

Wisconsin Healthcare Engineering Association

Newsletter

June 2018

Volume 28

2nd Quarter

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Duke Cook
WHEA President

President's Message

Warm summer wishes to all of our WHEA members.

Serving as President of this wonderful organization has given me opportunities to reach out and meet both new and old members, and to visit and share ideas on the current opportunities and challenges that we should be addressing in future years to continue to grow and educate our most valuable resource. We need to be working to improve our skilled labor and dealing with succession planning so all can provide safe and reliable patient care to the organizations we serve. We also need to keep up with all the new technology and codes changes so we can efficiently and safely manage our complex facilities.

Your board members Duke, Kevin and Isaac will be attending the ASHE national conference in July at Seattle, Washington to represent WHEA. This should be great opportunity to meet and share ideas with folks from across the country.

The 2018 WHEA Annual Conference is pretty much set and we can look forward to some exciting educational sessions in the beautiful city of La Crosse! We will also have some time to relax and share, make new friends and build upon old friendships after hours. My thanks to all the board members for their part in putting the conference together. I am excited to see all in the fall!

In closing I will share a few changes in my world and ask you to keep others in your prayers. I am retiring on 8/3/18 but will continue to proudly serve as your president and past president throughout 2019.

Please keep our past president, Harley Harold in your prayers as he has incurred some serious setbacks in his health. Also keep Past President Tamarah Scholze in your prayers relative to the loss of her husband, long time WHEA member Dan Scholze.

Best regards to all,

Duke Cook

Duke Cook, WHEA President, 2018

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2018 WHEA CALENDAR

Friday, July 6

~Foundation Meeting

Thursday, July 12

~Lunch & Learn Series Webinar – 11:30 am

Sunday, July 15 – Wednesday, July 18

~ASHE Annual Conference

Wednesday, July 18

~Chapter III Golf Outing

Friday, July 27

~Conference Committee Meeting – 9 am – Radisson La Crosse

Friday, August 3

~Chapter II Golf Outing – 8 am – Lake Windsor Country Club

Thursday, August 9

~Lunch & Learn Series Webinar – 11:30 am

Friday, August 10

~Board Meeting – 9 am – Glacier Canyon, Wisconsin Dells

~Member Services Meeting – 1 pm – Glacier Canyon, Wisconsin Dells

Tuesday, August 14

~Code Committee Meeting – 9 am – Glacier Canyon, Wisconsin Dells

Wednesday, August 15

~Chapter IV Meeting – Bullseye Country Club, Wisconsin Rapids

Thursday, August 16

~Chapter V Meeting – CVTC's Energy Education Center

Friday, August 17

~Education & Professional Development Committee Meeting
9 am – Conference Call

Tuesday, September 4

~Chapter VI Meeting

Friday, September 7

~Chapter I Golf Outing

Thursday, September 13

~Lunch & Learn Series Webinar – 11:30 am

Friday, September 14

~Foundation Meeting

Tuesday, September 18 – Friday, September 21

~2018 WHEA Annual Conference

Thursday, September 20

~Chapter II Meeting

~Chapter III Meeting

~Chapter IV Meeting

~WHEA Annual Meeting

In Memoriam



DAN SCHOLZE

WHEA Chapter VI member, Daniel Arthur Scholze, 66, of Winter, WI, formerly of Sparta, WI, passed away suddenly, Wednesday, May 16, 2018, at his home in

Winter. He was born August 27, 1951, to Arthur J. and C. Ardythe (Lyons) Scholze in Sparta, Wisconsin.

Dan started his career as a plumber working alongside his dad at Scholze Plumbing and Heating. He later worked at B & B Plumbing in Sparta before taking a position as Facility Supervisor at Mayo Clinic Health System Franciscan Healthcare campus in Sparta, retiring in 2014 after 20 years of employment. He joined WHEA in 1995 and maintained continuous membership until his retirement. Dan proudly served 32 years on the Erv's Rural Fire Department, where he retired as Assistant Fire Chief. He was an expert working in rescue diving and Jaws of Life. Dan trained many other firefighters in these skills.

Dan was united in marriage to Tamarah Kay (Hughes) Cox May 11, 2013. Together they enjoyed retirement and made their home in Winter, Wisconsin. Dan loved the outdoors, fishing and hunting. He also enjoyed making maple syrup, grape juice and berry jelly for his family, especially his grandchildren.

He is survived by his wife, Tamarah; his children, Nicole (Mason) Reed and son Daniel (Taylor), Bethany (Ryan) Poppinga and their children, Blake, Dayne, Elise, Kendall, and Paul (BreiAnne) Scholze and their children, Paisley, EmmaLynn and Griffin; brothers, David (Connie) Scholze and Daryl (Rochele) Scholze; sisters, Pat (Greg) Dunford and Sandi Scholze; mother of Daniel's children, Bonnie Wieman; along with many nieces, nephews, other relatives and friends.

Funeral services were held Saturday, May 19, 2018, 2:00 p.m. at the Calvary Baptist Church in Sparta. Burial followed in the Angelo Cemetery. Memorials may be made in Dan's name to Erv's Sparta Area Fire District.

2018 WHEA Annual Directory / Addenda and Errata

The directory went to print on March 30th, and was in most of our mailboxes by the publishing deadline of April 27th. After members began receiving their directories it was brought to our attention that there were some errors that slipped by the Member Services committee during our draft review process. We take considerable time and effort to ensure that every edition is current and correct in every way possible, but unfortunately, try as we may, a gremlin or two sometimes seem to creep in. The following issues were identified and are being brought to your attention here so that you will have the most correct information possible.

The 2018 Annual Directory .pdf file is posted to the website, with all of the errata corrected. Since 2010 every annual directory has been archived in the Members Only site under ANNUAL DIRECTORY ARCHIVE. Those of you who wish to make your copy of the directory completely accurate can download, cut and paste the corrected information to your hard copy. Once again, our sincere apology for the errors. If you note any other discrepancies please bring them to my attention at your earliest convenience.

~~~~~  
**Page 47, 115 - Bing Zillmers updated email:**  
 bing.zillmer@gmail.com

**Page 47, 82 - Carl Budde updated phone #:**  
 262.875.3424

**Page 95, 121 - Addition:**  
 Mike R. Emmert  
 Meriter Hospital  
 Construction Manager  
 202 South Park Street  
 Madison, WI 53715  
 608.417.6534  
 michael.emmert@unitypoint.org  
 Full  
 2016

**Page 101, 129 - Corrected phone and email:**  
 Brian Seymour  
 Elite Medical Gas Specialists, LLC  
 Medical Gas Sales Specialist  
 13644 Tonka Lane  
 Suring, WI 54174  
 920.450.3327  
 brian@elitemedicalgas.com  
 Associate

## Annual Conference Update



Mike Blackwood  
Committee Chair

The WHEA Annual Conference will be held in La Crosse at the La Crosse Center on September 18 through September 21. The conference agenda is finalized and once again the education opportunities for our attendees will be top notch. The conference agenda and the conference flyer can be found on the following pages. You will see that it is an event you don't want

to miss. The technical exhibition is filled to capacity and has a variety of exhibitors that will show you what's new in the healthcare industry. Keeping up to date on what is available has never been more important. Our special event coordinators have completed plans for our annual banquet that will make the 2018 annual conference one to remember. Go to [www.whea.com](http://www.whea.com) to the Annual Conference tab and REGISTER TODAY!

### ANNUAL CONFERENCE DATES

**September 18 - 21, 2018**

**September 17 - 20, 2019**

**September 29 - October 2, 2019**

*Mark Your Calendars!*

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**CONTACT** Dan Kiltbert, PE  
Healthcare Market Team Leader

☎ 414 / 265-9448  
✉ [dan.kiltbert@graefusa.com](mailto:dan.kiltbert@graefusa.com)  
🌐 [www.graefusa.com](http://www.graefusa.com)

Milwaukee: Thomas, Gabe, Dan, Matt, Steven & Christopher, Matt, David, Frank, PL



# 2018 CONFERENCE AGENDA

## Tuesday, September 18

- 10:00 AM - 11:00 AM Conference Committee Meeting (*La Crosse Center Boardroom A*)
- 11:30 AM Registration Opens (*La Crosse Center South Hall Upper Lobby*)
- 12:00 PM - 12:30 PM Conference Welcome: Darrell Courtney, WHEA Vice President (*La Crosse Center Ballroom A&B*)
- 12:30 PM - 2:15 PM "The John Foley Group" (*La Crosse Center Ballroom A&B*)
- 2:15 PM - 2:30 PM Break
- 2:30 PM - 3:30 PM "The John Foley Group" (*continued*) (*La Crosse Center Ballroom A&B*)
- 3:30 PM - 3:45 PM Break
- 3:45 PM - 4:30 PM "The Impact of the Recent Flu Epidemic", Marge McFarlane, Superior Performance, LLC (*La Crosse Center Ballroom A&B*)
- 5:00 PM - 7:00 PM Conference Open House "Name Badges Required" (*Radisson Ballroom/Foyer*)

## Wednesday, September 19

- 7:00 AM Registration Opens (*La Crosse Center South Hall Upper Lobby*)
- 7:00 AM - 8:00 AM WHEA New Board Orientation Meeting (*La Crosse Center Boardroom C*)
- 8:00 AM - 9:00 AM "Continuity of Operations: Planning for Safe Patient Care and Services in a Crisis", Marge McFarlane, WHEA Code Committee (*La Crosse Center Ballroom A&B*)
- 9:30 AM - 1:30 PM Technical Exhibition (*La Crosse Center South Hall*)
- 9:30 AM - Coffee & Rolls
- 12:00 PM - 1:00 PM - Lunch
- 2:00 PM - 3:30 PM **Track 1:** "Healthcare Code Updates", WHEA Code Committee (*La Crosse Center Ballroom A&B*)
- Track 2:** "Long Term Care Code Updates", WHEA Code Committee (*La Crosse Center Ballroom C*)
- 3:30 PM - 3:45 PM Break
- 3:45 PM - 5:00 PM **Track 1:** "Healthcare Code Updates", WHEA Code Committee (*continued*) (*La Crosse Center Ballroom A&B*)
- Track 2:** "Long Term Care Code Updates", WHEA Code Committee (*continued*) (*La Crosse Center Ballroom C*)

## Thursday, September 20

- 7:25 AM - 8:25 AM Chapter II Meeting (*Radisson Iowa Rm*)
- Chapter III Meeting (*Radisson Illinois Rm*)
- Chapter IV Meeting (*Radisson Minnesota Rm*)
- 8:00 AM Registration Opens (*La Crosse Center South Hall Upper Lobby*)
- 8:30 AM - 9:45 AM **Track 1:** (Introductory) "Key Concepts: LSC Overview & Occupancies", Heather Werner, Lauzon Life Safety Consulting, LLC (*La Crosse Center Ballroom C*)
- Track 2:** (Intermediate) "Compartmentalization & Smoke Barriers", Bill Lauzon, Lauzon Life Safety Consulting, LLC (*La Crosse Center Ballroom A&B*)
- 9:45 AM - 10:00 AM Break
- 10:00 AM - 12:15 PM **Track 1:** (Introductory) "Key Concepts: Construction Types & Means of Egress", Heather Werner, Lauzon Life Safety Consulting (*La Crosse Center Ballroom C*)
- Track 2:** (Intermediate) "Rated Walls and Doors", Bill Lauzon, Lauzon Life Safety Consulting (*La Crosse Center Ballroom A&B*)
- 12:30 PM - 2:30 PM Lunch & Annual Meeting (*La Crosse Center South Hall B1*)
- 2:45 PM - 4:30 PM **Track 1:** (Introductory) "Key Concepts: Egress Doors", Heather Werner, Lauzon Life Safety Consulting (*La Crosse Center Ballroom C*)
- Track 2:** (Intermediate) "Hazardous Rooms", Bill Lauzon, Lauzon Life Safety Consulting (*La Crosse Center Ballroom A&B*)
- 5:00 PM - 10:30 PM Social Hour / Annual Awards Presentation & Banquet (*Shenanigans Entertainment Center, 2100 Dawson Ave, La Crosse*)
- Shuttle buses to begin loading at 4:30 pm (*Harborview Plaza street doors by Radisson registration desk*)

## Friday, September 21

- 8:00 AM Registration Opens (*La Crosse Center South Hall Upper Lobby*)
- 8:30 AM - 10:30 AM "Joint Commission Update", Herman A. McKenzie, MBA, CHSP, The Joint Commission (*La Crosse Center Ballroom A&B*)
- 10:30 AM - 10:45 AM Break
- 10:45 AM - 12:00 PM "Joint Commission Update", (continued) (*La Crosse Center Ballroom A&B*)



# *Join us for the* **2018 WHEA ANNUAL CONFERENCE**

## *Annual Conference Welcome*



A 2018 Conference hello to all of you; our full, associate, and retired members, and our WHEA mechanics. As you start plans to attend WHEA's 53rd Annual Conference in La Crosse, know we are excited to see you there. It is right here in our great state of Wisconsin, on the banks of the mighty Mississippi in La Crosse, which is a historic and beautiful city to visit and we are lucky to be able to partake with our outstanding organization. What a place to get back to our roots!

Once again, the WHEA Annual Conference will offer opportunities for education and camaraderie. The information that is offered is second to none in the country. You can look forward to code topics and our wonderful technical exhibit. Once again WHEA will be offering a dual tract for hospital and our nursing home members to attend. Our presenters highly regarded in their fields of expertise and leaders in their perspective industries. You will attend the La Crosse conference with the assurance you'll take back information for your facilities and for the future.

You may be thinking about meeting friends and providing yourself an occasion to meet new. There is always a chance to reach out and find a new contact that may become our next member, your next mentor, or possibly our next leader. There may also be a chance to get away and enjoy some of the sites as well. The hospitality and enjoyment is only limited by your involvement.

The Conference, Codes & Standards, and Resource Committee's members and volunteers have invested a considerable amount of time into planning for our annual conference. They have worked to make it a welcoming, entertaining, educational based experience. Once again, they will have the personal touches and experiences that our prior attendees have come to know and love over the years. They realize that's what it takes to make our conference and WHEA special for all attendees.

What an honor and privilege it is to serve as your Vice President for WHEA in 2018. This has been a great opportunity to meet and work with so many of you over the past several years. There has been a large amount of mentors that I have to thank. One of the tasks that I will be privileged to perform is the master of ceremonies at our annual conference. If you were at the 2017 conference, you may have heard our President, Duke Cook, sing "America the Beautiful." WOW! How do you follow a show like that? Guess you will need to attend to find out.

Darrell Courtney  
WHEA Vice President, 2018





# SEPTEMBER 18-21, 2018

## PURPOSE

The annual conference provides a variety of educational programs including code updates and additional current topics for all healthcare facility managers and engineers. In addition to the opportunity to enjoy time at the technical exhibits, you will be provided ample time to relax, network with your peers, and enjoy the La Crosse area.

## EDUCATION AGENDA

This conference revolves around three days of intense healthcare engineering educational programs. (Specific program information and a timed agenda will be available at [www.whea.com](http://www.whea.com) under the Annual Conference tab. The conference registration is open at [www.whea.com](http://www.whea.com).

**Tuesday** – beginning at noon we will have another dynamic and compelling keynote presentation by the John Foley Group and will finish with a presentation from Marge McFarlane on this past year's flu season.

**Wednesday** – sessions will include an update and review of state codes by the Codes and Standards Committee with a split track option for hospitals, clinics, and nursing homes.

**Thursday** – is a full day presentation from Bill Lauzon and Heather Werner of the Lauzon Life Safety that will focus on code key concepts.

**Friday** – closes the conference out with an important compliance update presented by Herman McKenzie from The Joint Commission.

All speakers have exceptional credentials and you will leave the conference with the most current information available to give you the tools to excel.

## SPECIAL EVENTS

The 2018 Annual Conference special events have been planned to give you the opportunity to network professionally and socially with peers.

**Annual Technical Exhibition** – this exhibition will provide you with an update on all of the latest technology in the health care engineering field with a chance to meet the excellent firms that can supply and provide service of that technology to you.

**Conference Open House/Social Evening** – this social event is an evening of relaxed conversation with the emphasis on renewing friendships and making new ones. Members and guests, retired members and guests, and registered exhibitors are invited.

**The Annual Banquet and Awards Program** – The annual banquet and awards program is a time to network, relax and recognize the hard work and dedication given by our members. This year's event will be held off-site (round trip transportation provided) for some "fun and games" with your WHEA friends and colleagues. Join us for a buffet dinner, awards ceremony and some good old fashioned fun times. Prizes will be awarded based on participation and enthusiasm. Attire is casual.

## REGISTRATION AND FEES

Go to [www.whea.com](http://www.whea.com) and follow the "Annual Conference" tab to registration.

Only online registrations will be accepted.

### \$240 – Early Bird Full Conference

(register and pay by July 27)

(covers the cost of educational programs, program materials, handouts, breaks, noon luncheons, annual banquet\*, and special events.)

### \$280 – Full Conference (register and pay after July 27)

(covers the cost of educational programs, program materials, handouts, breaks, noon luncheons, annual banquet\*, and special events.)

### \$100 – One Day Conference

(covers the cost of educational programs, program materials, handouts, and breaks. Does not include special events passes or banquet tickets\*.)

### \$ 50 – Spouse Program

(includes programs planned for spouses, entry into the Tuesday Open House and Wednesday's Technical Exhibition and a banquet ticket\*.)

\*Additional banquet tickets can be purchased at the conference for one day registrants and/or additional guests. All fees must be received by the beginning of the conference. If your registration fee is not received before the beginning of the conference, you will be asked to pay with a credit card when you register.

## CANCELLATION POLICY

A non-refundable charge of \$50 will be retained for any cancellation received after September 4. All cancellations must be emailed to [info@whea.com](mailto:info@whea.com). No refunds will be made after the conference has started.

## EARLY BIRD PRIZE DRAWING

If you register and pay before July 6, you will be eligible for a special drawing. If your name is drawn, you will receive free lodging for the entire conference at the Radisson Hotel La Crosse. The winner will be notified by email.

## LODGING

Blocks of rooms have been reserved at the Radisson Hotel La Crosse and a number of other hotels in close proximity to the La Crosse Center. All hotels will have discounted rates for conference attendees. To make room reservations, you will find detailed hotel registration information on [www.whea.com](http://www.whea.com) under the Annual Conference tab, identify yourself as part of the WHEA Annual Conference to receive this special discounted rate. Be sure to call and reserve your room early!



## *Code Critical*

### *Codes & Standards Committee*



*Jeff Eckstein*  
Co-Chair



*David Soens*  
Co-Chair

### **2015 IBC Adoption**

The long anticipated adoption of the 2015 International Building Code (IBC) and associated standards became a reality statewide in Wisconsin effective May 1, 2018. Healthcare facilities have already successfully made the transition to the 2012 Life Safety Code (LSC) starting November 1, 2016. This article will explore one issue common to the two codes and share some insights to improve long-term success.

Cooking remains the #1 source of fires in healthcare facilities. Sprinkler protection and other new forms of technology have improved overall building fire safety in healthcare; yet cooking remains a challenge for all current day facility operators and managers.

Next take patient or resident centered interests which promote locating cooking stations outside the traditional back of house or basement location. Cooking stations are envisioned as ideally located out within patient or resident spaces and open to the corridor. Having this open format improves access yet engages the egress corridor which is the primary route to safety in the event of a fire.

Hence the question remains; how does a facility provide minimum fire safety without overly compromising the nutritional and therapeutic value of a full cooking station ?

The International Code Council (ICC) and National Fire Protection Association (NFPA) arrived at a fairly consistent set of requirements for cooking open to the corridor in summary:

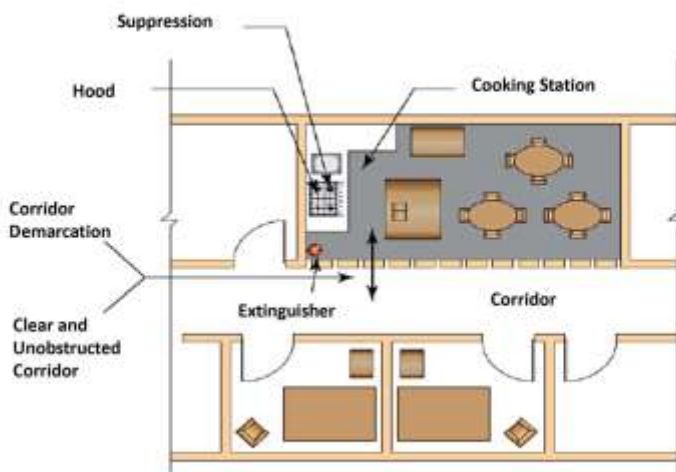
1. Limit one cooking station to 30 individuals per smoke compartment
3. The cooking station is provided with a hood that covers the width of the cooking surfaces
4. The hood has a minimum airflow of 500 cfm
5. The hood is provided with a listed fire suppression system
6. Manual release of the hood extinguishment system is located per NFPA 96
7. An interlock turns off all fuel sources upon activation of the hood extinguishment system
8. Portable fire extinguisher(s) are provided per NFPA 96
9. The cooking station can be manually deactivated via a restricted access switch
10. The switch is also on a timer that deactivates the entire station after 120 minutes
11. Deep-fat and solid fuel cooking are prohibited.
12. Inspection, testing, and maintenance of the cooking station are held to NFPA 96.

(Complete code text and details are available at 2015 IBC s. 407.2.6 and 2012 LSC s. 18.3.2.5.3 )

Few precautionary notes:

**New Submittal:** Engage a team of design professionals when evaluating this option from an architectural, dietician, mechanical, electrical, and fire protection standpoint. Short-sighted planning will not serve you well when your cooking station is sitting idle.

**Make-up Air:** Corridors serve a vital function to permit occupants the ability to seek safety in the event of a fire; hence corridors can-not be used for ventilation purposes commonly called a "supply or return air plenum" per IBC 1020. Ensure proper make-up air per the International Mechanical Code (IMC) s. 508 is provided to balance the cooking station work area.





## *Codes & Standards Committee (continued)*

**Hood Type:** Hoods that remove grease or smoke and equipped with a fire extinguishment system are a Type I hood by definition per IMC 202.

**Fire Alarm System:** Cooking extinguishment systems in healthcare facilities are required to be interconnected to the facility's fire alarm system per IBC 904 and NFPA 96.

**Detection:** False-alarms from improper cooking operations can be a source of stress for a local fire department. Ensure smart detection and distribution is in place to assist minimum safety and avoid undue false-alarms.

The good news is that with the proper amount of planning, design, and inspection even the most challenging source of fire in healthcare can have successful outcomes. Future articles will be exploring additional areas of emphasis between ICC and NFPA. Bon Appétite.

### ~~~~~ **WISCONSIN COMMERCIAL ELECTRICAL CODE ADOPTION**

The Department of Safety and Professional Services (DPS) is updating the Wisconsin Commercial Electrical Code SPS 316. The 2017 NEC and related amendments have been adopted and are awaiting publication.

The effective date for the updated rule will be August 1, 2018. New healthcare commercial essential electrical system related plans submitted on or after August 1st will need to comply with the updated rules. The rules may be accessed on the Legislative Reference Bureau's (LRB) website [here](#).

This is a two code cycle jump from the NEC 2011 so revisions from both 2014 and 2017 will apply. One point of interest is that NEC 517 sets selective coordination for health care facilities to 0.100 and is in better alignment with NFPA 99.

*Jeff Eckstein, David Soens*  
*Co-Chairs, WHEA Codes and Standards Committee*

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## Chapter VI Report



Dennis Havlik  
Chapter President

Chapter VI has held 1 meeting since the last newsletter. At the May meeting Leslie Ptak, a Compliance Specialist for OSHA gave an interesting presentation on the new “Silica in Construction Standards” Specified Exposure Control Methods When Working with Materials Containing Crystalline Silica.

Nathan Hall, Kylee Kowalski and Brian Seymour were voted in as new members.

Officers for 2018 – 2019 are as follows:

- President – Chris Patraw
- Vice President – Paul Van Duyne Jr.
- Secretary – Dean Bodensteiner
- Treasurer – Donella Sarauer
- Officer at Large – Wade Rudolph

Bill Fieck from Vernon Memorial Healthcare was the winner of the Free ASHE membership drawing.

The summer golf outing and dinner was held on June 18<sup>th</sup> at the Cedar Creek Country Club with 40 members in attendance. For the 1<sup>st</sup> time in 3 years we managed to stay dry on the outside for the entire 18 holes.

I’m sad to report the passing of long time Chapter VI member Dan Scholze, husband of Tamarah Scholze who passed away on May 16, 2018. Our prayers and thoughts are with Tamarah and the rest of Dan’s family.

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## Free ASHE Memberships

Every year the WHEA board of directors provides a FREE ASHE MEMBERSHIP to each chapter. These free memberships are announced by the Member Services Committee during the annual meeting at the annual conference. Each chapter needs to determine who their individual FREE ASHE MEMBERSHIP winner will be for the next calendar year.

It is very important for chapter leaders to understand the purpose of the ASHE membership scholarships and who is eligible to receive them. These memberships should not be provided to anyone who is or has been an ASHE member in the past! The concept behind providing these memberships is to promote ASHE membership from within the ranks of those who for whatever reason have not been able to secure membership. For further clarification on the rules governing free membership scholarships from ASHE, please contact Roger Elliott at 715.563.2069, rwelae@charter.net.

Because many chapters suspend meeting activities for the summer, it's easy to forget when you start up again in the fall that we need the name of the FREE ASHE MEMBERSHIP winner from each chapter prior to the Annual Conference. Several chapters hold elections for officers in the spring, and we suggest that this is also an excellent time to select the ASHE free membership nominee, as well. So, whatever method your chapter chooses to determine your recipient, please make sure that he/she is identified prior ASAP, but no later than the 2nd week of September!

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## Bylaws Committee News



*Dan Loest  
Bylaws Chair*

By direction of the WHEA Board the Bylaws Committee was asked to review the WHEA bylaws regarding annual dues assessment. In that review it was noted that we have not been correctly assessing annual member dues. The current bylaws require annual approval of assessments by the full members of the organization. The Bylaw Committee reviewed the bylaws and recommended changes. Those changes are posted to the website, [www.whea.com](http://www.whea.com). To review these changes, please use the following link: <https://www.whea.com/media/139508/2018-bylaws-proposed-changes.pdf>

The WHEA Board reviewed and supported sending the recommendation to the voting members for action at the September 2018 annual meeting. All members are encouraged to review the changes in preparation for the annual meeting.

The changes include clarifying member designation voting rights (Article VI – Members), and changes to the annual assessment (Article XII – Assessments).

Respectfully,

Dan Loest  
WHEA Bylaws Committee Chair

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## New CMS Emergency Preparedness Rules (Part 4)

By Marge McFarlane, PhD, MT(ASCP), CHSP, CHFM, CJCP, HEM, MEP  
Principal of Superior Performance, LLC, LaPointe, WI

This is the fourth in a four-part series on the new CMS emergency preparedness rules that look at the training and testing program needed to support the emergency operation plan and emergency preparedness activities.

CMS key essentials for maintaining access to healthcare in an emergency include safeguarding human resources, maintaining business continuity and protecting physical resources.

In Part 1, it was identified that there are eleven categories of providers or suppliers in Wisconsin that receive federal funding. These entities are tasked with increasing the collaboration and coordination of emergency preparedness planning and response with other local, regional, tribal and state and federal response partners.

In Part 2, it was identified that specific policies and procedures were developed based on the hazard vulnerability assessment (HVA) of the facility and the population served. These policies include shel-

tering- in- place, safe evacuation, security of confidential patient records and ensuring accurate medical information is available when requested.

In Part 3, it was identified that specific communication plans were needed. These plans determine how the facility will notify staff, providers, families and authorities, share information on occupancy levels, supply and resource needs as well as their ability to assist during the emergency.

Part 4 identifies the need for a training and testing program. Facilities must provide education and instruction (training) to staff, contractors, providers and volunteers to ensure all are aware of their responsibilities in the Emergency Operations Plan. Testing is the means to verify/validate the training and evaluate the emergency response/recovery plans for effectiveness.

Training is required for all new and existing staff, contracted/agency/per diem staff, providers and

*(continued on page 16)*



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## New CMS Emergency Preparedness Rules (Part 4) *continued*

volunteers on their respective roles in any emergency. Emergency preparedness training is conducted and documented upon hire and at least annually. Staff are expected to demonstrate knowledge of their roles in emergency procedures. Critical access hospitals (CAH) also have a special emphasis on fire prevention, reporting and fighting fires and evacuation. Training programs should be aligned with the facility's risk assessment and lessons learned from real-life events.

Hospitals/CAH/LTC are required to conduct one full-scale exercise per year. The second required exercise could be another full-scale, facility-based or table top exercise. CMS does not use the FEMA or Department of Homeland Security's definition of full-scale. CMS defines a full-scale exercise as any operations-based exercise (drill, functional or full-scale). Note that Joint Commission requires two functional exercises per year and does not recognize a table top as meeting that requirement.

CMS strongly suggests all covered entities network with their respective healthcare coalitions to better coordinate participation in local and regional exercises to enhance their response to and recovery from potential risks to their facility. Wisconsin Healthcare Emergency Readiness Coalitions (HERC) are helpful facilitators for local training, testing, and resources. Seven HERC regional contacts are available at: <https://www.dhs.wisconsin.gov/preparedness/healthcare/index.htm>

The WI Department of Health Services has developed Toolkits for Hospitals, Long-Term Care Facilities, Ambulatory Surgical Centers, Hospices, End State Renal Disease Facilities, and Clinics available at: <https://www.dhs.wisconsin.gov/preparedness/toolkits.htm>. These toolkits provide guidance to assist facilities in developing a testing and training program. These plans and all related policies must be updated at least annually.

The Emergency Planning Checklists include templates for designing exercises, an exercise evaluation guide and an after action report with improvement plan (AAR/IP) instructions and template.



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Dave Arnold  
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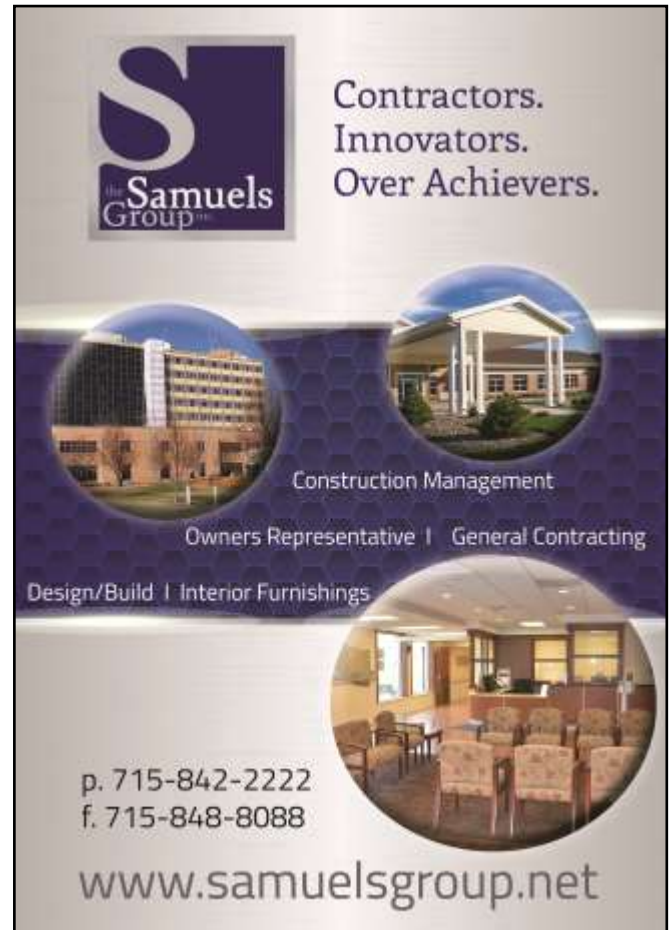
Jeff Vandenberg  
Mechanical Services Crew Leader

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## Education and Professional Development Committee (EPDC)

2018 is half over! With our Wausau Healthcare Construction Certificate (HCC) completed on the 21st of June, our scheduled basic HCC programs are complete for the 2018 year. The Code Committee has been working, very diligently, on our Advanced HCC. Their commitment to the proposed program has taken on real steam. The Advanced HCC is, tentatively, scheduled for November 07, 2018 in Wisconsin Dells. As this is the first available program, we will be keeping the enrollment at a manageable level. When the program rolls out, register as soon as you can, first come-first serve. This will be another great program put on by our very own Codes and Standards Committee members and made possible by our WHEA Gold and Silver sponsors. There will be more information as the program moves forward.



*Marc Teubert  
Co-Chair*



*Darrell Courtney  
Co-Chair*

Our EPDC is looking to update our Lunch and Learn program. We know that everyone's time is precious and limited. One of our updates will be to tighten up our presentations to a one hour program. As you may have seen, we have been running trials of the one hour program with positive reviews to the shorter time line. Continue to supply input for future programs after each of the monthly programs.

Thank you for your continued support to the education of our members in 2018.

You or your organization can still sign up for the 2018 Lunch and Learn webinar programs. As a subscriber, you will receive the login information for the next scheduled webinar and the links to all previous recordings that can be watched at any time you wish. Go to the Education tab [www.whea.com](http://www.whea.com), sign up, and start your learning today. You never have to miss a program again. The cost for the annual webinar series is \$300 for WHEA members and \$500 for non WHEA members. Register today!

| Date    | Webinar Tentative Topic                 |
|---------|-----------------------------------------|
| July 12 | Ventilation (temperature and humidity)  |
| Aug 9   | Succession Planning                     |
| Sept 13 | Backflow Preventer / Cross Connections  |
| Oct 11  | Barrier Control Systems – Dust Barriers |
| Nov 8   | Infection Control                       |
| Dec 13  | Documentation                           |

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## *2018 Robert H. Botts Healthcare Engineering Pioneer Award*

*Nominations Deadline is July 31, 2018*

The WHEA Robert H. Botts Healthcare Engineering Pioneer Award is presented annually by the state board in order to provide additional recognition to WHEA members who demonstrate significant levels of achievement in, or make significant contributions to the various disciplines within the field of health care facilities management. This award is presented to a candidate who has been nominated by one or more of his/her peers, evaluated by the elected state board members by comparing all nominations received against a criteria-based scoring grid, and subsequently determining a recipient by a simple majority vote.

WHEA members who wish to nominate someone for this award should submit nomination papers prior to July 31st, 2018 so the board can evaluate all the nominations at the August board meeting and be able to present the award at the 2018 Annual Banquet.

A more detailed description of the award concept, its purpose, the qualifications of candidates and an outline of the nomination and selection process is included in the following 2 pages of this newsletter. Please consider placing the name of one of your peers in nomination for the Pioneer Award. There is no shortage of very worthy candidates within our ranks. Please address any questions about the award, the nomination process, or any other concerns you may have to the WHEA Members Services Committee chair, Roger Elliott, 715.563.2069, [rwelae@charter.net](mailto:rwelae@charter.net) or WHEA President, Duke Cook, 715.358.1425, [cook.duke@marshfieldclinic.org](mailto:cook.duke@marshfieldclinic.org).

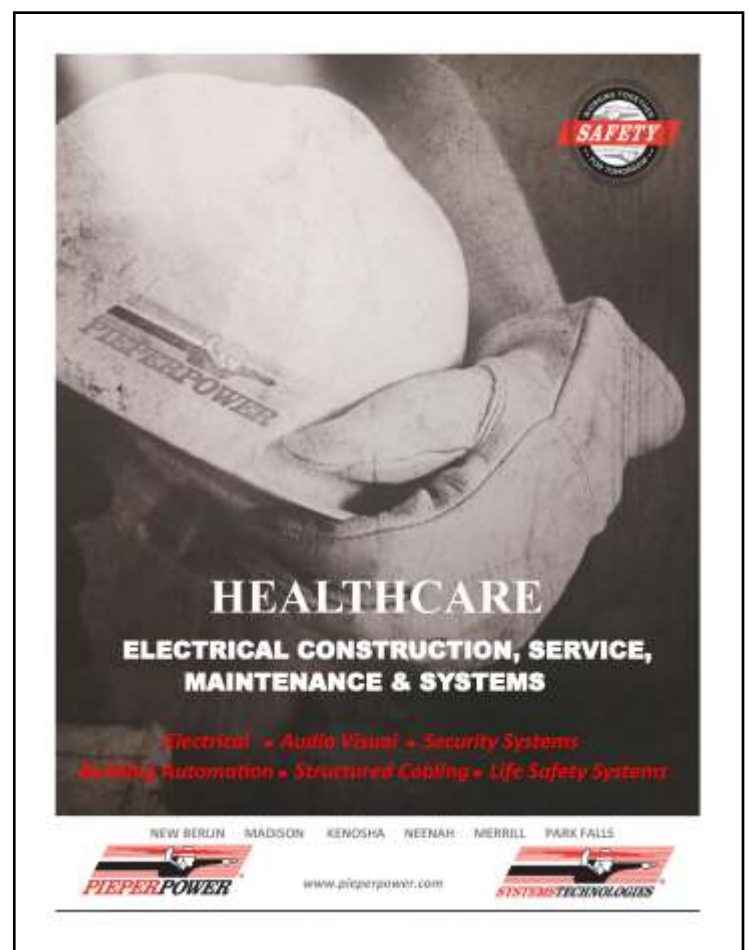


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# Wisconsin Healthcare Engineering Association

## Robert H. Botts HEALTHCARE ENGINEERING PIONEER AWARD

The intent of this award is to annually recognize a member of WHEA who has made significant contributions through personal or professional initiatives to improve and promote health care facilities management or the health care industry, in keeping with the mission statement of the organization: "The Wisconsin healthcare Engineering Association serves the community by providing a safe and comfortable environment for health care through the application and practice of health care engineering developed through education, professional growth, and advocacy in codes and standards."

### The AWARD:

Will be presented annually and consists of an engraved plaque displaying the WHEA logo, the recipients name and chapter, and the year awarded. Additionally, a letter recognizing the award with a brief synopsis of details of the recipient's accomplishments will be presented to both the recipient and his/her CEO/President.

### Qualifications:

In order to be nominated for the WHEA Healthcare Engineering Pioneer award, the candidate must meet the following criteria:

- Must be a current member of the WHEA
- Must have held continuous membership for a minimum of three (3) years
- Must not be a current elected state board member or an elected board member during the previous calendar year.

### Achievements & Contributions:

In order to be selected for the WHEA Healthcare Engineering Pioneer award, the successful candidate must have attained a significant level of achievement (as a professional working in the field of health care facilities management, or allied health care professions,) in one or more of the following areas:

- through achievement of significant operational efficiencies,
  - through implementation or design of cost containment strategies,
  - through significant innovation in facility design,
  - through innovative facilities management practices,
  - through innovative safety initiatives,
  - through innovative technology initiatives,
  - through innovations in construction management strategies,
  - through participation in citizen advisor boards or other advocacy projects where personal facilities management expertise or applied engineering excellence:
- significantly improved the overall quality of health care in the community(s) being served,
  - significantly improved accessibility to health care services,
  - significantly improved local, state, or national code compliance or code revisions, or
  - significantly improved levels of health care services to the community(s) served.

### Selection Procedure:

1. Candidates must be nominated by another member of the WHEA, in writing, including:
  - A written narrative of not less than 250 words, describing the actions that you feel qualifies your nominee for the Healthcare Engineering Pioneer award.
  - Include one (1) additional letter of support if so desired (not required)
  - Attach other supporting documentation as needed to validate the accomplishments of the nominee.
2. Nomination papers must be submitted to the current state WHEA President for the previous calendar year, prior to June 30<sup>th</sup> of the current year.
3. The WHEA elected state board members will evaluate all submitted nomination papers, with the aid of a criteria-based scoring grid.
4. The selected recipient will be determined by a simple majority vote of the elected state board members.
5. The award will be presented to the selected recipient by the President of WHEA at the Annual Banquet or other appropriate event or venue prior to the end of the calendar year.

# Wisconsin Healthcare Engineering Association

## Robert H. Botts HEALTHCARE ENGINEERING PIONEER AWARD

### Nomination Form

I nominate the following individual for the \_\_\_\_\_ WHEA Robert H. Botts  
Healthcare Engineering Pioneer Award. Year

NAME: \_\_\_\_\_

TITLE: \_\_\_\_\_

ORGANIZATION: \_\_\_\_\_

FACILITY: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PHONE: (     ) \_\_\_\_\_ EMAIL: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

MANAGER/CEO/PRESIDENT: \_\_\_\_\_

PHONE: (     ) \_\_\_\_\_ EMAIL: \_\_\_\_\_

#### NOMINATED BY:

NAME: \_\_\_\_\_

TITLE: \_\_\_\_\_

ORGANIZATION: \_\_\_\_\_

FACILITY: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PHONE: (     ) \_\_\_\_\_ EMAIL: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

#### ATTACHMENTS/INCLUSIONS: (Check all that apply.)

\_\_\_\_ Nomination Narrative

\_\_\_\_ One additional letter of support (Optional) Limit, one (1)

\_\_\_\_ Support documentation: Published articles, Financial documentation, and other documents as needed to validate the accomplishments of the nominee.



# Employment Opportunities

Are you looking for a change -- an opportunity to advance your career?

Check out the following pages for employment opportunities available for healthcare facilities professionals.

## Director of Environmental Services

Felician Village, on the beautiful shores of Lake Michigan, is seeking a key individual to join our management team. We are a CCRC with a total of 300 beds across our campus. Under the sponsorship of the Felician Sisters, you will join a team of professionals committed to continuing a 130 year tradition of providing exceptional care to our residents in an array of senior living environments.

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- Responsible to direct and supervise maintenance, housekeeping and laundry
- Ensure compliance to all building codes and applicable state/federal codes
- Assists with the development of budgets
- Oversee all necessary maintenance of the building, ground and equipment
- Works with external vendors for building needs
- Investigate and problem solve equipment and mechanical failures

### Qualified Candidates Must Meet the Following Qualifications

- 3 – 5 years of related experience
- Certifications in facility or plant maintenance preferred but not required
- Previous life safety experience
- Working knowledge of refrigeration, electrical, plumbing and general construction
- Working knowledge of building, state/federal, and life safety codes
- Excellent problem solving skills

Interested candidates should send a resume for confidential consideration to:

Felician Village  
Director of Human Resources  
1635 S. 21<sup>st</sup> Street  
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[mhillmer@felcianvillage.org](mailto:mhillmer@felcianvillage.org)

Posted 6/19/18

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**Thank you, WHEA members, for your continued support and have a great 2018.**

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## *Employment Opportunities*

### **Refrigeration Specialist**

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ProHealth Care is looking for a self-motivated, high-energy individual who is an experienced refrigeration service technician to help maintain our every growing inventory of equipment. Duties would include performing scheduled maintenance, routine break-down and emergency repair services on both commercial and residential type refrigeration equipment, ice machines, and other kitchen equipment.

### **Qualifications**

- Valid Wisconsin driver's license is required
- High school diploma / GED
- Minimum 2-4 years Refrigeration Experience
- Preferred 4-6 years Refrigeration Experience
- EPA Refrigerant Certification
- Knowledge of commercial Kitchen equipment a plus
- Familiar with Microsoft Office (word, excel, & outlook)
- Good communication skills

ProHealth Care, one of the largest employers in Waukesha County, offers work that is challenging and rewarding. The organization is dedicated to providing the highest quality service to our patients and their families and treats each individual with respect – the way they should be treated. We have high expectations for those who join our team of nearly 5,000 employees. In return, we offer exceptional career opportunities in a dynamic, health care system where the contributions of every team member are valued.

For complete details and to apply please click on the following link and search by Req. #59524

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<https://career4.successfactors.com/sfcareer/jobreqcareer?jobId=59524&company=ProHealth&username=>

*ProHealth Care is an equal opportunity employer and is committed to an inclusive work environment and values the perspectives of our people. We maintain a drug-free workplace and perform pre-employment substance abuse testing.*

Posted: 6/5/18



## *Employment Opportunities*

### **Stationary Engineer Supervisor**

Aurora St. Luke's Medical Center - Milwaukee

#### **How You'll Make a Difference**

Responsible for the operation and maintenance of the power plant and power piping systems throughout the medical center ensuring efficiency of staff, and utility usage and performance of equipment. Responsible for the maintenance and repairs of the Aurora Complex, all of Heil and Forest Home, Corporate Building, and Credit Union buildings and grounds.

Top Candidates will have building automation knowledge (Metasys), Power Plant experience and strong computer skills including Excel.

Supervises the installation, maintenance, and repair of the power plant, power piping, steam and condensate distribution systems within the medical center. Supervises all general maintenance activities including but not limited to; repair of equipment, building and/or land, electrical systems and components, plumbing, and grounds of other properties.

Oversees general department operations, establishes work schedules, issues daily work assignments and responds to requests for service. Identifies and addresses all safety issues.

Assists in the development of performance indicators, standards, and improvement activities and program effectiveness

Develops programs and testing protocols for water treatment. Operates and maintains high-pressure boilers, boiler auxiliary equipment and power piping.

Maintains records/documentation of work activities and provides recommendations for code compliance to ensure safe operation. Acquires required permits and prepares reports required by state and local government and other regulatory agencies.

Ensures compliance with federal, state, and local regulatory and accrediting agency standards and guidelines for facilities operations this includes accompanying authorities on inspecting building and utility systems.

Prepares specifications, analyzes quotations, expedites, checks quality of installations and repairs made by outside contractors. Creates and maintains complex databases and spreadsheets for statistical tracking and analysis.

Provides recommendations regarding operational developments. Develops and implements energy conservation measures.

Collaborates with manager to develop, implement, and enforce policies, procedures and standards to ensure effective and efficient department operations.

In collaboration with the manager, develops capital, personnel and operational budgets. Responsible for operating within budgetary constraints and to meet the goals and objectives of the organization.

#### **Qualifications**

##### **License & Certifications**

Forth Class Power Engineer certification issued by the National Institute for the Uniform Licensing of Power Engineers, Inc. (NIULPE), and

Chief Power Engineer certification issued by the National Institute for the Uniform Licensing of Power Engineers, Inc (NIULPE), and

Universal Chlorofluorocarbon (CFC) certification issued by the United States Environmental Protection Agency (EPA) needs to be obtained within 120 days.

First Class Stationary Engineer permit issued by the City of Milwaukee. City of Milwaukee requires either a First Class license issued by the National Institute for the Uniform Licensing of Power Engineers, Inc. (NIULPE), or Power Plant Operating Engineer 1st Class license issued by the American Society of Power Engineers (ASOPE).

*(continued on page 26)*

## Employment Opportunities

### Stationary Engineer Supervisor / Aurora St. Luke's Medical Center - Milwaukee *(continued)*

#### Education

Associate's Degree in Power Engineering & Boiler Op.

#### Experience

Typically requires 3 years of experience in power engineering including experience in operating a computerized building management system.

Employees working in the City of Milwaukee must obtain a Stationary Engineer's permit to operate within one year of hire. Knowledge of AutoCAD to update drawings. Knowledge of Johnson Controls METASYS building automation system or a similar system for equipment monitoring and control strategies. Knowledge of applicable codes/regulations pertaining to assigned equipment and operations. Advanced knowledge and demonstrated proficiency in plumbing, HVAC, steam fitting, soldering, fabricating and groundskeeping. Intermediate computer skills. Excellent communication, organization, prioritization and time management skills.

#### At Aurora Health Care

At Aurora Health Care we pride ourselves on taking care of our people. And not just our patients—we mean you, too. We help each other live well. When you work at Aurora, you get the chance to work with a dedicated team that's as passionate about the work as you are. Here, you'll find limitless opportunities for ongoing learning, career advancement, competitive compensation and a stable work environment. But more than that, you have the opportunity to change lives—including your own.

Diversity and inclusion matters at Aurora. We celebrate our differences and nurture an environment where everyone feels included. We know that when we reflect the communities we serve, when we embrace differences and bring our whole selves to work every day, we are working as one to build a healthier tomorrow for everyone. Aurora supports a safe, healthy and drug-free work environment through criminal background checks and pre-employment drug testing. We maintain a smoke-free environment at all our locations. We are an equal opportunity employer. #WorkAtAurora

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Posted: 5/10/2018

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## *Employment Opportunities*

### **Director - Facilities**

Sauk Prairie Healthcare

We are seeking a Director of our Facilities Department to:

- Be responsible for all items related to facilities and energy management within the SPH system.
- Work in a scope of service that includes real estate management, facilitating long range planning, facilitating maintenance, alterations and operations, and disposal of physical plant facilities and equipment.
- Be responsible for all engineering of replacement or repairs of HVAC equipment.
- Function as Safety Director in the annual evaluation of the Environment of Care Management Plans in the following areas: Safety, Security, Disaster Preparedness, Hazardous Materials, Equipment, Life Safety and Utilities.
- Be heavily involved with the design, support, and construction of new construction and renovation projects.

#### Education:

- Bachelor's degree in Engineering required.
- Equivalent combinations of education and experience will be considered.

#### Experience:

- 8-10 years' experience in maintenance and facilities management (5 of which are in a management and/or supervisory role).
- Healthcare facilities management experience desirable.

#### Required Knowledge, Skills, and Abilities:

(This is not an all-inclusive list of knowledge, skills, and abilities. For further information please reach out to our human resource department to learn more.)

- Ability to gather and analyze complex data for reports, budgets, and estimates for new construction or repairs in maintenance.
- Ability to read and understand blueprints and specifications of new construction, installation, and maintenance of equipment.
- Project management skills. Strong customer service skills.
- Strong organizational leadership skills to effectively promote and manage collaboration across departments and staff.
- Ability to plan and organize and to communicate effectively is essential.
- Ability to exercise initiative, judgment, discretion, decision-making, and problem-solving is vital.
- Position requires person who has good leadership skills, excellent human relations skills, and a commitment to quality.

#### Technical Responsibilities:

- Overall responsibility for engineering and maintenance of SPH utility services, buildings, and grounds.
- Administer and implement preventive maintenance programs to ensure uninterrupted operation of the entire physical plant, off-site clinics and surrounding buildings & grounds. Monitor applications to assure maximum effectiveness and ensures appropriate documentation of same.
- Ensure periodic inspection of buildings and utility systems to determine need for alterations and repairs.
- Serve as a liaison with State and other regulatory authorities inspecting buildings and utility systems.
- Maintain compliance with regulatory standards, including OSHA, DHS, and HFAP. This includes required preparation and maintenance of records required by state, federal, or accrediting bodies.
- Serve as an active member of the SPH Infection Control and/or Safety Committees.
- Responsible for the selection and coordination of all maintenance/engineering service contractors.
- Participate in the recommendation and selection of architects and engineers, and ensures all contractual provisions are met along with established codes.

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## Employment Opportunities

### Director - Facilities / Sauk Prairie Healthcare (continued)

- Develop, monitor, and control the maintenance department's capital and operating budgets.

#### Schedule:

- Full time position – 80 hours in a bi-weekly period (1.0 FTE)
- Monday through Friday – primarily from 8:00 a.m. until 4:30 p.m.

#### Benefits:

- Competitive health and dental insurance options
- Flexible paid time off to balance work and life
- Retirement plan with immediate vesting and employer match up to 5%
- Free State-of-the-art fitness facility membership
- Generous tuition reimbursement
- Employer provided life and disability insurance

#### Organization Summary:

Sauk Prairie Healthcare is a nationally-recognized system of primary and specialty services headquartered in a new state-of-the-art facility. We set the standard for service excellence, patient safety, and overall quality.

For more detailed information about advancing your career as part of our team, please visit our website at [www.saukprairiehealthcare.org](http://www.saukprairiehealthcare.org) or contact us direct at:

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Human Resources  
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