, Kearney, NE, USA)

The Impact of COVID-19 on Employee Engagement in the Hospital Setting

Michael Cogliano, Lauren D'Innocenzo (Drexel University, Philadelphia, PA, USA)

Human Resource Practices as a Means of Persuading Customers: A Networking Perspective

Seung Hoon Jang (Commonwealth University of Pennsylvania, Bloomsburg, PA, USA)

Athletes and Academic Programs: Enrollment Strategy for Institutions of Higher Education

Amit Shah, Michael Monahan (Frostburg State University, Frostburg, Maryland, USA)

Leadership Traits: The Roles of Ethical Values, Organizational Justice, and Environmental Strategy

Arman Canatay¹, Tochukwu Emegwa² (¹Ramapo College of New Jersey, Mahwah, New Jersey, USA. ²Kent State University, Kent, Ohio, USA)

Supply Chain Challenges & Opportunities for Improving Food Consumption: Insights from Food Members

Michael Bourlakis, Hafize Sahin Ersoz (Cranfield School of Management, Cranfield, Bedfordshire, United Kingdom)

Strategies for Coping with Supply Chain Disruption: A Case Study

Rebecca Clemons (Indiana University East, Richmond, IN, USA)

The Efficiency-Resilience Nexus: A Configural and Causal Analysis

James Roh¹, Jooh Lee¹, Dong K. Yoo² (¹Rohrer College of Business, Rowan University, Glassboro, NJ, USA. ²Reginald F. Lewis College of Business, Virginia State University, Petersburg, VA, USA)

Conceptualizing The Power of Disruptive Events in Supply Chains

Janos Kata, Danielle Cedeño, Douglas N. Hales, Olakunle Kayode (University of Rhode Island, Kingston, RI, USA)

Saturday, April 11 (continued)

8:00 am **SCM-5: Supply Chain Resilience and Real-World Responses**

Wyeth Gallery A

Chaired by: Michael Bourlakis

How Supply Chain Network Structure Will Change the Sustainability Performance of IT Companies

Omkar Badadale, Dr. Leili Soltanisehat (University of Massachusetts Dartmouth, North Dartmouth, Massachusetts, USA)

9:40 am **Coffee Break (sponsored by Bridgewater State University, Riccardi College of Business)**

Wyeth Ballroom Foyer

10:00 am **HSM-3: Service Operations in the Hospitality and Healthcare Industries**

Homer Room

Chaired by: Yang Li

Machine Learning for Service Management: Evidence from Frontline Service Employee-Generated Data
Jiyoon An (Fayetteville State University, Fayetteville,

NC, USA)

A Methodology to Select an Ancillary Services Supplier for Healthcare Organizations

John Maleyeff, [Preethi Srinivasan](#), Jingran Li, David Weidman (Boston University, Boston, MA, USA)

Platform-Based Accessibility Certification and Hotel Performance: An Empirical Study

Yawei Wang¹, [Yaou Zhou](#)¹, [Yang Li](#)¹, Yuyun Zhong² (¹Montclair State University, Montclair, NJ, USA. ²James Madison University, Harrisonburg, VA, USA)

Human-AI Collaboration in Medical Decision-Making: Efficiency Gains and Responsibility Challenges

[Kihwan Kim](#)¹, Eunsonn Ma² (¹Kean University, Union, NJ, USA. ²Northern Valley Regional High School, Old Tappan, NJ, USA)

Saturday, April 11 (continued)

10:00 am **DSS-6: Data Science Methods and Decision Support**

Whistler Gallery A

Chaired by: Cheickna Sylla

A Modeling Framework Integrating Gartner's Magic Quadrant for the Evaluation of Analytics Platforms

[Cheickna Sylla](#)¹, Bay Arinze² (¹NJIT, Newark, NJ, USA. ²Drexel University, Philadelphia, PA, USA)

Can Science Fiction Replace Expert Panels? Validating LLM-Generated Futures for Technology Foresight

[Andres Fortino](#), [Jingyi Xu](#) (NYU, NY, NY, USA)

Regional Variations in Saree Preferences Across India: A Google Trends Data Analysis

[Ankita Banik](#)¹, [J.D Jayaraman](#)¹, Diganto Singh² (¹New Jersey City University, Jersey City, NJ, USA. ²East West

University, Dhaka, Bangladesh)

Bayesian Specified Certainty Classification, With Applications

[Alan Karr](#)¹, Adam Porter², Prahlad Menon³, Marcel Schaefer³ (¹Temple University, Philadelphia, PA, USA. ²University of Maryland, College Park, MD, USA. ³Fraunhofer USA Center Mid-Atlantic, Riverdale, MD, USA)

10:00 am **IEC-5: Student-Centric Learning**

Hopper Room

Chaired by: Kerri Crowne

Untangling Cognitive Load and Perceived Behavioral Control in Computing Education

Dan Liu, Yuyun Zhong, Ping Wang, [Raktim Pal](#) (James Madison University, Harrisonburg, VA, USA)

It's On the Agenda: Creating Effective Student Team Meetings

[Kerri Crowne](#) (Widener University, Chester, PA, USA)

Enhancing artistic skills: The Power of Drawing for students in STEM.

[Angeryca Concepcion](#) (Kean University, Union, New Jersey, USA)

10:00 am **OMR-3: New Applications in OM/OR**

Wyeth Gallery A

Chaired by: Anjali Awasthi

Multi-Skilled Workforce Planning Models for Industry 4.0 Transformation

Rupinder Kaur, [Anjali Awasthi](#) (Concordia University, Montreal, QC, Canada)

A Continuous Review Inventory Management Model for the Student Clubs: An Experimental Study

[Webb Xu](#)¹, [Alice Xi](#)², Erin Hou³ (¹East Stroudsburg

University of PA, East Stroudsburg, PA, USA. ²East Stroudsburg High, East Stroudsburg, PA, USA. ³Lamar Academy, McAllen, TX, USA)

Mapping Vertical Farm Workflows to Sustainable Production Facility Architectural Design

Eric W Stein^{1,2}, Sarah Reynolds³, Afrooz Moatari-Kazerouni⁴ (¹Penn State, Malvern, PA, USA. ²Center of Excellence for Indoor Agriculture, Media, PA, USA. ³Re: Vision Architecture, Philadelphia, PA, USA. ⁴Widener University, Chester, PA, USA)

Nonlinear Efficiency Dynamics in the Construction Industry

Leo Hong¹, Douglas Hales² (¹Millersville University, Lancaster, PA, USA. ²University of Rhode Island, Kingston, RI, USA)

A Workforce Planning Framework for SMEs Facing Stochastic Labor Turnover

Ho Keu Andrey Yeung, Satyaveer S Chauhan (Concordia University, Montreal, Canada)

Rethinking GenAI Governance as Coordination Work
Muhammad Ilyasu, Jigish Zaveri (Morgan State University, Baltimore, Maryland, USA)

Trafficking Business Models in the Digital Era: Rapid Evolution, Evasion, and Investigative Response

Wojtek Wolfe, Karti Puranam (Rutgers University, Camden, NJ, USA)

AI and Whistleblowing: Cultural, Ethical, and Cross-Disciplinary Perspectives

Dina Clark¹, Ronda Mariani¹, Ermasova Natalia² (¹Commonwealth University of PA, Bloomsburg, PA, USA. ²Governors State University, University Park, IL, USA)

1:30 pm

Independence National Historical Park Visit

Independence National Historical Park (143 S. 3rd Street, Philadelphia, PA 19106)

Limited to registered participants

Saturday, April 11 (continued)

10:00 am **LES-1: Evolving Environments: AI Governance, Entrepreneurial Diversity, and Emerging Risks**

Whistler Gallery B

Chaired by: Dongge Zhou

Ethnic Population and Ecosystem Responses: A Spatial Perspective on Entrepreneurship

Dongge Zhou¹, Joseph Cabral², Han Liu³, Eunah Jung⁴ (¹Kean University, Union, NJ, USA. ²Louisiana State University, Baton Rouge, LA, USA. ³UT San Antonio, San Antonio, TX, USA. ⁴Brown University, Providence, RI, USA)

From Principle to Practice, or Broken Boundaries?

Compassionate AI and Business Decisions under Uncertainty

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- David M. Levine Best Paper Award in Innovative Teaching
- Richard Briotta Best Paper Award in Knowledge Management/Strategy
- Bryant University Best Paper Award in Supply Chain Management and Logistics
- Best Ph.D. Student Paper Award
- Best Contribution to Theory Award
- Best Application of Theory Award
- Best Overall Conference Paper Award

MEETING ANNOUNCEMENT

The 2027 Northeast Decision Sciences Annual Meeting will take place April 1-3, 2027, in Jersey City, NJ. The three-day conference begins on Thursday and concludes on Saturday at noon. Conference registrants are invited to attend the Welcome Reception, President's Reception, and Gala Dinner Award Ceremony.

CALL FOR PAPERS

Full papers, abstracts, and workshops are invited for, but not limited to, the topic areas listed. Undergraduate and Master level students may submit proposals for Poster Sessions. Sessions involving practitioners will be given consideration. Submissions will be blind refereed and accepted full papers will be published in the online Conference Proceedings, subject to author approval. 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 certifies that he/she intends to register for and attend the conference to present the paper if it is accepted.

All papers, abstracts, and posters must be submitted electronically by January 5, 2027, through the conference website. If you have proposals for panels, roundtable discussions, sessions, and workshops, please email them to the program chair. For additional information visit <https://nedsi.decisionsciences.org/>

OUTSTANDING PAPER AWARDS

Outstanding papers are eligible for the following awards:

PROGRAM TRACKS

- Accounting, Finance, and Economics
- Big Data, Analytics, and Knowledge Management
- Cyber Security, IT, and Emerging Technologies
- DSS, Digital Twins, Machine Learning, and AI
- Healthcare Analytics and Services Management
- Innovative Education, Curriculum, and Cases
- Innovation and Creativity
- Legal, Ethical, and Social Issues
- Marketing and Consumer Behavior
- Operations Management/Operations Research
- Public Administration and Policy
- Strategy and Organizational Behavior
- Supply Chain Management and Logistics
- Sustainability Management
- Undergraduate/Masters Student Posters

HOTEL ARRANGEMENTS

The host hotel is the [Hyatt Regency Jersey City on the Hudson](#). For reservations with the conference rate, a link will be made available on the conference website.

HOST SPONSOR



CONTACT INFORMATION

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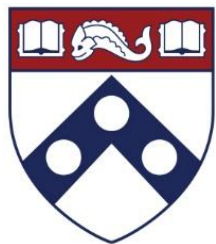


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