

7TH ANNUAL NEW YORK STATE HEALTHCARE FACILITIES CONFERENCE

DO THE RIGHT THING

OCTOBER 16 - 18 2022 • TURNING STONE CASINO



MODERNIZATION
REGULARITY COMPLIANCE
STAFFING SHORTAGES
PREVENTATIVE MAINTENANCE
ENVIRONMENT OF CARE
FACILITY DESIGN
SUCCESSION PLANNING
AIR FILTRATION
NOISE CONTROL
INCREASING COSTS
BUDGETARY CHALLENGES
SUCCESSION PLANNING
COMPLIANCE
REGULARITY COMPLIANCE
PREVENTATIVE MAINTENANCE
WAYFINDING
DESIGN
VENTATIVE MAINTENANCE
STAFFING SHORTAGES
ENERGY SUSTAINABILITY
EMERGENCY PREPAREDNESS
ENVIRONMENT OF CARE
EMERGENCY PREPAREDNESS
LIFE SAFETY
HUMIDITY CONTROL
CONSTRUCTION
SUCCESSION
FACILITY DESIGN
STAFFING SHORTAGES
MODERNIZATION
ENVIRONMENT OF CARE
DESIGN
AIR FILTRATION
WAYFINDING
NOISE CONTROL
WORKPLACE VIOLENCE
HUMIDITY CONTROL
LIFE
SAFETY
COMPLIANCE
CONSTRUCTION
PREVENTATIVE MAINTENANCE
CONSTRUCTION
BUDGETARY CHALLENGES
INCREASING COSTS
ENERGY SUSTAINABILITY
INFECTION PREVENTION
EMERGENCY PREPAREDNESS
FACILITY DESIGN
SUCCESSION PLANNING
WAYFINDING
WORKPLACE VIOLENCE
LIFE SAFETY
HUMIDITY CONTROL
CONSTRUCTION
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SUCCESSION PLANNING
WAYFINDING
WORKPLACE VIOLENCE
LIFE SAFETY
HUMIDITY CONTROL
CONSTRUCTION
SUCCESSION PLANNING

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& Speaker Matt Jones
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WELCOME to the 2023 NYSHFC

Greetings,

It is my pleasure to welcome you to the 2022 New York State Healthcare Facilities Conference, "Do The Right Thing", presented by committee members from all five NYS chapters. These include Central New York Society of Healthcare Engineers, Inc. (CNYSHE), Eastern New York Society for Healthcare Engineering (ENYSHE), Genesee Valley Regional Association of Healthcare Engineers (GVRAHE), Hospital Engineering Society of Greater New York (HESGNY), and Western New York Society of Healthcare Engineers (WNYSHE).

Our theme this year "Do The Right Thing" was actually developed by the committee in February 2022 after contracting our keynote speaker Kris Paronto. The theme can translate to all of us here today representing all disciplines of the healthcare environment. Every day we face this theme dealing with staffing shortages, limited funding and resources, and increased compliance requests.

The Facility Hero Award Winners recognition is scheduled for the Monday morning opening. This will be the second year of for this award presentation. The criteria for the award included a chapter member that demonstrated going above & beyond during the Covid Pandemic by ensuring the highest levels of facility operations, emergency preparedness & response, creating an exceptional experience for the people they serve, and being their best when it matters the most. The award winner's nomination narratives submitted by their co-worker(s) can be found in this program.

This is our seventh annual healthcare conference held at the Turning Stone Resort and Casino. Here are a few opening statements about the conference this year.

- As a committee we realized that many healthcare organizations and corporations that support healthcare facilities struggling financially and the last thing anyone wants to fund is travel and conference fees. Our conference continues to bring in talented speakers without honorariums that include a wide range of topics. Some of our speaker's presentations occurred at the Annual (ASHE) American Society of Healthcare Engineering's Planning Design and Construction Conference (PDC) and at the ASHE Annual Conference. Realizing that not everyone can travel to these conferences due to cost, the committee tries to bring these professionals to our conference.
- A request made last year to bring the Sunday welcoming gathering back for conference attendees. The committee followed your suggestion and Sunday's event features a welcoming reception with a dinner followed by motivational speaker Matt Jones, who has spoken at several ASHE chapters across the country. Matt generously donated 100 of his new book towards the event and the conference added another 200.
- As noted above our conference focuses around education for Facilities Professionals, Infection Prevention Professionals, Safety Professionals, Emergency Management Professionals and all of our Design and Engineering Professionals. ASHE approves and sponsors the conference CEU's. Next year the committee is looking to add a volunteer to take on the role of filing for AIA credit hours. Please contact a committee member listed in the program if interested in being a subcommittee to fill this responsibility.
- This event would not be possible without the support of our exhibitors. There are approximately 90 Exhibitors this year including a bunch of new exhibitors. Diamond and Premium sponsors and exhibitor's logos will remain on the front page of our website until registration opens up in May of 2023. A special thanks to our five Diamond sponsors that allow us to provide the high quality speakers, food, and entertainment that makes this conference the best in country.
- The committee hopes everyone will attend Monday afternoon to welcome Brandon Schroeder "Believe In Safety" presentation. Brandon will tell his real life story on how a momentary lapse in safety changed his life.
- The conference committee brought the ASHE ICRA 2.0 Training program to the conference. The cost of this 7.0 hr program from ASHE is \$505.00 per attendee. Committed to our goal of education, the program offered a discounted rate of \$250.00 per attendee. This is a great example of how the conference continues to support our mission statement.
- Post Covid has seen an increase in Workplace Violence in healthcare. Joint Commissions has recently implemented changes in their standards that pertain to work place violence and emergency preparedness. Every block of sessions has an Emergency Preparedness session. This makes our conference unique giving healthcare administrators, emergency preparedness managers, designers, and many exhibitors here at the conference time to participate with education sessions relating to both workplace violence and emergency preparedness.
- New this year is the introduction of ribbons for your badge located at registration. If you belong to a chapter or two please pick the ribbon corresponding with your chapter(s). If your team members have a booth please feel free to utilize the exhibitor ribbon.
- On a final note, please thank the committee members. A list of committee members can be found in the program and have attended over twenty meetings, which began in February to make this event possible. The committee makeup is of a diverse range of healthcare professionals. I thank each one of them for their expertise and outreach of help when needed.



Sincerely,

John A. Gaetano, BS, CHFM, CHC
Chairperson 7th Annual NYS Healthcare Facilities
CNYSHE, Inc. President
Assistant Vice President Facilities Management at Cayuga Medical Center
jgaetano@cayugamed.org



Committee Members

NYS Healthcare Facilities Conference Committee Members

Chapter Presidents – Voting Members in bold

CNYSHE **John A. Gaetano (Conference Chairman)**
Aaron Petty
Kevin Leach (Conference Treasurer)
John Green

ENYSHE **Jeff Casale**
Myles Hyman
Steve Moran

GVRAHE **Joe LaVigne**
Christopher J. Licata
Jim Dietz

HESGNY **Eric Lorenzen**
Jeff Meyer
Lea Keating

WNYSHE **Kenneth Swain III**
Matt Brooks
Joe Mangold

NYSHFC MISSION STATEMENT:

The New York State Healthcare Facility Conference provides education and networking opportunities to NYS Healthcare Facility Professionals to create safe, efficient, healing and patient centered environments.

NYSHFC VISION STATEMENT:

Provide the most recognized and accessible, local, educational, and networking opportunities for Healthcare Facility Professionals in New York State.

**7th Annual New York State
Healthcare Facilities Conference
October 16th-18th, 2022**

“Do the Right Thing”

EVENT AGENDA

SUNDAY, OCTOBER 16, 2022

Exhibitor Set Up in the Event Center

(Exhibitors Only)
10:00 am – 7:00 pm

Early Conference Registration

Atrium Lobby
2:00 pm – 4:00 pm

Special Session #1

8:00 am – 3:00 pm - Cypress Room
Infection Control Risk Assessment
(ICRA 2.0) Process - Train-the-Trainer
presented by ASHE
Cost \$250.00

Lunch

12:00 pm – 12:30 pm
Special Session #1 Attendees
Cypress Room

Opening Welcoming Reception

4:00 pm – 8:00 pm - Cypress Room
Buffalo Bills vs. Kansas City Chiefs
Game time 4:30 pm -7:30 pm
Cash bar / alcoholic & non-alcoholic
beverages served
Hors d'oeuvres 4:30 pm -6:00 pm
Buffet Dinner served 6:00 pm -8:00 pm
Football themed food
Cost \$75.00
Pre-registration required
Ticket issued with badge

Special Session #2

8:00 pm – 9:30 pm
“Healthcare Engineering is a Marathon”
Matt Jones
former Cancer Survivor / Motivational Speaker
Free autographed book to first 200 in attendance

MONDAY, OCTOBER 17, 2022

Breakfast in Event Center

7:00 am – 8:30 am

Early Exhibiting

7:30 am – 8:45 am

Cypress Room Opens

8:30 am – 9:00 am

Opening Ceremony

2nd Annual Facility Hero Awards
9:00 am – 9:30 am

Education Session 1

9:30 am – 10:30 am - Cypress Room
KEYNOTE
“Crucible of Crisis: Resilience in the Face of Adversity”
Kris Paronto
Sponsored by: Paul Davis

Break

10:30 am – 11:00 am
Kris Paronto Book Signing at Registration

Education Session 2

11:00 am – 12:00 pm - Cypress Room
Space Planning in the New World
Udo Allain Ammon – St. Peter’s Health Partners

Education Session 3

11:00 am – 12:00 pm - Seneca Room
Alignment of Standards for Facility Ventilation:
Standard 170-2021 & FGI 2022 Edition
Bryan Langlands – NBBJ
(co-speaking with Steve Friedman)

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EVENT AGENDA

MONDAY, OCTOBER 17, 2022 (Cont.)

Education Session 4

11:00 am – 12:00 pm - Onondaga Room
Hot & Humid How to Design for a Warmer Climate
Austin Barolin & Bethany Beers - Mazzetti

Lunch

11:00 am – 12:00 pm
(Exhibitors Only) Event Center

Lunch & Exhibiting

12:00 pm – 2:30 pm - Event Center

Education Session 5

2:30 pm – 3:30 pm - Cypress
Believe In Safety
Brandon Schroeder

Break

3:30 pm – 4:00 pm

Education Session 6

4:00 pm – 5:00 pm - Cypress
MEP Healthcare Infrastructure Resiliency Design
and Planning (Post Storm Sandy)
Sloan Kettering Cancer Center
Steven Freidman – Sloan Memorial Cancer Center
John P. Koch – Jaros Baum & Bolles
Consulting Engineers LLP

Education Session 7

4:00 pm – 5:00 pm - Seneca
Developing a Code Compliant Fire Protection
and Life Safety ITM Program
Josh Brackett – Banner Health & Legacy FM

Education Session 8

4:00 pm – 5:00 pm - Onondaga
ASHE Healthcare Facility Tailored Benchmarking
(HFTB) Program
Lisa Walt – Senior Research Strategist, ASHE

Cocktail Reception

5:00 pm – 6:00 pm Exhibiting Hall
Sponsored by: TRANE

Dinner Reception

6:00 pm – 7:30 pm - Exhibiting Hall
Sponsored by: Stark Tech I Integration

NYHCFC Private Band Event

8:00 pm – 11:00 pm - Tin Rooster Bar
Rust
Classic 80's & 90's Music Live

TUESDAY, OCTOBER 18, 2022

Breakfast in Event Center

6:00 am – 7:30 am

Chapter Updates

7:30 am – 8:00 am - Cypress Room
Regional Ashe & Chapter Updates
Chapter Presidents

Education Session 9

8:00 am – 9:00 am - Cypress Room
The Joint Commission
Emergency Management Revisions
Angela Murray – The Joint Commission

Education Session 10

8:00 am – 9:00 am - Seneca
Decarbonize for a More Sustainable
and Healthier Future
Lyndsey Brackett – Legacy FM

Education Session 11

8:00 am – 9:00 am - Onondaga
What's Facilities Role in EM: from an Emergency
Manager's Perspective
Mark Cavanaugh – Strong Memorial Hospital

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EVENT AGENDA

Mini Break

9:15 am – 9:30 am

TUESDAY, OCTOBER 18, 2022 (CONT.)

Education Session 12

9:30 am – 10:30 am- Cypress Room
Navigating Behavioral Health Regulations
& Resources for Safe and Supportive Care
Across the Continuum
Rebecca S. Casey – SMRT, Inc.

Education Session 13

9:30 am – 10:30 am - Seneca
Water Management Trends are Catching Up
with Smart Buildings and Implementing
Real-Time Technology
Aaron Goodman – Aquanomix

Education Session 14

9:30 am – 10:30 am- Onondaga
Emergency Management in Healthcare:
Now What, Gaps, Planning & Designing for
Future Disasters
Bobby Baker – Jensen Hughes

Break

10:30 am – 11:00 am

Education Session 15

11:00 am – 12:00 pm - Cypress Room
Secrets to a Successful Physical Environment
Survey and DNV Top Findings
Brennan Scott

Education Session 16

11:00 am – 12:00 pm - Seneca
IAQ in a Pandemic World – Getting Back to Basics
Jeremy McDonald – Guth Deconzo
Consulting Engineers

Education Session 17

11:00 am – 12:00 pm - Onondaga
When Disaster Strikes
Russell Vent – Paul Davis Restoration

Lunch

11:00 am – 12:00 pm
(Exhibitors Only) Event Center

Lunch & Exhibiting

12:00 pm – 2:00 pm
Event Center

Education Session 18

2:00 pm – 3:00 pm - Cypress Room
Active Shooter, A Changing Environment
Joseph Swam – United Health Services

Education Session 19

2:00 pm – 3:00 pm - Seneca
Enhance Indoor Air Quality & Energy Efficiency
Utilizing: The Microenvironment Approach
Andy Weidert – Stark Tech
Derrick Day – Stark Tech

Education Session 20

2:00 pm – 3:00 pm - Onondaga
Case Study: Make Life Easier – Leverage Data
Visualization to Boost Staff Productivity and Morale
Justin Del Vecchio – Trane
Bob Lotkowicz – Auburn Community Hospital

CEU Certificates Offered / or Emailed

3:00 pm – 3:30 pm





Facility Hero Award Nominations

Eric Lorenzen is the 2022 Winning Hero Nomination submission from the Hospital Engineering Society of Greater New York (HESGNY) and is nominated by Paul Raschilla, Interim Director Facilities Management, Stamford Health and HESGNY Treasurer.

Eric is currently the President and Golf Committee Chair for HESGNY, & former Treasurer. Eric is also the Director of Plant Operations, Memorial Sloane Kettering Cancer Center (MSKCC), NYC.

Whenever I've been down over the past 5 years, I've turned to Eric for inspiration and an optimistic outlook. Eric does an amazing job balancing family life, MSKCC work commitments, HESGNY volunteer activities, and SUNY Maritime alumni participation.

Eric steps up to help, assist, and otherwise get things done when needed.

Eric ensures those around him connect to purpose and gain experience as events occur.

Eric has always held himself accountable for his actions and decisions.

According to Eric, he relies on his family, education, and discipline, to maintain a balance between personal and professional growth.

The Covid-19 Pandemic took its toll on the NYC Health Facility community. Throughout that time, Eric realized the importance of maintaining HESGNY functionality on a level. Transitioning to Zoom meetings and safe social interaction helped many of our members deal with their own day-to-day troubles by realizing we were in this together.

Mr. Lorenzen's leadership at MSKCC during the Pandemic and ensuing Joint Commission survey helped keep staff prepared, well informed, and focused. The team demonstrated that preparedness, commitment, and understanding are great tools for sustainable ongoing compliance. Their shared lessons learned during our monthly HESGNY Zoom educational meetings helped our local health care community.

Eric does a great job keeping a healthy balance between work and home. Eric and his wife, Erin, have three school age children. Similar, to many families, the Lorenzen household over the past year dealt with Covid-19, accidents, health scares, and emergencies. During that time, Eric was still available to our HESGNY Board, its members, and the MSKCC team.

On behalf of our HESGNY community, we are grateful to have Eric as our leader. His professionalism and willingness to help others is a benchmark for many. It's my privilege to work closely with Eric and nominate him as our Hero.



Olivia Rozycki, is the Administrator of Schofield Residence.

Olivia has been at Schofield for over five years now. Along with her duties as the Administrator she has had to step in for other department Managers to help make sure her residents are always taken care of. Facing staffing challenges and the Covid pandemic, she has kept the facility running smoothly. She has worked hand in hand with the maintenance department to make sure that everything is up to standards and meeting code compliance. That

is not an easy task as the building is over forty years old. Olivia has an open-door policy and makes all her staff feel that they are at home at Schofield. During the most trying times that healthcare has faced Olivia has provided quality care and ensured the safety of her residents. Olivia is a great asset to Schofield Residence and the skilled nursing home community and that is why Olivia is WNYSHE's facility hero award winner.





Facility Hero Award Nominations

The 2022 Winning Hero Nomination submission from Eastern New Society for Healthcare Engineering (ENYSHE) is for **Scott Heller** from Albany Medical Center Hospital and is nominated by Charlie Friderici Life Safety/Emergency Preparedness Coordinator Saratoga Hospital

Scott is the System Vice President for Emergency Management. Over the past two plus years, Scott has been at the forefront of not only the Medical Center's response, but the entire region's response to the Covid pandemic. Using the existing relationships developed in the regional Healthcare Emergency Operations Coordination Council (HEOCC), Scott facilitated numerous regional conference calls between twelve regional hospitals and healthcare systems, as well as state and local health departments, throughout the Capital Region and beyond. The participants on these calls were at the executive level of the various health organizations involved. These calls were more than strictly information sharing; regional decisions were made on these calls that drove the hospitals' decisions regarding care, transfers, visiting hours, vaccination, staffing and more during the height of the pandemic. This interaction and voluntary information sharing and cooperative decision making was really remarkable, considering many of the hospitals were in fact competitors. The frequency of these calls ranged from weekly to as often as twice daily.

At one point, when Covid had peaked in New York City, the Capital Region's hospitals were able to successfully accept, and coordinate transfers for over 50 patients from two NYC hospitals. This coordination would have been nearly impossible if not for the relationships forged and enhanced by the above mentioned coordination calls.

It was and is Scott's understanding of how the various hospitals and health systems manage emergencies, coupled with his personal relationships with all the hospital emergency managers which made this a successful enterprise. Scott's dedication to and focus on the regional response to this pandemic was (and still is) a model for future cooperation during a crisis. For this, and many other reasons, I nominate Scott Heller for the Healthcare Hero award for the Eastern NY Society of Healthcare Engineers.



It is with great pleasure that we nominate **Jim Gross** for consideration for the Facilities Health Care Hero Award. During the pandemic, we have learned that heroes come from many different places and walks of life. Our nomination is for Jim Gross, the Director of Facilities at Nicholas Noyes Hospital in Dansville. Jim has stepped up in extraordinary ways to support his facility while ensuring the safety and system integrity for the patients, staff and visitors coming to the hospital during this unusually challenging period.

In addition to performing his job at an exemplary level to ensure safety guidelines were properly implemented and communicated, Jim demonstrated an extraordinary commitment to seeking additional answers with various health officials and other members of the university community and general public. It is the number of additional steps that Jim voluntarily perused to ensure maximum safety and communication within his facility while working hard to keep essential services fully functional.

Despite having to deal with the ongoing pandemic issues, new challenges, guidelines and requirements were continuously evolving. During this period, Jim was open and ready to share his knowledge with both his colleagues and staff. Jim substantially contributed to the education, regulatory guidance, networking, advocacy, and professional development for our members, so they could better support their own institutions and pandemic healthcare challenges. Jim has been instrumental in helping to mold the health care facilities engineering talent that we enjoy today in this region. His efforts were a driving force making the Genesee Valley Region one of the best facilities healthcare organizations in the country.

Jim's wisdom and guidance stimulated many great careers amongst his peer group. Likewise, he supported many health care facilities directly with his technical knowledge of healthcare engineering. In closing, Jim has helped an untold number of institutions and subsequently their patients and staff by his generosity, mentoring and sharing of vital information. Jim is a true professional who dedicated more than 50 years of his professional life to healthcare and helping others. We can personally attest to Jim's passion for the healthcare business and his willingness to help everyone. We believe he is the ideal candidate for the Facilities Health Care HERO's award and request your earnest consideration.





Facility Hero Award Nominations

Christopher D. Blum CHFM, CHC, Facilities Director, Oswego Health is the 2022 Hero nomination submission from Central New York Society of Healthcare Engineers and is nominated by Nominated by John Green - Automation Sales Team Lead - SIEMENS Industry, Inc.



Chris started working in Healthcare with Oswego Health in December of 1997.

Chris transferred to the Engineering Department in 2000 and worked as a maintenance mechanic until June of 2009, during that time he took advantage of any opportunity to participate in education related to the facilities field. Education training topics included Operation of steam boilers and Refrigeration, Fire protection systems, Medical Gas and Emergency Power Operation. As an employee in the healthcare field Chris completed an Associates of Arts in Business Administration Degree in 2007. Chris was promoted to Engineering Manager shortly after and was involved in the renovations of Fulton NY Medical Center and The Medical Center in Central Square NY. In March 2016 Chris accepted the promotion to Facilities Director, and continues in that role at Oswego Health where is in charge of the facilities dept.

Chris continues to search out industry related updates and takes advantage of membership in NFPA and ASHE. He is a member of the CNYSHE, Inc. chapter and participates in the monthly educational meetings. By attending the various conferences and industry trade shows that are available along with networking with colleagues Chris states that this has helped stay current with new code regulations and product solutions.

Chris's professional goals are to maintain a safe clean and comfortable environment for all the patients, visitors, and healthcare team members.

Chris faced many challenges introduced by the recent pandemic. The new operation mode required meant adjusting ventilation techniques that were put in place pre pandemic, and the addition of quality filtering & UVC lights. These improvements helped reduce the transmission of the virus and other healthcare acquired infections. Chris led his team in ensuring sufficient air exchanges were maintained and provided barrier guards as additional safety measures. I strongly recommend Chris for this year's Facility Hero Award for his contributions to healthcare Facilities Leadership throughout his career in keeping Oswego Health safe, and operational for all those in need of healthcare assistance.

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**Sponsor of
Key Note Speaker Kris Paronto**



MONDAY - OCTOBER 17, 2022

FEATURED SPEAKER

KRIS PARONTO

CRUCIBLE OF CRISIS: RESILIENCE IN THE FACE OF ADVERSITY

9:30 AM - 10:30 AM | CYPRESS ROOM

Sharing lessons learned from the attacks in Benghazi and other deployments in some of the most hostile environments around the world, retired US Army Ranger Kris Paronto provides insight on how to persevere, lead, stay focused, and make strategic decisions in the midst of chaos and severe trials. From the combat field to business environment, Kris shares why effective collaboration, preparation, accountability and training of the mind and body puts us in a better position to turn adversity into opportunity and establish a "Never Quit!" mentality.



*Kris Paronto
Inspiring Hero of the
2012 Benghazi Attack
& Subject of the Book
and Major Motion
Picture, 13 Hours*

UDO ALLAIN AMMON, RA

SPACE PLANNING IN THE NEW WORLD

11:00 AM - 12:00 PM | CYPRESS ROOM

Since 2008 Healthcare design and delivery has undergone profound changes. Recession of 2008, Affordable Care Act of 2010, regulations changes that are affecting the delivery of healthcare, more government regulations, less reimbursement, COVID and recent economic events is making us rethink how we deliver healthcare facilities.

Design Professionals have to understand the challenges facilities face for facility planning, small to large scale, and how they have a direct influence in the outcomes. If the design industry doesn't adapt there won't be a place for those that refuse to adapt and be forward thinking. Facilities have to be nimble and since 2013 numerous consolidations, mergers, absorptions and acquisitions is changing the face of healthcare, literally.



Udo Ammon

- *By 2030, they predict there will be only seven major healthcare systems in the United States. It is happening in NYS and what does mean for you the facilities and consultants.*
- *By utilizing proper strategies including lean methodologies, technology and developing a new way of looking at improvements in planning and designing of healthcare facilities, instead of this is the way we always did it. If you think Nothing is wrong, you won't last long in the industry.*



MONDAY - OCTOBER 17, 2022

BRYAN LANGLANDS (CO-SPEAKING WITH STEVE FRIEDMAN)

ALIGNMENT OF STANDARDS FOR FACILITY VENTILATION: STANDARD 170-2021 AND FGI 2022 EDITION

11:00 AM - 12:00 PM | SENECA ROOM

ASHRAE and the Facility Guidelines Institute (FGI) have collaborated since 2008 on coordinating standards for ventilation of health care facilities, in conjunction with the American Society for Health Care Engineering (ASHE). Beginning with the 2010 FGI Guidelines for Design and Construction of Health Care Facilities, ANSI/ASHRAE/ASHE Standard 170, Ventilation of Health Care Facilities, has been included in the Guidelines documents. The recently released 2022 edition of the FGI Guidelines references and includes the 2021 edition of Standard 170. FGI, ASHRAE and ASHE have worked together to better align their documents with a goal of making it easier for health care designers and facilities managers to use them in planning, designing and constructing health and residential care facilities. This presentation will review the major changes and revisions that impact healthcare spaces.



Bryan Langlands

AUSTIN BAROLIN & BETHANY BEERS - MAZZETTI

HOT AND HUMID: HOW TO DESIGN FOR A WARMING CLIMATE

11:00 AM - 12:00PM - ONONDAGA ROOM

Record temperatures and extreme weather is happening more often over the last few years. Facilities are struggling to meet this growing demand for cooling and dehumidification. As healthcare facilities are leaning away from fossil fuel combustion, systems have to become more adaptable to changing conditions. This presentation will touch on some of the design considerations, system types and approaches to control sequences that maximize adaptability and expandability for future changes.

3 or more Bullet takeaways:

- *Review new weather patterns and how it is affecting moisture in your facility*
- *Describe best practices for how to control humidity in your operating rooms*
- *Discover how to manage humidity in a pharmacy without access to a central plant*
- *Explain how to design in spaces with critical temperature and humidity requirements without increasing carbon emissions*



Austin Barolin



MONDAY - OCTOBER 17, 2022

BRANDON SCHROEDER - BELIEVE IN SAFETY - 2:30 PM - 3:30PM | CYPRESS ROOM

I'm Brandon Schroeder, a safety speaker from Marion, IA. I've also been an electrician for over 20 years. On August 24, 2011, I survived an arc flash explosion that without a doubt should have killed me.

It was late in the day, and we were off work in a half-hour. The general contractor asked me to relocate a temporary power feed running all of the electricity to the construction site. The task was simple: disconnect the cord, pull the cord through a doorway, and hook it back up.

But there were two problems. First, there was no main breaker on the panel, so the only way to shut off the power was to call the utility company. Second, about a week earlier, I let a co-worker borrow my arc flash suit. Early in my career, no one wore arc flash suits, and until about five years before the accident, I had never seen one. But I had done way more dangerous tasks than this countless times – why couldn't I do this? I had a decision to make, and I made the wrong one.

Small decisions like Brandon's, decisions that can change yours and your family's life, happen every day on the job. In order to help you avoid the mistake Brandon made, he shares his thought processes, shows you pictures of exactly what went wrong, and tells you about his recovery. Whether you work with electricity or not, this presentation will benefit you.

Everyone has decisions to make about safety, and many of them happen in an instant. If you have the wrong safety habits, you make it much easier to make the wrong decision, which can have effects that are impossible to undo.

Brandon's story will help your employees to understand the potential outcomes of a simple shortcut and why safe practices are important. More, his personal, "real world" style will capture your audience and influence better safety habits. Brandon's is a message that people relate to — and truly brings home the reality of what an accident can mean.



Brandon Schroeder

STEVEN FRIEDMAN – SLOAN MEMORIAL CANCER CENTER

JOHN P. KOCH – JAROS BAUM & BOLLES

CONSULTING ENGINEERS LLP

MEP HEALTHCARE INFRASTRUCTURE RESILIENCY DESIGN AND PLANNING

(POST STORM SANDY) - SLOAN KETTERING CANCER CENTER

11:00 AM - 12:00 PM | CYPRESS ROOM

Healthcare Facilities, especially those located in areas prone to flooding or other natural/manmade disasters, need to rethink their approach to "old school" infrastructure design and ideologies. This presentation will provide facilities managers, contractors and designers with a detailed approach/perspective to provide new and existing healthcare facilities the ability to provide continuity of services necessary to keep facilities active during adverse events.

The focus has shifted away from burying the infrastructure systems into the bowels of a building with a new critical thinking strategy focused on providing continuous patient care regardless of internal or external distributions to a facility. This revised way of thinking has placed added stress to program space requirements and facility planning along with a new evaluation tool to measure project success.



Steven Friedman



John P. Koch



MONDAY - OCTOBER 17, 2022

JOSH BRACKETT, PE, CHFM, SASHE

DEVELOPING A CODE COMPLIANT FIRE PROTECTION AND LIFE SAFETY ITM PROGRAM

4:00 PM - 5:00 PM | SENECA ROOM

Health Care occupancies are constantly battling ITM contractors about their fire protection and life safety ITM program and results. Errors in the development of ITM contracts, a lack of training and understanding of code requirements and device-specific testing criteria, a lack of owner involvement, the inability to involve all necessary parties, and several other factors often leads to citations from CMS Accrediting Organizations (AO's) including TJC and DNV. Utilizing several components NFPA's Fire and Life Safety Ecosystem and a review of NFPA 72 and NFPA 4, this session will present a case study of an 11 hospital health care system and outline how the system successfully worked with a local fire alarm ITM provider to developed a truly code compliant fire alarm ITM program over a two (2) year period. Review of lessons learned and a step-by-step guide will be provided.



*Josh Brackett
PE, CHFM, SASHE*

LISA WALT, ASHE

HEALTHCARE FACILITY TAILORED BENCHMARKING (HFTB)

4:00 PM - 5:00 PM | ONONDAGA ROOM

My name is Lisa Walt, and I am ASHE's Research Strategist. I came to ASHE five years ago and have always been told that our members need a valid, reliable, and trusted source of benchmarking. ASHE has had a few benchmarking efforts in the past several years, but previous efforts weren't as successful as we would like because they didn't include enough individuals from different kinds of health care facilities, and participants mostly came from the largest or most advanced facilities. (Meaning that not everyone could say that the numbers they gathered truly represented all hospitals).

Healthcare Facility Tailored Benchmarking (HFTB) program will tackle this hurdle, as we have created several smaller program arms that will address the specific needs of different types of health care facilities (e.g. critical access hospitals, rural hospitals, long term care facilities, etc.)

We are building this program from the ground up, using the information and resources we have already learned and amassed, and working with members of each health care facility type to decide on metrics and protocols before launching data collection. I am reaching out to chapter leadership because ASHE personally wants to invite your members to participate in the shaping of the program because you are the key to its success.



*Lisa Walt
ASHE*



TUESDAY - OCTOBER 18, 2022

ANGELA MURRAY, MSN, RN

THE JOINT COMMISSION - EMERGENCY MANAGEMENT REVISIONS

8:00 AM - 9:00 AM | CYPRESS ROOM

The Joint Commission undertook a thorough analysis and rewrite of the Emergency Management (EM) chapter that resulted in reorganizing requirements, renumbering standards, creating 22 new elements of performance (EPs), and revising/consolidating 38 EPs. This work streamlined 124 elements of performance down to 60.

The premise of the rewrite was to aid hospitals and critical access hospitals in developing a more comprehensive emergency management program and be better prepared for emergencies or disaster incidents (such as that faced during the COVID-19 pandemic) to meet the health, safety, and security needs of their facilities, staff, patient populations, and communities served.

- *Recognize the new emergency management chapter structure*
- *Describe the new and revised emergency management chapter standards*
- *Identify available resources These new requirements are effective as of July 1, 2022, for Joint Commission accredited Hospital and Critical Access Hospital programs.*



*Angela Murray
MSN, RN*

LINDSEY BRACKETT, CHC, CHFM, SASHE

DECARBONIZE FOR A MORE SUSTAINABLE AND HEALTHIER FUTURE

8:00 AM - 9:00 AM | SENECA ROOM

Sustainability has evolved beyond energy management to also include resiliency, waste prevention, and greenhouse gas reduction. The current administration combined with climate change has influenced owners to evaluate means and methods to electrify their equipment, decarbonize where possible, and seek out other opportunities to reduce greenhouse gas emissions by 50% or more. Regulatory requirements and 24/7 operations make these goals especially challenging in the healthcare business environment. This session will present carbon reduction requirements, trends, and strategies to help hospitals navigate through the next phase of their sustainability programs.

- *Level-set with terminology and context related to sustainability, decarbonization, and electrification*
- *List environmental and health impacts caused by greenhouse gases*
- *Name and describe current and pending legislative requirements that target greenhouse gas reduction*
- *Describe means and methods to reduce greenhouse gas emissions in healthcare*



*Lindsey Brackett
CHC, CHFM, SASHE*



TUESDAY - OCTOBER 18, 2022

MARK CAVANAUGH CHSP CFPS

**WHAT'S FACILITIES ROLE IN EMERGENCY MANAGEMENT;
FROM AN EMERGENCY MANAGER'S PERSPECTIVE.**

8:00 AM – 9:00 AM | ONONDAGA ROOM

Typically, when you think about disasters you think of response. This presentation will not only talk about the importance of Facilities role in response, but we will also discuss Facilities role in all 4 phases of emergency management.

- *Gain a better understanding of Facilities role in emergency management*
- *Learn the 4 phases of emergency management and the potential roles Facilities can have in each phase*
- *Understand what it takes to have a comprehensive emergency management plan*



*Mark Cavanaugh
CHSP, CFPS*

REBECCA S CASEY - AIA, WELL AP

**NAVIGATING BEHAVIORAL HEALTH REGULATIONS AND RESOURCES FOR SAFE AND
SUPPORTIVE CARE ACROSS THE CONTINUUM**

9:30 AM - 10:30 AM | CYPRESS ROOM

The U.S. is experiencing a behavioral health crisis across geographies and demographics. Healthcare facilities are strained as they struggle to accommodate increased demand in their communities. In order to provide safe care for this population, it is essential that facility managers are familiar with applicable regulations and resources. This presentation will introduce design requirements, emerging trends and paths upstream to wellness-supporting spaces across facility types.

- *Understand the magnitude of the behavioral health crisis and how it affects facilities beyond those dedicated to psychiatric patients.*
- *Explore 4 Behavioral Health design resources – from federal and state regulations to healthy building initiatives. (FGI, NYOMH, BHDG, WELL)*
- *Learn through project examples how regulations and guidelines can be applied.*
- *Consider the value of healthy building programs in supporting mental health.*



*Rebecca S Casey
AIA, WELL AP*



TUESDAY - OCTOBER 18, 2022

AARON GOODMAN - AQUONOMIX

WATER MANAGEMENT TRENDS ARE CATCHING UP WITH SMART BUILDINGS AND IMPLEMENTING REAL-TIME TECHNOLOGY

9:30 AM - 10:30 AM | SENECA ROOM

Water is arguably the most crucial utility for any commercial or industrial building. Unfortunately, this critical resource is out of sight and, usually, out of mind. It is often only when failures occur that we realize that our water treatment model is outdated.

Problems related to water are typically catastrophic. You can't manage what you can't measure applies to water in every way! I bring some real life examples into how data has changed people's behaviors, provided new insights, and created a completely new mindset. Compare these similarities in how they impact our mechanical systems and why data driven decisions are so critical.

Engineers and public-health authorities are now pushing building operators to improve water-system maintenance. But are these facility teams empowered with the tools and data they need? They are being tasked with more responsibility with less resources.

Empower your facility team and water treaters with the tools they need to proactively manage your water risk and save time.

- *The Industry is Stressed - Healthcare facilities across the nation are being stretched to do more with less every corner they turn.*
- *Data lurking in the shadows - As Dr Bose, a hero Dr, decorated US Marine, who has served multiple stints in Iraq states in his keynote speech, problems are lurking in the shadows. Unexpected consequences disrupt operations and life. How does this compare to healthcare and managing a facility*
- *Data tells a story we never knew - Data is all around us, yet we have no idea what it's telling us if we aren't monitoring it. I will walk through different examples of how data from an apple watch has changed people's habits, told them new insights they had no idea existed, and ultimately has changed their mindset.*
- *Data is changing lives - I compare how we are in a time where data, when used correctly, has the greatest opportunity to make our lives easier but also give a patient the greatest experience as they go through potential life altering events.*



*Aaron Goodman
Aqunomix*



TUESDAY - OCTOBER 18, 2022

**BOBBY BAKER - HEALTHCARE EMERGENCY MANAGEMENT SERVICE LINE LEAD
SENIOR FIRE & EMERGENCY MANAGEMENT CONSULTANT**

**EMERGENCY MANAGEMENT IN HEALTHCARE: NOW WHAT, GAPS, PLANNING &
DESIGNING FOR FUTURE DISASTERS**

9:30 AM - 10:30 AM | ONONDAGA ROOM

This session will discuss the “now what” related to the focus of Emergency Management in Healthcare along with some common program gaps seen by our consultants. Additionally, it will discuss how hospitals and all healthcare facilities can conduct threat and vulnerability assessments for new, existing, and aging facilities; it will also highlight the value of conducting these assessments before new construction or renovations to inform the planning, design, and construction of the healthcare facility. This session will describe the various approaches to using a Disaster, Emergency, and Vulnerability Assessment (DEVA) to inform new construction. The program will highlight an extensive project by Indiana University Health used to plan for and build emergency mitigation early in its design phases.

- *Where do we go from COVID / creating resilient HC facilities / the IU example.*
- *We made it through COVID, now what should we do in Emergency Management?*
- *Emergency Management Program Elements Common Gaps*
- *Translating HVAs into improved resiliency and capabilities during design*
- *IU Health – an example in planning*



Bobby Baker

BRENNAN SCOTT - CHFM, CHOP

SECRETS TO A SUCCESSFUL PHYSICAL ENVIRONMENT SURVEY AND DNV TOP FINDINGS

11:00 AM - 12:00 PM | CYPRESS ROOM

This presentation will provide the attendee with information on how to avoid common mistakes made by hospitals during a physical environment accreditation survey. The attendee will receive helpful hints on the following:

- How to properly present a surveyor with physical environment documentation
- How to properly document and perform corrective action plans
- How to have a successful building tour with a PE surveyor
- The importance of meeting code requirements and standards

Additionally, this presentation will provide the attendee with the top DNV physical environment findings.

- *How to stay prepared for a survey*
- *How to present documentation for a survey*
- *What not to do during a survey*
- *Understand the top findings and how to avoid them*



Brennan Scott



TUESDAY - OCTOBER 18, 2022

JEREMY MCDONALD

IAQ IN A PANDEMIC WORLD-GETTING BACK TO BASICS

11:00 AM - 12:00 PM | SENECA ROOM

The Pandemic has revealed the importance of IAQ to ensure the health of building occupants. While there have been many grand proposals to improve IAQ, this session will explore the basics and fundamentals of IAQ. The presentation will present opportunities to incorporate IAQ into every day facility management practices. Through way of anecdotes and case studies, we will present real world IAQ challenges and improvements, and discuss the methodology and economics of realizing IAQ improvements.

- *IAQ Best Practices*
- *IAQ Emerging Technologies*
- *IAQ Continuous Commissioning*
- *Testing for IAQ technologies-establishing a baseline and measuring results*



Jeremy McDonald

RUSSELL VENT - GENERAL MANAGER PAUL DAVIS RESTORATION OF GREATER ROCHESTER NY

WHEN DISASTER STRIKES

11:00 AM - 12:00 PM | ONONDAGA ROOM

We will review what are some unique ways to work with your restoration contractor/ vendor to improve emergency response. We will look at best practices and new technology around responding to Fire Damage, Water Damage, Mold Remediation, and Asbestos Abatement. We will also look into difficult drying situations and how they interact with ICRA requirements and Water Intrusion Plans.

- *What to do when a flood, fire, and other emergencies occur.*
- *Being prepared before it happens*
- *Reducing downtime after a loss*
- *What to expect from your restoration partner?*
- *Best practices and new technology*



Russell Vent

JOSEPH SWAM

ACTIVE SHOOTER, A CHANGING ENVIRONMENT

2:00 PM - 3:00 PM | CYPRESS ROOM

We will examine considerations to Run, Hide, Fight to empower the would-be victims to change their response instinctively as their environment changes. This includes utilizing mental simulation or visualization frequency for an enhanced physiological response. Another element examines architectural consideration for both new and old space to enhance the potential for reducing fatalities. Finally, consideration for partnering Law Enforcement to deliver community education along with incorporating Stop The Bleed training to reduce needless fatalities. Finally, remind everyone to report Aggressive/ Violent behavior and/or threats that are all too often ignored. See attached outline for additional.

- *Changes Trends in events and response*
- *Self-education techniques for anyone and all ages*
- *Homicides in Healthcare, a shocking trend for who is committing these events*
- *Old and new Architectural consideratio*



Joseph Swam



TUESDAY - OCTOBER 18, 2022

ANDY WEIDERT - SENIOR VP INTEGRATED SOLUTIONS

DERRICK DAY - MARKET LEADER - EQUIPMENT

ENHANCE INDOOR AIR QUALITY AND ENERGY EFFICIENCY UTILIZING THE MICROENVIRONMENT APPROACH

2:00 PM - 3:00 PM | SENECA ROOM

Creating a dedicated Microenvironment for Critical Healthcare Spaces provides an engineered solution to improve the level of Indoor Air Quality and Purification, reduce patient infections and achieve the latest ASHRAE 62.1 recommendations. The microenvironment approach provides additional air change capacity, reduced particulate count, and energy efficiency without adding additional strain on central HVAC systems.

- *Discuss what a Microenvironment is and how it is applied to critical healthcare spaces*
- *Review the requirements of ASHRAE 62.1 and air changes per hour (ACH)*
- *Achieve Energy Efficiency with existing infrastructure*



Andy Weidert

JUSTINE DEL VECCHIO & BOB LOTKOWICZ

LEVERAGE DATA VISUALIZATION TO BOOST STAFF PRODUCTIVITY AND MORALE

2:00 PM - 3:00 PM | ONONDAGA ROOM

Weary, underfunded facilities teams are facing an increased barrage of comfort control issues at older hospitals. Seeking to make life easier, Auburn Community Hospital (ACH) has adopted powerful data visualization tools to find and resolve air quality/HVAC deficiencies over ten times faster than before, enabling a small team to get more done. Further, ACH is utilizing data-analytics to rapidly uncover energy waste and imminent failure risks, corresponding to OpEx cost reductions and a boost in morale. In just a few short months, this simple investment has paid for itself and helped improve feedback from patients, staff and physicians.

- *Leverage technology to achieve at least 1 full-time-equivalent (FTE) in productivity gain.*
- *Provide better patient care through measurably faster problem identification/resolution.*
- *Make issues/learning opportunities more visible for better team collaboration*



Justine Del Vecchio

SUNDAY EVENING WELCOME EVENT

**4:00 pm - 10:00pm
Cypress Room**



Buffalo Bills vs. Kansas City Chiefs - 4:30pm - 7:30pm

Buffet Dinner Served at Halftime (Cash Bar open during event)

Matt Jones Motivational Speaker - 8:00pm - 9:30pm

To attend this welcoming event you must register for it on eventbrite www.nyhcf.org \$75.00 per person. Healthcare Employees will be allowed into the event at no additional cost to their conference registration. All other attendees must register for this separate event.

MONDAY EVENING EVENTS - 5:00pm - 11:00pm

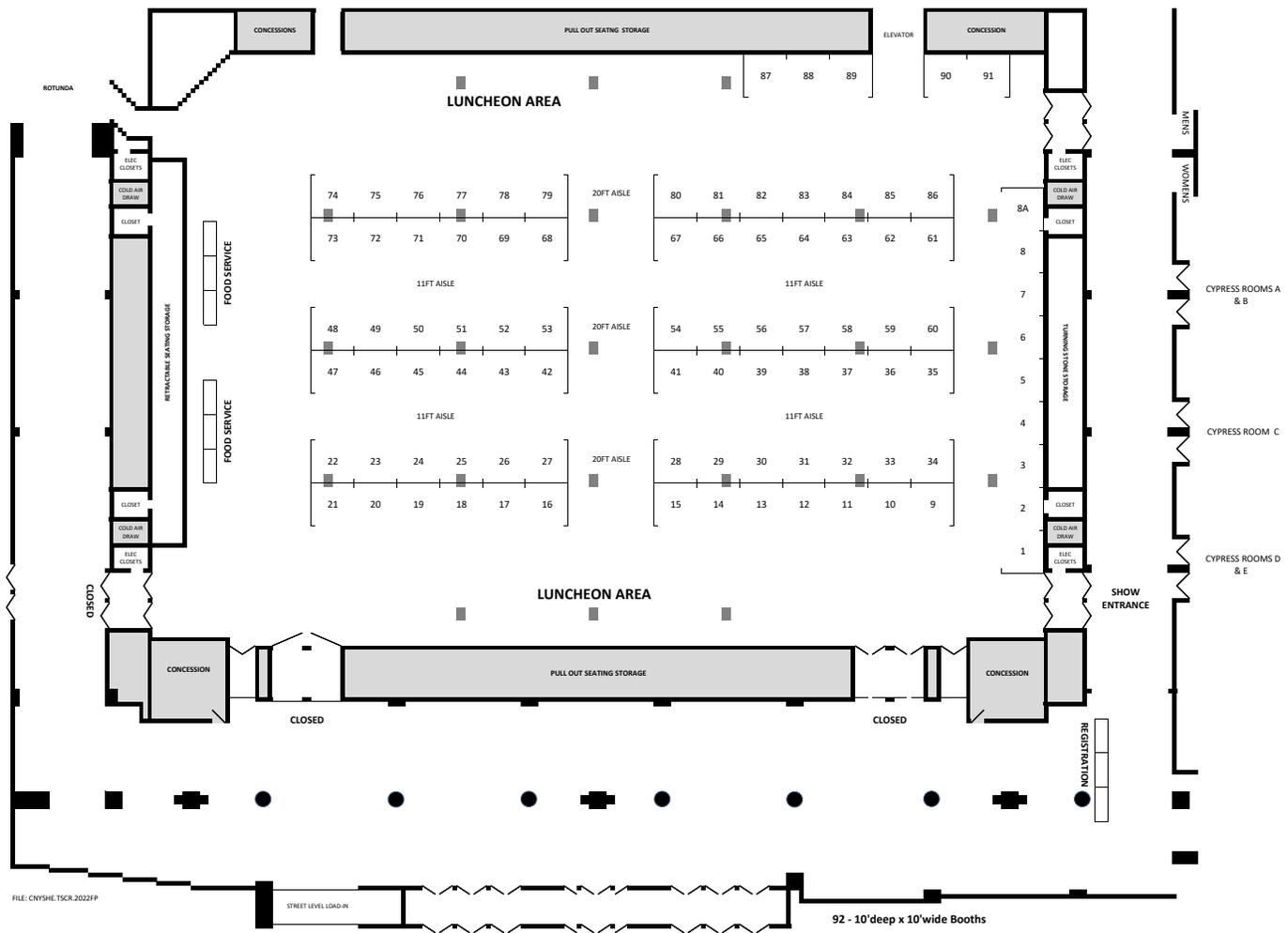
Cocktail Reception: 5:00pm - 6:00pm Event Center

Buffet Dinner: Served at 6:00pm - 7:30pm Event Center

Private Event: Live Entertainment with Rust in the Tin Rooster Bar
from 8:00pm - 11:00pm https://youtube/DAX1eNFX_jA

Rust is a local live classic rock band that's been around since
2008 featuring Joel Carberry and Mike Baker.





FILE: CNYSH.TSCR.2022FP

STREET LEVEL LOAD-IN

92 - 10' deep x 10' wide Booths

Booth #	Exhibitor	Booth #	Exhibitor	Booth #	Exhibitor	Booth #	Exhibitor
1	King & King	26	Chem Aqua	51	Van Hook	76	E4h
2	Kinsley Power Systems	27	CPL	52	Allegion	77	Phigenics
3	Fulton	28	Trane	53	Allegion	78	
4	Sherman Engineering	29	CAS	54	NRG	79	Colombo
5	bell & spina	30	Interface	55	Belimo	80	Soleran
6	P&J	31	COGEN Power Tech	56	Chimera	81	North Atlantic States Carpenter Labor
7	Guth DeConzo	32	BR Johnson	57	Hilti	82	Clark Air
8	Compass Cryogenics	33	appel osborne landscape architecture	58	Metro Group	83	
8a	Motorola	34	Hayner Hoyt	59	Grainger	84	
9	Holt Architects	35	Paul Davis Restoration	60	Amico	85	Special Care Systems
10	Siemens	36	5 (Energy Company)	61	PEVCO	86	forbo
11	Dwyer Architects	37	Lumenwerx	62	LeChase Construction	87	Cummins
12	AAC	38	Opus	63	IBC Engineering	88	Virtralogy
13	Bairco	39	Point Source Group	64	Labella	89	MIS of America
14	Stark Tech	40	Hyman Hayes	65	Avidcare	90	NuFlow
15	Stark Tech	41	Whiting - Turner	66	Aquis	91	
16	Creekwalk Consulting Group, LLC	42	Hexmodal	67	FSI Services		
17	Danforth	43	Enrich	68	Camfil		
18	Logical Control Solutions	44		69	C&S		
19	Paradigm Environmental	45	Tremco	70	ROBCO Specialties		
20	Milton Cat	46	Barclay Water	71	Emcor		
21	Armstrong international	47	M/E Engineering	72	Fire Door Solutions		
22	ServPro	48	GPI	73	WMS Sales		
23	Hospital Energy	49	Wolf Gordon	74	Johnson Controls		
24	Thermaxx	50	POM	75	RF Peck		
25	RP Fedder						

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Monday Tin Rooster
& Band Event**



Save The Date

**the 2023 Healthcare Facilities Conference is already scheduled for
Sunday October 15, 2023 – Tuesday October 17, 2023
at the Turning Stone Casino.**