

THE WHISTLE

FLORIDA HEALTHCARE ENGINEERING ASSOCIATION

THE PRESIDENT'S CORNER

Kirk Dickson
CHE, CHFM, CHC



From the President

As I sat down to think about what I would write about for this Whistle article, I reflected on the events over the past weeks with hurricanes Helene and Milton. I am sure we all know someone that was affected by these horrible storms. I made several calls to facilities in Florida that were in the storms' paths to ask if there was any assistance that FHEA could provide.

I was both surprised and relieved that those I was able to reach out to, all said, we are good. Some were still on emergency power and had minor damage, but were thankful and able to maintain operations. These hospitals were able to continue to provide services to the people and the communities they serve.

Knowing what these facilities went through and were still able to continue to operate has made me realize how incredibly proud and thankful we are in the business we are in. Looking adversity in the face and never missing a step shows we are members of an elite group. I hope everyone has recovered or is well on the way to recovery from these hurricanes. It is a comfort to know that we as a group are always ready to help a fellow facilities member in need. Thank you to each of you for the commitment that you have made to representing the facilities teams throughout the state of Florida.

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FHEA FALL EXPO & EDUCATIONAL CONFERENCE
Nov. 10 - 12, 2024
St. Pete Hilton Bayfront

THE PRESIDENT'S CORNER (CONTINUED)

I am proud to say that FHEA is matching dollar for dollar up to \$10,000 given to the Florida Disaster Relief Fund for the victims. For those that have donated, thank you and for those that would like to donate you may do so by clicking on this link: <https://fhea.wildapricot.org/Hurricane-Relief-Donate>

Did I mention the FHEA Expo is on course to be our largest tabletop expo ever? This Fall's conference will be like no other event we have held before, and it should not be missed. Besides excellent education and networking, we will be recognizing our Veteran scholarship awardees and all Veterans who have served in the Military. I want to give a special thank you to Marty, Sarah, and the Meeting Management Group for continuing to canvas the state of Florida to find these gems that will contract with us at such a reasonable cost. Providing value to our members remains a top priority for us.

Register now and make your room reservations, <https://www.fhea.org/2024-fhea-fall-meeting>

We look forward to seeing you soon at the upcoming 2024 FHEA Fall Expo & Educational Conference, November 10 – 12, in St. Petersburg.

FHEA - HURRICANE HELP



FHEA will be matching funds, up to \$10,000.00 total, given to the Florida Disaster Relief Fund for victims of the recent hurricanes. These matching donations support those who were impacted by the storms and supports the mission of both our governor and Florida Hospital Association. FHEA will match dollar to dollar for any amount you wish to donate to help these folks who have lost so much. If you would like to donate, click here, <https://fhea.wildapricot.org/Hurricane-Relief-Donate>

Several members have also graciously provided information about extra rooms in their homes if you are in need of temporary shelter. If you have this need, please notify our office at info@fhea.org OR if you have extra room in your home for our members who need temporary housing, please let us know that as well. We will act as a clearing house to match up those folks in need with members who have space.

If you have any questions, email info@fhea.org or call the FHEA office, 813.988.3432.

THE WHISTLE

Do you have an healthcare industry educational article to contribute? Submit to info@fhea.org

PLACE AN AD IN THE WHISTLE

Supporting FHEA Members: Place a 1/2 or 1/4 page ad in The Whistle (as space permits)

1/2 Page - \$350 1/4 Page - \$175

Contact the FHEA office at 813-988-FHEA

2024 FHEA FALL EXPO & EDUCATIONAL CONFERENCE
Early Bird Registration Deadline Waived Until November 1st!

The upcoming 2024 FHEA Expo & Educational Conference, at the Hilton Bayfront in St. Petersburg, will take place November 10 - 12 - close to the end of hurricane season; SO if there were other conferences that you had planned to attend, AND due to the Hurricane Helene, you were unable to, BUT you need Continuing Education, the FHEA Fall Conference is the place to get it! We are offering up to 8 CE units for ASHE, Florida Professional Engineers, Florida Architects, and Florida Interior Designers.

We have waived our Early Bird pre-registration deadline until November 1st, so sign up and make your room reservations at the Hilton today. Complete information can be found at <https://www.fhea.org/2024-fhea-fall-meeting>

Questions? Email info@fhea.org or call 813.988.3432.

2024 FHEA FALL EXPO & EDUCATIONAL CONFERENCE
Registration Fees

- FHEA Certified Healthcare Engineer (CHE) Member - \$130 (*Eligibility will be verified*)
- FHEA Healthcare Member – \$150.00
- FHEA Life Member - comp
- FHEA Supporting Member – \$375.00
- Non-Member – \$425.00

REGISTER NOW



2024 FHEA FALL EXPO & EDUCATIONAL CONFERENCE SCHEDULE

(as of October 21, 2024)

Saturday, November 9, 2024

5:00 - 6:00pm

FHEA Board Meeting

Sunday, November 10, 2024

6:45-8:00am

Morning Coffee

Sponsor: Homeyer Consulting Services

7:00am

Fishing and Golf - off site

3:00 - 4:00pm

District IV Meeting

4:00 - 5:00pm

Supporting Member Forum

5:00 - 6:00pm

Welcome Reception

Sponsors: Belfor; Chillmaster; Inpro

Monday, November 11, 2024

7:30 - 8:30am

Continental Breakfast

Sponsors: Arc Facilities; Harper Limbach

8:30 - 8:45am

Welcome to the Fall Conference

Kirk Dickson, CHE, CHFM, CHC; FHEA President

8:45 - 9:45am

Healthcare Facilities Roundtable: Maximizing Tech, Emergency Response, Succession Planning, and Facility Operations

Moderator: David Trask; ARC Facilities

Panelists: Dr. Walter Lamar; University of Miami

Bobby Baird, FASHE, CHFM, CHSP, CHC; UF Health Shands

John Crouch; AdventHealth, Wesley Chapel

9:00am

Sponsors - Priority Set-up

2024 FHEA FALL EXPO & EDUCATIONAL CONFERENCE SCHEDULE

(as of October 21, 2024)

Monday, November 11, 2024

<p>9:45 - 10:00am</p>	<p>Networking Break <i>Sponsors: BDA Architects; First Onsite; Life Safety Enterprises</i></p>
<p>10:00am</p>	<p>Expo Exhibitors Set-up</p>
<p>10:00 - 11:00am</p>	<p>Breakout Sessions: 1) Reimaging Healthcare in an Internet of Everything Enabled World <i>Speaker: George Valaes; Schneider Electric</i> 2) BMS Basics (HVAC) <i>Speaker: Joe Tossing; Automated Logic</i></p>
<p>11:00am - 12:00pm</p>	<p>Breakout Sessions: 1) Exploring Campus-wide UPS Deployment and How it Effects the Total Cost of Ownership <i>Speaker: Michael Sheppard; Piller Power Systems</i> 2) Forging the Future: Elevate Healthcare with Smart Fire and Door Compliance Strategies <i>Speakers: Alex Cartier; National Firestopping Solutions, Inc. Rob Curry; RHI Associates</i></p>
<p>12:00 - 1:00pm</p>	<p>Lunch <i>Sponsors: Green Air Environmental; Paramount; Soprema</i></p>
<p>1:00 - 2:00pm</p>	<p>Breakout Sessions: 1) Essential Facilities Design Considerations <i>Speakers: Guido Salas and Rupesh Gulati; Raymond</i> 2) Fault Detection & Diagnostics: Leveraging Technology to Drive Healthcare Outcomes <i>Speakers: Paul Salonia and Steven Wagman; Siemens Industry Jared Galloway; Jackson North Medical Center</i></p>
<p>2:00 - 3:00pm</p>	<p>Breakout Sessions: 1) Impact Alert: Prioritizing Capital Spending, Optimizing Building Efficiency; and Controlling Energy Spending <i>Speakers: Mark Pipher and Stephanie Lanker; FacilityConneX</i> 2) Specifying HVAC Systems to Meet Industry Guidelines and Trends <i>Speaker: Andrew Weidert; Stark Tech</i></p>

2024 FHEA FALL EXPO & EDUCATIONAL CONFERENCE SCHEDULE

(as of October 21, 2024)

Monday, November 11, 2024

<p>3:00 - 3:15pm</p>	<p>Networking Break <i>Sponsors: Accurate Locke and Hardware; Hightower Industries; TLC Engineering Solutions</i></p>
<p>3:15 - 4:15pm</p>	<p>Preparing for the Future of Code Compliance: Major Code Changes from the NFPA 99 2012 Edition to the 2024 Edition <i>Speaker: Mathis Carlson; MediTrac</i></p>
<p>4:15 - 6:45pm</p>	<p>Welcome Expo Reception <i>Sponsors: RGF; The Davey Tree Company; Tremco</i></p>

Tuesday, November 12, 2024

<p>7:30 - 10:00am</p>	<p>Breakfast in the Expo; Door Prize Crawl <i>Sponsors: Door Specialties, Inc.; Legrand</i></p>
<p>10:00 - 11:00am</p>	<p>Water Management for Sterile Processing - A Case Study Showing Its Evolution <i>Speakers: Margaret Jasinski; Phigenics Bobby Baird, FASHE, CHFM, CHSP, CHC; UF Health Shands</i></p>
<p>11:00am - 12:00pm</p>	<p>Understanding Water Safety for Construction - From Design to Occupancy <i>Speakers: Rick Dandrow and Gage Alvarez; Phigenics</i></p>
<p>12:00pm</p>	<p>Box Lunches to Go <i>Sponsors: HVAC Rentals; UV Angel</i></p>

The FHEA reserves the right to change topics, speakers, and times due to unforeseen circumstances.

2024 FHEA FALL EXPO & EDUCATIONAL CONFERENCE SPONSORS

(as of October 21, 2024)

FHEA FALL SPONSORS



Lanyards



Sunday Welcome Reception



Sunday Coffee Break



Monday Morning Break



Monday Lunch



Monday Afternoon Break



Monday Expo Drink Tickets



Tuesday Box Lunch



Key Packets



Sunday Welcome Reception



Monday Continental Breakfast



Monday Morning Break



Monday Lunch



Monday Afternoon Break



Monday Expo Drink Tickets



Tuesday Box Lunch



Conference Power



Sunday Welcome Reception



Monday Continental Breakfast



Monday Morning Break



Monday Lunch



Monday Afternoon Break



Monday Expo Drink Tickets



Expo Breakfast



Expo Breakfast

2024 FHEA FALL EXPO & EDUCATIONAL CONFERENCE

TABLETOP EXHIBITORS

(as of October 21, 2024)

FHEA FALL TABLETOP EXHIBITORS

A-1 Orange Exterior Building Services
 Advanced Roofing
 American Portable Air
 Andrews Filter Supply
 Ashberry Acquisition Company
 Barclay Water Management, Inc.
 Bethel Products LLC
 Carolina Filter Supply
 Commercial Products
 Concentric-Jantech Services
 Detex Corporation
 Duro-Last
 Engineered Energy Equipment
 Envinity
 Evcor
 Filtration Group
 Flexcart
 GHP
 Hexmodal
 JLL, Healthcare powered by ATG
 intelligence

Lektraflor
 MediTrac by Omegaflex
 Modern Containment Systems, LLC
 Momar
 Nalco Water an Ecolab Company
 National Firestopping Solutions, Inc.
 Nova Engineering and Environmental
 Paladin Healthcare LLC
 Paradise Filter Supply
 Phigenics
 Premier Water & Energy Technology
 Prime Power Services
 Pure Flow
 Schneider Electric Holdings
 ServiceMaster DSI
 Smith Seckman Redi
 Translogic Corp
 Unison Energy
 Victaulic
 Walker Consultants

SAVE THE DATE!

MAY 19 - 21, 2025

Trailblazers and Visionaries

FHEA ANNUAL TRADE SHOW & EDUCATIONAL CONFERENCE

Renaissance Sea World, Orlando





MEET OUR FHEA VETERANS' SCHOLARSHIP AWARDEES

Join us at the upcoming 2024 FHEA Expo & Educational Conference, November 10 – 12, at the Hilton Bayfront in St. Petersburg as we recognize our Veterans' Scholarship Awardees.



Kris Adrian

Kris Adrian is a Navy veteran and current member of the FHEA and a CHE. He served from 1976-1981 and was part of the engineering team on the USS Schenectady (LST-1185) and the USS Constellation (CV-64). Kris completed two West Pac deployments and was part of the Auxiliary Gang engineering departments that maintained the refrigeration, HVAC, hag evaps, elevators, lifeboats, deck winches, and other auxiliary equipment.

He is a strong believer in keeping up with the codes and regulations to keep those who enter our hospitals safe and to ensure the equipment is maintained in excellent condition. The FHEA conferences and district meetings have helped keep him informed of any important changes and best practices of maintaining our health care facilities and staying compliant with AHCA, DNV, Joint Commission, and AHJ's.



**Christopher
Maxfield**

Christopher Maxfield is a brand-new Director of Plant Operations at Florida Medical Center, and he's excited to be attending this year's conference – especially since he was not able to get sponsored by his healthcare system because of the bankruptcy.

Christopher was in the United States Marine Corp from 1998 to 2002 and served as a Military police officer. He is proud of his service in the Corp as it taught him discipline and that there are always more than one way to solve any problems a person may face in life. Christopher thinks that really is true as a facilities director. He is looking forward to our FHEA conference providing him the opportunity to meet new vendors for use at his facility as they rebuild their facilities team at his hospital.



MEET OUR FHEA VETERANS' SCHOLARSHIP AWARDEES

(Continued)



David Higgins

David Higgins has been an FHEA member for one year and reaped great benefits from attending the recent 2024 FHEA Trade Show & Educational Conference in Ocala this summer. He works for AdventHealth Waterman Hospital as their Project Coordinator for construction, remodeling, and remediation.

Though David has been in this position for 6 years, and at the hospital for 13 years, he was only first introduced to FHEA last year. David has said that he cannot believe what resources he has been missing out on, from networking with fellow healthcare professionals, to meeting so many vendor resources that he uses in his daily projects, to the amazing educational offerings by leaders in their field. He only wishes that he had known about FHEA sooner!

David is looking forward to this conference and continuing to grow in the knowledge provided by both the educational speakers as well as the vendor experts. He served in the United States Air Force from 1986 to 1990 in a nuclear laboratory in California as part of the Technical Operations Division at McClellan AFB in Sacramento and says it remains one of the greatest experiences of his life.

Without the FHEA Veterans' sponsorship, he likely would not have been able to attend.



Carlos Zayas

Carlos Zayas is the Facilities Service Manager, East Florida South Market, for Health Trust, and works closely with our FHEA Membership Chair, Jennifer Bello. Carlos was enlisted in the United States Marine Corp from 2005 to 2008. He was in supply and logistics and did two tours to Iraq with the 3rd Bn 6th Mar during that short time.

He has been in the healthcare field for fourteen years, and in facility management/plant operations for ten years. Carlos says he is interested in taking his understanding of the field to the next level and is looking forward to the resources provided by the FHEA to help him accomplish that goal.

Thank you to all of you for your service to our country.

2025 FHEA CALL FOR PRESENTATIONS – SUBMISSIONS DUE BY DECEMBER 4TH

To submit a session for consideration for the upcoming May 2025 FHEA Trade Show & Annual Educational Conference, complete this FHEA Call for Presentations form, <https://mmgfl.wufoo.com/forms/fhea-call-for-presentations/>

Please make sure to include the following:

- A detailed Presentation Summary, Course Description, Bibliography, and Timeline, along with your PowerPoint and/or paper
- Presenter(s) Resume/CV and short bio that includes educational history, all qualifying experience, and publications (if applicable)
- Presentation learning objectives: A summary description with four concise and measurable learning objectives or bullet points of what audience will take away from this presentation
- An Eight question quiz about the presentation topic for state conference attendees seeking Florida Professional Engineer, Florida Architect, and/or Florida Interior Designer Continuing Education credits.

Selection Process: All session proposals will be reviewed by the FHEA Education Chair and FHEA staff and approved by our Board of Directors. Final determinations are made based on how the topic is applicable to our core audience, speaker qualifications, timeliness of the session, and conference mix. Presentations must be educational and must not be advertising and/or marketing for a particular company, service, or product. Speakers and topics will also be vetted. You will be notified of acceptance or denial.

Important:

- Double check that your email address and contact information is correct.
- Please ensure that only the first letter of your first and last name is capitalized, and that your bio(s) reflects your professional achievements accurately, and briefly.
- Complete all applicable fields. You may add multiple speakers to your proposal.
- Ensure that all requested materials have been submitted.

Speaker Information:

SPEAKER EXPENSES/HONORARIA: FHEA has earned a reputation for providing high quality educational programs. We select speakers who share their expertise for the overall benefit of the healthcare engineering profession. Therefore, the FHEA does not pay honoraria, or expenses. Chosen speakers will be given a discount off the regular conference registration fees.

NUMBER OF SPEAKERS PER SESSION: Speakers and/or panelists, including a moderator, are limited to no more than three persons for a 60-minute session.

TRAVEL AND HOTEL ARRANGEMENTS: Speakers are responsible for making their own travel reservations. The FHEA cannot make or modify hotel or flight arrangements on behalf of the speaking faculty. It is recommended that hotel reservations be made as soon as you are confirmed to the program.

COPYRIGHT: By submitting your presentation idea, you are certifying that the work is your own. If the work or a portion of the work is not your own, then you certify that you have permission to use the work, and that proper attribution is given to the work's creator.

SHARING: You understand that if your proposal is selected, you give permission for it to be used by the FHEA for educational purposes.

SUBMISSIONS and OTHER FHEA CONFERENCES: If your submission is not chosen for a state conference, it will be shared with the state FHEA affiliate districts.

Finally, we will do our very best to promote your appearance on our FHEA event website, in our marketing brochure, in The Whistle newsletter, printed conference guide, social and email blasts, and on our official mobile app.

THANK YOU!

We wish to thank you, FHEA members, both Healthcare and Supporting, for your generous support of our association's initiatives. Because of your participation, our organization has been able to provide two state scholarships to worthy students, one at UCF and the other at USF. Our FHEA districts have also awarded scholarships in their areas.

At the upcoming 2024 FHEA Fall Expo & Educational Conference, Nov. 10-12, at the Hilton Bayfront in St. Petersburg, you will have the opportunity to meet our four Veteran Scholarship awardees as we recognize them and thank all Veterans for their service to our country.

Finally, as we strive to recover from the recent hurricanes, we want to thank the following members for their generous donations to the Florida Disaster fund:

Debbie & Bobby Baird-UF Health Shands-Gainesville
 Linda Ballau-Cleveland Clinic Florida
 Sergio Barrero-SaniGLAZE Miami
 Tany Daniels-C.L. Burks Commercial Roofing
 Kirk Dickson-AdvenHealth
 Findlay Dinger-Duct Dynasty Clean Air Corp
 Jim Dixon-Baptist Health South, Clay and Oakleaf
 Jerry Guirlinger-FlexCart, LLC
 John Hatfield-Encompass Health Rehabilitation Hospital of Miami
 Robert Kelly-Cummins Sales & Service
 Felix Robinson-Retired
 Debbie Starr
 Mike and Marty Streeper; Sarah Jeffcoat-Meeting Management Group

As one of our members so aptly said, "We are honored to support the relief efforts for those impacted by the recent hurricanes. A heartfelt thank you to FHEA for your generosity in matching donations up to \$10,000, amplifying the impact we can make together. In times of hardship, it's our collective strength and support that help communities rebuild and recover."

There is still an opportunity to give to the fund at <https://fhea.wildapricot.org/Hurricane-Relief-Donate>.

Thanks so very much – we appreciate your generosity, involvement, participation, and support.

Congratulations!

STUDENT SCHOLARSHIP RECIPIENTS

Josiah Matthew



Mackensie Castro

BEST WISHES TO LONGTIME FHEA MEMBER, NANCY GARRIDO, ON HER RETIREMENT!



Longtime member of the FHEA, Nancy Garrido, is retiring and we want to wish our best to her.

Nancy has been the Director of Business Development with DebonAir Mechanical since 2009. In 2010, she became a Supporting Member of the FHEA and has been an actively involved member ever since that time. Nancy served as a District IV Liaison for 9 years and coordinated many wonderful district events and meetings. She also encouraged healthcare engineers, facility managers, and other company representatives she met to become members of the FHEA. As a result of her ambassadorship in the healthcare engineering industry, Nancy was recognized as the FHEA Supporting Member of the Year awardee in 2013.

The FHEA appreciates Nancy and thanks her for the overwhelming support of our association.

THE JOINT COMMISSION LAUNCHES NEW ACCREDITATION

The Joint Commission is launching its Telehealth Accreditation Program eligible hospitals, ambulatory and behavioral health care organizations, effective July 1. The accreditation program provides updated, streamlined standards to provide organizations offering telehealth services with the structures and processes necessary to help deliver safe, high-quality care using a telehealth platform. The Telehealth Accreditation Program's requirements contain many of the standards similar to other Joint Commission accreditation programs, such as requirements for information management, leadership and medication management. Requirements specific to the new accreditation program include streamlined emergency management requirements; new standards for telehealth provider education and patient education; and a new chapter focused on telehealth equipment, devices and connectivity.

July/August 2024
HFMmagazine.com



ASHE LIAISON-FALL

**Larry Peterson, CHE, CHFM, CHSP;
ASHE Region 4 Liaison**



At this summer's Health Care Facilities Innovation Conference, held in Anaheim, California ASHE introduced a new initiative called the Core Competency Framework. The Core Competency Framework is a resource for facility managers to improve their skills, knowledge, and abilities to lead a multi-disciplinary team, prioritize, and resolve an ever-changing list of issues.

ASHE's Health Care Facilities Core Competency Framework offers education, resources, and tools to help facility professionals fill knowledge gaps that will strengthen their expertise in each of the eight core competences. Most importantly, the framework helps facility managers gain the understanding needed to ensure patients and healthcare providers have a safe, comfortable, and cost-efficient environment. The available topics are listed below, and the Core Competency Framework is available to you by going to the ASHE Home page at www.ashe.org

**COMPLIANCE - MAINTENANCE - PROJECT MANAGEMENT - SUSTAINABILITY - ASSESSING RISK
FINANCE - ADMINISTRATION - ENERGY MANAGEMENT**

If you are not yet an ASHE member, I encourage you to join. The value received far exceeds the membership cost.

Thanks for all you do to care for your patients, staff, and community.

ASHE Health Care Facilities Core Competency

Health care facilities have become increasingly complex, meaning health care facilities managers must have a combination of skills, knowledge, and ability to effectively lead a multi-disciplinary team that can identify, prioritize, and resolve an ever-adapting list of issues.

ASHE's Health Care Facilities Core Competency Framework charts out key skills of health care facilities management, and offers education, resources, and tools to help professionals fill knowledge gaps in each area. Becoming an expert in each of the eight core competencies — and having a comprehensive understanding of their impact on care delivery — will ensure you are current in your professional expertise and primed for advancement in the field. Most importantly, the framework helps facilities managers gain the understanding needed to ensure patients and health care providers have a safe, comfortable and cost-efficient environment.

To learn more, click <https://www.ashe.org/core-competency-framework> on each competency webpage and continue enhancing your health care facilities management skills.



CODES AND STANDARDS

Phil Cardone, CHFM, CHC

Chair, Codes and Standards Committee

DETERMINING BATTERY-OPERATED LIGHTING LOCATIONS IN ANESTHETIZING ENVIRONMENTS

In healthcare facilities, ensuring the safety and well-being of patients during procedures is paramount. The National Fire Protection Association (NFPA) provides essential guidelines to maintain safety standards in various healthcare environments, including anesthetizing areas. Among these guidelines, NFPA 99 outlines specific requirements for battery-operated lighting, emphasizing its critical role in ensuring patient safety during general anesthesia or deep sedation.

According to the 2012 edition of NFPA 99 section 6.3.2.2.11.1, all areas providing general anesthesia or deep sedation must be equipped with emergency lighting that activates automatically in the event of a power failure. These lights must provide immediate illumination during emergencies, allowing staff to continue critical procedures without interruption. This also allows anesthesiologists and surgical teams the ability to maintain visibility and monitor patient conditions while administering anesthesia safely.

Identifying where general anesthesia, or deep sedation, is performed requires several key elements. These include assessing the facility possible anesthesia locations, consulting with healthcare professionals, checking for specific equipment

- Conduct a facility assessment, which typically indicates operating rooms (ORs) and dedicated anesthesia areas. Other also can include CT's, Emergency Department trauma rooms, procedural areas, and MRI's.
- Speak with anesthesiologists or nurse anesthetists who can provide insights into where general anesthesia is being performed. Consider consulting Pharmacy, they are the department that delivers the medications.
- Look for areas with anesthesia machines, which are essential for delivering general anesthesia.
- Many facilities use EMRs that document where procedures, including those requiring general anesthesia, take place.

By understanding these factors, you can effectively determine the locations for administering general anesthesia and where battery-operated lights are required.



EDUCATION UPDATE

John Crouch, FHEA Education Chair

Question: Name two difficult things to accomplish in the life of a Facilities Engineering leader?

If you suggested making time to get accreditations such as CHFM, CHC, CHOP-B, CHOP-A, CHOP-E, IFMA, FMC, FMP, PMP, CFM, FSP, SMC, BEC, PMFP, PAC, LEED, LEED AP, MECH, CEM, BEP, EEP, CIEP, and several others, you are right. The other difficult thing to accomplish is finding time to acquire your annual CEU's to keep your certifications. In 2014, I failed to get my CEU's to keep my CHFM and lost the value of my association to my CHFM. I finally got busy a year ago and accomplished the following in 12 months.

- Certified Healthcare Operations Professional – Basic (CHOP-B)
- Certified Healthcare Operations Professional – Advanced (CHOP-A)
- Certified Healthcare Operations Professional – Executive (CHOP-E)
- Certified Healthcare Facility Management (CHFM)

You can bet that I won't let that happen again. But here is the easy part, ASHE members (if you are not a member, why not?), you can read the HFM (Health Facilities Management) digital issue of the monthly magazine, then take the online quiz. It is open book quiz so you can go back and search. You can also go to previous issues to take the exam for additional credits. I was able to knock one out in about 20 minutes.

Here is the link for ASHE members. [HFM Magazine – Continuing Education Credits – American Society for Healthcare Engineering \(digitellinc.com\)](https://www.ashe.org/resources/hfm-magazine-continuing-education-credits-american-society-for-healthcare-engineering-digitellinc.com)

FHEA CONTINUING EDUCATION AND OUR MISSION

Our Mission, as the Florida Healthcare Engineering Association, is to promote and develop the professional role of the healthcare engineer through effective communication, educational opportunities, and the establishment of professional standards.

In fulfilling this very important mission, we want to be sure you have the following information about the Continuing Education units the FHEA will be offering at the upcoming 2024 FHEA Fall Expo & Educational Conference:

November 10 - 12

Hilton Bayfront in St. Petersburg

Complete details are available at <https://www.fhea.org/2024-fhea-fall-meeting>

Approved CE:

- 8 CE units from ASHE
- 8 CE units for Florida Professional Engineers
- 8 CE for units Florida Architects and Interior Designers

We look forward to your participation and involvement with us!
Stay updated at www.fhea.org



SUSTAINABILITY UPDATE

Edgard Niebles, MBA, CHC; FHEA Sustainability Chair

SUSTAINABILITY IN HEALTHCARE: A VITAL IMPERATIVE FOR FACILITY MANAGERS

Sustainability has become a critical responsibility for healthcare facility managers, as it not only reduces environmental impact, but also enhances patient outcomes, improves operational efficiency, and leads to long-term cost savings.

The Case for Sustainable Healthcare Facilities

Healthcare facilities are large consumers of energy and resources, often operating 24/7 with energy-intensive equipment. Hospitals use about twice as much energy per square foot compared to commercial office buildings, significantly contributing to carbon emissions (U.S. Department of Energy, 2016). With climate change closely linked to public health risks, the healthcare sector has a responsibility to reduce its environmental impact.

Sustainability practices, such as improved indoor air quality and natural lighting, have been shown to positively impact patient recovery and staff well-being. By adopting such practices, facility managers can create a healthier environment for patients while improving operational efficiency.

Key Strategies for Sustainability

- 1. Energy Efficiency:** Hospitals can optimize energy consumption through building management systems and take advantage of tax credits available through the Inflation Reduction Act of 2022, which offers up to 30% for energy-efficient upgrades (U.S. Congress, 2022).
- 2. Water Conservation:** Water-saving initiatives, such as low-flow fixtures and greywater recycling, can help healthcare facilities reduce water consumption (EPA, 2020).
- 3. Sustainable Design and Construction:** Integrating sustainable building materials and designs can lower operational costs over time. Facilities working with federal agencies must now meet new energy standards per the Federal Sustainability Plan, targeting net-zero emissions by 2045 (White House, 2023).
- 4. Waste Management:** Healthcare facilities generate substantial waste, much of it hazardous. Implementing recycling programs and reducing single-use plastics can lower landfill contributions. Additionally, the Medical Waste Tracking Act was strengthened in 2023 to reduce hazardous waste and promote recycling (EPA, 2023).
- 5. Renewable Energy:** Renewable energy sources such as solar or wind can ensure energy security and reduce costs. The Investment Tax Credit now offers hospitals significant financial incentives for adopting on-site renewable energy systems (U.S. Congress, 2022).
- 6. Indoor Air Quality:** Improved ventilation and the use of sustainable, non-toxic building materials can enhance patient recovery and staff health. In 2023, stricter air quality standards were introduced to minimize airborne transmission of infectious diseases (DOE, 2023).

The Role of Facility Managers

Facility managers must ensure that healthcare buildings meet sustainability standards set by both internal policies and regulatory bodies. Certifications such as Leadership in Energy and Environmental Design (LEED) can help managers stay updated on sustainability best.

Conclusion

Sustainability is now a vital part of strategic planning in healthcare, and facility managers are key players in driving this transformation. By prioritizing sustainability, they contribute not only to the health of the planet but also to the well-being of patients, staff, and the community. Investing in sustainability today will ensure a more efficient and healthier healthcare environment in the future.

References

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FHEA DISTRICTS

FHEA DISTRICT LEADERSHIP FOR 2024 - 2025

BECOME MORE INVOLVED IN THE FHEA BY TAKING PART IN DISTRICT ACTIVITIES. TO LEARN MORE, VISIT THE DISTRICT PAGES ON WWW.FHEA.ORG.

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Vice President & Rep: Phil Cardone, CHC, CHFM
Secretary: Jackie Kennington, CHEP
Treasurer: Kevin Daniel, CHFM, CHE

District II



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Secretary: Bryan Davis
Treasurer: Lawrence Holman, CHFM

District III



President: Tony Echazabal, CHFM, CHSP
Vice President & Rep: Anthony Muglia
Treasurer: Kirk Dickson, CHFM, CHC

District IV



President: Luis Rodriguez, CHE
Vice President & Rep: Cecily Allen, CHE
Secretary: Milton "Mac" Cumpton
Treasurer: John O'Connell, CHFM, CHSP, CHC, CHE

DISTRICT HIGHLIGHTS



District II Update

President Jeff Howard, CHE

The Healthcare Facilities Management (HFM) community expects a wave of retirements, and some say that it's already begun. Estimates claim about 40% of HFM professionals will retire within the next decade, leaving the industry's talent pool shallow. As healthcare facilities leaders, we have an opportunity, and an obligation, to prioritize succession planning and to develop tomorrow's leaders while we take care of our buildings.

Our technicians have become experts at operating, troubleshooting, and maintaining complex systems through years of focused education and field experience. Facility leaders typically recognize the importance of ongoing technical training and do well to provide it for their teams. Often minimized or even overlooked, however, is the developmental training to help our technicians prepare for leadership roles.

Transitioning from a technical role to a management position can be challenging. The shift requires a significant change in mindset, and leaders who recognize these challenges can guide their efforts to develop new talent.

1. **From Task-Oriented to People-Oriented:** Technicians are often focused on specific tasks and technical problem-solving. In contrast, managers need to prioritize people management, including team dynamics, motivation, and conflict resolution.
2. **Broadening Perspective:** Technicians typically concentrate on their specialized areas of expertise. Managers, however, must adopt a broader perspective, considering the overall goals and strategies of the organization and how different departments interconnect.
3. **Developing Soft Skills:** Effective management requires strong communication, empathy, and negotiation skills. Technicians transitioning to management roles must develop these soft skills to lead their teams effectively.
4. **Delegation and Trust:** Technicians are used to hands-on work and may find it difficult to delegate tasks. Successful managers must learn to trust their team members and delegate responsibilities, focusing instead on oversight and strategic planning.
5. **Continuous Learning:** The transition to management is an ongoing process. Continuous learning and development in leadership and management principles are essential for new managers to adapt and thrive in their roles.

Train your teams so they are good enough to work anywhere. Treat them well enough that they'll want to stay. The FHEA provides top-notch educational opportunities to help you address these challenges. Attend our District II meetings and the upcoming 2024 FHEA Fall Expo & Educational Conference, November 10 – 12, at the Hilton Bayfront in St. Petersburg to learn more.

DISTRICT HIGHLIGHTS



District IV Update

President Luis Rodriguez, CHE

To finalize 2024, District IV had a district meeting at Adventura Hospital on Oct. 18th, and we will have a short meeting at the upcoming 2024 FHEA Fall Expo & Educational Conference in St. Peterburg on Sunday, November 10th from 3:00 – 4:00pm. We are also looking forward to seeing everyone at our Holiday party on November 30th at the Loew's Hotel in Coral Gables. There are still sponsorship opportunities if you are interested.

District IV is working to have the locations and educational sessions confirmed and posted soon on the FHEA website for 2025. Two meetings will be in Palm Beach County; two meetings in Broward County; and two meetings in Dade County. We will continue providing ASHE CEU educational sessions at each of our district meetings.

In April 2025, our district meeting will be at Memorial Hospital West, and it will include a local mini trade show with sponsorship opportunities.

Thank you, District IV active and supporting members - we are going to have a great end of the year and great next year.

COHORT WARNS AGAINST OPERATIONAL TECHNOLOGY CYBER RISKS

A cohort, including the Cybersecurity and Infrastructure Security Agency, Federal Bureau of Investigation and the National Security Agency, provided information to help organizations protect operational technology (OT) from cyberattacks. The group encourages organizations to take immediate action, including changing all default passwords of OT devices and using strong, unique passwords, limiting exposure of OT systems to the internet; and implementing multifactor authentication for all access to the OT network. The group warns of pro-Russian hackers targeting and comprising small-scale OT systems in North America and Europe.

July/August 2024
HFMMagazine.com

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ENCOURAGE YOUR COLLEAGUES TO JOIN THE FHEA!

As an autonomous chapter of the American Society for Healthcare Engineering, which is an affiliate of the American Hospital Association, membership in the FHEA provides many membership benefits. We promote recognition of healthcare engineers throughout Florida; assist our members in growth and development; and promote relationships with other healthcare industry related professionals – all while maintaining a high standard of integrity in our field.

The FHEA is a resource for and network of effective communications to facilitate the exchange of information, ideas, and experiences. Our state bi-annual educational conferences provide continuing education credits for ASHE, Florida Architects, Professional Engineers, and Interior Designers and feature expert speakers who share cutting-edge information. The four regional districts meet several times a year and also provide educational opportunities. If you know of a colleague who would be interested in FHEA membership, encourage them to visit <https://www.fhea.org/membership> for details.

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