

2.6.2 – Board Request for School-Sponsored Trip



PATTERSON JOINT UNIFIED SCHOOL DISTRICT BOARD REQUEST FOR SCHOOL-SPONSORED TRIP

School Site/Program: Patterson High School Supply Chain and Logistics

Date Requested: 2/1/2022 Date of Board Meeting 3/7/2022

Purpose of the trip: MODEX Supply Chain and Logistics Expo

Destination: Atlanta, GA

Date(s) of trip: March 27 - March 31, 2022

Departure time: 8:00am Return Time: 9:00pm

Person in Charge: Glenn Ecalne Title: PHS Teacher

Other adults on trip/title: Aaron Wheeland - CTE Department Chair
TBD - Female Chaperone

Number of students: 8

Number of nights: 4 (For trips requiring more than two days stay, attach a detailed itinerary)

Location/Check All That Apply:

In-State/Overnight Out of State Out of Country

Transportation/Check All That Apply:

Bus Private Vehicle Train Airplane Passenger Ship



8720 Red Oak Blvd.
Suite 201
Charlotte, NC 28217
modexshow.com

YOUR PREMIER SUPPLY CHAIN EVENT

MARCH 28-31, 2022 | GEORGIA WORLD CONGRESS CENTER | ATLANTA, GA

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#MODEX2022 #MORE



**GET READY
TO EXPERIENCE**

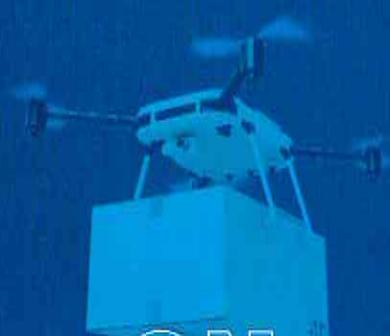
MORE



**YOUR PREMIER
SUPPLY CHAIN EVENT
IS BACK!**

**MARCH 28-31, 2022
ATLANTA, GA**

MODEXSHOW.COM



ON
MARCH
28TH,
YOU
BELONG
IN
ATLANTA.



Now, more than ever, you need to bring greater efficiency, reliability, and resiliency to your operations. Find out how at **MODEX 2022**, where the future of manufacturing, transportation, and supply chains comes together in Atlanta. From enlightening educational opportunities to next-generation technology and equipment in action, **MODEX 2022** gives you a hands-on look at cutting-edge solutions and the latest trends.



CONNECT

with over 850 of the leading providers and experience in person how their efficiency-enhancing, cost-cutting equipment and technology solutions can futureproof your supply chain.



LEARN

from the industry's best minds how key industry trends and innovations can transform your manufacturing and supply chain operations during 100+ free education sessions and four powerful keynotes.



MEET FACE-TO-FACE

with your manufacturing and supply chain peers and leading solution providers.



BIGGER AND BETTER THAN EVER BEFORE

PACKAGING, CONTAINERS & SHIPPING EQUIPMENT

Box and Carton Makers, Dunnage Trays, Packaging and Unitizing Systems, Wrapping, Inspection of Products by Weight or Scanning, Pallets, Wire Baskets, Plastic and Metal Containers, Palletizing Equipment

MANUFACTURING & WAREHOUSE EQUIPMENT & SUPPLIES

Dock Levelers, Dock Pads, Doors, Forklift Trucks, Racks, Flooring, Handling Systems, Forklift Attachments, Conveyors, Hoists, Cranes, Monorails, Loading Dock Equipment, Below/Hook Lifting Devices

AUTOMATIC IDENTIFICATION EQUIPMENT & SYSTEMS

Barcode Printers and Scanners, Vision Systems, Voice Recognition Systems, RFID Systems, Systems Integrators

MATERIAL HANDLING & LOGISTICS EQUIPMENT & SYSTEMS

Automated Storage and Retrieval Systems, Automatic Guided Vehicle Systems, Casters/Wheels/Tires, Hydraulic and Electrical Components and Controls, Robotics, Personnel/Burden Carriers, Racks, Forklifts, Batteries, Lift Trucks, Flexible Manufacturing Systems, Tool Handling, Conveyors, Mezzanines, Lift Tables, Scissor Lifts, Unit Handling Systems, Manufacturing Execution Systems, Warehouse Management Systems/Supply Chain and Logistics Execution Systems, Ergonomic and Safety Equipment, Carousels, Modular Drawer Storage, Order Picking, Sortation Equipment, Shelving and Workstations, Third-Party Logistics

With more than 850 exhibits, the world's leading material handling, transportation and logistics solution providers will be on hand to showcase their most innovative equipment and systems. Nowhere else will you have the chance to see these solutions in action and determine which can best solve your manufacturing, transportation and supply chain challenges. By attending, you can connect with your peers and tap into the collective power of the industry's solution and thought leaders, all gathered in one place.

SUPPLY CHAIN MANAGEMENT

Alternative Fuel Systems, Parcel Management and Distribution, Reverse Logistics, Third Party Logistics, Sustainable Facility Equipment, Supply Chain and Logistics Execution Systems, Enterprise Resource Planning and Transportation Management Systems, Inventory Security Services

INVENTORY MANAGEMENT, INFORMATION TECHNOLOGY, & CONTROLLING TECHNOLOGIES

Computers, Controllers, Software Programs, Systems Integrators, Manufacturing Execution Systems, Warehouse Management Systems/Supply Chain and Logistics Execution Systems, Remote Control Equipment, Wireless Control Systems, Voice Recognition Systems, Enterprise Resource Planning, Order Management Systems, Transportation Management Systems

TRANSPORTATION & LOGISTICS

Road, Rail, Sea and Air Freight Transportation, Parcel Delivery, Security, Autonomous Vehicles, Robotics, Sensors, Supply Chain Management Software, Third Party Logistics and Reverse Logistics

EMERGING TECHNOLOGIES

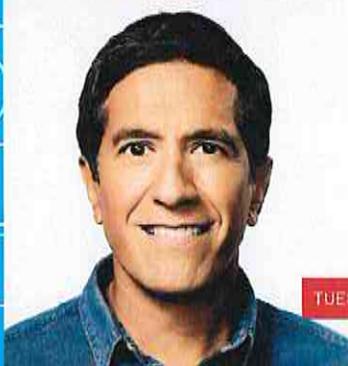
Sensors, Software, Cloud Computing, Driverless Vehicles, Robotics and Automation, Predictive Analytics, Artificial Intelligence, Omni-Channel Fulfillment, Unified Commerce, Augmented Reality, Virtual Reality, Wearable and Mobile Technologies



ERIKA ALEXANDER

Chief Global Operations Officer, Marriott International

MONDAY THE 28TH AT 8:45AM



DR. SANJAY GUPTA

Chief Medical Correspondent, CNN

TUESDAY THE 29TH AT 8:45AM



JOHN PAXTON

CEO, MHI

THOMAS BOYKIN

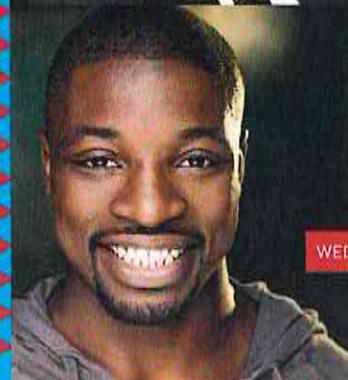
Supply Chain Specialist Leader, Deloitte

WEDNESDAY THE 30TH AT 8:45AM



SHAQUILLE O'NEAL

WEDNESDAY THE 30TH AT 1:00PM



PREACHER LAWSON

WEDNESDAY THE 30TH FROM 4:30 - 7:00 PM

1 WOMEN IN LEADERSHIP — A CONVERSATION WITH ERIKA ALEXANDER

Join Erika Alexander, Chief Global Operations Officer for Marriott International for an authentic, inspiring, and optimistic discussion about leadership, strategy, and excellence. Learn about Erika's approach to people empowerment, diversity, inclusion, and organizational purpose.

2 A CONVERSATION WITH DR. SANJAY GUPTA: PREPARING FOR THE NEXT PANDEMIC — INSIGHTS INTO FUTURE HEALTH-RELATED DISRUPTIONS

Join Chief Medical Correspondent for CNN Dr. Sanjay Gupta as he discusses the lessons learned from COVID-19 and what nations across the globe and individual firms can do to prepare and be ready for future pandemic and health-related disruptions.

3 PREVIEW OF THE 2022 MHI ANNUAL INDUSTRY REPORT WITH JOHN PAXTON & THOMAS BOYKIN

This is your opportunity to be the first to have access to this new report on the supply chain trends and technologies that are transforming supply chains. John Paxton of MHI and Thomas Boykin of Deloitte will present the report findings and moderate a panel of manufacturing and supply chain professionals to discuss the real-world significance of the report findings.

4 A CONVERSATION WITH SHAQUILLE O'NEAL

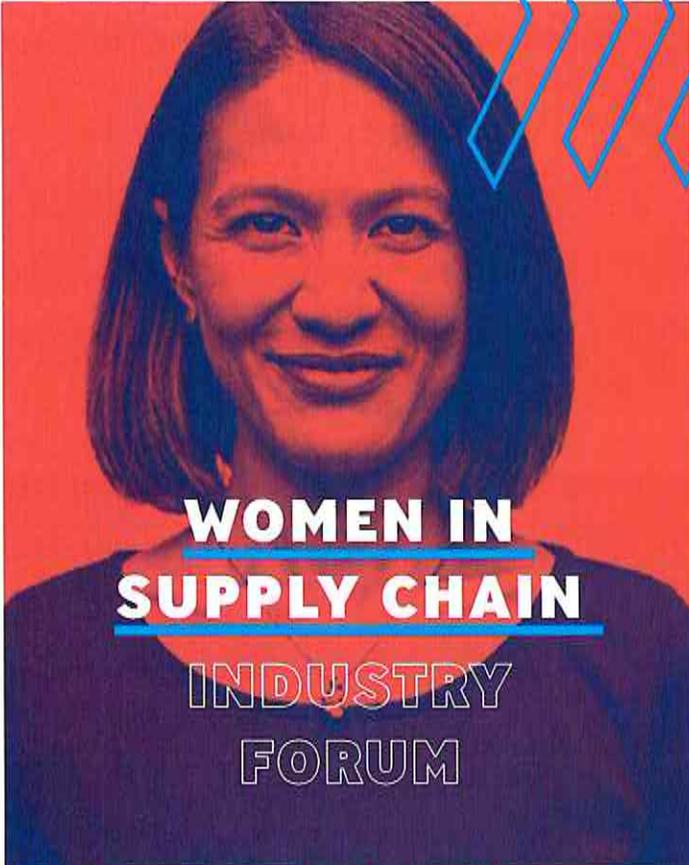
Few individuals ever become iconic enough to be known by one name — Shaq. A cultural icon, Shaquille O'Neal is best known for an NBA career spanning nearly two decades and earning him the sport's highest honors including membership in the NBA Hall of Fame. He electrifies the room with his larger-than-life personality and tales from his storied career.

5 MHI INDUSTRY NIGHT WITH PREACHER LAWSON

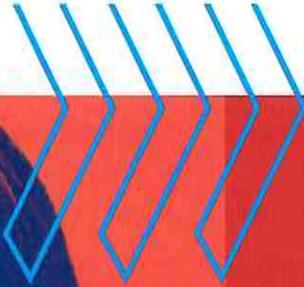
Comedian Preacher Lawson won the title of Funniest Comedian in Florida and was crowned the winner of the Seattle International Comedy Competition. He's appeared on NBC's "Last Call with Carson Daly" and on Comedy Dynamic's "Coming To The Stage" and is famous for his appearances on America's Got Talent. Preacher now has his own tour and hilarious YouTube channel.

★ WIN A TRIP OF A LIFETIME

The door prize for the MHI Industry Night event will be a luxury package vacation to a location of the winner's choosing. Value: \$30,000. See official rules at modexshow.com/rules.



WOMEN IN SUPPLY CHAIN INDUSTRY FORUM



»» MONDAY, MARCH 28 ««

12:00 PM – 1:00 PM

Registration & Networking Lunch Buffet

1:00 PM – 4:00 PM

Program: 5 Behaviors of a Cohesive Team

4:00 PM – 5:00 PM

Networking Reception

Sponsored by: Material Handling Systems Inc. (MHS)

5 BEHAVIORS OF A COHESIVE TEAM Presented by The Bolder Company

Join your peers for an afternoon of education, discussion and networking for women in our industry. The Bolder Company will lead us through exercises that help to bring out the five foundational behaviors of a cohesive team. Participants will engage in conversations about trust, engaging in conflict, securing and holding each other to commitments, and choosing common goals. During the session participants will complete their Behaviors of Cohesive Teams assessment. Visit modexshow.com/women to register.

MHI, WERC, RWEDA MEMBERS
\$120

NON-MEMBERS
\$140



MHI YOUNG PROFESSIONALS NETWORK EVENT

»» MONDAY, MARCH 28 ««

5:00 PM – 6:30 PM

Unwind with the MHI Young Professionals Network at our meet & greet networking reception. Network and connect with other young professionals in the material handling and supply chain industry. Pre-registration is not required to attend this free event – just wear your MODEX 2022 badge. Visit modexshow.com/ypn to learn more.

EDUCATION SEMINARS

These sessions will be located in theaters on the MODEX show floor. Seminars are listed in scheduled order, categorized by themes and ranked **Beginner**, **Intermediate** or **Advanced**.

THEME

- | | |
|--|--|
|  Automation & Robotics |  Workforce & Labor |
|  Data Capture, Analytics & Information Management |  Manufacturing, Planning & Sourcing |
|  Transportation, Distribution & Warehousing |  Sustainability & Risk Management |
|  Emerging Supply Chain Technology | |

LEVEL

- I BEGINNER II INTERMEDIATE III ADVANCED

MONDAY, MARCH 28

10:30 – 11:15 AM

-  **ROBOTS: READY FOR REAL RETAIL FULFILLMENT**
II KNAPP | DC Velocity's Transportation & Logistics Theater
-  **PLAYING THE LONG GAME WITH PREDICTIVE AND PRESCRIPTIVE ANALYTICS**
II BlueGrace Logistics | Emerging Technologies Theater
-  **GAIN COMPLETE OPERATIONAL VISIBILITY WITH SMART, CONNECTED WAREHOUSES**
II The Raymond Corporation
-  **SIMPLIFIED DIRECT STORE DELIVERY PROCESS FOR SAP IN CUSTOMERS WITH INTEGRATION TO VOICE, PROGLIVE AND VISION**
II Almasons Consulting LLC
-  **"I JUST CAN'T HIRE PEOPLE" — THE NEW ECONOMICS OF DISTRIBUTION CENTERS**
II DMW&H
-  **3 WAYS TO OPTIMIZE OMNICHANNEL AND ECOMMERCE DISTRIBUTION**
II Fortna Inc.
-  **SYSTEM INTEGRATION WITH LITHIUM-ION BATTERIES**
I Inventus Power
-  **SEASONAL STRESS: WHEN EVERYDAY VOLUME IS LIKE A HOLIDAY**
II Deposco

10:45 – 11:30 AM

-  **SMALL BUT MIGHTY: HOW TO LEVERAGE TECHNOLOGY IN SMALLER-SCALE SPACES**
III AHS, LLC | Micro-Fulfillment Theater

11:15 AM – 12:00 PM

-  **SEE HOW MONAT GLOBAL, A TOP PERFORMING GLOBAL DIRECT SELLING COMPANY, LEAPT AHEAD DURING A PANDEMIC TO MANAGE EXPLOSIVE GROWTH**
III Alpine Supply Chain Solutions
-  **PREDICTABILITY IN AN UNPREDICTABLE WORLD: LOW RISK, FLEXIBLE AUTOMATION STRATEGIES TO CREATE VALUE TODAY AND FUTURE-PROOF YOUR TOMORROW**
II Seagrid
-  **INTELLIGENCE FOR ROBOTICS IN DISTRIBUTION AND FULFILLMENT OPERATIONS**
II Honeywell Intelligrated

11:30 AM – 12:15 PM

-  **HOW TO MITIGATE THE RISK ASSOCIATED WITH INTEROPERABILITY**
II SICK | DC Velocity's Transportation & Logistics Theater
-  **EVALUATING CUSTOMER-CENTRIC SOFTWARE FOR YOUR COMPANY**
I Configura, Inc. | Emerging Technologies Theater
-  **DECIDING WHETHER MICRO FULFILLMENT OR URBAN DISTRIBUTION CENTERS ARE BEST FOR YOUR OPERATIONS**
III Schaefer Systems International, Inc.
-  **FINDING THE RIGHT BALANCE IN YOUR WAREHOUSE AUTOMATION JOURNEY**
III ADDVERB TECHNOLOGIES PVT LTD.
-  **CHINA GLOBAL DOMINANCE IN BATTERIES: HOW DOES IT AFFECT THE US MATERIAL HANDING INDUSTRY?**
II OneCharge Inc.

11:45 AM – 12:30 PM

-  **AUTOMATED OVERSIZE PACKAGE HANDLING**
II Fives Intralogistics Corp. | Micro-Fulfillment Theater
-  **AUTOMATION ROI: HOW TO SCORE SUCCESS WITH PROJECTS BIG AND SMALL**
II Bastian Solutions, a Toyota Advanced Logistics company

12:00 – 12:45 PM

-  **DRIVING WAREHOUSE EFFICIENCY WITH CONNECTED DATA**
I Blue Horseshoe, Part of Accenture
-  **NAVIGATE YOUR FLEET TO VICTORY — MAXIMIZING DATA MANAGEMENT BY ALIGNING BATTERIES, CHARGERS, AND DATA**
II East Penn Manufacturing Co., Inc.
-  **POWER BY THE HOUR: IS IT RIGHT FOR YOU?**
II GNB Industrial Power, A Division of Stryten Manufacturing LLC

MONDAY, MARCH 28

12:30 – 1:15 PM



HUMANS ARE THE LOOP — WORKFORCE DEVELOPMENT IN THE AGE OF AUTOMATION HYPERGROWTH
I Plus One Robotics | Emerging Technologies Theater



MHI - SOLUTIONS COMMUNITY — SUPPLY CHAIN DISRUPTIONS & RECOVERY — LESSONS LEARNED
I MHI



THE SMART WAREHOUSE OF THE FUTURE — THAT'S HERE TODAY
III Softeon



AGVS 101: STARTING YOUR AUTOMATION JOURNEY
II Jungheinrich

12:45 – 1:30 PM



MICRO-FULFILLMENT EMPOWERED BY INTELLIGENT ROBOTICS
II Mujin, Corp. | Micro-Fulfillment Theater



HIDDEN BENEFITS OF LED INDICATION/ILLUMINATION, RECENT INNOVATIONS IN SMART LIGHTING, AND HOW TO SELECT THE CORRECT LIGHT FOR YOUR APPLICATION
I Banner Engineering Corporation



THE NEW WONDERS OF VOICE TECHNOLOGY AND WHAT REALLY IS POSSIBLE
I EPG (Ehrhardt Partner Group)



ROUNDTABLE WITH UNIVERSITY OF LOUISVILLE ON THE FUTURE OF AUTOMATION TECHNOLOGY
II Material Handling Systems Inc. (MHS)

1:00 – 1:45 PM



FUTURE PROOF YOUR SUPPLY CHAIN
III Manhattan Associates, Inc.

1:30 – 2:15 PM



OPTIMIZING IN-STORE AND WAREHOUSE OPERATIONS FOR E-COMMERCE WITH REUSABLE PACKAGING
I ORBIS Corporation | DC Velocity's Transportation & Logistics Theater



THE CONTINUING EVOLUTION OF ASRS TECHNOLOGY
II OPEX Corporation | Emerging Technologies Theater



AUTOMATED ROBOTICS HELPS LIBERTY HARDWARE EXCEED SLAS AND GROWS ALONGSIDE BUSINESS
I 6 River Systems, Inc



ORDER FULFILLMENT SYSTEMS FOR SAME DAY PICK-UP & DELIVERY
I Dematic



SMARTDECT®, A LEAP FORWARD IN SAFETY FOR MANUFACTURING AND DISTRIBUTION OPERATIONS THANKS TO UWB TECHNOLOGY
II Elettric 80 Inc.



INCREASE ENERGY EFFICIENCY AND MAXIMIZE UPTIME WITH ENERGY SOLUTIONS BEYOND THE BATTERY
II The Raymond Corporation



TRG OF MHI PRESENTS: THE STATE OF THE POSSIBLE IN MATERIAL HANDLING AUTOMATION
I MHI



THE NEXT BEST DECISION: HOW TO ACHIEVE A MORE AGILE AND EFFICIENT WAREHOUSE OPERATION WITH AI-DRIVEN SOFTWARE
III LogistiVIEW

2:15 – 3:00 PM



SECRETS FROM AN IT OPS INSIDER: HOW TRANSFORMING YOUR SUPPORT MODEL WILL IMPROVE EMPLOYEE EXPERIENCE AND PRODUCTIVITY
III Barcoding Inc.



LITHIUM-ION BATTERY - REAL WORLD CONSIDERATIONS
II Ethium - EControls



YOUR ROBOTS ARE DEPLOYED, NOW WHAT?
II IAM Robotics



TO AUTOMATE OR NOT TO AUTOMATE
II enVista

2:30 – 3:15 PM



OPTIMIZE EFFICIENCY & PRODUCTIVITY WITH AUTOMATED MATERIAL HANDLING SYSTEMS AND SUPPLY CHAIN SOLUTIONS
II Conveyor Solutions Inc. (a Systems in Motion Company) | Emerging Technologies Theater



THE DYNAMIC SUPPLY CHAIN: INTELLIGENCE AT EVERY NODE
II Zebra Technologies Corp.



ANSWERING YOUR TOP 8 ASRS QUESTIONS BEFORE INVESTING: A PANEL DISCUSSION
I Kardex Remstar, LLC

2:45 – 3:30 PM



THE TAIL THAT WAGS THE DOG: UNDERSTANDING THE IMPACT OF MFCS ON THE SUPPLY CHAIN AND THE FUTURE OF RETAIL
II Swisslog Logistics, Inc. | Micro-Fulfillment Theater

3:00 – 3:45 PM



MAXIMIZING WAREHOUSE PRODUCTIVITY WITH AUTONOMOUS MOBILE ROBOTS (AMRS)
I Körber Supply Chain US, Inc.



DRIVING FLEET POWER PRODUCTIVITY WITH DATA: HOW BATTERY MODELING SOFTWARE AND POWER MANAGEMENT TOOLS CAN BOOST OPERATIONAL EFFICIENCIES
II EnerSys



PREPARING FOR THE NEXT GEN WORKFORCE
I Honeywell Safety & Productivity Solutions

3:30 – 4:15 PM

 **DEPLOYING AGVs AND MOBILE ROBOTS AT SCALE**
I Kollmorgen NDC Solutions | Emerging Technologies Theater

 **NEW FULFILLMENT MODELS FOR OMNI-FLEXIBLE CONSUMERS**
III KNAPP

 **REAL-TIME WAREHOUSE VISIBILITY: HOW ACTIONABLE DATA MAKES THE BEST TEAMS BETTER**
I Longbow Advantage

 **DIGITALIZATION DEFINED**
III Siemens Industry, Inc.

3:45 – 4:30 PM

 **MAXIMIZING MICRO-FULFILLMENT EFFICIENCY THROUGH ROBOTICS AND VIRTUAL REALITY**
II Invata Intralogistics | Micro-Fulfillment Theater

 **B6 POUCH SYSTEM: HOW THE NEXT GENERATION POUCH SYSTEM SOLVES YOUR ECOM AND RETURNS HANDLING ISSUES!**
I BEUMER Corporation

 **WHY LITHIUM CHEMISTRY MATTERS WHEN IT COMES TO POWERING YOUR EQUIPMENT FLEET**
I Flux Power

 **10 MISTAKES YOU'RE MAKING IN YOUR WAREHOUSE**
II Damotech, Inc.

»» TUESDAY, MARCH 29

10:30 – 11:15 AM

 **HOW TO DEVELOP A STRATEGIC PLAN FOR TRANSITIONING TO EMERGING TECHNOLOGY**
II Invata Intralogistics | Emerging Technologies Theater

 **UNIFY YOUR SUPPLY CHAIN WITH MANHATTAN ACTIVE® SUPPLY CHAIN**
III Manhattan Associates, Inc. | DC Velocity's Transportation & Logistics Theater

 **THE NEXT GENERATION OF INTELLIGENT AUTOMATION POWERED BY AI**
II Covariant.ai

 **WHICH TYPE OF CART DELIVERY WORKS BETTER FOR YOU? A COMPARISON BETWEEN USING TUGGER CARTS OR A MOTHER DAUGHTER CART SYSTEM.**
I Topper Industrial

 **GROWING FASTER: INCREASING SPEED & LOWERING COSTS WITH AUTOMATION INTEGRATION**
I Murata Machinery USA, Inc.

 **DISTRIBUTION TOOLS AND TECHNIQUES TO ADAPT TO AN E-COMMERCE WORLD**
II Tecsys

 **FROM NO-BOT TO CO-BOT: HOW LOW-COST PALLET HANDLING ROBOTS MAKE IT EASY TO GET IN THE AUTOMATION GAME**
I Vecna Robotics

 **MAXIMIZING YOUR PROFITS WITH YOUR WMS SOLUTION**
I Mantis

10:45 – 11:30 AM

 **IS AUTOMATION ALWAYS THE RIGHT ANSWER?**
I Exotec | Micro-Fulfillment Theater

11:15 AM – 12:00 PM

 **HOW TO ACHIEVE AN ROI WITH ROBOTIC SOLUTIONS**
III AHS, LLC

 **LEVERAGING FULFILLMENT DATA TO DRIVE BOTTOM LINE PROFITS**
II Schaefer Systems International, Inc.

 **ORCHESTRATING FULFILLMENT SUCCESS WITH DOM AND WES**
III Softeon

11:30 AM – 12:15 PM

 **THE COLLABORATIVE ENVIRONMENT: HOW HUMANS AND AUTOMATION CAN BE BETTER TOGETHER**
II Zebra Technologies Corp. | Emerging Technologies Theater

 **PREPARING FOR THE NEXT GEN WORKFORCE**
I Honeywell Safety & Productivity Solutions

 **ROI OF MHI PRESENTS: PLANNING YOUR RACK SYSTEM – TRADITIONAL AND E-COMMERCE**
I MHI

 **AUTONOMOUS MOBILE ROBOTS**
III Tennant Company

11:45 AM – 12:30 PM

 **TECHNOLOGICAL ENHANCEMENTS FOR INCREASING AUTOMATION IN SUPPLY CHAIN OPERATION**
II Honeywell Intelligrated | Micro-Fulfillment Theater

 **WHY MICRO-FULFILLMENT IS A MUST HAVE**
I KPI Kuecker Pulse Integration

12:00 – 12:45 PM

 **GREEN HYDROGEN SOLUTIONS ARE CHANGING THE SUPPLY CHAIN FOR THE BETTER**
I Plug Power Inc.

 **WHY DOM AND OMS ARE THE KEYS TO OMNICHANNEL FULFILLMENT**
II enVista

 **ACHIEVING CUSTOMER SATISFACTION IN THE NEW NORMAL OF E-COMMERCE**
II PSI Engineering

»» TUESDAY, MARCH 29

12:30 – 1:15 PM

-  **INTELLIGENT ROBOTICS FOR THE MODERN WAREHOUSE**
|| MujIn, Corp. | Emerging Technologies Theater
-  **DC OPTIMIZATION: AUTOMATION OR WORKFORCE? WHY NOT BOTH?**
| Miebach Consulting Inc.
-  **MHI'S SLAM INDUSTRY GROUP PRESENTS – BEST PRACTICES IN THE LAST 100 FEET OF FULFILLMENT**
MHI

12:45 – 1:30 PM

-  **BEYOND THE RISK ASSESSMENT: WHAT HAPPENS NEXT?**
|| Wieland Electric Inc. | Micro-Fulfillment Theater
-  **FORCING A SQUARE PACKAGE INTO A ROUND HOLE (PROCESS AND TECHNOLOGY ALIGNMENT)**
|| Open Sky Group
-  **3PL LANDSCAPE & SELECTION STRATEGIES**
|| St. Onge Company
-  **WMS SYSTEMS: DRIVE EFFICIENCIES, REDUCE COSTS AND IMPROVE SERVICE LEVELS**
| Twin Oaks Technology

1:00 – 1:45 PM

-  **THE NOW OF PACKAGING**
| Packsize International LLC

1:30 – 2:15 PM

-  **RE-INVENT SUPPLY CHAIN INSPECTION WITH REAL-TIME HIGH-SPEED 3D MMWAVE IMAGING. HOW TO DETECT SKU ERRORS, DAMAGE, AND FRAUD THROUGH CLOSED CONTAINERS**
| ThruWave, Inc. | Emerging Technologies Theater
-  **USING ARTIFICIAL INTELLIGENCE TO AVOID SAFETY VIOLATIONS BY MHE**
| PowerFleet
-  **A DECADE FOR CLIMATE ACTION: THE SUPPLY CHAIN IMPERATIVE**
| Schneider Electric
-  **OMNI-CHANNEL FULFILLMENT: KEEPING PACE WITH ACCELERATED CHANNEL SHIFTS.**
| TGW Systems Inc.
-  **ASRS OF MHI PRESENTS: ASRS AS A SOLUTION FOR E-COMMERCE, ONLINE SHOPPING DEMANDS, HIGH TRANSPORTATION COSTS, SUPPLY CHAIN ISSUES AND PRODUCT SHORTAGES**
MHI
-  **MHI-CSS – THE FUTURE OF CONVEYORS & SORTATION WITH THE ADOPTION OF AMR'S**
MHI

2:15 – 3:00 PM

-  **DRIVE AUTOMATED SYSTEM UPTIME WITH REUSABLE TOTES**
|| ORBIS Corporation
-  **FRESENIUS KABI'S IMPLEMENTATION OF AS/RS TECHNOLOGY FOR PRODUCT COOLING**
|| Stoecklin Logistics Inc.
-  **5 REASONS TO LEVERAGE AUTOMATION IN YOUR FULFILLMENT OPERATIONS**
|| Vanderlande Industries, Inc.

2:30 – 3:15 PM

-  **USING AI TO OPTIMIZE THE WORK OF PEOPLE AND ROBOTS IN THE DISTRIBUTION CENTER**
|| Lucas Systems, Inc. | Emerging Technologies Theater
-  **DISCRETE VS BATCH PICKING: WHAT IS MOST APPROPRIATE FOR YOUR OPERATION?**
| Dematic
-  **ADDRESSING LABOR SHORTAGE CHALLENGES WITH WAREHOUSE AUTOMATION**
| Westfalia Technologies, Inc.
-  **LABOR & SPACE SAVINGS ROBOTIC AMRS FOR ORDER PICKING, RETURNS, SORTATION & MATERIAL FLOW**
|| Conveyco Technologies

“WE REALLY GO TO MODEX TO LOOK AT WHAT NEW TECHNOLOGIES ARE OUT THERE. TO BE ABLE TO SAY, WELL HOW COULD WE APPLY THAT? COULD IT MAKE US FASTER, BETTER, CHEAPER?”

ANNETTE DANEK-AKEY
Senior Vice President, Supply Chain
at Penguin Random House

2:45 – 3:30 PM

-  **ROBOTIC AUTOMATED LOCAL FULFILLMENT FOR LAST MILE**
III Tompkins Robotics | Micro-Fulfillment Theater

3:00 – 3:45 PM

-  **RIGHT FIT FULFILLMENT**
I GreyOrange Inc.

-  **MAXIMIZE LABOR PRODUCTIVITY WITH COMPLETE INTRALOGISTICS SOLUTIONS FOR YOUR OPERATION**
II The Raymond Corporation

3:30 – 4:15 PM

-  **GETTING STARTED WITH ROBOTS AS A SERVICE (RAAS): ROBOTIC WORKCELLS TO IMMEDIATELY INCREASE PRODUCTIVITY AND SUPPLEMENT LABOR**
I RIOS Intelligent Machines | Emerging Technologies Theater

-  **HOW VOICE AUTOMATION AND SUPPLY CHAIN ANALYTICS DELIVER A FLAWLESS CUSTOMER EXPERIENCE**
I Voxware, Inc.

-  **TAKE YOUR PICK: ORDER, BATCH, CASE, OR PALLET PICKING USING AMRS**
II Zebra Technologies Corp.

3:45 – 4:30 PM

-  **ONLINE MEETS INSTORE: SOFTWARE-DRIVEN SHOPPING**
II KNAPP | Micro-Fulfillment Theater

-  **BEYOND THE ROBOT: WHAT MAKES AN AMR IMPLEMENTATION SUCCESSFUL**
I OTTO Motors

-  **USING AUTOMATION TO REVITALIZE BROWNFIELD WAREHOUSES**
I Swisslog Logistics, Inc.

-  **WILL A GOODS-TO-PERSON (GTP) SOLUTION SOLVE MY EFULFILLMENT LABOR CHALLENGES?**
III VARGO®

»» WEDNESDAY, MARCH 30

10:30 – 11:15 AM

-  **FREIGHT AUDIT & PAYMENT: HOW COMPREHENSIVE SPEND MANAGEMENT SOLUTIONS CAN ENSURE PROFITABILITY AND EFFICIENCY**
I enVista | DC Velocity's Transportation & Logistics Theater

-  **INCREASING OPERATIONAL VISIBILITY**
I 6 River Systems, Inc | Emerging Technologies Theater

-  **ASRS OF MHI PRESENTS: DESIGN CONSIDERATIONS FOR MICRO-FULFILLMENT**
I MHI

-  **ELEVATING WAREHOUSE OPERATIONS, WHAT YOU NEED TO KNOW ABOUT WORK PLATFORMS & SHELVING**
I MHI - SMA

-  **SIMPLIFY YOUR SUPPLY CHAIN, MANUFACTURING & WAREHOUSE OPERATION WITH VOICE, VISION, PROGLOVE AND ROBOTICS WITHOUT SPENDING ON WMS UPGRADE.**
II Almasons Consulting LLC

-  **BEST PRACTICES AND ROADMAPS FOR LITHIUM-ION BATTERIES IN MATERIAL HANDLING**
I Green Cubes Technology

10:45 AM – 11:30 AM

-  **FREEDOM FOR AGVS & INDUSTRIAL VEHICLES - WIRELESS CHARGING FOR SMARTER PROCESSES**
I Wiferion GmbH | Micro-Fulfillment Theater

11:15 AM – 12:00 PM

-  **GVs: MERGING SEXY TECHNOLOGY WITH A SOLID BUSINESS CASE**
I MHI - MAG

- TBD**
I Packsize International LLC

-  **NEWCOMMERCE: E-COMMERCE'S EFFECT ON NETWORK, FACILITY DESIGN AND REAL ESTATE STRATEGIES**
I St. Onge Company

-  **AUTOMATION INTEGRATION & FACILITY CONSTRUCTION — DESIGNING FROM THE INSIDE OUT**
II O'Neal Inc.

11:30 AM – 12:15 PM

-  **WINNING THE DAY: CONTINUOUSLY IMPROVING CONTINUOUS IMPROVEMENT WITH REBUS WAREHOUSE VISIBILITY**
I Longbow Advantage | Emerging Technologies Theater

12:00 – 12:45 PM

-  **CALCULATING THE IMPACT OF AUTOMATION IN YOUR OPERATIONS... AND USING IT TO JUSTIFY CHANGE**
I Kardex Remstar, LLC

-  **THE IMPACT OF SAAS AND AUTOMATION ON THE WAREHOUSE: HOW TO SURVIVE AND THRIVE**
II Open Sky Group

-  **BEYOND THE ROBOT: WHAT MAKES AN AMR IMPLEMENTATION SUCCESSFUL**
I OTTO Motors

-  **RMI OF MHI PRESENTS: STORAGE RACK SAFETY 101**
I MHI

WEDNESDAY, MARCH 30

12:30 – 1:15 PM

-  **SOLVING SUPPLY CHAIN 4.0 NETWORK ISSUES WITH PRIVATE LTE AND 5G**
Nokia Enterprise | Emerging Technologies Theater

2:15 – 3:00 PM

-  **AUTOMATED ROBOTICS HELPS LIBERTY HARDWARE EXCEED SLAS AND GROWS ALONGSIDE BUSINESS**
8 River Systems, Inc
-  **TECH ON DECK: HOW TO VET, SELECT AND IMPLEMENT THE RIGHT TECHNOLOGIES FOR YOUR DC**
DMW&H
-  **LOOK! IT'S A BIRD. IT'S A PLANE. NO, IT'S SUPERSORTER.**
KNAPP
-  **TRG OF MHI PRESENTS: HOW TO USE "THE BUYER'S JOURNEY" TO OVERCOME OBSTACLES IN MATERIAL HANDLING AUTOMATION**
MHI
-  **MHI-SOLUTIONS COMMUNITY — LATEST & GREATEST ADVANCES AT MODEX 2022**
MHI

3:00 – 3:45 PM

-  **LABELING IS BORING (UNTIL YOU GET A \$1,000,000 FINE)! PROTECT YOUR BUSINESS & MODERNIZE OPERATIONS WITH POWERFUL, CENTRALIZED CLOUD LABELING SOLUTIONS**
Inovity

THURSDAY, MARCH 31

10:30 – 11:15 AM

-  **RIGHT FIT FULFILLMENT**
GreyOrange Inc.
-  **THE NEW WONDERS OF VOICE TECHNOLOGY AND WHAT REALLY IS POSSIBLE**
EPG (Ehrhardt Partner Group)
-  **3PL LANDSCAPE & SELECTION STRATEGIES**
St. Onge Company
-  **DECIDING WHETHER MICRO FULFILLMENT OR URBAN DISTRIBUTION CENTERS ARE BEST FOR YOUR OPERATIONS**
Schaefer Systems International, Inc.
-  **CRITICAL CAPABILITIES TO MEET CUSTOMER EXPECTATIONS**
Honeywell Safety & Productivity Solutions
-  **TO AUTOMATE OR NOT TO AUTOMATE**
enVista

11:15 AM – 12:00 PM

-  **LABOR & SPACE SAVINGS ROBOTIC AMRS FOR ORDER PICKING, RETURNS, SORTATION & MATERIAL FLOW**
Conveyco Technologies

-  **SIMPLIFIED DIRECT STORE DELIVERY PROCESS FOR SAP IM CUSTOMERS WITH INTEGRATION TO VOICE, PROGLIVE AND VISION**
Almasons Consulting LLC

11:30 AM – 12:15 PM

-  **USING ARTIFICIAL INTELLIGENCE TO AVOID SAFETY VIOLATIONS BY MHE**
PowerFleet

11:45 AM – 12:30 PM

-  **YOUR ROBOTS ARE DEPLOYED, NOW WHAT?**
IAM Robotics

12:00 – 12:45 PM

-  **WILL A GOODS-TO-PERSON (GTP) SOLUTION SOLVE MY FULFILLMENT LABOR CHALLENGES?**
VARGO®
-  **OMNI-CHANNEL FULFILLMENT: KEEPING PACE WITH ACCELERATED CHANNEL SHIFTS**
TGW Systems Inc.

12:30 – 1:15 PM

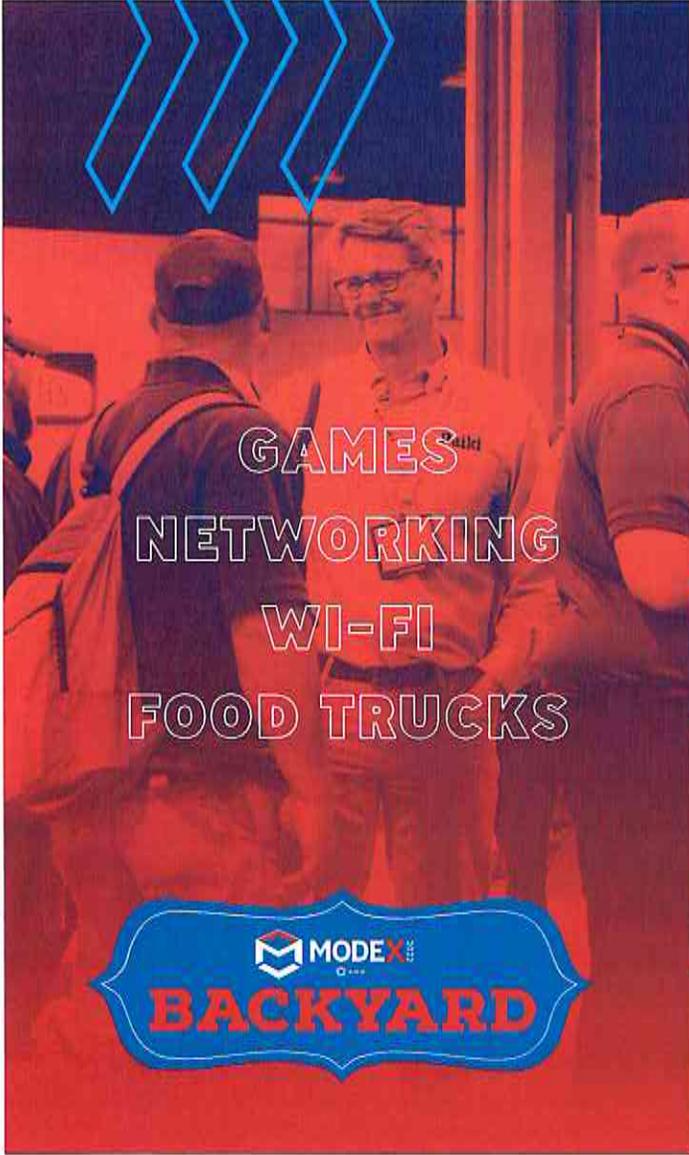
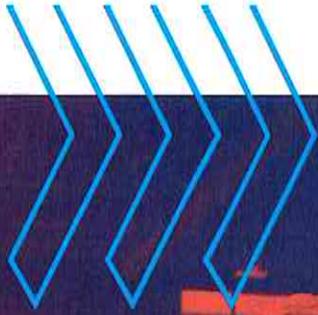
-  **THE IMPACT OF SAAS AND AUTOMATION ON THE WAREHOUSE: HOW TO SURVIVE AND THRIVE**
Open Sky Group

12:45 – 1:30 PM

-  **10 MISTAKES YOU'RE MAKING IN YOUR WAREHOUSE**
Damotech, Inc.
-  **DISTRIBUTION TOOLS AND TECHNIQUES TO ADAPT TO AN E-COMMERCE WORLD**
Tecsyst

1:00 – 1:45 PM

-  **HIDDEN BENEFITS OF LED INDICATION/ILLUMINATION, RECENT INNOVATIONS IN SMART LIGHTING, AND HOW TO SELECT THE CORRECT LIGHT FOR YOUR APPLICATION**
Banner Engineering Corporation



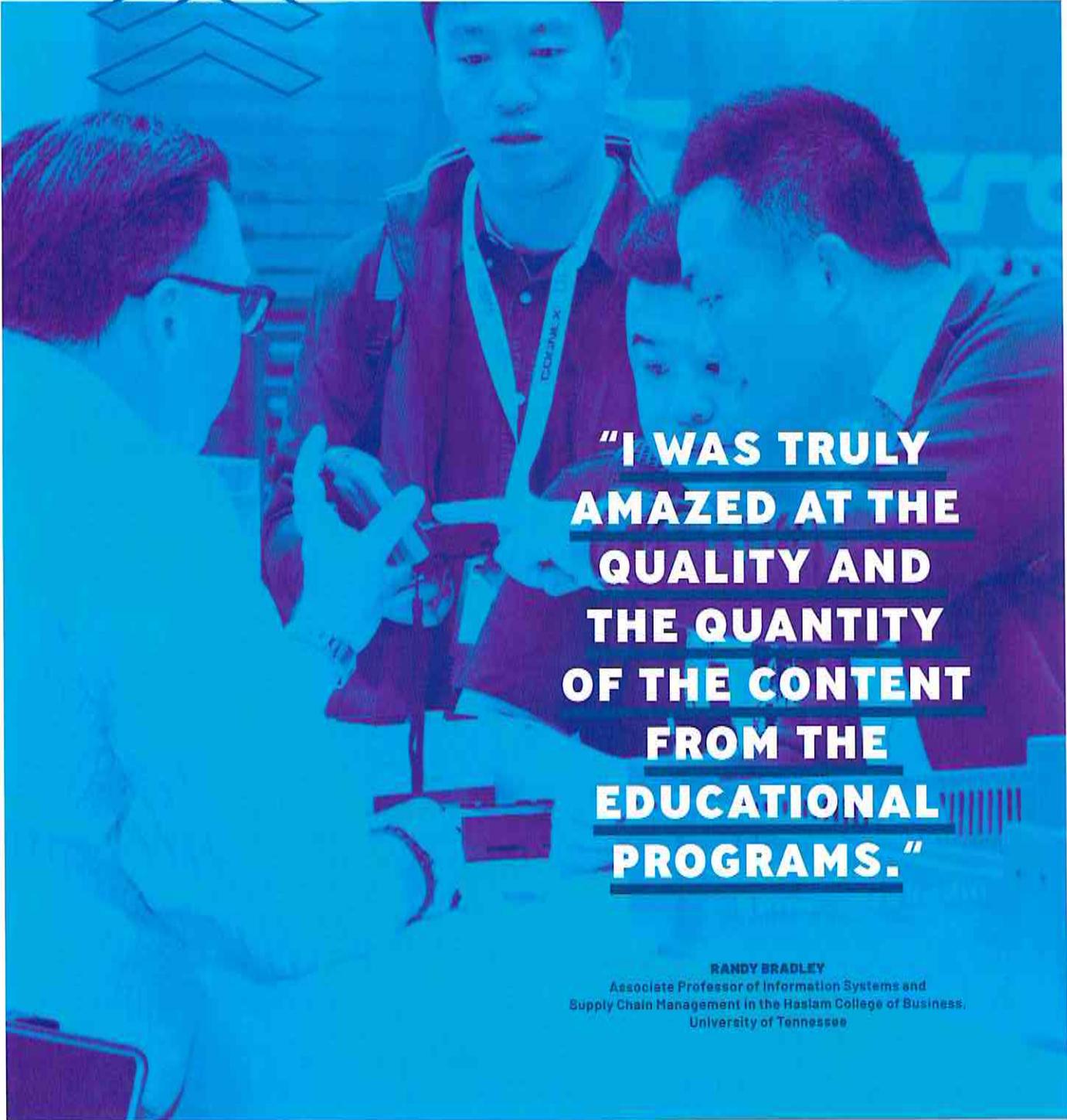
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Hosted by the DC Velocity, the Transportation and Logistics Theater will feature presentations and panel discussions focused on the latest product and technology developments that companies can use to improve their transportation and logistics performance.

SESSIONS WILL COVER A RANGE OF TOPICS, INCLUDING THE FOLLOWING:

- Omnichannel and eCommerce Distribution
- Freight and Parcel Management
- Urban Logistics
- Fleet Management
- Reusable Packaging
- Interoperability



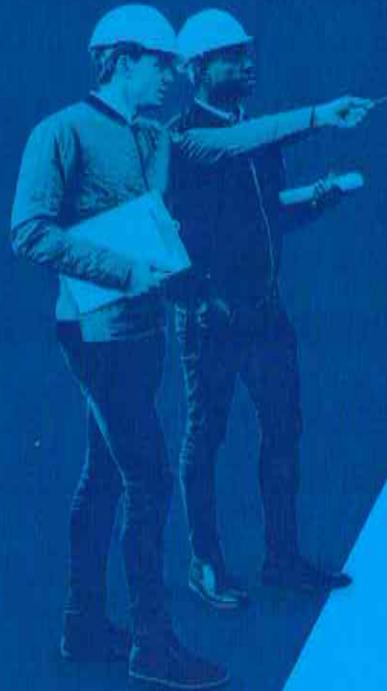
**"I WAS TRULY
AMAZED AT THE
QUALITY AND
THE QUANTITY
OF THE CONTENT
FROM THE
EDUCATIONAL
PROGRAMS."**

RANDY BRADLEY

Associate Professor of Information Systems and
Supply Chain Management in the Haslam College of Business,
University of Tennessee

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Attendance at MODEX 2022 can make the difference between your manufacturing and distribution operations stalling, surviving or even thriving during these challenging economic times. If you need senior management's approval for travel and training expenditures, it's worth it to develop a proposal so you can attend MODEX 2022. Visit modexshow.com/attendees/approval to learn more.



ACCELERATE INNOVATION AND AGILITY

ACROSS YOUR SUPPLY CHAIN

MARCH 28-31, 2022
ATLANTA, GA

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At MHI, our first and only priority is giving supply chain professionals access to the solutions they need to be successful. For 75 years, we've been staging trade events in pursuit of this goal. Today, both MODEX and ProMat are widely considered the industry's premier "must-attend" manufacturing and supply chain events.

On-floor Seminars

View a list of MODEX 2022 on-floor seminars below.

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[1\) Robots: Ready for Real Retail Fulfillment](#)

Date Monday, March 28

Starts 10:30 AM Ends 11:15 AM

Sponsor [KNAPP](#)

Location DC Velocity's Transportation & Logistics Theater

Robots have gotten a bad rap. While many robots got stuck in pilot purgatory, today's ultramodern AI-powered robots see, reason and interact with their environment. These smart robots use massive neural networks to achieve unprecedented speed, precision and accuracy. Discover how Parfums Christian Dior, ...

[2\) Playing the Long Game with Predictive and Prescriptive Analytics](#)

Date Monday, March 28

Starts 10:30 AM Ends 11:15 AM

Sponsor [BlueGrace Logistics](#)

Location Emerging Technologies Theater

Minimizing risk is at the core of all decision-making when it comes to moving freight – how do you know if you've made the right call and selected the right carrier? Using the traditional approach, the answer won't become evident until after the deal is done and the freight delivered. Oftentimes, bias ...

[3\) The advantages of an Exotec system in a Decathlon's warehouse](#)

Date Monday, March 28

Starts 10:30 AM Ends 11:15 AM

Sponsor [Exotec](#)

Location Theater A

As the sporting goods market is expanding and shifting rapidly, automation is becoming a critical factor for the supply chain, permitting retailers to replenish their physical stores while simultaneously preparing orders from their e-commerce platforms. Decathlon, one of the world leaders of sporting ...

[4\) Simplify DSD by integrating voice-directed picking and robotics, without spending big bucks on a WMS upgrade.](#)

Date Monday, March 28

Starts 10:30 AM Ends 11:15 AM

Sponsor [Almasons](#)

Location Theater C

Utilizing a Direct Store Delivery model is imperative for many businesses with high-volume, fast-turnover products. However, the overhead associated with this smaller-quantity distribution model can rack up quickly. Simplifying your processes and optimizing the execution of each step in the DSD chain ...

[5\) "I Just Can't Hire People" - The New Economics of Distribution Centers](#)

Date Monday, March 28

Starts 10:30 AM Ends 11:15 AM

Sponsor [DMW&H](#)

Location Theater D

The pandemic sent retail distribution into a new universe that we are unlikely to return from. At the same time, the pandemic allowed distribution employees and temporary workers to reevaluating their expectations of employment. This session will look at the traditional labor model and challenge it. ...

[6\) 3 Ways to Optimize Omnichannel and eCommerce Distribution](#)

Date Monday, March 28

Starts 10:30 AM Ends 11:15 AM

Sponsor [Fortna Inc.](#)

Location Theater F

Disruption and growing customer expectations require strengthened omnichannel and ecommerce capabilities with reduced labor costs. Logistics providers must build resilience and strengthen operations with innovative technologies to meet customer demand and enable flexible and scalable processes. In ...

[7\) System Integration with Lithium-ion Batteries](#)

Date Monday, March 28

Starts 10:30 AM Ends 11:15 AM

Sponsor [Inventus Power](#)

Location Theater H

This seminar will highlight critical elements for ensuring successful integration of lithium batteries into material handling equipment. The session will also address battery design considerations specific for material handling applications in order to ensure safety, intelligence, and system reliability. ...

[8\) Seasonal Stress: When Everyday Volume is like a Holiday](#)

Date Monday, March 28

Starts 10:30 AM Ends 11:15 AM

Sponsor [Deposco](#)

Location Theater I

The holiday season may be behind us, but the spikes and unpredictability that earmark the season are here to stay. With customers demanding an easy, flexible fulfillment experience that suits their needs, the technology and systems in your warehouse are more important than ever to meet those expectations. ...

[9\) Gain Complete Operational Visibility with Smart, Connected Warehouses](#)

Date Monday, March 28

Starts 10:30 AM Ends 11:15 AM

Sponsor [The Raymond Corporation](#)

Location Theater J

You can't improve what you don't measure. That's why intelligent warehouse solutions are an integral part of the optimization process. Move your organization forward with advanced technologies connected with scalable, flexible, and intelligent warehouse solutions. This includes asset and maintenance ...

[10\) Small but Mighty: How to leverage Technology in Smaller Spaces](#)

Date Monday, March 28

Starts 10:45 AM Ends 11:30 AM

Sponsor [AHS, LLC](#)

Location Micro-Fulfillment

Amid the pandemic, every aspect of business has moved or accelerated towards a digital structure. The demand of consumers hasn't let up either: faster shipping, next-day delivery, order accuracy, and a faster refund when product is returned. We know there is a growing need to bring the fulfillment center ...

[11\) See how Monat Global, a top performing global direct selling company, leapt ahead during a pandemic to manage explosive growth](#)

Date Monday, March 28

Starts 11:15 AM Ends 12:00 PM

Sponsor [Alpine Supply Chain Solutions](#)

Location Theater B

When Monat Global experienced 130% YoY growth, they required a Strategic Master Plan to develop a plan to support the next 5 years. They selected Alpine Supply Chain to perform a Storage Type Analysis, New Facility Design & Layout, and SAP EWM installation. They also selected Conveyor Solutions Inc. ...

[12\) Predictability in an Unpredictable World: Low Risk, Flexible Automation Strategies to Create Value Today and Future-Proof Your Tomorrow](#)

Date Monday, March 28

Starts 11:15 AM Ends 12:00 PM

Sponsor [Seegrid](#)

Location Theater E

Supply chains continue to become increasingly complex. Inside the four walls, heightened consumer demands, fluctuating order volumes, labor shortages, and other constraints present ongoing hurdles for manufacturing, warehousing, e-commerce, and logistics facilities. In this session, learn low-risk strategies ...

[13\) Intelligence for Robotics in Distribution and Fulfillment Operations](#)

Date Monday, March 28

Starts 11:15 AM Ends 12:00 PM

Sponsor [Honeywell Intelligated](#)

Location Theater G

Articulated robotics for pick-and-place tasks rely heavily on machine-learning (ML) and intelligence algorithms to handle the dynamic realities of distribution and fulfillment (D&F) centers. A robot's abilities to identify products and determine its response are critical to efficiency and throughput. ...

[14\) How to mitigate the risk associated with interaoperability](#)

Date Monday, March 28

Starts 11:30 AM Ends 12:15 PM

Sponsor [SICK](#)

Location DC Velocity's Transportation & Logistics Theater

As companies continue to deploy more autonomous mobile platforms both inside and outside of their facilities interoperability between platforms will become an important requirement. This presentation will discuss the current status of the work being done to create a standard.

[15\) Evaluating Customer-Centric Software for your Company](#)

Date Monday, March 28

Starts 11:30 AM Ends 12:15 PM

Sponsor [Configura, Inc.](#)

Location Emerging Technologies Theater

Software is a tool for delivering the customer experience a company wants to offer. Software should make it easy for companies to deliver what the customer cares about most: speed, quality, cost, capacity and more. With today's acceleration of digital transformation, customers expect companies to be ...

« 1 2 3 4 5 ... »

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