

# NEWSLETTER

3RD QUARTER

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## A Farewell Message from the Past President...



*Dennis Havlik*  
WHEA Past-President

It has been both an honor and a pleasure to serve as your president over the past year. Working with the Board and Committee chairs has been an enjoyable experience. I can still remember the day that Scott Sidell called me and asked if I would be willing to serve on the board. I couldn't quite imagine myself as being president of WHEA one day, and now my term is over.

I want to thank WHEA for giving me the opportunity to experience the interaction both locally and nationally that is gained by serving as WHEA President. This year I had the opportunity to serve on a panel discussion at the ASHE Annual Conference, an opportunity I would not have had if not for WHEA. I came to realize how important this organization is and how well respected WHEA is on the national level. Several people approached me at the conference to ask questions about how our organization continued to be a leading ASHE Chapter.

It is an exciting time at WHEA. After waiting most of the year, WHEA received notice on September 25 from our legal counsel that WHEA Foundation Inc. had received a determination letter from the IRS approving our organization as a 501(c) (3). The formation of this foundation has long been a goal for this organization. With the formation of this foundation, WHEA members will have access to opportunities that they didn't have in the past. Financially the organization continues to remain strong. With the continued success of the annual conference and the strong response to the Sponsorship program we have seen continued growth in our financial resources. The board has recognized the value of having a part time employee for the organization. Based on

*(continued on page 2)*

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# Chapter I Donates Foundation Seed Funds

By Gary Karnitz, Chapter President



*"...Chapter I presented a check for the WHEA Foundation ...in the amount of \$2,000!"*

Chapter I started off the meeting season with a bang. After attending the WHEA conference Chapter I met on 10/9/08 at Froedtert Hospital. The chapter meeting was well attended and a short program from Roger Lautz was given. During our chapter meeting a topic of discussion was the WHEA Foundation. I am pleased to announce that Chapter I presented a check for the WHEA Foundation Wayne Johnson in the amount of \$2000.00. We at chapter I are very excited to support this cause. Our chapter is always changing, with the change in the by-laws we will be looking at our membership growing, new topics discussed, and business contacts made. Chapter I has set some aggressive goals for 08/09 and will be brought to the board in November. 🇺🇸



WHEA Foundation Board President, Wayne Johnson accepts the FIRST donation to the Foundation in the amount of \$2,000 from Chapter I President Gary Karnitz at the Chapter I meeting held at the Froedtert Clinical Cancer Center on October 9<sup>th</sup>, 2008.

## Past President Farewell

*(continued from page 1)*

this success, the board approved funds in the 2009 budget for additional support. These funds will help Committee chairs with the support they need to continue to do the excellent job they do.

Lastly, I would like to thank all of you who supported me during my term as president. Your words of wisdom and advice were greatly appreciated. I only hope that I can give back to WHEA all that the organization has given to me.

Dennis Havlik, WHEA Past-President 🇺🇸



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# Conference Committee Report

By Mike Blackwood, Committee Chair



*"[ASHE] President-elect Troy Martin attended [the conference and] spoke to ASHE's strategic plan and how affiliated chapters like WHEA are critical to ASHE's mission."*

The WHEA Conference Committee met to Thursday, October 30 to review results from the 2008 conference and begin preparations for 2009. 2008 evaluations indicate that programs were well received with some speakers and/or programs specifically singled out to return again in future years. Thanks to the great response by members, sponsors and vendors, the 2008 WHEA Annual Conference was a tremendous success.

As in past years, ASHE leadership was again represented at our conference with President-elect Troy Martin attending on Tuesday. Troy spoke to ASHE's strategic plan and how affiliated chapters like WHEA are critical to ASHE's mission. Troy's comments were very complimentary toward our organization and he thanked WHEA for its support to ASHE and the healthcare engineering profession as a whole.

Planning has already begun for the 2009 conference. Red Benshop, Roger Haines and Jim Teunas along with the Resource Committee have reviewed the 2008 conference evaluations and are actively pursuing speakers for the educational programs, with an option for additional multiple tracks at various times throughout the conference.

As 2009 is our last year currently scheduled for Green Bay, a Packer theme will greet us in September with promise to visit the "Frozen Tundra" for some special events.

Watch for more information in future WHEA newsletters and make plans now for a great 2009 WHEA Annual Conference in Green Bay. 🇺🇸

## 2008 CALENDAR

### NOVEMBER

6	Code Committee Mtg (Wintergreen)	12:30 - 4 pm
7	Board Goals Planning Mtg (Wintergreen)	9-noon

### DECEMBER

5	Board Meeting (Wintergreen)	9-noon
5	Newsletter Article Deadline	
11	Chapter IV Mtg	
12	Member Services Mtg (Wintergreen)	9-noon
19	Newsletter Mailing Deadline	

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# Wade Rudolph Recognized with 2008 Founding Fathers Award for Outstanding Service

*Dennis Havlik, WHEA Past President*



It was an honor to present the 2008 Founding Fathers award to Wade Rudolph. Wade joined WHEA in 1998 and was immediately recruited to be a member of the Code Committee. After serving on the committee for several years Wade was asked if he would consider taking over as committee chair a position he now shares with Jon Cechvala. Under Wade's leadership the committee continues to be actively involved at both the state and federal level. Wade currently serves on the AIA Healthcare Revision Committee which publishes the

"Guide-lines for Design and Construction of Health Care Facilities.

Wade has also been actively involved in developing and presenting the WHEA Healthcare Construction Certificate Program. This program was recognized by ASHE, and satisfies ASHE's Healthcare Construction Certificate renewal education requirements. Wade has



*Wade Rudolph, 2008 recipient of the Founding Father's Award for Outstanding Service.*

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also become a regular presenter at the WHEA Annual Conference.

In 2007, Wade was awarded the ASHE Emerging Regional Leader Award. This award is presented annually to an individual who has shown the leadership qualities that will make a good leader. Wade certainly has shown those qualities.

Along with his current duties as Code Committee co-chair Wade has completed his second year on the WHEA Board and is currently Vice President.

When you look at the list of previous recipients of the Founding Fathers award you see the names of many people who have been actively involved and have made an impact on WHEA. It was for these very reasons that I chose Wade to receive the Founding Fathers award. 🇺🇸

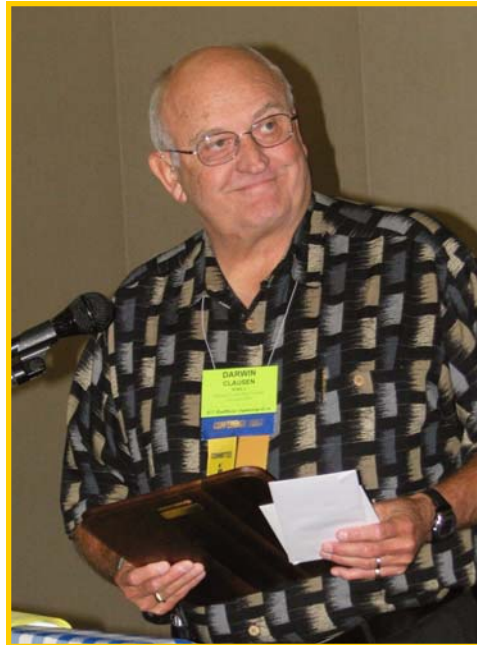
# Darwin Clausen Recognized With 2008 Healthcare Engineering Pioneer Award *by Roger Elliott*

*"...Darwin's vision and leadership are largely responsible for making membership in WHEA available to the members who eventually formed Chapter VI; providing them access to the valuable resources that membership in WHEA affords. Through his efforts countless new members have been introduced to WHEA and to the healthcare facilities management profession."*

On October 2<sup>nd</sup>, at the annual banquet of the 43<sup>rd</sup> WHEA Annual Conference, the Healthcare Engineering Pioneer Award for 2008 was conferred upon retired member, Darwin Clausen, currently co-chair of the WHEA Resource Committee and formerly of Franciscan Skemp Healthcare in LaCrosse.

Darwin was nominated for this prestigious award by both Carl Budde and Steve Vinopal. Carl made the presentation on behalf of the WHEA state board. In his comments, Carl highlighted the following (from the nomination narratives:)

"Darwin has been key in... WHEA's respected recognition by our peers in ASHE across the United States. Darwin was the 'point man' in organizing and establishing the LaCrosse area hospitals and nursing homes [into what is now] WHEA's Chapter VI." Carl noted that Darwin's vision and leadership are largely responsible for making membership in WHEA available to the members who eventually formed Chapter VI; providing them access to the valuable resources that membership in WHEA affords. Through his efforts countless new members have been introduced to WHEA and to the healthcare facilities management profession.



*Darwin Clausen, 2008 recipient of the WHEA Healthcare Engineering Pioneer Award.*

Darwin has served two terms as WHEA President, was instrumental in establishing the concepts necessary to sustain the Conference Committee in its formative years and has served ASHE as a committee member, as well. He dynamically led the facilities operations at Franciscan Skemp for 20+ years. His innovative management style and dedication to embracing advancements in technology throughout his tenure

had a significant impact on Franciscan Skemp's ability to position itself as a leader within the healthcare arena.

The various entries in the nomination narratives from both Carl and Steve cite a tremendous level of achievement by Darwin not only as a professional facilities manager, but as a dynamic leader within WHEA. There is ample evidence throughout Darwin's career that his leadership has had a significant impact on the professional development of all those lives that he touched over the years, as well as on the advancement of WHEA as a premier professional healthcare engineering association.

Congratulations to Darwin Clausen – recipient of the 2008 WHEA Healthcare Engineering Pioneer Award! 🖊️



## Chapter II – Annual Review of Chapter Activities

Tom Stank, Chapter President



November 8, 2007 Recognition of Joe Plonka's retirement was hosted by the Reedsburg Area Medical Center. Twenty-two WHEA members attended, plus many medical center employees. Joe was roasted and recognized for his years of service to WHEA and the medical center. Lunch and a celebratory cake followed the recognition. The Chapter II meeting with committee reports followed. The Program presented at the meeting was the 2008 NEC Changes for Healthcare and Arc Flash highlights presented by Town & Country Electric.

February 14, 2008 the first meeting of 2008 was held at the Trane Company in Madison. Attendance was excellent, with many new faces as well as existing members. The meeting educational topic was "Temperature and Humidity Control in Surgery Rooms" presented by the Trane Company.

February 27, 2008 Resignation of Wayne Schroeder as Chapter II President. As defined by the By-Laws, the past president, Tom Stank assumed office for the remainder of the term.

March 13, 2008 a meeting was held at Wauertown Memorial Hospital with host Harley Harold. Attendance was excellent with 25 members in attendance. The meeting luncheon and educational program was "DDC Controls Integration in Healthcare Applications" presented by Siemens.

April 10, 2008 was the third meeting for 2008, which was held at Wisconsin Energy Conservation Corporation Headquarters in Madison, WI. Johnson Controls sponsored the lunch and program. The program consisted of a presentation and tour of the facility by Eric Wall of Focus on Energy.

May 15, 2008 was the Chapter II Annual Banquet, held at The Prime Quarter in Madison, WI. The evening was a success with 26 members and 12 guests present. A brief business meeting was held and this venue, according to Chapter II bylaws, would have normally been where the slate

of nominees for the upcoming year would have been presented. Dan Zank, Vice President, unfortunately indicated he was unable to secure nominations at this time. A search was continued for officers for the upcoming year. This action was slated and anticipated for resolution at the next meeting.

August 14, 2008 was the chapter II Annual Golf Outing, Lake Windsor Country Club, Windsor, WI. A brief meeting was held and attendees enjoyed a beautiful day of golf throughout the afternoon. At the business meeting, reports were presented and a slate of officers for the 2008/2009 year was also presented. A quorum was established and the ballot was voted upon. With the exception of one opposed vote, the members present approved the new slate of officers for 2008/2009:

Dan Zank – President  
Doug Dunlap – Vice President  
John Pohlmann – Treasurer  
Dennis O'Hearn - Secretary  
Thomas Stank – Past President

October 2, 2008 ---Chapter II meeting, WHEA Annual Conference, Green Bay, WI. A brief meeting was held with 16 members present. The group discussed future plans for acquiring new officers for the chapter. A search committee will be established early in the year to work on this task. Nomination of new member Mark Erickson was presented and voted upon. The vote passed. A round table discussion was held on current facilities issues. Pete Goepfert presented a fire barrier policy, which he shared with the group. Plans for upcoming meetings were discussed.

October 30, 2008---A meeting and presentation was held at 11:30 at The Trane Company, 4801 Voges Rd. Madison. Transition of new officers for 2008/2009 took place. Bill Giovani and Jesse O'Kane of Ingersoll Rand Security Technologies presented a program on locks, closers, ADA compliance and the integration of electronic security. 🖨️

# Member Services Annual Conference Report

Roger Elliott, Committee Chair



*"...we had 50 non-WHEA members in attendance this year – some first-timers and some repeat participants ...[and we] are already making follow-up contact with those folks in the hope of recruiting them into our membership ranks."*

*"One of the most satisfying aspects of the annual conference for the Member Services team is presiding over the member service awards presentation..."*

The 2009 Annual Conference certainly lived up to its billing as one of the premier healthcare engineering conferences within all of ASHE's affiliated chapters! Your Member Services Committee was busy again during conference week this year; completing numerous tasks and participating in several events.

One of our more satisfying endeavors during conference week is welcoming all the first time attendees, providing them with probably more information than they can reasonably process in a very short time, but nevertheless striving to make their first experience with us as enjoyable and meaningful for them as possible. We rely heavily these days on our colleagues from the Resource Committee to staff our first-time-attendee display area and serve – you guessed it – as resources for our first timers. Carl, Darwin and their team greeted 35 first timers this year, and one of them – Gail Essen – was selected as the recipient of a WHEA logo jacket after having her name drawn from the hat during our annual meeting. In total, we had 50 non-WHEA members in attendance this year – some first-timers and some repeat participants. Your Member Services representatives are already making follow-up contact with those folks in the hope of recruiting them into our membership ranks.

The WHEA "Internet Café"

was in place for participants to use to keep in touch with their offices, send and receiving messages, etc. We'll keep this function in place and build upon it in future years as a worthwhile amenity that we can offer to our participants.

Kelly Roshell and Jane did a great job of getting our Maintenance and Plant Operations Employee Recognition Week materials into the hands of our customers. We conducted an aggressive marketing campaign to secure as many pre-conference orders as possible this year, and were quite successful in getting most of the materials ordered out of our inventory by the end of the conference. Our members seemed to appreciate the option to pick up their orders at the conference; minimizing the volume that has to be mailed out after the conference and saving a lot of time and shipping expense for us. We sold 813 buttons, 6 banners and 50 posters this year. It appears that we could have sold another 100 buttons if we would have had them in inventory, so we'll adjust our order volume for next year.

Every year the WHEA board of directors provides a FREE ASHE MEMBERSHIP to each chapter. The chapters select an appropriate recipient of the membership and forward that name to Member Services. We announce the names at the annual meeting. The Free ASHE Membership recipi-

ents for 2009 are:

- Jeff Eckstein of Children's Hospital in Milwaukee,
- Howard Whittaker of the Monroe Clinic,
- Marti Isaacson of Techline in Appleton,
- Charles Kostka of St. Michael's Hospital in Stevens Point,
- Gary Gust of Building with Architects in Menomonie, and
- Chris Meyer of Master Metal, Inc. in Onalaska.

One of the most satisfying aspects of the annual conference for the Member Services team is presiding over the member service awards presentation during the annual banquet. It is always gratifying to see so many of our members recognized with service pins and plaques commemorating many decades of continuous membership and service. This year we presented 5-yr service pins to twenty-five (25) members, 10-yr awards to fourteen (14) members, and 15-yr awards to nine (9) members. In addition, we provided recognition plaques to two (2) members for 20 years of service, four (4) members received 25-yr plaques, three (3) members received 30-yr plaques and two (2) members were recognized for 40 continuous years of membership! Congratulations to all those who were honored with well-deserved recognition awards. 🖐

# MECH Certification Program Report

Jim Hildebrand, MECH Program Manager



*"MISHE is working on the possibility of developing a 'Healthcare Supervisory Certification' program."*

For 2008 (YTD) we've sold 17 preparation manual's and 17 test applications for Mechanic Certification, grossing \$1,690.00.

In 2007 we sold 43 preparation manual's and 37 test applications for Mechanic Certification, grossing \$5,160.00.

We have a total of 88 certified mechanics, and 205 senior certified mechanics in Wisconsin, for a total of 293 mechanics.

Per MISHE, 78 of our MECH certificate holders are registered to be re-certified. This leaves the balance in the awkward position of losing their certification in four years or less.

MISHE is working on the possibility of developing a "Healthcare Supervisory Certification" program. I'm the first volunteer for the development committee.

For more information on the MECH certification program please, visit the following sites:

<http://www.whea.com>

<http://www.mishe.org/mech.htm>

<http://www.mische.org/mech-recertification.htm>

The MECH Program goals for 2008 were to:

- Increase the number of certified and senior certified mechanics.
- Increase the sale of preparation manual's and the MECH certification examinations.
- Review and update, as needed, the MECH program procedures, with copies to the board.
- Support the new re-certification program

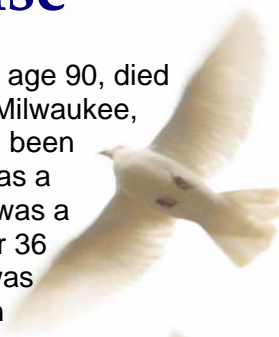
(All goals except number 2 were met in 2008)

The MECH Program goals for 2009 are:

- Increase the number of certified and senior certified mechanics.
- Increase the sale of preparation manual's and the MECH certification examinations.
- Review and update, as needed, the MECH program procedures, with copies to the Board.
- Support the new re-certification program
- (New 2009) Support the development of a "Healthcare Supervisory Certification" program. 🐼

## In Memoriam – Robert C. Heise

WHEA Past President and long-time active member of Chapter II, Robert C. Heise, age 90, died Saturday, Oct. 11, 2008, at Oakwood Village East. He was born June 17, 1918, in Milwaukee, the son of Henry and Rose (Speller) Heise. Prior to his retirement in 1984, Bob had been employed by St. Mary's Hospital as the plant director. During his tenure there, and as a Member of Chapter II, Bob was elected to serve as WHEA President in 1983. Bob was a veteran of the U.S. Army. He was a member of the Wisconsin Lutheran Chapel for 36 years. Bob enjoyed traveling, woodworking, playing the fiddle and most of all, he was a family man. On June 17, 1950, Bob was united in marriage with Lorraine Werth in West Allis. In addition to his wife, Lorraine; survivors include a daughter, Jennifer (James Wehrle) Heise of Stoughton; a son, Jonathan Robert (Wendy) Heise of Brodhead; three grandchildren, Andre Robert Wehrle, Zachary Thomas Heise, and Joshua Charles Heise; and a sister, Dorothy Banister of Grayslake, Ill. Services were held at 11 a.m. Wednesday, Oct. 15, 2008, at the Oakwood Village East Chapel, 5565 Tancred Drive, the Rev. Thomas Trapp, officiating. Burial was in Highland Memorial Park in New Berlin. **In lieu of flowers, memorials are suggested to the Oakwood Foundation or the WELS Chapel Organ Fund.**





# EnergySmart Hospitals

Roger Lautz, PE, HFDP, WHEA Code Committee / Henneman Engineering

*"This EnergySmart Hospitals program seeks to... promote improved efficiency by 20 percent in existing buildings and 30 percent in new construction over current standards."*

*"...the energy cost of operating a hospital is only about 1% to 3% of total operating costs; so, it does not always get the attention of the CEO, but in a large facility this can be millions..."*

At the annual meeting, WHEA Code Committee and ASHE Advocacy Advisory Committee member, Roger Lautz, PE, HFDP of Henneman Engineering, presented a new program by the Department of Energy that was launched at the July ASHE meeting in Washington DC.

This EnergySmart Hospitals program seeks to:

- Promote improved efficiency 20 percent in existing buildings and 30 percent in new construction over current standards
- Increase efficient and renewable energy applications in hospitals
- Reduce energy use and operating costs
- Create healthier healing and work environments
- Maximize successful hospital upgrades and design strategies
- Ensure reliable backup power during disasters
- Improve environmental performance

The DOE identified a significant barrier to implementation in that the energy cost of operating a hospital is only about 1% to 3% of total operating costs; so, it does not always get the attention of the CEO, but in a large facility this can be millions of dollars a year.

So, the burden often lies on the Facility Managers and Plant Operations to reduce the energy costs of the facility. The good news is that there are plenty of things that can be done without procuring new technologies to start.

The EnergySmart Hospitals program suggests that hospitals can reduce their costs with an energy management program that implements the following:

*Step 1—Create Awareness of the Opportunity: Make the commitment to*

*energy efficiency known to staff and provide visible leadership support.*

*Step 2—Perform Base-line Mapping: Consolidate energy use data and cost figures from throughout the hospital system into a broad and integrated Hospital Energy Map.*

*Step 3—Develop a Compelling Vision: Organize an Energy Management Steering Committee with wide representation from across the hospital finance,*

*(continued on page 10)*

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*maintenance and facilities, purchasing, quality 1-/8 relations, clinical operations, medical personnel). Charge the committee with developing a strategic plan and setting goals in alignment with your hospital's mission.*

- Include retrofitting, new construction, and operation of existing facilities in scope
- Incorporate relevant existing initiatives within the hospital system

*Step 4—Turn the Vision into Action: Establish metrics and implement a comprehensive “wholebuilding” energy management program, addressing all building systems. Track, evaluate, and continue mapping and upgrading.*

Some areas to look at for energy savings are:

### VAV Systems

- Do you have Variable Speed Drives on Motors? Do they change speed?
- Adjust maximum and minimum air flows
- Set occupancy controls on boxes
- Reset static pressure based on damper position
- Calibrate boxes
- Check for leaking heating water valves

### Surgery

- Check setpoints
- Adjust/reset supply air temperature
- Add unoccupied routine
- Adjust air-side economizer and humidification for lowest overall cost
- Use filters with lower pressure drop

### Patient Rooms

- Guidelines allows 4 ACH (not 6) minimum with supplemental heating/cooling systems
- Adjust airflows
- Reduce/reset static pressure
- Check for leaking heating valves
- Limit setpoint adjustment

### Scheduled Occupancies

- Cafeteria, Blood Draw, Outpatient, Waiting Rooms, Clinics, Offices, Administration, etc. may have regular hours.
- Treat these more like office space – turn things off.
- Use occupancy sensors for override if necessary.

### Motors

- Newer Premium Efficiency motors can be about 3% more efficient than older motors.

- Motors running at 70-80% of nameplate tend to be most efficient (but this varies by motor).
- Re-sheave fans with VFDs to operate in the higher end of the range – 100% speed at peak is ideal.

### Lighting

- Lighting technology is improving daily.
- Check for the latest technology.
- Look where it can be implemented.
- T8 for T12 (if not already done).
- T5 for T8 usually requires fixture change.
- Fixture controls, sensors, etc. – keep them off when not needed.

### Medical Equipment

- How much energy does it use?
- Does it have a standby mode?
- When can it be turned off? How long to start?
- Compare to other brands before buying.
- Make the companies know that you care.

The first step for the EnergySmart Hospitals program was to create the Hospital Energy Alliance to:

**Drive the market** to provide energy services in a cost competitive way faster than it would without HEA.

**Harness the advanced technologies**, analytical tools, and capabilities emerging from DOE and the national energy labs.

**Eliminate duplication and waste** by creating and sharing evidence-based information on successful strategies.

**Serve as a unified industry voice** to influence manufacturers and distributors on the demand for highly efficient products and services targeted by Alliance members.

**Help DOE shape future R&D** by clarifying the business needs and drivers unique to the hospital sector.

**Validate the energy and carbon reduction efforts** of the nation's hospitals to both internal and external audiences, including the financial community.

The alliance includes:

*(continued on page 11)*

## EnergySmart Hospitals *(continued from page 10)*

*"...get useful tools into the hands of the right people, to promote useful technology ...to influence the supply chain to get efficient products into the marketplace..."*

- Catholic Healthcare West
- Department of Veterans Affairs
- Gundersen Lutheran Health System
- Kaiser Permanente
- Mayo Clinic
- Providence Health & Services
- TECO/Texas Medical Center
- University of Pittsburgh Medical Center
- American Society for Healthcare Engineering (ASHE)
- American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)
- Global Health and Safety Initiative (GHSI)
- Illuminating Engineering Society of North America (IESNA)

This group will act as a steering committee for four subcommittees: Technical Tools & Training, Technology Demonstration, Medical Equipment & Procurement, and Stakeholder Communications. The idea is to get useful tools in to the hands of the right people, to promote useful technology and quickly weed out the failures, to influence the supply chain to get efficient products into the marketplace, and to share the

good, bad and ugly with the users. After the meeting, Bob Dubiel of Luther Midelfort MAYO brought up his experiences with a recent internal initiative. The following is a summary of their experiences.

### *Luther Midelfort Energy Update*

*By Bob Dubiel, Gordy Howie, and Lucas Johnson*

- Luther Midelfort has just finished an extensive retro-commissioning project aimed to pinpoint inefficiencies in our HVAC systems. The project found 112 repairs that needed to be made resulting in over \$40,000 in energy losses annually. These malfunctions are currently being repaired and more in depth preventive maintenance checks are being implemented.
- A computer shutdown has been installed campus wide to reduce PC and monitor use. A program was purchased to shutdown all business area PC's (3700 of them) after 7 pm, and turn them back on at 6 am the next day, as well as a shutdown over the weekend and holidays.
- We have just finished installing a new dishwasher using half of the water as our previous machine with a higher capacity of dishes.

- Currently installing a new ironer for our Laundry reducing steam consumption by over half.

- Currently creating a standard for occupancy sensors in all office or clinical areas. After 4 months, we have over 600 installed.

- Currently reducing the amount of personal water used in restrooms by installing flow rate aerators on faucets. Creating a policy to make these low flow valves a standard for
- (continued on page 12)*

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## EnergySmart Hospitals *(continued from page 11)*

new construction as well.

- A new kitchen exhaust hood was recently installed reducing horsepower on fans by 75% and reducing run time by over half as well.
- A complete T12 to High Performance T8 lighting swap hospital wide.
- Completed a steam trap survey to correct issues with our traps.
- Created a setback schedule on air handlers based on occupancy and time of year.
- Conducted a campus wide infrared building envelope study to find heat loss areas throughout the building.
- Several heat recovery projects are underway.
- We have switched strictly to LED exit lighting.
- Lighting amounts throughout the hospital are being modified to minimize light waste.

Hopefully, this is the beginning of a series of articles on energy initiatives and improvements. We look forward to your suggestions and your stories. Together, we really can make a difference in reducing our energy costs. 🇺🇸

Columbus Community Hospital  
Intensive Care Unit



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# ASHE Region 6 Report

Steve Vinopal, ASHE Region 6 Director/WHEA Liaison



*"...take a moment to consider running for the ASHE Region 6 Representative for 2010 - 2011! That election will be held in 2009."*

During the week of September 15th my Region 6 Summer / Fall Newsletter should have arrived for all ASHE Members. I shared key points from the July ASHE Board Meeting. I am attending the ASHE Board meeting in Savannah October 1-4. I will report on those ASHE Board activities in my Winter news letter. If you are an ASHE Member and have not received the ASHE Newsletter please send me an email and I will pursue it with ASHE to see what the problem is. I want to congratulate WHEA on again receiving the ASHE Platinum Affili-

ated Chapter Award. This is the highest award for chapters that ASHE presents. Great job WHEA! The Platinum award was awarded to only 10 chapters this year. WHEA truly stands as one of ASHE's elite chapters year in and year out.

## WHEA Members Active on National Level

Please take a moment to thank the following WHEA Members for their active roles on the ASHE Advocacy Committee for 2008. Mr. Mike Blackwood, committee chairman, Serving as Advocacy Committee Members were Wade Rudolph and Roger Lautz. Please take an additional moment and thank Mr. Wade Rudolph, Mr. Jon Cechvala, Mr. Roger Lautz, and Mr. Jeff Boldt. Wade and Jon are working on the new FGI Guidelines Committee, Jeff is chairing the 90.1 Committee, and Roger is working with the NFPA 99. This group is contributing a great deal of time and effort by serving and representing healthcare on these committees. When you see them, Please take a moment to stop to thank them and applaud their efforts on our behalf

and for your respective facilities

Mr. Troy Martin, ASHE President Elect joined you on Tuesday and Wednesday and addressed the group on ASHE activities. Troy was filling in for Mr. John Wood the current ASHE President. John is planning to attend the 2009 WHEA Conference. Mr. Terry Martin from Arkansas won the election as your 2010 ASHE President. Thank all of you that took the time to vote. Terry will be an outstanding ASHE President.

I would like to have all of you as WHEA Members take a moment to consider running for the ASHE Region 6 Representative for 2010 -2011. That election will be held in 2009. The election process begins after the first of January, 2009. We have started several exciting projects at both the national and regional level. I urge you to consider taking the challenge of keeping those projects moving and bringing your ideas and leadership to ASHE along with Region 6. Please contact me with any questions on the election process or details on the position.

I would also like to announce that the 8th ASHE Region 6 conference will be held in Mankato, MN  
*(continued on page 14)*

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## ASHE Region 6 Report *(continued from page 11)*

on April 16, 17th 2009. Please consider attending the conference. The conference has quickly become the gold standard of which ASHE is promoting as a model to be followed by the other 9 ASHE Regions. An article titled "The Birth Of An ASHE Region Meeting" will be featured in upcoming issues of the "InsideASHE" magazine.

The Region 6 Meeting is another first for ASHE of which WHEA and its members played a key role. Mr. Roger Haines, Committee Co- Chair, Mr. Darwin Clausen, Sponsorship Committee Co- Chair, and Mr. Roger Elliott, committee member, are the WHEA Representatives that serve on the current Region 6 Conference Committee. Stacey Barrett from MBMC serves as the committee recording secretary.

ASHE members please look for and respond to the ASHE Alerts that you receive from ASHE. Non - ASHE members will also receive these alerts via ASHE's Advocacy Highway, to WHEA's Code Committee, which in turn will do a "WHEA Blast" to our WHEA Membership. They need your responses and support in our efforts to be advocates to prevent unnecessary codes from being written. Talk to Mike Blackwood, Wade Rudolph, Jon Cechvala, Jeff Lautz or contact me for details .Your partnering with WHEA and ASHE can make the difference. Wade Rudolph and Jon Cechvala are your designated liaisons to the ASHE Advocacy Information Hi-Way.

Please look for my ASHE Region Newsletters and ASHE Reports in our WHEA Newsletter to keep you posted on ASHE. If you have any questions or concerns involving ASHE, my email is [svinopal@milebluff.com](mailto:svinopal@milebluff.com) or 608-847-6161.

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# For Access to the Members Only area of [www.whea.com](http://www.whea.com), you need a User Name and Password!

By Roger Elliott



*"There is a great deal of important information available to you at [www.whea.com](http://www.whea.com), but to get the most out of your membership you need access to the "Members Only" area of the website."*

If you are a new member or a member who hasn't already taken advantage of this opportunity for access to the WHEA Members Only website, please contact our Administrative Assistant, Jane Bruvold at [bruvold@sbcglobal.net](mailto:bruvold@sbcglobal.net) and she'll be happy to get you started.

There is a great deal of important information available to you at [www.whea.com](http://www.whea.com), but to get the most out of your membership you need access to the "Members Only" area of the website. This is the area where the privileged information provided exclusively to our members is posted and maintained.

Here's the general process that we follow for all members requesting access to the Members Only pages of [www.whea.com](http://www.whea.com).....

- User names are always the members' first initial of their first name and their last name, all in lower case -- no exceptions (i.e. Smokey T. Bear becomes sbear).

- Members get to pick their own password – WE DON'T ASSIGN PASSWORDS! Our preference is that the passwords are setup to be 6-15 characters, any combination of letters or numbers, upper or lower case. We sug-

gest that members use a favorite password that they typically use for other purposes on a regular basis (makes it less likely you'll forget it.) However, some folks like to use a password unique to this application, so we'll accept pretty much anything they want to use. The only persons who will ever know what your password is are me and Jane Bruvold. No one else will ever have ac-

- To begin with, all these requests should be directed to Jane, but I can handle this for you if she is unavailable. You can reach me at [relliot@sjcf.hshs.org](mailto:relliot@sjcf.hshs.org).

- Once you've submitted your choice of password to Jane, she will enable it and you'll be ready to go! Thereafter, if you forget your password, you can click onto the "Forgot Password" link on the login page and the system will automatically mail the pass-

word to your email address – just another reason why you need to keep all your roster information current with your chapter Member Services representative. If you don't, you miss a lot of important WHEA communications and will lose access to the Members Only site!

Contact us for your user name and password, today! 🐻



gest that members use a favorite password that they typically use for other purposes on a regular basis (makes it less likely you'll forget it.) However, some folks like to use a password unique to this application, so we'll accept pretty much anything they want to use. The only persons who will ever know what your password is are me and Jane Bruvold. No one else will ever have ac-

# Upcoming Educational Opportunities

By Jim Teunas, Committee Chair



## JOINT COMMISSION UPDATES 2009

Thursday,  
November 13,  
2008

*Glacier Canyon Lodge at the Wilderness  
45 Hillman Rd, Wisconsin Dells, WI  
800-867-9453*

### REGISTRATION

Program Registration Fee  
**\$190.00**

The registration fee covers the cost of the program, refreshments, lunch and materials. Online registrations only at [www.whea.com](http://www.whea.com). A registration confirmation/invoice will be emailed to you once you register. Walk-ins are discouraged and the registration fee must be paid in full by the start of the program. Credit cards accepted.

### PROGRAM OVERVIEW

This program will benefit all who interface with the Physical Environment (PE). Facility managers, safety officers, risk managers as well as leadership will all benefit as each functional area of the PE (see EC.04.01.01-EC.04.01.05) is addressed.

It will also focus on the revised 2009 Environment of Care, Life Safety and Emergency Management standards of the Joint Commission.

### COURSE OUTLINE

8:00 am - 9:00 am Registration

PART I - 9:00 am - noon

Joint Commission Update—George Mills  
Senior Engineer Accreditation Operations  
Joint Commission

Noon - 1:00 pm Lunch

PART II - 1:00 pm to 4:00 pm

Practical Approaches to Meeting the Revised  
2009 EOC, Life Safety and Emergency  
Management Standards of the Joint  
Commission—Ode Keil, President of the Ode Keil  
Consulting Group and Director of Facilities and Life  
Safety Services for Advocate Lutheran General  
Hospital, Park Ridge, IL

Go to [www.whea.com](http://www.whea.com) to see  
complete information on this  
program, including agenda,  
instructors, cancellation policies  
and facility information.

Registration is open for  
this program at  
[www.whea.com](http://www.whea.com)!

## Online registration at [www.whea.com](http://www.whea.com)

# Healthcare Construction Certificate

**Wednesday,  
December 10, 2008**

Registration: 8:00 am - 8:45 am  
Program: 8:45 am - 4:30 pm

**Radisson Hotel  
LaCrosse, WI 54601  
200 Harborview Plaza  
608.784.6680**

## **Early Bird Registration**

**\$165**

*(Early Bird Registration Ends 11/26/08)*

## **Regular Registration**

**\$190**

**Online Registrations Only  
at [www.whea.com](http://www.whea.com)**

### WHEA RENEWAL



Starting in 2008, WHEA's HCC Program Certificate is valid for a period of three (3) years from date of issue. Renewal process details are available on [www.whea.com](http://www.whea.com).

Registration opens  
November 5<sup>th</sup> at  
[www.whea.com](http://www.whea.com)!

Be sure to register early,  
space is limited.

## **PROGRAM PRESENTERS**

**Jon F. Cechvala, AIA, NFPA, ASHE**  
*Eppstein Uhen Architects, Madison*

**Wade E. Rudolph, CBET, CHFM, ASHE**  
*Maintenance and Plant Operations  
Director, Sacred Heart Hospital, Eau Claire*

**Robert Dubiel, CHFM**  
*Director of Construction Services  
Luther Midelfort, Eau Claire*

## **PURPOSE**

The Healthcare Construction Certificate is a one-day seminar designed for contractors and hospital construction supervisors to provide knowledge of many issues pertaining to construction in a healthcare environment. The attendee will receive a certificate of attendance, hard hat decal and textbook for reference. This program satisfies ASHE's Healthcare Construction Certificate renewal education requirements.

## **WHO SHOULD ATTEND**

This education seminar will be of interest to all contractors, their construction supervisors, facility managers and the staff of the engineering and maintenance departments. The program will focus on Healthcare Construction and the operation of its critical life support systems. It will also provide a refresher to the various code and the record-keeping requirements.

**Go to [www.whea.com](http://www.whea.com) to see complete information on this program, including agenda, instructors, cancellation policies and facility information.**

*This program satisfies ASHE's Healthcare Construction Certificate renewal education requirements.*





# 2009 Webinar Subscription Service

## WISCONSIN HEALTHCARE ENGINEERING ASSOCIATION

*Dedicated to Excellence in Healthcare Engineering*

The Education Committee is dedicated to our Association's mission of providing quality education, advocacy and outreach within our healthcare community. We strive to develop technical and managerial program offerings that provide value to our members.

### **BENEFITS**

WHEA offers web-based education programs that focus on "hot topics", code alerts and management level subjects. With the Webinar Subscription Service you sign up once and will be automatically enrolled for all WHEA webinars offered in 2009.

This service ensures that:

- You will be automatically registered for all WHEA offered webinars. A minimum of four (4) webinars per year.
- One approval and payment process for all webinars throughout the year.
- Webinars are accessible from anywhere with internet and phone access; from your office or from a conference room with your team.
- Webinars are recorded and viewable at anytime throughout the year.

### **SUBSCRIPTION DETAILS**

- \$300 annual fee.
- Service term is based on the **2009** calendar year.
- One connection per subscription service.
- Confirmations will automatically be e-mailed

**Register online at [www.whea.com](http://www.whea.com).**

Go to "Education and Training" follow the drop-downs to "Program Registration" then to "Webinar Subscription Service".

**If you have any questions,**  
please contact the WHEA Administrative Assistant at 920.779.9167.



# Employment Opportunities

## ***Clinical Engineering Supervisor***

***University of Wisconsin Hospital and Clinics, Madison***

As a leading academic medical center—named among 100 Best Companies for 2007 and 2008 by *Working Mother* magazine, consistently ranked among America's top hospitals by *U.S. News and World Report* and named in the Leapfrog Group's 50 Exceptional U.S. Hospitals—University of Wisconsin Hospital and Clinics in Madison, Wisconsin, offers challenge, growth and a unique opportunity to use your knowledge and experience to the fullest. We are currently recruiting for a Clinical Engineering Supervisor.



Under general supervision of the Director of Plant Engineering, the incumbent is responsible for the day-to-day operation the Clinical Engineering (Biomedical) section of the Plant Engineering Department. This position functions in a Hospital-Medical School environment serving the ten construction trades and maintenance shops. The incumbent executes the hospitals Medical Equipment Management Program. The incumbent supervises the Biomedical Engineering Technician staff who perform troubleshooting, repairing, maintenance and calibration of sophisticated electronic patient care equipment, including life support, communications, network communications and components, electronic control systems and general electronic support equipment. The position spends the majority of time managing the technical staff and is responsible for the hiring, training, discipline, suspension, layoff, and evaluation of that staff. The position is also responsible for assigning daily work, developing and maintaining a budget, and maintaining the section's clinical equipment maintenance records.

Requirements include Associates Degree in Electronics, five years management experience (healthcare experience preferred), experience troubleshooting electronic equipment and three years experience using a computerized work scheduling and tracking system.

Our positions offer excellent benefit and compensation packages. AA/EOE.

UWHC requires Pre-Employment Physical, Background Check and Drug Screen.

Please apply on-line at [www.uwhealth.org/careers](http://www.uwhealth.org/careers).

# Employment Opportunities

## ***Director, Facilities Program Development*** ***Froedtert & Community Health, Milwaukee, WI***

Froedtert & Community Health, one of the fastest growing hospital systems in southeastern Wisconsin, has the opportunity for you to be an integral part of its continued expansion into the communities it serves.

This position directs the facility planning and development services in support of the VP Facility Planning and Development for Froedtert & Community Health including all off-campus satellite clinics, office buildings and any other real estate developments. Services include all program management and coordination of facility planning, remodeling, new construction, space utilization and real estate related capital planning for Froedtert & Community Health.

Qualifications: Bachelor's degree required; Master's degree in a related field and/or MBA preferred. Minimum eight years of related experience, preferably in a hospital environment. Requires real estate development expertise as well as working knowledge of construction finance and construction law. Requires familiarity with all maintenance functions involved in facility/grounds operations (plumbing, electrical, HVAC, etc.).

Join our leadership team today! Apply online at [careers.froedtert.com](http://careers.froedtert.com).

EOE/Drug-free Workplace

## ***Director, Plant Operations***

***Froedtert Hospital & Community Health, Milwaukee, WI***

One of the Best Places to Work in Milwaukee!

Froedtert & Community Health, a premier healthcare system in Southeastern Wisconsin, has the opportunity for you to become an integral part of the leadership team on our Froedtert Hospital Campus.

Reporting directly to the Executive Vice President, Operations, this position plans, organizes, directs & operates the Plant Operations Department for Froedtert Hospital, an academic medical center, consistent with statutory requirements and professional practice. Assures compliance with federal, state and local codes and ordinances, as well as JCAHO and other accreditation agencies and all other authorities having jurisdiction.

Qualifications: Bachelor's degree in Engineering required; Master's degree preferred. Will have a minimum 5 years of experience in physical plant operations, with at least 1 of those years in the healthcare setting. Requires a broad understanding of the methods, materials and equipment used by all trades in the construction, maintenance and remodeling of facilities. Must be knowledgeable of applicable codes, guidelines and standards in the healthcare field and have a background in the Life Safety Code and JCAHO Environment of Care guidelines sufficient to provide for a safe and secure environment throughout the institution. Previous leadership experience is preferred. Will demonstrate the ability to plan, set priorities and organize work to obtain maximum output from resources.

Join our leadership team today! Apply online at [careers.froedtert.com](http://careers.froedtert.com).

EOE/Drug-free Workplace.

