

Fall Workshop

KANSAS HEALTHCARE ENGINEERS ASSOCIATION

October 1-3, 2024

**Hilton Garden Inn Manhattan
410 S 3rd St
Manhattan, Kansas**



Kansas Healthcare Engineers Association



Kansas Hospital Association



American Society of Healthcare Engineering



AGENDA

Tuesday, Oct. 1 — Golf Tournament

8:00 a.m. Check In
Colbert Hills, 5200 Colbert Hills Dr., Manhattan, KS

9:00 a.m. Tee Off

5:30 p.m. Board Meeting, Hilton Garden Inn Manhattan

7:00 - 8:30 p.m. Social Event at Hotel
Sponsored by Kruse Corp & McCownGordon Construction

Wednesday, Oct. 2

7:30 a.m. Registration

8:00 a.m. Welcome and Business Meeting

8:30 a.m. ASHE Advocacy Update
Austin Wallace, sustainability senior specialist, ASHE

9:30 a.m. Unlocking Cyber Threats: A Peek Behind The Curtain
Dallas Haselhorst, information security engineer, TreeTop Security

10:30 a.m. Break

10:45 a.m. NFPA 99 Medical Gas System Regular Maintenance requirements
Clark Zeit, medical gas specialist, Medical Technology Associates
Shad Cox, service/sales manager, Medical Technology Associates

12:00 p.m. Lunch

1:00 p.m. Facility Master Planning: How Your Facility Impacts Your Strategic Plan
Mike Vance, vice president, Murray Company
Kevin Tubbs, director of business development, Murray Company

2:00 p.m. Break

**2:15 p.m. AI and IoT Powered Buildings,
The Future of Automated Compliance: A Hays Medical Case Study**
Lance Smith, director of facilities, HaysMed
Christopher Hariz, founder, Hexmodal

3:15 Break

3:30 p.m. Commissioning and Integrating legacy & new systems in Hospital Remodels
Jereme Nollett, PE, CCP, EMP. commissioning executive, McCownGordon Construction

4:30 - 6:00 p.m. Vendor Show



AGENDA (CONT.)

Thursday, Oct. 3

7:30 a.m. Expanded Round Table Breakfast

8:45 a.m. Healthcare Water Quality considerations and ST-108
Chem-Aqua, Inc.

9:30 a.m. Break

10:00 a.m. Upcoming Refrigerant Changes
Brandon Bulla, account manager, Building Controls & Services

10:45 a.m. The Climate/Healthcare Initiative – Greenhouse reduction evaluations and recommendations in Kansas hospitals
Arthur Fink, assistant director, Pollution Prevention Institute, Small Business Environmental Assistance Program, Kansas State University

11:30 a.m. ASHE Conference Recap
Shane Meier, director of facilities, NMC Health & Justin Cerre

12:00 Lunch & Adjourn



PRESENTER INFORMATION

ASHE Advocacy Update

As the Sustainability Senior Specialist for the American Society for Health Care Engineering (ASHE) of the American Hospital Association (AHA), Austin supports and implements the Associations' Environmental Sustainability, Energy to Care, and HealQuest initiatives. Additionally, Austin is involved in ASHE's advocacy efforts particularly within ASHRAE, representing ASHE on ASHRAE 100, ASHRAE 189.3, and ASHRAE Building EQ.

Unlocking Cyber Threats: A Peak Behind the Curtain

Join us for an eye-opening dive into the world of cybersecurity where we will discuss threats, how the criminal underground works, followed by who cybercriminals target and why. Attendees will also witness live demonstrations covering a wide range of attacks including social engineering, key fob cloning, phone spoofing, and more to further expose the tactics used to exploit vulnerabilities. Learn practical strategies to protect yourself and your organization from these sophisticated attacks and fortify your digital defenses.

NFPA 99 Medical Gas System Regular Maintenance requirements

In this session Clark Zeit & Shad Cox with Medical Technology Associates will cover a variety of medical gas topics including: Preventive maintenance requirements; Who can do it; and Certifications and trainings available.

Facility Master Planning: How Your Facility Impacts Your Strategic Plan

Murray Company will share their Facility Master Planning process, identifying how to access a hospital's current state. We will show how demographic, and utilization data helps you make analytical decisions service lines and "right sizing" hospital departments. The process will eventually show the hospital how their facility needs to change to meet their future needs and optimize the results of their strategic plan while being mindful of their financial capabilities and future capital planning.

AI and IoT Powered Buildings,

The Future of Automated Compliance: A Hays Medical Case Study Rural Emergency Hospital

In this session, Hays Medical Center's Lance Smith will share how his facility is using AI and IoT to help his facilities team overcome their compliance challenges.

Faced with shrinking budgets, growing footprints, and difficulty hiring and retaining talent, his team has turned to Next Generation Smart Devices to automate their CMS Required Inspections, Testing, and Recordkeeping - without involving IT.

Attendees will learn how to deploy IT-free devices in days without capital allocation, allowing them to keep their team's valuable time focused on mission-critical work like emergency repairs, preventative maintenance, and projects.

Commissioning and Integrating legacy & new systems in Hospital Remodels

A discussion of considerations, challenges and best practices when blending new and old systems in a hospital.



PRESENTER INFORMATION (CONT.)

Healthcare Water Quality considerations and ST-108

This presentation is focused on ST-108 as it relates to Sterile Processing and would fall under the Infection Prevention and Control topic area.

Upcoming Refrigerant Changes

Brandon Bulla, account manager with Building Controls and Services, will cover the upcoming changes from the US DOE requiring HVAC equipment manufacturers to transition to low-GWP refrigerants, the associated impact on HVAC equipment as well as the industry impact, and the timelines for these changes. And most importantly, how it affects Healthcare Facilities.

The Climate/Healthcare Initiative – Greenhouse reduction evaluations and recommendations in Kansas hospitals

This is a collaborative project between KHEA and the Kansas State University Pollution Prevention Institute Funded by the EPA through their Source Reduction Assistance Grant

In 2022, the Kansas State University Pollution Prevention Institute collaborated with the Kansas Healthcare Engineers Association to propose a grant project under the EPA Source Reduction Assistance grant program. KHEA members had recently signed a pledge to reduce GHG emissions by 50% by 2030 and to net zero by 2050, and KSU PPI worked with KHEA on proposing a grant project to help KHEA members analyze their current emissions and develop ways for facilities to achieve these goals. During the summers of 2023 and 2024, KSU PPI leveraged its summer intern program to provide two interns each year that would then get trained on emissions auditing and then provide auditing services for small and medium sized hospitals in Kansas. This presentation will summarize both years of work, in terms of activities and in terms of emissions and dollars saved, and discuss some of the other findings resulting from the facility visits and subsequent analyses.

ASHE Conference Recap with Shane Meier, director of facilities, NMC Health



MISCELLANEOUS



Location and Hotel Accommodations

This workshop will be at the Hilton Garden Inn Manhattan, 410 S 3rd St., Manhattan, KS 66502. Reservations may be made [online](#) or by calling (785) 532-9116. There is no reduced room rate after August, 31, 2024.

2024 Star Vendors

Apex Medical Gas Systems, Inc.
BHC
Central Mechanical Construction Company
DCS Services
ECC
HFG Architecture
Hajoca
INA Alert, Inc.

Kruse Corporation
McCownGordon Construction
MTA
Murray Company
Roofmasters Roofing & Sheet Metal Company Inc.

2024 Board Members

Justin Cerre, President
Gregg Frelove, President Elect
Lance Smith, Treasurer/Program Committee Chair
Shane Meier, Past President/Secretary
Mike Stallbaumer, ASHE Advocacy/Sustainability Liaison/Program Committee
Jennifer Findley, Scholarship Committee Chair/KHA Liaison
Gordon Beightel, Northeast District Representative
Preston Whittley, Southeast District Representative
Nathan Sicard, North Central District Representative
Brandon Bulla, South Central District Representative
Tim Lee, Northwest District Representative
Southwest District Representative, Vacant
Social Committee: Norbert Flax & Brent Castillo
Program Committee: Norbert Flax, Steve Rippert,
Shawn Hoss, Brent Castillo, Barry Koetkemeyer, Mike Filley
and Adam Travis



REGISTRATION

2024 KHEA Fall Conference

Event Date: Oct. 1-3, 2024
Event Venue: Hilton Garden Inn Manhattan
410 S 3rd St.
Manhattan, KS 66502

Registration Fee is \$90 per person and includes meals, breaks and all program materials.

Golf Registration is separate. Please click [here](#)

Two easy ways to register:

Online: <https://kheaks.starchapter.com/index.php>

By check: Mail check and completed form to:

Melissa Willey
Kansas Hospital Association
215 S.E. Eighth Ave.
Topeka, KS 66603



First Name: _____ Last Name: _____

Title: _____

Organization: _____

Address: _____ City, State, Zip: _____

Telephone No.: _____

Email Address: _____

Please make checks payable to the Kansas Healthcare Engineers Association (KHEA). Payment is due at the time of registration. DO NOT include other payments with your conference check.

Refund Policy

A full refund will be given for cancellations received in writing by email, fax or mail to KHA prior to 5 p.m., Thursday, Sept. 26. Refunds will not be issued for cancellations received after 5 p.m., Thursday, Sept. 26.

Special Services: If you need any of the aids or services identified in the Americans with Disabilities Act, contact Melissa Willey, mwilley@kha-net.org.

QUESTIONS: Contact KHA Education Department at
(785) 233-7436 or email mwilley@kha-net.org.