

Decision Sciences Institute
Scholars • Educators • Problem Solvers

Northeast Decision Sciences Institute

51st Annual Conference

April 7-9, 2022

Newark, NJ



DISRUPTIVE TECHNOLOGIES IN A POST PANDEMIC WORLD

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



A Half Century of Scholarly Relevancy

NEDSI 2022

Northeast Decision Sciences Institute

51st Annual Conference

**DISRUPTIVE TECHNOLOGIES IN A
POST PANDEMIC WORLD**

HOST INSTITUTION

**Martin Tuchman School of Management
New Jersey Institute of Technology**

April 7-9, 2022

Newark, New Jersey



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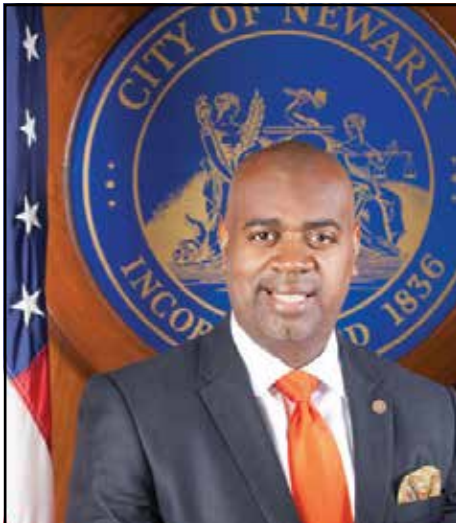
*Available in online/asynchronous format, in addition to the on campus and online/hybrid formats offered for all programs.



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CITY OF **NEWARK**
Mayor Ras J. Baraka



April 7, 2022

Northeast Decision Sciences Institute
c/o Robert Treat Hotel
50 Park Place
Newark, New Jersey 07102

Dear Friends of the Northeast Decision Sciences Institute:

On behalf of the people of Newark, it is a great pleasure to welcome the Northeast Decision Sciences Institute (NEDSI) to our City for its 51st Annual Conference. The conference's theme is very timely—Disruptive Technologies in a Post Pandemic World. Given this theme, it is truly appropriate that the Martin Tuchman School of Management at New Jersey Institute of Technology is the conference's host institution.

NEDSI, a regional division of the Decision Sciences Institute, is internationally recognized as a scholarly professional organization that fosters forums to create, enhance, and improve managerial decision-making by integrating all the disciplines of the decision sciences. NEDSI conferences are well known for the research contributions presented by both practitioners and scholars. Your work has a dynamic and positive impact on how we act in the present and prepare for the future.

We are delighted that NEDSI chose the City of Newark to have its conference this year. While you are here, we encourage you to enjoy Newark's many attractions—such as the Cherry Blossom Festival, our diverse dining in the Ironbound, the New Jersey Performing Arts Center, and The Newark Art Museum.

All the best for an enjoyable conference!

Sincerely yours,

Ras J. Baraka
Mayor



On behalf of New Jersey Institute of Technology’s Martin Tuchman School of Management, I welcome all participants of the 2022 Northeast Decision Sciences Institute (NEDSI) Annual Meeting, taking place in our beautiful City of Newark.

I am thoroughly appreciative of the NEDSI organizing committee for selecting Newark as the conference venue. The city has a rich history as a leading industrial center, with a strong and diverse workforce, and houses the world’s leading seaports and airports. Newark is also known for its Branch Brook Park, celebrated for its Japanese cherry trees, as well as the Newark Museum of Art and the New Jersey Performing Arts Center, which I hope you will get a chance to visit.

As part of a public polytechnic university, rated R1 by the Carnegie Classification® for “Very High Research Activity,” Martin Tuchman School of Management positions itself as a “Business School With the Power of Technology.” We teach and research cutting-edge technology within a business context. You will hear presentations from our Ph.D. students, who are in the Ph.D. program in Business Data Science, a leading-edge interdisciplinary program that integrates business analytics with scientific methods from statistics, computer science and engineering to improve knowledge discovery and decision-making in management.

We are delighted to host this event as part of our commitment to provide a platform for researchers, scholars, practitioners and students to share and disseminate new knowledge and advance management sciences and technology. I hope that you enjoy the conference and your stay in Newark.

Oya Tukel
Dean
Martin Tuchman School of Management



Dear Colleagues,

It is with great pleasure that I have the honor to welcome you to the 51st Annual Conference of NEDSI. This is a very special conference. It is NEDSI's first in-person conference in three years, for the pandemic resulted in the cancellation of the 2020 conference and required the 2021 conference to be a virtual one.

The interest expressed by our many colleagues and friends in this year's conference is a testament to the importance and relevance of NEDSI. NEDSI is relevant and will continue to be relevant into the future for scholars and practitioners. It is an organically vibrant institution where scholars and practitioners present their research and keep abreast of their areas of expertise and interlace into new horizons; it is an association where salient networking occurs, and friendships are made for a lifetime. Conference participants have frequently commented how much they enjoy the amicable nature of NEDSI's conferences. It is with this spirit that all the officers of NEDSI cordially welcome you to our NEDSI 2022 Conference in Newark, N.J. The venue for NEDSI 2022 is the centrally located historic Robert Treat Hotel in Newark, N.J. The hotel allows for easy access to many of Newark's main attractions such as New Jersey Performing Arts Center, The Newark Museum of Art, Ironbound and the annual Cherry Blossom Festival at Branch Brook Park — which will be during our conference.

Economists have a concept referred to as creative destruction, a dynamic transformational process by which de novo technologies replace prior modes of production and thus propel society forward. It is in this spirit that the theme for NEDSI 2022 is "Disruptive Technologies in the Post Pandemic World." So, let our synergetic interactions at NEDSI 2022 reflect on how the postpandemic world is being transformed by the creative-destructive process fomented by the pandemic itself.

NEDSI 2022 has over 50 sessions representing a multitude of disciplines in the decision sciences. They are the contributions of approximately 300 scholars. In addition, please participate in our trip to the Cherry Blossom Festival and the President's Reception, both on Thursday, and the Gala Awards Dinner on Friday, to be followed on Saturday to a trip to The Newark Museum of Art.

Again, on behalf of all the officers of NEDSI, we welcome you to NEDSI 2022. Enjoy the conference!

Cordially,

Theologos Homer Bonitsis, Ph.D.
Program Chair NEDSI 2022

■ KEYNOTE SPEAKER **Steven Saperstein**



Steven Saperstein is currently the president of Linvale Consulting, LLC, where he consults for a large global investment management firm on a business transformation project as an external steering committee member. Before this current project, Saperstein retired (2020) as the chief operating officer (COO) of PGIM Fixed Income, where he served as the COO for over 20 years. As COO, he managed operations, technology, securities lending, finance and business management. PGIM Fixed Income is a global investment manager with over \$900 billion in assets. Saperstein served in many governance roles during his tenure, including the chairman of Prudential Trust Company, which manages over \$50 billion. Before assuming the role of COO, he held several other roles at Prudential Financial including the controller of Prudential Individual Insurance and Prudential Real Estate Investors. He spent several years in corporate tax and other finance functions at Prudential Financial, which he joined in 1984 shortly after receiving a bachelor's degree in industrial administration from NJIT. He also holds a master's degree in business administration from Rutgers University.

In addition to his corporate accomplishments, Saperstein has been a dedicated alumnus of NJIT. He served as a member of the NJIT Board of Overseers, where he chaired the Foundation's Investment Committee, and was president and vice president of the Alumni Association of NJIT. He was a foundational member of the Young Alumni Association, served as a member of NJIT's College of Science and Liberal Arts Board of Visitors and Martin Tuchman School of Management Board of Visitors, and served on the editorial board for *NJIT Magazine*. In 2012, Saperstein received the Edward F. Weston Medal, which is presented to alumni in recognition of outstanding personal, professional and civic achievement and commitment to the development of the university. Then, in 2015, he received the Alumni Association's Distinguished Alumni Achievement Award. Saperstein also was a dedicated board member to the JCC of Somerset and Hunterdon Counties, New Jersey, for many years. He currently resides in Newtown, Pa., with his wife Alison.

■ **NEDSI LIFETIME SERVICE AWARD RECIPIENT Maling Ebrahimpour**
University of Rhode Island
College of Business



Dean Maling Ebrahimpour earned his Ph.D. from the University of Nebraska-Lincoln under the mentoring of the venerable Sang Lee, who introduced him to the Decision Sciences Institute (DSI). He has tirelessly served DSI and NEDSI since 1983 in many roles including chairing several committees and as a member of the Board of Directors and Advisory Committee, and as program chair and president of both organizations. His first NEDSI award was Best Application of Theory paper in 1990, which he repeated in 1997, 2000 and 2003. He became program chair of NEDSI's annual conference in 1996 and president in 1997. Due to his excellence in running conferences, Ebrahimpour was also selected as program chair for DSI in 2010, made a "Fellow" of DSI in 2012 and then elected as president in 2013. Ebrahimpour has supported the institute financially through several administrative roles. During his tenure as department chair in management science at URI (1992-1999), associate dean at URI (1999-2002), dean of the Gabelli School of Business (2002-2008) and then dean of the URI College of Business (2014-2022), he has supported faculty and doctoral students at NEDSI conferences and sponsored numerous coffee breaks, luncheons, dinners and speakers for NEDSI. He has served the institute in some capacity for almost 40 years and is loved and respected by all who know him. Ebrahimpour's commitment and service to NEDSI has been instrumental to its robust organic growth. NEDSI is what it is today as a result of his service and vision. The NEDSI community is profoundly grateful for this.

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.

The 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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Best Paper Award in Innovative Teaching

■ NEDSI 2022 CONFERENCE EXHIBITORS

Inchange BV

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- MBA, Concentration in Innovation
- MBA, Concentration in Operations Analytics
- MBA, MS in Accounting
- MBA, MS in Finance
- MBA in Health Care Management
- MBA in Marketing

Research Areas

- Accounting
- Finance
- Marketing
- Operations & Decision Analytics
- Organizational Behavior
- Strategy & Entrepreneurship



■ NEDSI 2022 PROGRAM TRACK CHAIRS

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John Malindretos, William Paterson University

Big Data, Analytics and Knowledge Management

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Decision-Making: Public Administration and Policy

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DSS, Machine Learning and Artificial Intelligence

Nikhil Varma, Ramapo State College

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Legal, Ethical and Social Issues

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Marketing and Consumer Behavior

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Strategy and Organizational Behavior

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Supply Chain Management and Logistics

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Sustainability Management

Amit Arora, University of the District of Columbia

Undergraduate/Master Student Poster Competition

Jennifer A. Swanson, Stonehill College

Kellyann Berube Kowalski, UMass Dartmouth

Kathleen Ferris-Costa, Bridgewater State University

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Joo Eng Lee-Partridge	Central Connecticut State University
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Erhan Mergen	Rochester Institute of Technology
Mine Ozer	SUNY Oneonta

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Fatma Pakdil	Eastern Connecticut State University
Andrew Perry	Springfield College
Yanni Ping	St. John's University
Luis Eduardo Rivera-Solis	Arcadia University
Ahmad Rabaai	New Jersey City University
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Bhupinder S. Sran	DeVry University
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Eddy Vertil	Management Consultant
John Visich	Bryant University
Glen M. Vogel	Hofstra University
Carolyn Wang	New Jersey Institute of Technology
Ying Wang	Bentley University
John W. Weber	DeVry University
Mei-Hsin Wu	Yuan Ze University
Gawon Yun	Missouri State University
Ozdogan Zeliha	Penn State Harrisburg
Jintao Zhang	Drexel University

■ **NEDSI LIFETIME SERVICE AWARD**

Maling Ebrahimpour
University of Rhode Island
College of Business

■ **NEDSI SERVICE RECOGNITIONS TO PROGRAM CHAIRS**

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School of Business Administration
Program Chair, NEDSI 2021

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Bentley University
School of Business
Program Chair, NEDSI 2020

Gang Li
Bentley University
School of Business
Program Chair, NEDSI 2020

Eric W. Stein
Penn State Great Valley
School of Graduate Professional Studies
Program Chair, NEDSI 2019

Douglas N. Hales
University of Rhode Island
College of Business
Program Chair, NEDSI 2018

■ **NEDSI SERVICE RECOGNITIONS TO PAST PRESIDENTS**

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**Penn State Great Valley
School of Graduate Professional Studies
President NEDSI, 2020-2021**

Douglas N. Hales

**University of Rhode Island
College of Business
President NEDSI, 2019-2020**

Neşet Hikmet

**University of South Carolina
College of Engineering and Computing
President NEDSI, 2018-2019**



BOSTON COLLEGE
Carroll School of Management

■ NEDSI 2022 BEST PAPER COMMITTEE

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Carolyn Lamacchia	Bloomsburg University of Pennsylvania
EunSu Lee	New Jersey City University
Gang Li	Bentley University
Linda Boardman Liu	Boston College
Asil Oztekin	UMass Lowell
Dinesh R. Pai	Penn State Harrisburg
Fatma Pakdil	Eastern Connecticut University
Pedro M. Reyes	Baylor University
Nikhil Varma	Ramapo College of New Jersey

■ NEDSI 2022 UNDERGRADUATE/MASTER STUDENT POSTER COMPETITION COMMITTEE

Kathleen Ferris-Costa	Bridgewater State University
Kellyann Berube Kowalski	UMass Dartmouth
Krista Hill	Babson College
Jennifer A. Swanson	Stonehill College

David M. Levine Best Paper Award in Innovative Teaching

Simi Bot: A Text Data Mining Teaching Tool

Andres Fortino, New York University

Wukon Chen, New York University

Richard Briotta Best Paper Award in Knowledge Management/Strategy

Text Data Mining to Track Information Technology Trends

Andres Fortino, New York University

Yiying You, New York University

Bryant University Best Paper Award in Supply Chain Management and Logistics

Co-creation in New Product Development: Collaborating

with the Competitor in the Presence of a Shared Supplier

Abhishek Roy, Temple University

Best Ph.D. Student Paper Award

*A Conceptual Framework: The Role of Parents' Personal Mores
and Trust in a School-Based Telemedicine Program*

Farnaz Ghashami, Drexel University

Christopher Gantz, Jefferson University Hospitals

Best Contribution to Theory Award

The Network Factor of Equity Pricing: A Signed Graph Laplacian Approach

Ajim Uddin, New Jersey Institute of Technology

Best Application of Theory Award

*A Game-theoretic Model of the Consumer Behavior Under
Pay-What-You-Want Pricing Strategy*

Vahid Ashrafimoghari, Stevens Institute of Technology

Jordan Suchow, Stevens Institute of Technology

Best Overall Conference Paper Award

Network Centrality, Leadership, and Institutional Investors Portfolio Performance

Ajim Uddin, New Jersey Institute of Technology

Xinyuan Tao, New Jersey Institute of Technology

Assessing Cyber Security Threats Through Sentiment Analysis on Social Media

Grace Yepez, University of the District of Columbia
Demario Asquitt, University of the District of Columbia
Amit Arora, University of the District of Columbia
Anshu Arora, University of the District of Columbia

Chatbots for Cyber Security: Reducing Threats and Vulnerabilities

Chevell Parnell, University of the District of Columbia
Allan Muir, University of the District of Columbia
Amit Arora, University of the District of Columbia
Anshu Arora, University of the District of Columbia

Detection of COVID-19 & Pneumonia with X-Rays Images, Using Neural Networks (Graduate)

Natalia De La Fuente, New Jersey City University

How Social Robotics Supports Learning Development

Emily Osbourne, University of the District of Columbia
Anshu Arora, University of the District of Columbia
Amit Arora, University of the District of Columbia

Inflation Forecasting in Changing World

Dhwani Shah, New Jersey City University
EunSu Lee, New Jersey City University

**Loyal to Leader vs. Organization? The Influence of the Goal Discrepancy
Between Leader and Organization on Followers' Behaviors**

Rosa Pelaez Vinuela, Kean University
Zyasia Nash, Kean University

**Marketing Research on Brockopp Brewing Expansion Plan: Family-Owned Brewery in Valley
City, ND**

Taylor Sargent, Valley City State University
Reagan Ingstad, Valley City State University
Jocelyn Braunberger, Valley City State University
Jacob Gottenborg, Valley City State University
Minqwei Guo, Valley City State University

Slick Road Prediction Modeling to Support MBTA Winter Storm Planning (Graduate)

Yiwei Song, Boston University

Solar Power Industry in Colombia and the Cultural Impact on Its Development

Muriel Mena, Bridgewater State University

Xiangrong Liu, Bridgewater State University

TEAM – ROB-I-LEARN: Robotic Interventions for Learning. Developing Ethical Robots Engaged in Robotic Interventions for Students with Learning Disabilities

Grace Yopez, University of the District of Columbia

Andrew Sammonds, University of the District of Columbia

Chevell Parnell, University of the District of Columbia

Anshu Arora, University of the District of Columbia

Amit Arora, University of the District of Columbia

The Cross-National Comparative Business Practices Between the Philippines and United States of America

Glynnis Tan, Kean University

Justin Antonio, Kean University

The Effect of Emotional Intelligence and Shared Leadership and the Mediation Effect of Team Cohesion and Team Trust: IMOJ Model Approach

Justin Antonio, Kean University

Glynnis Tan, Kean University

The Effects of Length of Stay and Readmission on Total Charges of Total Knee and Hip Arthroplasty Patients (Graduate)

Tyler Wright, Eastern Connecticut State University

Fatma Pakdil, Eastern Connecticut State University

The Scale Development of a New Typology Model of Leader-Follower Relationships

Janell Laws, Kean University

Jephte Philippe, Kean University

Transparency in Online Community Moderation: The Case of Shadowbanning

Lea Burton, Stevens Institute of Technology

Jordan W. Suchow, Stevens Institute of Technology

Vahid Ashrafimoghari, Stevens Institute of Technology

**Vaccine Supply Chain Systems: A Systematic Literature Review Using
Operations Management Perspective**

Fatma Pakdil, Eastern Connecticut State University

Merita Cecunjanin, Eastern Connecticut State University

Aidan Dunn, Eastern Connecticut State University

Nancy Gonzalez, Eastern Connecticut State University

Nicole Thomassen, Eastern Connecticut State University

**Video-Based Risk Assessment for Insurance Companies and Drivers:
Demonstrating the Design Science Methodology**

Pete Treebumrung, California State University, Los Angeles

Pamella Howell, California State University, Los Angeles

**What Will Be the Future Regarding Remote Work and Will Remote Work
Continue or Go Back to Face to Face Interactions?**

Zyasia Nash, Kean University

Rosa Pelaez Vinuela, Kean University



BOSTON COLLEGE
Carroll School of Management

Ph.D. in Business Data Science



Our Ph.D. Program in Business Data Science

Data science is an emerging and rapidly growing field that has a profound impact on today's technology-driven business world. Martin Tuchman School of Management (MTSM) at New Jersey Institute of Technology (NJIT) offers a Ph.D. program in Business Data Science to educate the next generation of scholars and leaders to address the data needs of business.

Introduced in 2016, this cutting-edge, interdisciplinary program was the first of its kind in the United States. The program integrates business analytics and management systems theory with scientific methods from statistics and computing science to improve knowledge discovery and decision-making in business and management. Successful graduates become scientists, scholars or corporate leaders using data science to make informed decisions and create value in diverse business applications.



MTSM's rich cultural diversity is a source of competitive advantage because it prepares students to work in culturally diverse teams and adapt to unfamiliar environments.



Our Ph.D. Student's Highpoints

- 100% placement in prestigious institutes and corporations (e.g., PayPal and Amazon Web Services)
- Remarkable publication record including peer-reviewed journals, book chapters and conference proceedings (e.g., *Journal of the Association for Information Science and Technology*)
- Fellowship and grant support

Our College

Martin Tuchman School of Management (MTSM) features outstanding, dedicated faculty who pursue scholarly research in a myriad of areas, from marketing strategies and financial bubbles to organizational behavior, big data analytics, entrepreneurship, management information systems and operations management. As a college within a technological university, our students and faculty have the competitive advantage of studying and conducting research in a business school powered by technology.

MTSM is accredited by AACSB, the highest standard of achievement for business schools worldwide.



To learn more about
Martin Tuchman School of Management,
visit management.njit.edu



Our University

New Jersey Institute of Technology (NJIT) is one of the nation's leading R1 public polytechnic universities, preparing students to be leaders in the technology-dependent economy of the 21st century. Located in the vibrant University Heights district of downtown Newark, the university is just 20 minutes from New York City by rail, providing numerous cultural and business opportunities.



Contact Us

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Oya Tukel
Dean
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A Half Century of Scholarly Relevancy

Conference Program Schedule of Presentations

April 7-9, 2022

**The Robert Treat Hotel
Newark, NJ**

Deans' Panel

Friday, April 8

10:30 a.m., New Jersey Ballroom

Chair: Dr. Oya Tukel

Dr. Pierre Balthazard

Silberman College of Business, Fairleigh Dickenson University

Dr. Anthony R. Bowrin

Cotsakos College of Business, William Patterson University

Dr. Susan Elizabeth Lehrman

Rohrer College of Business, Rowan University

Dr. Lei Lei

Rutgers Business School, Rutgers University

Dr. Oya Tukel

Martin Tuchman School of Management, New Jersey Institute of Technology

Scholarly Journal Editors' Panel

Friday, April 8

8:30 a.m., Atlantic

Chair: Dr. Xenophon Koufteros

Journal of Operations Management

Dr. Tyson Browning, Texas Christian University

Decision Sciences Journal

Dr. Xenophon Koufteros, Texas A&M University

The Journal of Business in Developing Areas and Nations

The International Journal of Finance

Dr. John Malindretos, William Paterson University

Panel on Exploring Supply Chain Disruptions

and Resolutions due to the Pandemic

Friday, April 8

1:30 p.m., Morris

Chair: Prof. Theodora Sergiou

Mr. Richard Nuel Regional Manager, PoolCorp

Dr. Pedro M. Reyes, Baylor University

Prof. Theodora Sergiou, Georgian Court University

Dr. Junmin Shi, New Jersey Institute of Technology

Dr. Ashok Viswanathan, Best Buy

Leir Research Institute Panel -

Disruptive Innovations

Thursday, April 7

4:15 p.m., Essex

Chair: Dr. Michael Ehrlich

In this panel, Ph.D. students and faculty members of the Leir Research Institute for Business, Technology and Society at Martin Tuchman School of Management at NJIT will showcase some of their recent work on disruptive innovations. Topics will cover health care (pre-term birth), Bitcoin returns and investor portfolio performance.

Dr. Krystal Hunter, Cooper University Healthcare/
Cooper Medical School of Rowan University

Mr. Ajim Uddin, New Jersey Institute of Technology

Dr. Jinghua (Carolyn) Wang, New Jersey Institute of Technology

Thursday, 7 April

8am **Hot Breakfast Buffet—Sponsored by the University of Rhode Island, Office of the Dean, College of Business**
Pennsylvania Ballroom

8am **NEDSI 2022 Registration**
Ballroom Foyer

9am **Supply Chain Management and Logistics: Medley**
Atlantic
Chaired by: Dr. Pedro M. Reyes

Analyzing the Impact of Vessel Size and Investment into a Port
» [Dr. EunSu Lee](#)¹ (1. New Jersey City University)

Supply Chain Agility for Competitive Advantage in Apparel Industry: The Role of SCM Practice and Partnership Quality
» [Dr. Mohammed Jahed](#)¹ (1. St. Bonaventure University)

Did We Go too Far with JIT Inventory Planning and Control?
» [Dr. Pedro M. Reyes](#)¹, Dr. Patrick Jaska², Dr. John Visich³ (1. Baylor University, 2. University of Mary Hardin-Baylor, 3. Bryant University)

Managerial Capital in the Supply Chain: An Antecedent to a Superior Firm Performance
» [Dr. Yan Jin](#)¹, Dr. Julia Fullick-Jagiela¹ (1. Quinnipiac University)

9am **Accounting, Finance, Economics: Issues in Bank Valuation**
Hudson
Chaired by: Dr. Chiaku Chukwuogor



A Comparative Analysis of the Determinants of the United States and United Kingdom Banks' Profitability

» Dr. Ikechukwu Ndu¹, Dr. Emmanuel Anoruo², Dr. Chiaku Chukwuogor³ (1. University of Southern Maine, 2. Coppin State University, 3. Eastern Connecticut State University)

The Lebanese Banking Crisis: An Exploration of the Impaired Banking System

» Dr. Samar Issa¹ (1. Saint Peters University)

Extreme Weather Patterns and Risk Assessment Strategies by Banking Industry: A survey

» Dr. Demetri Tsanacas¹ (1. William Paterson University)

9am

Big Data, Analytics, & Knowledge Management: Data Analytics I: Bitcoin & Other Applications

Essex

Chaired by: Prof. Asil Oztekin

Analytical Models for Predicting Bitcoin Price

» Ms. Bianca Berman¹, Dr. Ahmad Vakil² (1. St. John's University, 2. St. John's University, Business Analytics & Information Systems, Tobin College of Business)

An Investigation of the predictability of uncertainty indices on Bitcoin returns

» Dr. Carolyn Wang¹, Dr. Geoffrey Ngene², Dr. Yan Shi³ (1. New Jersey Institute of Technology, 2. Mercer University, 3. University of Wisconsin)

CHAC-olate: A Machine Learning Approach to Understanding the Effects of Rainfall on Cacao Trees During the Mayan Era

» Ms. Amanda Nitting¹, Dr. Jay Liebowitz¹ (1. Seton Hall University)

9am

Cyber Security, IT & ET: Challenges in Technology Transformation

Passaic

Chaired by: Dr. Fariborz Partovi

Continued from **Thursday, 7 April**

Hotel Technology Selection

» Dr. Jin Fang¹, Dr. Fariborz Partovi² (1. Clark University, 2. Drexel University)

IT Transformation at Smithfield Foods: From On-Premises Data Center to a Cloud-Based ERP System

» Dr. Dmitriy Shaltayev¹, Dr. Robert Hasbrouck¹ (1. Christopher Newport University)

9am

DDS, ML & AI: Machine Learning & People

Bergen

Chaired by: Mr. Necdet Gurkan

Ensemble Learning Framework to Identify the Key Factors that Leads to Attrition in Software Professionals

» Mr. Aariz Faizan Javed¹, Mr. Syed Abdullah Ashraf¹, Dr. Pradip Kumar Bala¹, Dr. Rashmi Jain² (1. Indian Institute of Management Ranchi, 2. Montclair State University)

Exploring the Perceptions of Chinese Business Professionals Towards AI Technology

» Dr. Sung Shim¹ (1. Seton Hall University)

A Virtual Assistant for Moderators: Enforcing Social Norms in Online Communities

» Mr. Necdet Gurkan¹, Prof. Jordan W. Suchow¹ (1. Stevens Institute of Technology)

9am

Education, Curriculum & Cases: Education I

Morris

Chaired by: Dr. Colleen Carraher Wolverton

Identifying the Core Antecedents to Positive Online Learning

» Mr. Amal Jacobson¹, Dr. Alex Pelaez², Dr. Elaine Winston² (1. Progressive School of Long Island, 2. Hofstra University)



Implementing a Mobile Technology in an Online Healthcare IT Course: A Case Study

» Dr. Colleen Carraher Wolverton¹ (1. University of Louisiana at Lafayette)

Text Data Mining To Track Information Technology Trends

» Dr. Andres Fortino¹, Ms. Yiyang You¹ (1. NYU)

Technology Readiness: Does it Matter in Online Learning Environments?

» Dr. Mohammed Raja¹, Dr. Ravi Narayanaswamy² (1. York, 2. University of South Carolina - Aiken)

10:30am

Supply Chain Management and Logistics: Networks

Atlantic

Chaired by: Dr. Jim Shi

Renewable hybrid energy supply chain network: A dynamic optimization model for a cleaner energy mix

» Dr. Raza Rafique¹, Dr. Mohsin Jat², Dr. Hakeem-Ur- Rehman³, Dr. Muhammad Adnan Zahid Chudhery⁴ (1. Kean University, School of Management and Marketing, Union, 07083, NJ, 2. Edwards School of Business, University of Saskatchewan, Saskatoon, Canada, 3. University of the Punjab, Lahore, Pakistan, 4. International Institute of Finance, School of Management, University of Science and Technology of China, Hefei, 230026, Anhui, China)

The Evolution of Supply Chain Network Structures of Major Global Brands

» Dr. James Minas¹, Dr. Natalie Simpson² (1. St. John's University, 2. University at Buffalo)

10:30am

Accounting, Finance, Economics: Topics in Accounting & Economics

Hudson

Chaired by: Dr. J.D Jayaraman

Macroeconomic Risk and Hedge Fund Returns Revisited

» Dr. James Forest¹, Dr. Scott Mackey² (1. SUNY New Paltz, 2. Roger Williams University)

Continued from **Thursday, 7 April**

Survey of the Usage of Data Analytics in Auditing

» Dr. Theresa Henry¹, Dr. Mark Holtzman¹, Dr. David Rosenthal¹, Dr. Rob Weitz¹ (1. Seton Hall University)

Simplification May Not be so Simple: Adoption of ASU 2021-08

» Dr. Nathan Slavin¹, Dr. Jianing Fang² (1. Hofstra University, 2. Kean University)

10:30am

Big Data, Analytics, and Knowledge Management: Topics in Knowledge Management

Essex

Chaired by: Prof. Peter Tashman

Knowledge Management during the Covid-19 Pandemic: A Case of Knowledge-Intensive Organization

» Dr. Shouhong Wang¹, Dr. Hai Wang² (1. University of Massachusetts Dartmouth, 2. Saint Mary's University)

AI-Enabled Knowledge Management in Organizations: Incentives for Knowledge Sharing

» Dr. Shankar Sundaresan¹, Dr. Zuopeng Zhang² (1. Rutgers University-Camden, 2. University of North Florida)

Network Centrality, Leadership, and Institutional Investors Portfolio Performance

» Mr. Ajim Uddin¹, Dr. Xinyuan Tao¹, Dr. Dantong Yu² (1. New Jersey Institute of Technology Martin Tuchman School of Management, 2. New Jersey Institute of Technology)

10:30am

DSS, ML & AI: Prediction for DSS

Passaic

Chaired by: Mr. Mohammad Bakhsh



Shared-Mobility Recommendation Through Reducing Repetitions in Traffic Networks

» Mr. Mohammad Bakhsh¹, Prof. Josephine Namayanja¹ (1. University of Massachusetts Boston)

The Role of AI Ethical Guidelines in Regulating Human Behavior

» Dr. Uma Gupta¹, Mr. Brian Smith¹ (1. University of South Carolina Upstate)

10:30am

Big Data, Analytics & Knowledge Management: Data Analytics II: Exploring Online Reviewing Systems & Data Science in Higher Education

Bergen

Chaired by: Dr. Suhong Li

Latent Dirichlet Allocation Topic Modeling and Doc2Vec with Genism: A Survey of Text Analysis Methods on Yelp Reviews

» Mr. Mojtaba Talaei-Khoei¹, Prof. Asil Oztekin¹, Prof. Ann Kronrod¹, Prof. Ali Dag² (1. Manning School of Business, University of Massachusetts Lowell, MA, USA, 2. Heider College of Business, Creighton University, Omaha, NE, USA)

Opinion Leader Detection Using Deep Learning

» Dr. Yang Li¹, Dr. Yanni Ping², Dr. Abdullah Albizri¹ (1. Montclair State University, 2. St. John's University)

Developing Story in Analytics Course

» Dr. Anil Aggarwal¹ (1. University of Baltimore)

10:30am

Education, Curriculum & Cases: Response to Covid-19

Morris

Chaired by: Dr. Carolyn LaMacchia

Disruptive Technologies to Build an Integrative Entrepreneurial Experience in a Post Pandemic World

» Prof. Eda Sanchez-Persampieri¹, Prof. Katja Schroeder², Prof. Vincent vazzana¹ (1. St Francis College, 2. St. Francis College)

Continued from **Thursday, 7 April**

Exploring the Role of Emotional Intelligence in Online Learning

» Dr. Mohammed Raja¹, Dr. Ravi Narayanaswamy² (1. York College of Pennsylvania, 2. University of South Carolina - Aiken)

Marketing the Olympic Games and the Winter Olympics: What's Changed Over Time?

» Dr. Elizabeth Elam¹, Mr. Curt Hamakawa¹ (1. Western New England University)

Increasing Student Engagement and Interaction in the Online Classroom: An Intensive Diverse High Impact Multi-Strategy Mini-Teaching Approach

» Dr. Ikechukwu Ndu¹ (1. University of Southern Maine)

12pm

Cherry Blossom Festival Visit (Box Lunch Provided)

Branch Brook Park

2pm

Coffee Break—Sponsored by Penn State Harrisburg, School of Business Administration

Ballroom Foyer

2:45pm

Supply Chain Management and Logistics: Strategy

Atlantic

Chaired by: Dr. Amelia Carr

Responsible Sourcing and Supply Chain Traceability

» Dr. Jen-Yi Chen¹ (1. Cleveland State University)

Sourcing for Critical Supplies in the Healthcare Supply Chain

» Dr. Amelia Carr¹ (1. Bowling Green State University)

Analytics Driven Decisions for Supply Chain Strategy in an Era of Change

» Dr. Ashok Viswanathan¹ (1. Best Buy)



2:45pm

Accounting, Finance and Economics: Valuation Studies

Hudson

Chaired by: Dr. Demetri Tsanacas

Modelling the Impact of the Covid-19 Pandemic on Earnings Management and Capital Management – The Case of Listed Banks in the United States

» Dr. Ikechukwu Ndu¹, Dr. Chiaku Chukwuogor², Dr. Emmanuel Anoruo³ (1. University of Southern Maine, 2. Eastern Connecticut State University, 3. Coppin State University)

The Network Factor of Equity Pricing: A Signed Graph Laplacian Approach

» Mr. Ajim Uddin¹ (1. New Jersey Institute of Technology)

Disruptive Taxation—A Case Study of How Financial Engineering Failed to Enhance Shareholder Value

» Dr. A J Stagliano¹ (1. Saint Joseph's University)

2:45pm

Operations Management: Advanced Topics in Operations Management

Essex

Chaired by: Dr. Javad Paknejad

Poisson-Binomial Distribution for Conforming Units in a Continuous-Review (s,Q) Model with Backorders and Reworks

» Dr. Javad Paknejad¹, Dr. John F. Affisco¹, Dr. Farrokh Nasri¹ (1. Hofstra University)

Information Integration for Optimization of Cross-Docking Operations

» Dr. Cheickna Sylla¹ (1. MTSM, NJIT)

Developing Scheduling Methods to Meet Quantities and Due Dates of Orders

» Prof. sangoh shim¹ (1. Hanbat National University)

Continued from **Thursday, 7 April**

Forecasting for Datasets with Seasonality: Is it necessary to de-seasonalize the data first?

» [Dr. Mustafa Canbolat](#)¹ (1. SUNY Brockport)

2:45pm

Cyber Security, IT & ET: Leveraging and Adopting to Emerging Technologies

Passaic

Chaired by: Dr. Adilson Yoshikuni

Effects of IT-Enabled Dynamic Capabilities on Organizational Agility in Innovation: Empirical Research in the Context of Developing Economy

» [Dr. Adilson Yoshikuni](#)¹, Mr. Murilo Almeida², Dr. Rajeev Dwivedi³ (1. Mackenzie Presbyterian University, 2. Fundação Getulio Vargas - EASESP, 3. Eastern Washington University)

Evaluation and Review of Cybersecurity Forensic Tools Available for the Raspberry Pi

» [Prof. Stanley Mierzwa](#)¹, Mr. Benjamin Lorenc¹ (1. Kean University)

A Research Study Proposed to Examine the Effect of Software Customization on Software Startup Projects.

» Dr. Sudhaman Parthasarathy¹, [Dr. Girish Subramanian](#)² (1. Thiagarajar College of Engineering, 2. Penn State Harrisburg)

2:45pm

Decision Making in Public Administration

Bergen

Chaired by: Mr. Neil Desnoye

An Overview of Chinese Joint Ventures and “Made in China 2025” Plan

» [Dr. Shaoping Zhao](#)¹, Dr. Haidong Liu¹ (1. Stockton University)



Using Data Envelopment Analysis to Measure and Improve Organizational Performance

» Prof. THOMAS SEXTON¹, Prof. Christine Pitocco¹, Prof. Herbert Lewis¹
(1. College of Business, Stony Brook University)

Reengineering Bureaucracy in Public Administration for Better Decision Making

» Dr. Mysore Ramaswamy¹ (1. Southern University, Baton Rouge)

Motivating Loyal Bureaucrats in Sequential Agency

» Dr. Alexander Rodivilov¹, Dr. Dongsoo Shin² (1. Stevens Institute of Technology, 2. Leavey School of Business, Santa Clara University)

2:45pm

Education, Curriculum & Cases: Applied Learning Techniques

Morris

Chaired by: Dr. Yana Samuel

PESTLE Analysis and Organizational Strategy: Coal in WY

» Dr. Heidi Hughes¹ (1. Central Connecticut State University)

Simi Bot: A Text Data Mining Teaching Tool

» Dr. Andres Fortino¹, Mr. Wukun Chen¹ (1. NYU)

Introducing Causal Inference Using Bayesian Networks and do-Calculus

» Dr. Tim Lu¹ (1. University of Maine)

4:15pm

Innovation & Creativity: Creativity & Innovation

Atlantic

Chaired by: Mr. Neil Desnoye

Leveraging IDEAs for Individual and Organizational Development

» Dr. Eric W. Stein¹, Dr. Denise Potosky¹ (1. Penn State)

Creativity and Innovation: A Critical Review

» Mr. Neil Desnoye¹ (1. Saint Joseph's University)

Continued from **Thursday, 7 April**

4:15pm **Human-Technology Interface**

Hudson

Chaired by: Dr. Joy Field

Digital and Organizational Transformation: Navigating Ever-shifting Technology Tides

» Ms. Angela Cook¹ (1. University of Southern Maine)

Disruptive Technologies Transforming Emerging Strategic Opportunities in Healthcare

» Dr. Deborah Helman¹, Dr. Eric Addeo¹, Dr. Michael Faulkner¹, Dr. David Walters² (1. DeVry University, 2. UTS)

Mobile Based Augments Reality Games: A Study from Hedonic Motivation System Adoption Model Perspective

» Mr. Syed Abdullah Ashraf¹, Mr. Aariz Faizan Javed¹, Dr. Pradip Kumar Bala¹, Dr. Rashmi Jain² (1. Indian Institute of Management Ranchi, 2. Montclair State University)

4:15pm **Leir Research Institute Panel - Disruptive Innovations**

Essex

Chaired by: Dr. Michael Ehrlich

4:15pm **Legal, Ethical & Social Issues: Learning & Practicing Ethics & Business Law**

Passaic

Chaired by: Dr. EunSu Lee

Implicit Bias is Not a Fairytale: From the Classroom to the Courtroom: The Connection Between Racial Bias in Early Education and its Impact on Stereotypes and Interactions with the Criminal Justice System

» Prof. Glen M. Vogel¹ (1. Hofstra University)



Innovative Approaches to Teaching Ethics

» Prof. Deborah Kleiner¹, Dr. Hershey Friedman², Prof. James Lynch² (1. St. John's University, Tobin College of Business, Dep't of Law, 2. Koppelman School of Business, Brooklyn College, CUNY)

Investigating the Influence of Learning Robotic Process Automation on Artificial Intelligence Anxiety

» Dr. Alsius David¹ (1. SUNY Oneonta)

Elderly Fraud: Profiling the Crime using Data

» Dr. Ahmet Ozkul¹, Ms. Francesca Tujak-Weiss¹ (1. University of New Haven)

4:15pm

Strategy & OB: The Modern Corporation & Society

Bergen

Chaired by: Dr. Haleh Karimi

Who Matters, and How Does it Matter? Examining Differences in Stakeholder Influences and Environmental CSR Actions

» Prof. Shobha Das¹ (1. IFMR Graduate School of Business, Krea University)

The Role of CEO Compensation in Explaining R&D Investment and Corporate Political Strategy

» Dr. Mine Ozer¹ (1. SUNY Oneonta)

Innovation Management Strategies: An Analysis of Success Factors to Achieve Desired Societal and Organizational Outcomes

» Dr. Haleh Karimi¹ (1. Bellarmine University)

Monte Carlo Simulation for Power Analysis Designing Longitudinal Studies

» Dr. Simcha Pollack¹ (1. St. John's University)

4:15pm

Inchange BV Workshop: Discover the power of experiential learning with the World's leading business games in Value Chain Management.

Morris

Chaired by: Mr. Charles Nemer

Northeast Decision Sciences Institute 2022 07 - 09 Apr 2022

Continued from **Thursday, 7 April**

6:30pm **President's Reception—Sponsored by Bentley University**
New York Ballroom

Friday, 8 April

8am **Hot Breakfast Buffet—Sponsored by Rutgers Business School Supply Chain Management**
Pennsylvania Ballroom

8am **NEDSI 2022 Registration**
Ballroom Foyer

8:30am **Scholarly Journal Editors' Panel**
Atlantic
Chaired by: Dr. Xenophon Koufteros

8:30am **Big Data, Analytics, and Knowledge Management: Data Analytics III- Exploring Social Media Data**
Hudson
Chaired by: Mr. Ajim Uddin

Cross-Country Analysis of the Psychological Impact of the COVID-19 Pandemic Through Social Media

» [Mr. Jason Michaud](#)¹, [Dr. Suhong Li](#)¹ (1. Bryant University)

Emoji Prediction and Emotion Analysis of Covid-19 Tweets Mentioning Masks

» [Dr. Suhong Li](#)¹ (1. Bryant University)



Re-examining Social Media Data: Reducing Bias and Disinformation in Natural Language Processing Systems

» [Dr. Jin-A Choi](#)¹, Dr. Rajiv Kashyap¹, Dr. Cyril Ku¹, Dr. Jim Samuel² (1. William Paterson University of New Jersey, 2. Rutgers)

Opportunities and Challenges of Implementing Real-Time Data Warehousing in Higher Education

» [Ms. Liping Qin](#)¹, Dr. Rhoda Joseph¹ (1. Penn State Harrisburg)

8:30am DDS, ML & AI: Methodologies

Essex

Chaired by: Dr. Gazi Duman

Clustering Uncertain Data with Fuzzy Kernel K-Medoids Algorithm

» [Prof. Behnam Tavakkol](#)¹, Prof. Youngdoo Son² (1. Stockton University, 2. Dongguk University-Seoul)

Forecasting Electronic Waste Using Improved Multi-Variate Grey Models with Residual Modification

» [Dr. Gazi Duman](#)¹, Dr. Elif Kongar², Dr. Surendra Gupta³ (1. University of New Haven, 2. Fairfield University, 3. Northeastern University)

Severity Prediction Models to Support MBTA Winter Storm Planning

» Prof. John Maleyeff¹, Mrs. Yiwei Song¹, Ms. Ruoqia Peng¹, [Ms. Xiaotong \(Claire\) Ding](#)¹ (1. Boston University)

8:30am Accounting, Finance, Economics: Performance & Valuation

Bergen

Chaired by: Dr. Ikechukwu Ndu

8:30am Employee Reviews Dispersions and Firm Performance

» [Ms. Ji Sui](#)¹, Dr. Feng Mai¹, Dr. Jing Chen¹ (1. Stevens Institute of Technology)

8:45am Option pricing with machine learning

» [Dr. J.D Jayaraman](#)¹ (1. New Jersey City University)

Continued from Friday, 8 April

9am **Toward a Single Framework of Environmental and Financial Disclosure by Companies, An Unsustainable Silence**

» [Dr. Carmen Quirvan](#)¹ (1. The University of Rhode Island)

8:30am **Healthcare Analytics & Services Management: Applications of ML to Improve Patient Care**

Passaic

Chaired by: Dr. Aichih Chang

Improving Outpatient Appointment Scheduling in Multi-Domain Clinics by Machine Learning Techniques

» Prof. Davood Golmohammadi¹, [Prof. David Dreyfus](#)², Mr. Lingyu Zhao¹ (1. University of Massachusetts Boston, 2. Rutgers Business School)

Machine Learning Models for Prediction of COVID-19 Cases and Deaths: Hyperparameter Optimization and Performance Evaluation

» [Mr. Mojtaba Talaei-Khoei](#)¹, Mr. James Rolleri¹, Prof. Asil Oztekin¹ (1. Manning School of Business, University of Massachusetts Lowell, MA, USA)

Predicting and Explaining Quality in Home Healthcare Agencies: A Machine Learning Approach

» [Dr. Mehmet Kilinc](#)¹, Dr. Furkan Oztanriseven¹ (1. Le Moyne College)

8:30am **Marketing & Consumer Behavior: Topics in Marketing & Consumer Behavior I**

Morris

Chaired by: Dr. Anshu Arora

A Game-theoretic Model of the Consumer Behavior Under Pay-What-You-Want Pricing Strategy

» [Mr. Vahid Ashrafimoghari](#)¹, Prof. Jordan W. Suchow² (1. Stevens Institute of Technology, 2. Stevens Institute of Technology)



Shortening the Sales Cycle: A Quantitative Study Linking Construal Level Theory and Choice in Financial Services

» Dr. Kevin McGarvey¹, Dr. David Gefen¹ (1. Drexel University)

Using Analytics to Quantify the Best Advertising Medium

» Dr. Joseph Catanio¹, Mr. Nathan Neil² (1. Shippensburg University, 2. LaunchUX)

What Factors Influence Hypermarket Sales? Using Buyer Behavior Framework to Explore the Consumer Buying Habits

» Mr. Aariz Faizan Javed¹, Mr. Syed Abdullah Ashraf², Dr. Pradip Kumar Bala², Dr. Rashmi Jain³ (1. IIM Ranchi, 2. Indian Institute of Management Ranchi, 3. Montclair State University)

10am **Coffee Break**
Ballroom Foyer

10am **Undergraduate/Graduate Research Posters**
Ballroom Foyer

10:30am **Deans' Panel**
New Jersey Ballroom
Chaired by: Dr. Oya Tukel

10:30am **Education, Curriculum & Cases: Teaching Techniques I**
Essex
Chaired by: Dr. Yan Jin

Exemplars: Show me, then I'll show you

» Dr. Carolyn LaMacchia¹ (1. Bloomsburg University of Pennsylvania)

Continued from Friday, 8 April

Developing a Marketing Elective to Incorporate Personal Branding Concepts with Career Service Resources

» Dr. Kathleen Ferris-Costa¹ (1. Bridgewater State University)

Engagement Fellows: Partnerships to Improve Learning and Support in Quantitative Courses

» Dr. Julia Fullick-Jagiela¹, Dr. Nitish Patidar¹, Dr. Yan Jin¹ (1. Quinnipiac University)

10:30am

Strategy & OB: Leadership & Organizational Effectiveness

Bergen

Chaired by: Dr. Nikhil Varma

Narcissism, Leadership, Societal Culture and Firm Performance: A Cross-National Study of American, Chinese and Polish Firms

» Dr. Mark Somers¹, Dr. Jose Casal¹, Dr. Yuchao Ma², Dr. Tsutomu Ito³, Dr. Takao Ito⁴, Dr. Jolanta Mazur⁵, Dr. Rajiv Mehta¹ (1. New Jersey Institute of Technology, 2. Wuhan University of Textiles, 3. Ube National College of Technology, 4. University of Hiroshima, 5. Warsaw School of Economics)

"Fighting the Last War": The Importance of Organizational Resilience and Leadership Agility in the Digital Age

» Dr. Sarah Hertz¹, Dr. Hershey Friedman² (1. Empire State College, SUNY, 2. Koppelman School of Business, Brooklyn College, CUNY)

Exploring Organizational Ambidexterity Readiness with Machine Learning

» Dr. Nikhil Varma¹, Dr. Chirag Surti² (1. Ramapo College of New Jersey, 2. Rider University)

10:30am

Healthcare Analytics & Services Management: Role of Technology in Enhancing Healthcare Delivery

Passaic

Chaired by: Dr. Edward Chen



- 10:30am **Digitalization of the Medical Field and the Use of Healthcare Information Systems**
» Dr. Edward Chen¹ (1. University of Massachusetts Lowell)
- 10:45am **Improving Data Transparency in Clinical Trials Using Blockchain Technology**
» Prof. Afrooz Moatari-Kazerouni¹, Prof. Amin Keramati¹ (1. Assistant Professor, Widener University)
- 11am **Economics of Introducing a Mobile Clinic as an Added or Exclusive Modality for Dialysis Service**
» Dr. Mona Jabbari¹, Prof. Nagesh Murthy², Dr. Eren Cil² (1. Providence College, 2. University of Oregon)
- 12pm **Lunch (On Your Own)**
- 12pm **NEDSI Board Meeting**
Medallion Restaurant
- 1:30pm **Supply Chain Management and Logistics: Chain Future Leaders I**
Atlantic
- Inditex's ESG Performance in a Global Financial Market**
» Ms. Sara Habig¹, Prof. Cathy Zheng¹ (1. Bryant University)
- Port Congestion Chaos and Our Remedy**
» Mr. Alexander Singer¹, Prof. Amy Xia² (1. College of William & Mary, 2. Professor)
- Shuffled Frog Leaping Algorithm for Solving Multi-Objective U-Shaped Disassembly Line Balancing Problem**
» Mr. Pengfei Yao¹, Dr. Surendra Gupta¹ (1. Northeastern University)
- 1:30pm **Big Data, Analytics, and Knowledge Management: Understanding Big Data & SCM Performance**
Hudson
Chaired by: Dr. Dantong Yu

Continued from **Friday, 8 April**

Big Data: Concerns and Clarifications

» Dr. Jinchang Wang¹ (1. Stockton University)

Big Data Analytics and Supply Chain Management, and Firm Performance

» Dr. Steve ZHOU¹ (1. University of Houston Downtown)

Understanding and Analyzing the Strengths and Weaknesses of Corporate Social Actions

» Mrs. JIE LI¹, Prof. Peter Tashman¹, Dr. Joseph Gonzales², Prof. Asil Oztekin³ (1. Manning School of Business, University of Massachusetts Lowell, Massachusetts, USA, 2. Department of Psychology, University of Massachusetts Lowell, MA, USA, 3. Manning School of Business, University of Massachusetts Lowell, MA, USA)

1:30pm

DDS, ML & AI: Classification & Performance

Essex

Chaired by: Mr. Mojtaba Talaei-Khoei

Leaf Classification using FGIC Tasks via Transfer Learning

» Dr. Hien Nguyen¹, Mr. Dev Juneja¹ (1. Penn State Harrisburg)

Performance of Machine Learning under Noise

» Prof. Amit Das¹ (1. IFMR Graduate School of Business, Krea University)

Shifts in Religious and Social Attitudes and Behaviors in Response to COVID-19: Understanding the Change in Work Orientation Dynamics within the American Workforce in Response to the Pandemic

» Mr. Mojtaba Talaei-Khoei¹, Dr. Joseph Gonzales², Prof. Asil Oztekin¹, Prof. Kimberly Merriman¹ (1. Manning School of Business, University of Massachusetts Lowell, MA, USA, 2. Department of Psychology, University of Massachusetts Lowell, MA, USA)



1:30pm

Accounting, Finance, Economics: Education & Ethics

Bergen

Chaired by: Dr. Carmen Quirvan

Disruptive Education of College of Business Students after the 2008 U.S. Financial Crisis in a Post-Pandemic World

» Dr. Carmen Quirvan¹ (1. The University of Rhode Island)

Business Ethics: Talmudic View

» Prof. Chani Mintz¹, Dr. Hershey Friedman¹ (1. Koppelman School of Business, Brooklyn College, CUNY)

Consumers' Intention to Adopt Mobile Payment: A Case Study of Taiwan's Retail Industry

» Mr. Yong-Cheng Chang¹, Dr. Ja-Shen Chen² (1. jeng1021@gmail.com, 2. jchen@saturn.yzu.edu.tw)

1:30pm

Healthcare Analytics & Services Management: Topics in Healthcare

Passaic

Chaired by: Dr. Krystal Hunter

Climate Change Impacts on Boston Hospitals

» Mr. David Weidman¹, Dr. Canan Corlu¹, Ms. Pennart Klanwari¹, Ms. Jiayi Pan¹ (1. Boston University)

A Re-Examination of the Relationship between Race and Preterm Birth

» Dr. Krystal Hunter¹, Dr. Michael Ehrlich², Dr. Jocelyn Mitchell-Williams³ (1. New Jersey Institute of Technology, 2. New Jersey Institute of Technology Martin Tuchman School of Management, 3. Cooper Medical School of Rowan University)

A Conceptual Framework: The Role of Parents' Personal Mores and Trust in a School-Based Telemedicine Program

» Ms. Farnaz Ghashami¹, Dr. Christopher Gantz², Dr. David Gefen¹ (1. Drexel University, 2. Jefferson University Hospitals)

Continued from **Friday, 8 April**

Significance of Cultural Competency in Mental Health Services and the Importance of Mental Health Workers to Adopt and Utilize this Skill

» Ms. Ramya Murthy¹, Mr. Dan Tenney² (1. The, 2. Eastern Connecticut State University)

1:30pm

Panel on Exploring Supply Chain Disruptions and Resolutions due to the Pandemic

Morris

Chaired by: Prof. Theodora Sergiou

3pm

Coffee Break

Ballroom Foyer

3pm

Undergraduate/Graduate Research Posters

Ballroom Foyer

3:30pm

Strategy & OB: Competence, Disclosure & Decision Making

Atlantic

Chaired by: Prof. Kristen DeTienne

Analysis of Tactical Decision-Making of Undergraduate Course Coordinators of a Community Higher Education Institution in Brazil

» Dr. Eduardo Bugallo¹, Dr. Paulo Fossatti¹, Dr. Jefferson Monticelli¹ (1. La Salle University)

The Eyes of the Beholder: Disclosing Different Types of Conflict of Interest

» Prof. David Cherrington¹, Prof. Kristen DeTienne¹ (1. Brigham Young University)



Competences of the manager of the XXI century from the leader chat series of the newspaper of Canoas

» Dr. Paulo Fossatti¹, Ms. Louise da Silva¹, Ms. Charlene Luz¹, Dr. Eduardo Bugallo¹ (1. La Salle University)

3:30pm

Supply Chain Management and Logistics: Chain Future Leaders II
Hudson

Barriers to Blockchain Implementation within Supply Chain: Analysis in Manufacturing, Transportation and Retailing Sectors

» Ms. Soode Vaezinejad¹, Prof. Douglas Hales¹ (1. university of rhode island)

The US Port Congestion, the Value Destroyer for the Supply Chain Competitiveness

» Mr. Anish Surya¹, Prof. Douglas Hales² (1. University of Rhode Island, College of Business, 2. university of rhode island)

Logistics Digitization and the firm performance: The moderating role of Paradoxical Leader Behavior

» Mr. Muhammad Hasan Ashraf¹, Dr. Anis Triki¹, Dr. Mehmet Yalcin¹ (1. University of Rhode Island, College of Business)

Revisiting Supply Chain Flows: A Road Map Through Paradox Lens

» Mr. Muhammad Hasan Ashraf¹, Dr. Mehmet Yalcin¹ (1. University of Rhode Island, College of Business)

3:30pm

Education, Curriculum & Cases: Teaching Techniques II
Essex

Chaired by: Dr. Bhupinder S. Sran

Teamwork and Collaboration Tools for the Virtual Classroom

» Dr. Kellyann Kowalski¹, Dr. swanson, jennifer² (1. University of Massachusetts Dartmouth, 2. Stonehill College)

The Lived Experiences of Adult Learners in an Individualized Program: Empowerment, Responsibility, Tensions, and Anxiety

» Prof. Daniel Woldeab¹, Prof. gemma punti¹, Prof. Richard Bohannon¹ (1. Metropolitan State University)

Continued from **Friday, 8 April**

Best Practices for Online Live Asynchronous Interaction in Online Courses

» Dr. Bhupinder S. Sran¹, Dr. John W. Weber¹ (1. DeVry University)

3:30pm

Operations Management: Project Management & New Product Development

Passaic

Chaired by: Dr. Abhishek Roy

A Real Options Approach to Evaluating Ergonomics Projects to Reduce Musculoskeletal Disorders in the Workplace

» Dr. Cheickna Sylla¹ (1. MTSM, NJIT)

Co-creation in New Product Development: Collaborating with the Competitor in the Presence of a Shared Supplier

» Dr. Abhishek Roy¹ (1. Fox School Of Business At Temple University)

A New Formulation for Multi-Mode Resource-Constrained Project Scheduling Problem

» Prof. Amin Keramati¹, Prof. Afrooz Moatari-Kazerouni², Prof. Joseph Szmerekovsky³ (1. Assistant Professor, Widener University, 2. Assistant Professor, 3. Professor, North Dakota State University)

Plastic Crisis: A Business Data-Driven study on the Evolution of its Practice and Research

» Ms. Nesreen El-Rayes¹, Dr. Jim (Junmin) Shi¹ (1. New Jersey Institute of Technology Martin Tuchman School of Management)

3:30pm

Legal, Ethical & Social Issues: Corporate Social Responsibility & Social Entrepreneurship

Morris

Chaired by: Dr. Kihwan Kim



3:30pm

Corporate Social Responsibility and Prosocial Motivation in the Workplace During Covid-19 Pandemic

» Dr. C. Christopher Lee¹, Mr. Juan Murillo¹, Mr. Michael Inabinet¹, Mr. Kyle Welch¹, Mr. Elijah Amoah¹, Dr. Heechang Shin² (1. Central Connecticut State University, 2. Iona College)

3:45pm

Social Entrepreneurship Development: From the Perspective of Michael Porter's Diamond Model

» Dr. Kihwan Kim¹ (1. Kean University)

4pm

Meta-Analysis on the Antecedents of Social Entrepreneurial Intention: Comparison between Developed and Developing Countries

» Dr. Kihwan Kim¹ (1. Kean University)

4:15pm

Triple-Effect of Corporate Governance, Managerial Ability, and Corporate Social Responsibility on Firm Performance: a Longitudinal Study

» Prof. Qing (Ray) Cao¹, Prof. Vicky Gu² (1. University of Houston-Downtown, 2. University of Houston-Clear Lake)

3:30pm

Inchange BV Workshop: Discover the power of experiential learning with the World's leading business games in Value Chain Management.

Bergen

Chaired by: Mr. Charles Nemer

5pm

NEDSI General Business Meeting

New Jersey Ballroom

6:30pm

Gala Awards Dinner

New York Ballroom

Saturday, 9 April

8am **Coffee & Muffins**
Ballroom Foyer

8:30am **NEDSI 2022 Registration**
Ballroom Foyer

9am **Accounting, Finance, Economics: International Issues**
Atlantic
Chaired by: Dr. John Malindretos

Middle-Income Countries: Today's Changes for the Purpose of the Future

» Ms. Turana Zamanova¹ (1. The University of Rhode Island)

Multinational Company Translation Foreign Exchange Exposure: An Application

» Dr. Augustine Arize¹, Dr. John Malindretos², Dr. Alex Panayides², Dr. Demetri Tsanacas² (1. Texas A&M, 2. William Paterson University)

9am **Education, Curriculum & Cases**
Morris
Chaired by: Dr. Alexander Rodivilov

Entrepreneurship Education with Societal Significance: Protocols for Aiming Higher

» Dr. Cesar Bandera¹, Dr. Regina Collins¹ (1. New Jersey Institute of Technology)

Culturally Adaptive Thinking in Education (CATE): Strategies for Assuaging Algorithmic Bias and Artificial Intelligence Risks Concerns in Learners

» Dr. Yana Samuel¹, Dr. Margaret Brennan - Tonetta², Dr. Jim Samuel², Dr. Rajiv Kashyap³, Dr. Alex Pelaez⁴ (1. Northeastern University, 2. Rutgers University, 3. William Paterson University of New Jersey, 4. Hofstra University)



Eastern vs. Western Education: Too Much or Too Little Exploration?

» [Dr. Alexander Rodivilov](#)¹, Dr. Luca Picariello² (1. Stevens Institute of Technology, 2. CSEF- Center for Studies in Economics and Finance)

9am

Healthcare Analytics & Services Management: Performance Evaluation of Healthcare Facilities

Hudson

Chaired by: Dr. Chamila Kalpani Dissanayake

Improving Nursing Home Quality Using Data Envelopment Analysis

» [Prof. THOMAS SEXTON](#)¹, [Prof. Christine Pitocco](#)¹ (1. College of Business, Stony Brook University)

Is it Time for the Healthcare Providers to Rethink Their Service Delivery Strategy? A Regression Analysis Using PA Hospitals

» [Dr. Chamila Kalpani Dissanayake](#)¹, Dr. Dinesh R. Pai² (1. Penn State University at Brandywine, 2. Pennsylvania State University at Harrisburg)

Using DEA to Determine Hospital Efficiency in Reducing HAI Prevalence

» [Prof. Herbert Lewis](#)¹, Prof. Christine Pitocco¹, Ms. Veda Sripada² (1. College of Business, Stony Brook University, 2. Department of Applied Mathematics and Statistics, Stony Brook University)

Clustering Hospitals to Analyze the Feasibility of Community Paramedicine Interventions

» [Dr. Mehmet Kilinc](#)¹ (1. Le Moyne College)

9am

DDS, ML & AI: DSS in Supply Chain & Marketing

Passaic

Chaired by: Dr. Pablo Rivas

An AI Based Model to Disrupt the Relational Supply Chain

» [Dr. Nikhil Varma](#)¹, Dr. Chirag Surti² (1. Ramapo College of New Jersey, 2. Rider University)

Continued from **Saturday, 9 April**

Deep Modular Co-Attention Networks for Online Product Matching

» Ms. Yangyang Yu¹, Ms. Ruijing Yang¹, Dr. Jordan W. Suchow¹, Dr. Rong Liu¹ (1. Stevens Institute of Technology)

Learning Low-Dimensional Representations of Marketing Data with Quantum Machine Learning

» Dr. Pablo Rivas¹, Dr. Liang Zhao² (1. Baylor University, 2. St. Ambrose University)

9am

Marketing & Consumer Behavior: Topics In Marketing & Consumer Behavior II

Essex

Chaired by: Dr. Anshu Arora

Impact of Covid-19 on Consumer Preference for an App-Based vs. Street-Hailed Taxi Ride: An Empirical Analysis of New York City Taxi Industry

» Dr. Prashanth Ravula¹ (1. New Jersey City University)

Using Regression Analysis to Estimate the Impact of Human Trafficking Interventions in the U.S.

» Dr. Vernon Murray¹, Ms. Ashlyn Smith¹ (1. Marist College)

Impact of Various Marketing Theories and Software Applications on Small Colleges

» Dr. Melissa Ford¹ (1. County College of Morris)

10:30am

Education, Curriculum & Cases: Case Studies & Assignments

Atlantic

Chaired by: Dr. Andres Fortino

Bringing Industry into the Classroom: Supply Chain Mapping Project in Global Supply Chain Management Courses

» Mr. Muhammad Hasan Ashraf¹, Dr. Koray Ozpolat¹, Dr. Mehmet Yalcin¹ (1. University of Rhode Island, College of Business)



Integrating Sustainability and Data Analysis in Teaching Service Operations Management through a Collaborative University Business Experiences (CUBEs) Project

» [Dr. Xiangrong Liu](#)¹, Dr. Robert Hellström², Dr. Stephanie Jacobsen² (1. Bridgewater State University, 2. Bridgewater State University)

Exploring the UTAUT Model for Learning Management System Use with Business Analytics Education

» [Dr. Ellen Belitzky](#)¹, Dr. Gazi Duman¹ (1. University of New Haven)

10:30am

Strategy & OB: Generations & Attitudes

Morris

Chaired by: Dr. Heidi Hughes

Gen Z: Our Future

» [Mr. Jonathan Adrien](#)¹, Dr. Minyoung Cheong² (1. Penn State University - Great Valley, 2. PSU at Great Valley)

Generation Z and Workplace Expectations and Attitudes

» [Dr. Heidi Hughes](#)¹, Dr. Joo Eng Lee-Partridge¹ (1. Central Connecticut State University)

10:30am

Healthcare Analytics & Services Management: Applications of Analytics in Healthcare

Hudson

Chaired by: Prof. Fatma Pakdil

Monitoring Length of Stay and Readmissions of Chronic Obstructive Pulmonary Disease (COPD) Patients: A Control Chart-Based Time Series Analysis

» [Prof. Fatma Pakdil](#)¹, Prof. Nasibeh Azadeh Fard², Prof. Steve Muchiri¹ (1. Eastern Connecticut State University, 2. Rochester Institute of Technology)

Competition and Coordination Between Traditional Hospital and Internet Hospital

» [Dr. Aichih Chang](#)¹, Dr. Zhongping Li² (1. New Jersey Institute of Technology, 2. Anhui University)

Continued from **Saturday, 9 April**

10:30am **DDS, ML & AI: Topics in Machine Learning & AI**

Passaic

Chaired by: Dr. Chirag Surti

Ensemble Learning Framework to identify the key factors that leads to attrition in software professionals

» Mr. Aariz Faizan Javed¹, Mr. Syed Abdullah Ashraf¹, Dr. Pradip Kumar Bala¹, Dr. Rashmi Jain² (1. Indian Institute of Management Ranchi, 2. Montclair State University)

Startup Funding Prediction Using Machine Learning

» Mr. Gabriel Schuch¹, Ms. Jhilliane Rivera², Ms. Ashley Del Castillo², Dr. Byeonghwa Park¹ (1. Kean University, School of Management and Marketing, Union, 2. Kean University)

An Empirical Comparison of Machine Learning Techniques: Focused on Crunchbase

» Ms. Glynnis Tan¹, Ms. Yesica Espinoza-Xitumul², Ms. Yaritza Mejia², Dr. Byeonghwa Park² (1. Kean, 2. Kean University, School of Management and Marketing, Union)

10:30am **Supply Chain Management and Logistics: Humanitarian & Sustainability**

Bergen

Chaired by: Dr. Tony Lynch

Strategic Design of Humanitarian Supply Chain System Using General Two-Stage DEA Model

» Prof. Jae-Dong Hong¹ (1. South Carolina State University)

Human Related Factors and Supply Chain Integration in Non-profit Organizations

» Dr. Cigdem Ataseven¹ (1. Cleveland State University)



The Effects of Gray Swan Phenomena on Operational Performance

» Dr. Tony Lynch¹, Dr. Joo Jung² (1. Pen, 2. University of Texas Rio Grande Valley)

An Empirical Investigation of Perceived Operational Supply-Chain Risk Factors

» Dr. Cheickna Sylla¹ (1. MTSM, NJIT)

10:30am

Marketing & Consumer Behavior: Topics in Marketing & Consumer Behavior III

Essex

Chaired by: Dr. Amit Arora

Event-Related-Potential (ERP) as a Scale Validation Tool: Understanding Individual Neuropsychological Differences based on the Style of Processing (SOP) Scale

» Dr. William Jones¹, Dr. Meng Hsien (Jenny) Lin² (1. Ramapo College of New Jersey, 2. California State University Monterey Bay)

The Limits of Artificial Intelligence in Customer Relationship in Customer Relationship Management: An Implicit Mindset Perspective

» Mr. Uttam Paudel¹, Dr. Ozge Aybat¹ (1. Penn State Harrisburg)

Impact of Various Marketing Theories and Software Applications on Small Colleges

» Dr. Melissa Ford¹ (1. County College of Morris)

The Case for Intuitive Advertising

» Dr. Francisco Quevedo¹, Dr. Pradeep Gopalakrishna² (1. Rutgers University, 2. Pace University)

12pm

Lunch (On Your Own)

1pm

The Newark Museum of Art

The Newark Museum of Art



Risk, Resilience and Recovery in Turbulent Business Environments

**52nd NEDSI Annual Conference
Washington, DC, March 30- April 1, 2023**

CONFERENCE ANNOUNCEMENT

[NEDSI](#), the northeast regional division of the [Decision Sciences Institute](#), will be holding its 52nd annual conference in Washington, DC, from March 30 – April 1, 2023. The three-day conference will commence on Thursday morning and end at lunchtime Saturday. The conference's gala dinner and awards ceremony will be on Friday evening.

HOST INSTITUTION

[School of Business and Public Administration](#)
[University of the District of Columbia](#)

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 papers will be published in the 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 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 31, 2023 through the conference website at nedsi2023.exordo.com. If you have proposals for panels, roundtable discussions, sessions, and workshops, please email them to the program chair. For additional information <https://nedsi.decisionsciences.org/>.

OUTSTANDING PAPER AWARDS

Outstanding papers are eligible for the following awards:

- 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

PROGRAM TRACKS

- Accounting, Finance, Economics
- Big Data, Analytics, and Knowledge Management
- Cyber Security, IT, and Emerging Technologies
- Decision Making: Public Administration and Policy
- DSS, Machine Learning, and Artificial Intelligence
- Education, Curriculum, and Cases
- Healthcare Analytics and Services Management
- Human-Technology Interface
- Innovation and Creativity
- Legal, Ethical, and Social Issues
- Operations Management/Operations Research
- Marketing and Consumer Behavior
- Strategy and Organizational Behavior
- Supply Chain Management and Logistics
- Sustainability Management
- Undergraduate/Master Student Poster Competition

HOTEL ACCOMMODATIONS

To be communicated soon.

CONTACT INFORMATION

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