2019 PIFAYBOOK Make a Difference Today



NEW YORK STATE HEALTHCARE FACILITIES CONFERENCE TURNING STONE CASINO | OCTOBER 6-8, 2019



TO THE 2019 NYS HEALTHCARE FACILITIES CONFERENCE

Make a Difference Today

It is my pleasure to welcome you to the 2019 New York State Healthcare Facilities Conference, "Make a Difference Today", 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 "Make a Difference Today" is modeled after this year's keynote speaker Mr. Jim Kelly. We would like to thank Jim for all of his charity efforts that he has accomplished, and continues to accomplish while residing in New York State. Jim has certainly made a difference in the lives of many, and is an inspiration to all of us who wish to be "Kelly Tough".

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

- The conference last year was a huge success, and has given this conference awareness across New York State as the most talked about Facilities Healthcare event in New York State. How do we know that? There are over 15 new exhibitors participating that were not here last year, and we continue to grow our exhibiting area. This year's conference will have a total of 91 exhibitors and sponsors. Please make an effort to see all 91 over the next few days and share their expertise.
- The 2019 conference has a new independent website www.nyhcfc.org , which launched in July. We are very excited about this since it represents all of the New York State Chapters. With this new website we expect to be able to post notifications throughout the year related to upcoming events and education opportunities for all chapters, student scholarships, and of course, content for the 2020 conference.
- The conference committee listened and has implemented many suggestions from our attendees and exhibitors from the conference last year. Suggestions included:
 - Longer break sessions
 - Longer beverage availability
 - Move the evening entertainment out of the exhibiting area (relocated to Sunday night)
 - Providing an electrical outlet at the exhibiting booths
- The Certified Healthcare Constructor Exam review program ("CHC") was added to kick off the conference starting on Sunday. The American Hospital Association has issued 7.0 contact hours for those taking this course, hosted and taught by ASHE representatives. We are pleased to welcome these representatives to our conference. This course is recommended for Contractors, Healthcare Facility Managers and Construction Project Managers. There was a separate fee to attend this high quality education session.
- Also new in 2019 is the Safety-Security & Emergency Preparedness Track. This track will educate Safety Professionals from many Hospitals and Long Term Care facilities. These education sessions are open to all of the conference attendees.
- Changes were also made to our exhibiting area providing a new look, easier flow, and better accommodations for our exhibitors.



Proud to be the 2019
Diamond Sponsor
of the
New York State
Healthcare Facilities Conference

- I have to give a shout out to all of our highly qualified speakers who are attending without an honorarium. Most of these speakers have spoken or continue to the speak at the annual ASHE Planning Design and Construction Conference & the annual ASHE Conference. To have this high quality talent speaking in our state, in one location, all at the same conference is truly amazing. As you go back to your organizations, chapter meetings, and peers please spread the word on the talent level we have at this conference, and the conference affordability compared to many out of state events.
- On a final note, please thank the committee members. We held over twenty meetings which begun in February to make this event possible. Please note, on the back of the program cover exists a newly created NYS Healthcare Facility Conference Mission & Vision Statement by the committee members which truly emphasize what our conference is all about!

As always, thanks to the Turning Stone managers, chefs, and staff that continue to provide great conference breakfast and lunches! I thank the conference committee for their input and valued ideas, all of the Chapter Presidents and Chapter Officers that are part of the committee, our graphic artist Melissa Snavlin from Dwyer Architectural, Kevin Leach and Aaron Petty our conference treasurer and registration specialists, Michelle Trott – Michael Zanghi – Brenda Michaud for obtaining the AIA and ASHE credit hours, our highly qualified speakers, our sponsors and exhibitors, Cayuga Medical Center for allowing me to be a main cog in putting this wonderful event together, my wife for supporting my late nights (again) while working on this conference, and YOU for "Making A Difference Today". For without you this conference would not exist! Please enjoy the conference and networking with your peers.





John A. Gaetano, BS, CHFM, CHC Chairperson 5th Annual NYS Healthcare Facilities CNYSHE, Inc. President Assistant Vice President Facilities Management Cayuga Medical Center



2020 HEALTHCARE FACILITIES CONFERENCE OCTOBER 18-20, 2020 TURNING STONE CASINO

CNYSHE RECOGNIZES OUR DOCUMENT SPONSOR



Committee Members

Without the hard work of the following individuals today's conference would not be possible.

2019 CHAPTER OFFICER MEMBERS

CNYSHE

Central New York Society of Healthcare Engineers
John A. Gaetano - President
Conference Chair
Cayuga Medical Center

Aaron Petty - Vice President Upstate University Hospital

Kevin Leach - Treasurer Mohawk Valley Health System

Brenda Michaud - Secretary
Cayuga Medical Center

John Green - Associate Member Seimens

HESGNY

Hospital Engineering Society of Greater New York
Paul Raschilla - Vice President
Acceptance Engineering

Eric Lorenzen - Treasurer Memorial Sloan Kettering Cancer Center

ENYSHE

Eastern New York Society for Healthcare Engineering

Jeffrey Casale - President

Saratoga Hospital

GVRAHE

Genesee Valley Regional Association of Healthcare Engineers Joe LaVigne - President University of Rochester Medical Center

> Mike Aratari - President Elect Rochester Regional Health

Christopher Licata - Treasurer University of Rochester Medical Center

Joe DiBitetto - Secretary
ACC Contracting

WNYSHE

Western New York Society of Healthcare Engineers Ken Swain - President Schofield Care

Matt Brooks - Associate Member

2019 COMMITTEE MEMBERS

Larry Clark - CNYSHE Clark Air

Melissa Snavlin - CNYSHE Dwyer Architectural

Eric Witschi - CNYSHE C & S Companies

Helen Kashten - GVRAHE
Pathfinder Engineers and Architects

Paul Levesque - GVRAHE

Holt Architects

Michelle Trott - GVRAHE CPL

James Wentworth - GVRAHE University of Rochester Medical Center

Jay Woodcock - GVRAHE

Dwyer Architectural

Michael Zanghi - GVRAHE Highland Hospital

About the speckers

MONDAY, OCTOBER 7, 2019

8:15 - 9:15 Cypress

Gary Fitzgerald | President (UISS) United Iroquois Shared Services State of Healthcare in New York



Gary J. Fitzgerald is the President & CEO of the Iroquois Healthcare Association, a regional trade organization representing 54 hospitals and health systems across 32 counties of Upstate New York. Mr. Fitzgerald will examine the current state of healthcare affairs in New York, including policy & legislative initiatives, regulatory requirements, and payment reform. He will also address current issues impacting New York's hospitals, including state budget implications, Medicare & Medicaid, and workforce – factors that will define the upcoming 2020 New York State Legislative Session.

9:15 - 10:15 Cypress

Keynote Jim Kelly - Hall of Fame Quarterback Buffalo Bills "A Journey of Perseverance"



Jim's toughness has been tested time and time again. After his retirement, not only did he lose his 8 year old son Hunter to a disease called Krabbe Leukodystrophy, Jim also survived two battles with cancer. Jim speaks about the power of the four F's – Faith, Friends, Family and Fans and what it really means to be "Kelly Tough."



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Wishing our friends attending the 2019 NYS Healthcare Facilities Conference a great show!

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Designing Practical and Functional Solutions

MONDAY, OCTOBER 7, 2019

11:00 - 12:00 Cypress



Bill Koffel - President Koffel Associates
Test Your Code Knowledge

Understanding regulatory codes and standards is an integral factor in proper maintenance of fire protection systems. This session serves to reinforce knowledge of long-standing requirements, while providing an introduction to new principles. This interactive lecture allows audience members to respond to multiple-choice questions regarding the requirements of various NFPA codes and standards. The number of participants for each question will be displayed during the presentation, along with the percentage of correct responses. A low percentage of correct responses will trigger an explanation of the requirement in addition to an open discussion. If the percentage of correct responses is high, the participants will simply be provided with the correct answer and code/standard reference. While the main topics will stem from NFPA 101, NFPA 25, NFPA 72, and NFPA 80, some questions from other code references (i.e. NFPA 10, NFPA 96, and NFPA 17A) will also be included. The open discussion will encompass background justification of changes to specific requirements and examples of requirements applied to any industry.

Seneca



Bryan Langlands, AIA, ACHA - NBBJ Chris Prochner, PE, LEED AP - Jaros, Baum & Bolles NYU Kimmel Integration of Infection Prevention & Design



This presentation will focus on integration of infection prevention as a primary driver in the design process which guided decision making, and shaped the planning, programming and design of the recently opened 830,000 GSF NYU Langone Health Kimmel Pavilion (374 beds, 30 procedure rooms). Priorities were established early on, with infection prevention being one of the primary considerations when planning and design decisions were made. With the direction and commitment by NYU Langone Health to keep infection prevention considerations when designing and planning the new building allowed the design team to develop a full building approach.

Onondaga



David Hood - Jensen Hughes Company
Surgical Fire Safety Preparedness and Compliance

The risk and ramifications of surgical fires continues to elevate the importance of education and training on the topic. This session will overview best practices around surgical fire prevention, suppression and evacuation. It will outline various resources on the topic and discuss the more recent requirements found in NFPA 99 (The Health Care Facilities Code).



MONDAY, OCTOBER 7, 2019

1:30 - 2:30 **Cypress**



Sue Mc Laughlin - MSL Healthcare Partners **Joint Commission Update**

This presentation will provide an update on the current status of accreditation surveys from The Joint Commission. It will address current hot topics, focus points, and recent changes in standards and interpretations, along with suggestions for compliance. The current top ten findings in the Environment of Care, Life Safety, and Emergency Management standards will also be reviewed.

Seneca



Dr. Stephanie Taylor - Taylor Healthcare Consulting Putting People First: The Healing Power of IAQ

Why are human beings struggling with so many infections, allergies and chronic diseases? Are we simply becoming weaker creatures while microbes are evolving into more infectious and problematic germs? Or, we are missing something very important - some force or factor that is simultaneously increasing our vulnerability while strengthening micro-organisms that make us sick? Come to this seminar to learn how essential YOU, the professionals in designing, building and managing indoor environments, are in turning around these alarming health trends. Understanding the powerful influence of indoor air on humans is not just theoretically interesting; it has become an urgent topic for all of us. For those unsure of the "return-on-investment" for buildings that support occupant health, financial data will also be presented. Get ready to be totally amazed by the power of properly managed indoor air and learn actionable steps to improve your own health, productivity and learning.

Onondaga



Bradley Marmon - Emergency Management Coordinator

Upstate University Hospital, Winter Storm & Water Break Response Planning and responding to disasters is time and resource intensive. The response can be compounded by a no notification secondary disaster that impacts critical infrastructure. Winter Storm Harper impacted SUNY Upstate in many ways; however, this event was further impacted by a water main break at the peak of the storm. An effective way to manage hazards that threaten the operational status of the organization is planning and coordination of early response interventions. This session will examine how organizations can use data and predictive information to influence early interventions in preparation for abnormal operations during natural disasters. Planning, response, and lessons learned will be discussed to give attendees plenty to think about for the future of their preparedness and response teams.

GOLD LEVEL SPONSORS





MONDAY, OCTOBER 7, 2019

3:00 - 4:00 Onondaga

Rachel Cicigline - NYSDOH

Janet Stout - President and Director, Special Pathogens Lab

NYS Water Management Plans: "Protection Against Legionella"

This presentation will cover a brief overview of New York State's 10 NYCRR Part 4 regulatory requirements regarding cooling towers and healthcare facilities. The main focus will be on the key elements of water management plans in health care facilities and the development of New York State's regulation, Protection Against Legionella. There will also be discussion regarding solutions that were created to address concerns that were raised during development and what New York State has planned for the future of water management plans and compliance.



Legionella and Construction: A Patient Safety Initiative

Outbreaks of Legionnaires' disease are increasingly associated with new construction. Delayed occupancy, plumbing materials and ineffective commissioning contribute to the risk. Several recent outbreaks will be presented as case studies that represent both within building renovation and new building construction. History will repeat itself if we don't fully understand these risks and how to effectively mitigate these risks.



Bill Koffel - President Koffel Associates The Suite Advantage



Recent editions of NFPA 101: The Life Safety Code and the International Building Code have expanded the opportunities to use suites in both new and existing construction. However, many facilities and designers still do not use suites to their full advantage. In this session, the changes and updates to suite requirements in the 2012 edition of NFPA 101 and the 2012, 2015, and 2018 editions of the International Building Code will be outlined and potential risks associates with suites will be discussed. Newly constructed facilities that have not employed suites will be examined to determine how the design could have been modified to include suites.

Seneca

Scott Heller - Director of Emergency Management Albany Med Center Charlie Friderici - Life Safety/Emergency Preparedness Coord., Saratoga Hospital Mass Gathering Event Planning & Response for Hospitals



Charlie Friderici and Scott Heller will discuss the importance of including the involvement of the healthcare sector, when planning community mass gatherings. Through past event management, observing events in their own and other regions, and from years of experience in healthcare emergency management, the panel discussion will provide insight and solicit feedback from attendees on best practices, lessons learned, and planning elements that are key to successful medical planning.



https://www.nyhcfc.org/opportunities

NYS Healthcare Conference welcomes all relevant healthcare, facilities management and keynote speakers to submit their presentation topic to speak during our two-day conference.

All submissions will be considered for the 2020 conference if received by March 27, 2020.

About the speckers

TUESDAY, OCTOBER 8, 2019

7:45 - 8:00 Cypress





ASHE board member, Region 1 Director has over 33 years as a healthcare engineer and manager. Mr. Browne has managed facility, safety, security, support service, and clinical departments in a wide variety of healthcare settings – from community hospitals to regional healthcare systems to tertiary teaching institutions including long term and chronic disease. Mr. Browne's specialties also include emergency preparedness, hazardous materials management, life safety, security, and environmental services.

8:00 - 9:00 Cypress

Tim Adams -ASHE American Society of Healthcare Engineers ASHE Advocacy Update



The healthcare physical environment is one of the most regulated of all physical environments. This session focuses on resources and tools available to those responsible for the physical healthcare environment to assist with managing the regulatory burden. Current advocacy initiatives will be explored as well as the advocacy process and how individuals can engage in shaping the future healthcare environment.

Seneca/Onondaga

Bryan Langlands, AIA, ACHA - NBBJ Chris Prochner, PE, LEED AP - Jaros, Baum & Bolles Get the latest insights: FGI's Beyond Fundamentals



This presentation will focus on an overview of the Facility Guidelines Institute's (FGI) new Beyond Fundamentals resource library - explaining what it is, why its important, and how to use it. Launched concurrently with publication of the 2018 Guidelines for Design and Construction documents, the Beyond Fundamentals library offers health care design professionals a variety of resources featuring timely information and design guidance that go beyond the Guidelines requirements. Hear about the latest additions to the digital library and get a sneak peek of the projects under development.



9:15 - 10:15 Cypress

Doug Erickson - Senior Advisor Specified Technologies, Inc. Update on FGI Guidelines - What's New



This session will highlight the major changes and key factors influencing the changes in the 2018 FGI Guidelines for Design and Construction documents. These changes include requirements for recovery spaces; imaging, procedure, and operating rooms; and satellite sterile processing spaces in hospitals and outpatient facilities.

Seneca

Steve Kaufer - IA Associates Inter / Action Associates

Planning for the Unthinkable

Understanding and Addressing the Threat of an Active Shooter

Planning for the Unthinkable - Understanding and Addressing the Threat of an



- Understand the unique challenges of a healthcare facility related to an active shooter or a threat of an incident.
- What types of programs and training have our peers implemented to protect their facilities.
- Ideas for effective program improvements that can amp up your program.
- Available resources for no-cost assistance

Active Shooter.

TUESDAY, OCTOBER 8, 2019

10:30 - 12:00 Cypress



Udo Ammon - CEO - Dir. Bureau of Arch. & Engineering Review NYSDOH CON 101 with NYSDOH & CMS Regulatory Update

Currently Bureau Director for Architectural and Engineer Review unit for the New York State Department of Health since January 2014 and is an active committee member of FGI, participating in the 2018 and 2022 development of the guidelines.

11:00 - 12:00 Seneca/Onondaga

Steve Kaufer - IA Associates Inter / Action Associates

Sue Yourself Before Someone Else Does - Understanding Security Liability



- If a security-related incident happens at your facility that results in a serious injury or death, would a jury believe you took all necessary steps to avoid the occurrence?
- Learn about "standard-of-care" and how that can dramatically increase or decrease the liability of your hospital.
- What simple steps should you take to reduce the potential for security-related claims and litigation?
- Why is the Plaintiff's expert witness saying all the these mean things about us?

1:30 - 2:30 Cypress



Dan Chisholm, Sr. - MGISYS - Chairman Tech. Comm. NFPA 110 & 111 Emergency Power, CMS Compliance, and Healthcare Microgrids

Federal, state and local emissions regulations have increased the pressures and requiremnts of emergency system designs and testing protocols. Fortunately the new NFPA Healthcare and Emergency System standards will alleviate some of those pressures. Also, the economics of installing hybrid micro grids systems are favorable state-wide. The CMS requirements found at 42 CFR for 482.15 bring accountability to the forefront.

Seneca/Onondaga



Scott Hansche, AIA, LEED AP BD & C - CBRE | Heery, Iowa City

Behavioral Health Crisis Stabilization Unit: Solution to an Overcrowded ED Emergency departments are losing efficiency with the growing number of mental health patients being seen and cared for in them. One solution is to provide the appropriate environment to address the specific needs of the mental health patients. This session will examine the Behavioral Health Crisis Stabilization Unit at the University of Iowa Hospital and Clinics, including direct outcomes achieved by the project. The unit has had a positive effect on the ED, lessening mental health patients in the ED, and decreasing the psychiatric inpatient admission rates for patients. Planning, design and specific details of the unit will be discussed in depth to give attendees working knowledge of how to approach and execute a similar unit.

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TUESDAY, OCTOBER 8, 2019

2:45 - 3:45 Cypress



Gordon Deleys - US Dept. Labor OSHA Compliance Assistance Specialist OSHA Affecting Healthcare Facilities in NYS

Mr. DeLeys has worked for the Buffalo Area Office of the Occupational Safety and Health Administration for the past 34 years. He has held the position of Industrial Hygienist, Assistant Area Director for Health Compliance, Acting Area Director and Compliance Assistance Specialist. In his role as a Compliance Assistance Specialist, he provides information to employer associations, labor organizations and industry groups on how to comply with the OSHA regulations. He also works with high-performing worksites in helping them to continually improve their existing safety and health management systems through the Voluntary Protection Program.

Seneca/Onondaga



Kelly Proctor - DNV-GL Physical Environment Sector Lead

Work Place Violence Requirements for Healthcare - NFPA 99 2012

Workplace Violence is a growing concern in healthcare. With the number of violent acts occurring in healthcare and the number of active shooters increasing, hospitals are forced to establish an effective workplace violence program. Hospitals struggle meeting the numerous guidelines and standards surrounding workplace violence, this course will help participants determine what standards and guidelines to meet and how to establish an effective workplace violence program.

https://www.nyhcfc.org/opportunities

Student Scholorships

We will be accepting applications for the 2020 Healthcare Facilities Conference from matriculated college students having an interest in engineering/architectural design and a desire to network, learn and explore a career in healthcare facilities profession.

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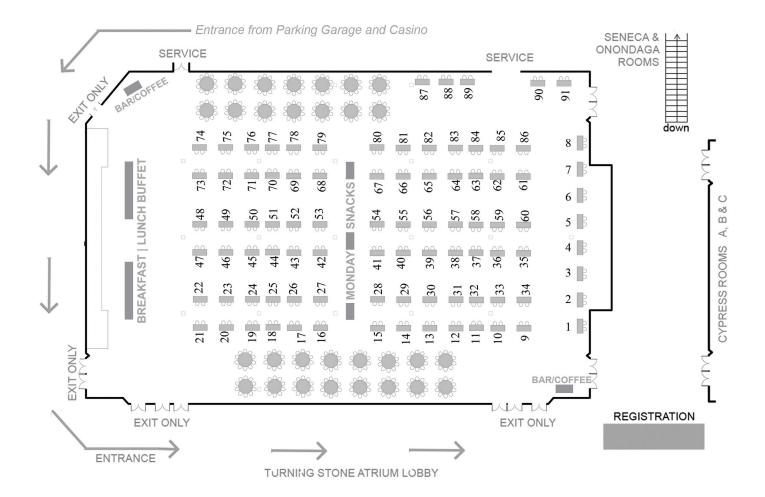


Exhibitor Directory

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THANK YOU 2019 VENDORS	

VENDOR AND EXHIBITOR BOOTHS

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2	GPI/Greenman - Pederson, Inc.	23	Sherman Engineering
3	Johnson Controls Inc	24	BR Johnson LLC
4	Pevco	25	BR Johnson LLC
5	Enrich Products, Inc.	26	Sano - Rubin Construction
6	F.W. Webb Company	27	Day Automation
7	The Metro Group	28	SERVPRO
8	Fresh-Aire UV	29	PG LifeLink
9	CPL	30	Compass Cryogenics Inc
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11	Postler & Jaeckle Corp	33	Popli Design Group
12	ENVISION Architects DPC	34	Barclay Water Management
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15	Hyman Hayes Associates	37	Armstrong International
16	Dwyer Architectural	38	Messer - USA
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66	Clark Air Systems	90	NYSDOH
67	RL Stone Company	91	ASHE / Chapter Booth



2019 HEALTHCARE FACILITIES CONFERENCE

















