

# ILLINOIS MASTER PLUMBER

ILLINOIS ASSOCIATION OF PLUMBING•HEATING•COOLING•CONTRACTORS

Volume 105, No. 11

November 2019



## Christopher Redfern Wins National Plumbing Apprentice Contest

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# PRESIDENT'S THOUGHTS

by Mike Ehret  
Illinois PHCC President

As we approach the upcoming winter months, “fall” has finally arrived in late October and it is predicted the winter wrath will rear its ugly head next week. And, yet another year without a Red October and a trip for our Birds to the World Series. It seems so long ago (2011) when it last happened, but I’ve been lucky to have witnessed the Cardinals make quite a few appearances in my years. Boy are we spoiled in downstate Illinois! Now that the Cards have wrapped up their season, it’s time for us to return to the “Gloria” days and watch some Blues hockey! (No, you’re not alone, my kids don’t think I’m funny either.)

Hopefully everybody that could attend the Southern Illinois Expo & Continuing Education made the event worthwhile as we try to make it sustainable for the coming years. Everyone’s attendance and comments are greatly appreciated, both good and hopefully not a lot of bad!

Here’s hoping everyone can enjoy the upcoming holidays!

Until next time,

Mike



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# IN MEMORY

**Robbie Magruder**, husband of PHCC National Association Vice President of Business Development Elicia Magruder, passed away on October 11th after a short battle with lung cancer. He is survived by his wife Elicia, his children Robbie Jr., Chuck, Erin, Austin, Jenna, Travis.

Graced with natural talent, he worked hard and studied with a number of legendary percussion and drum professionals to perfect his craft. During his illustrious career, he toured and recorded with numerous artists including Roy Buchanan, Mary Chapin Carpenter, Lowen and Navarro and The Seldom Scene. His greatest joy was playing with both veteran and up-and-coming musicians in the D.C. area.

A memorial service was held at the Advent Funeral Home in Falls Church on Friday, October 18. Memorial contributions can be made in Robbie's name to MusiCares. <https://www.grammy.com/musicares/donations>

The Illinois PHCC and Auxiliary extends its sincerest sympathy to Elicia and her family. 🕊️



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**JANUARY 10, 2020**

Illinois PHCC CEU Class  
Heartland College  
Bloomington, IL

**FEBRUARY 21, 2020**

Illinois PHCC CEU Class  
Heartland College  
Bloomington, IL

**MARCH 18-20, 2020**

UAC of PHCC Management Conference  
Drury Lane Conference Center  
Oakbrook Terrace, IL

**MARCH 20, 2020**

Illinois PHCC Expo & Educational Day  
Drury Lane Conference Center  
Oakbrook Terrace, IL

**MARCH 21, 2020**

Illinois PHCC & Auxiliary Board Meetings  
Hilton Suites Hotel  
Oakbrook Terrace, IL

**APRIL 3, 2020**

Illinois PHCC CEU Class  
Heartland College  
Bloomington, IL

**APRIL 17, 2020**

Illinois PHCC CEU Class  
Rend Lake College Marketplace  
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# CODE CHALLENGE

Each month we give you an opportunity to test your knowledge of the Illinois Plumbing License Law, Licensing Code, and Plumbing Code. Correctly answer the following questions and identify the correlating

section number for a chance to win a free Illinois PHCC CEU class registration. Email your answers to bev@ilphcc.com.

1. Under definitions in the Code, Existing Plumbing or Existing Work is "A plumbing system or any part of a plumbing system that has been installed prior to \_\_\_\_\_, \_\_\_\_\_."
2. All main vents or vent stacks shall connect \_\_\_\_\_ at their \_\_\_\_\_ to the building drain or to the main soil or waste pipe at or \_\_\_\_\_, the lowest fixture branch.
3. Vent terminals shall not be used for the purpose of supporting \_\_\_\_\_, \_\_\_\_\_, or similar purposes.
4. **True or False:** The vent pipe opening from a soil or waste pipe, except for water closets or fixtures with an integral trap, shall be below the trap weir.
5. Violators of this Part shall be informed of any violation at the time of inspection, followed by a formal notice in writing, including a deadline date for correction of the violation(s).

## The answers for last month's challenge were:

1. Under definitions in the Code, **Critical Level** is the mark on an atmospheric vacuum breaker established by the manufacturer and stamped "**CL**".
2. Soldered Joints. The joints shall be properly fluxed (**lead free**) and made with approved lead free solder conforming to **ASTM Standard B32, Section 890.320 d)**
3. The size of trap for a fixture shall comply with **Appendix A, Table E** for minimum size of traps. **890.410 c)**
4. Gas and oil interceptors shall have a depth of at least **2 feet** below the invert of the discharge drain. **890.520 d)7)**
5. **Poured concrete** trench drains are prohibited for gas and oil discharges. **Section 890.520 d)9)**

This month's winner was Scott Boone of Carterville, Illinois.



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# PHCC CONNECT 2019: ENERGETIC, EXCITED CROWD... EQUIPPED AND READY TO GO!

## After the Checkered Flag

They may have waved the checkered flag during the closing event at the Indy 500 Speedway – signaling the end of their time in Indianapolis, Indiana – but the more than 900 attendees at PHCCCONNECT2019 returned home excited to start their business engines equipped with valuable takeaways from PHCC's three-day Conference and Product & Technology Showcase.

The importance of keeping up with technology, analyzing data, planning for the future, protecting public health and safety, and maintaining professionalism in the industry resonated repeatedly last week throughout the Westin Indianapolis and Indiana Convention Center, where plumbing, heating and cooling contractors came eager to learn from the experts and share information with their peers during 22 educational opportunities.

Co-located with the 2019 RSES Conference & HVACR Technology Expo, the event – which included more than 140 exhibitors – offered numerous opportunities to learn about new products and practices. The Radiant Professionals Alliance also hosted a special education track on the latest hydronic and radiant heating and cooling technologies. The Connect Opening Session was held on the trade show floor, giving attendees a sneak preview.

With several industry partners conveniently located at the Crossroads of America, PHCC leveraged its time in Indy with a behind-the-scenes look at the Delta Faucet Design Center, where attendees experienced the research and development practices behind Delta's innovative design and technologies. In addition, Chemours offered a tour of its newly opened Training and Technical Support Center.

PHCCCONNECT2019



As testament to Indiana's famous Hoosier Hospitality, PHCC of Indiana welcomed their guests with an inspiring video about how their members work together to better the industry, grow their own businesses and ensure professionalism in all they do. "Local chapters are your teammates and cheerleaders," said one member. Forecasting the next three days at PHCCCONNECT2019, PHCC of Indiana's Brad Isley predicted: "You'll come for a convention, but you'll leave with an experience."

Among those experiences was a PHCC Political Action Committee (PAC) event at the Dallara Indycar Factory, where attendees had the opportunity to sit behind the wheel of a race car simulator, enjoy drinks and dinner, and learn about Dallara's history, the IndyCar design process, vehicle dynamics and more.

## Start Your Engines ... and Don't Let Up on the Gas

Coincidentally, the need for speed inspired by the locale translated inside the conference halls as well. During a packed session on Succession Planning, for example, attendees were encouraged to set their personal feelings aside and "start the conversation now" on their futures, including examining different methods to accurately value their businesses to prepare for the sale or transfer to the next generation.

Weaving throughout many of the sessions was the importance of gathering and analyzing data and the crucial need to keep up with technology. PHCC illustrated that right on site, using online polling for the first time in some sessions at PHCCCONNECT2019, including a panel discussion on unfair utility competition.

During the Opening Breakfast, Bradford White CEO Bruce Carnevale stressed the company's own



**Some Illinois members enjoying the trade show preview.**



**Illinois members (L-R) Matt Erickson, Brian Rich, and Steve Stimson enjoy the PAC event.**

commitment to innovation ... as well as to American manufacturing and industry tradespeople. “Change drives innovation, and innovation drives change,” he said, focusing on key changes in the industry such as BIM, augmented reality, artificial intelligence, green construction, eCommerce, connected products and the Internet of Things (IoT).



**The popular session “Issues of 2nd & 3rd Generation Business Owners” was a panel discussion lead by (L-R) Matt Erikson, C.J. Erickson Plumbing; PHCC Past National President Chip Greene; Brian Rich, G.A. Rich & Sons, and Dave Frame, Bob Frame Plumbing.**

“It’s not all about the products but also about the people in the organization,” Carnevale added. To stay ahead of the change, the PHCC Strategic Partner is putting the finishing touches on a new R&D lab and hiring new people to further expand the company’s business intelligence and IoT capabilities. Carnevale encouraged PHCC members to take advantage of the association’s educational opportunities, bring more professionals into the fold, and leverage opportunities – such as Bradford White’s For the Pro® program – from PHCC partners and other industry manufacturers.

During his Oct. 4 keynote address – “Managing in an Uncertain Economy” – economist Connor Lokar also prompted attendees to “listen to the data points and move from reactive to proactive.” Assessing today’s economic situation, Lokar described it as “bending, but not breaking.” “Things are going to get a little worse before they get better, and it’s going to be scary,” he said. “Don’t panic. Yes, things are going to slow down, but they will get better.”

Lokar guided audience members on how to manage the business cycle to maximize their profits. “It is important to know where you are relative to the general economic trend,” which he predicted will be marked by decelerating growth through the rest of the year before showing growth in 2021. Of note, the participants learned how to use rate-of-change calculations to learn where they are in the

business cycle and how to identify key leading indicators that will steer their business decisions in areas like cash management and inventory control.

### **“I Bring Value to Society. I’m a Plumber.”**

In a patriotic nod, Bo DeAngelo, manager of technical training for Viega, underscored the PHCC Corporate Partner’s commitment to the education and upward mobility of the contractor profession. “PHCC fights for the tradespeople who fought for our country,” he said, comparing the loyalty to that for our country’s veterans, before introducing keynote speaker Richard Trethewey on Oct. 3.

Sharing some stories that he admitted he “couldn’t tell on TV,” Richard Trethewey, a fourth-generation plumber best known from the Emmy Award-winning home improvement show “This Old House,” shared his passion for elevating awareness of the trades and filling the skilled worker gap. “If you have had a great career, a great life, and have something to give back, adopt one kid,” he said of connecting a young person with a job in the trades. “Please celebrate getting kids in the industry.”

Trethewey has worked with “This Old House’s” Generation NEXT program to encourage young people to consider professions in the construction trades. Also, “don’t overlook the veterans,” he told the CONNECT audience. “Find someone with a good work ethic.”

Recognizing that often it is difficult for trained contractors and technicians to explain the technical aspects of plumbing and HVAC to customers, Trethewey offered this advice: “In our industry, we are all very smart yet try to talk down to the consumer. We don’t talk to them... You’re professional business people. Articulate to them that you know what to do.”

### **Hearing is Not Enough**

For service and repair contractors, PHCC’s Quality Service Contractors (QSC) powered an exclusive race-car themed hub – Service Contractors Central – where QSC members huddled for targeted information sessions, networking and even virtual reality games!

A highlight came in the form of a “Hearing is Not Enough: Overcoming Objections and Take Control by Listening” session where representatives from Pointman, a field service management company, engaged contractors to become better listeners to overcome objections from customers and take control. During role-playing sessions, attendees took on the roles of both contractor and homeowner to experiment with a LEAP (Listen. Empathize. Ask. Produce) approach to sales. When trying to make a sale, Pointman’s Tim McGuire advised

it should never be the customer vs. the contractor; it should be the customer and the contractor together vs. the problem.

## **“Hire Character, Teach Plumbing”**

During a “Women, Workforce and Wisdom” breakfast – facilitated by Brenda Dant of PHCC of Indiana – female p-h-c business owners shared their tips for recruiting and retaining women in the skilled trades. “Hire character, teach plumbing,” said Laura Ciriello-Benedict, president of Ciriello Plumbing. “Engage your entire company to find talent,” added Beth Rovazzini of B & W Plumbing and Heating. Elevating the image and importance of the trades again surfaced as key, with several participants urging others to use smart technology as a selling point to the younger generation.

## **Honoring 2019’s Very Best**

PHCCCONNECT2019 also was time for celebration, as the PHCC National Auxiliary kicked off its 100th Anniversary in Indianapolis, commemorating its history of working with PHCC to further the association’s mission to advance the industry and protect the public’s health and safety and the environment. In fact, during the week the Auxiliary shared several videos produced this year to raise awareness about career opportunities for women in the industry.

Together with PHCC and the PHCC Educational Foundation, the Auxiliary hosted an Awards Luncheon on Oct. 4 to honor the best contractors, students and instructors in the industry (click here for a complete list of award winners).

Jim Steinle of Atomic Plumbing & Drain Cleaning in Virginia Beach, Virginia, received PHCC’s prestigious Col. George D. Scott Award. Steinle’s impact on both PHCC and on the dozens of kids who entered the trades due to his passion for the industry made him deserving of this very special award, inspired by PHCC’s first president. “Jim has

brought great honor upon himself, his family, his company, his local, state and National PHCC associations, his local community and our beloved industry,” outgoing PHCC president Ken Nielsen said during the award presentation.

PHCCCONNECT2019 also featured two days of Plumbing and HVAC Apprentice Contest action, with 19 plumbing and 10 HVAC apprentices from across the nation competing for top honors. Following the competition, the PHCC Educational Foundation donated many of the contest materials to the Greater Indy Habitat for Humanity.

## **Now in the Lead**

During the Annual Business Meeting on Oct. 4, Ken Nielsen of AccuAire, Inc., in North Reading, Massachusetts, reflected on his time as PHCC National President. An HVAC contractor himself, Nielsen is proud of the headway PHCC made this past year escalating opportunities in that arena, particularly within PHCC’s new Education and Training Department and with expanding corporate partnerships, most recently welcoming Bradford White as a Strategic Partner and Rheem as an HVAC Corporate Partner.

Now taking over the lead car is Jonathan Moyer of Cocalico Plumbing & Heating in Denver, Pennsylvania. After being sworn in as the 2019-2020 PHCC President, Moyer pledged his commitment to protecting the professionalism of the industry by working to keep licenses intact and ensuring that PHCC helps set crucial standards.

PHCC members elected Joel Long of GSM Services in Gastonia, North Carolina, as their new Vice President. Donning a hard hat to illustrate his commitment to workforce development, Long said he believes that “PHCC has the best opportunity to change the future ... so let’s go make a difference!”

Also at the meeting, PHCC members approved two proposed bylaws: the merger of the PHCC National



**Part of the Illinois delegation at the Awards Luncheon.**



Auxiliary within the PHCC National Association with a designation as an Affiliate; and the addition of a new Business Development Committee, a standing committee that will explore new partnership opportunities and work with staff to secure new partners, sponsors and affinity programs.

## Investing in the Future

Invested in the next generation of industry leaders, the PHCC Educational Foundation and the PHCC National Auxiliary announced scholarship awards totaling \$167,850 this year: the Auxiliary Scholarship Committee awarded \$54,850 to 25 deserving students, and the Foundation and its industry partners awarded \$113,000 to 50 apprentices and college students.

Since their inception, the PHCC Educational Foundation and PHCC National Auxiliary scholarship programs have awarded over \$4.6 million in scholarships to more than 2,370 deserving young men and women across the nation.

Also during the Awards Luncheon, the Foundation announced that it raised more than \$34,000 at PHCCCONNECT2019 toward its Invest in Your Future Campaign. With matching funds from InSinkErator, Ferguson, NIBCO and several other manufacturers, the Foundation surpassed its \$170,000 goal for this year's campaign (up from \$165,000 last year).

New this year, donors were able to link to a mobile-friendly contribution form, with their gifts showing on screen at the luncheon in real time. More than \$23,000 was raised through this mobile giving system ... most of it in just one hour!

## The Last Lap

The final event for Connect '19 was held at the famed Indianapolis Motor Speedway –



home of the Indy 500. Sponsored by Federated Insurance, the event featured the installation of officers, rides around the track (sponsored by NIBCO), an outstanding performance by the Milwaukee Tool Shed Band, and lots of Midwestern food and fun.

## Planning for Dallas

PHCC already is planning to go BIG in Dallas next year ... and you should be, too! Save the date for PHCCCONNECT2020 – Sept. 30 – Oct. 2 in Dallas, Texas – where you can enhance your vision for success.



**Del and Jennifer Embrich of Maryville, Illinois talk with PHCC Zone 3 Director Terry McCarthy in the famed pagoda at the Speedway.**

## PHCCCONNECT2019 Recorded Sessions Coming Soon!

If you missed all or part of PHCCCONNECT2019, PHCC is pleased to announce that – for the first time – recorded sessions will soon be offered through PHCC's Live Learning Center. These sessions are free to full conference registrants or at a discounted rate for PHCC members. Full access will be available soon!



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# 2019 NATIONAL APPRENTICE CONTEST WINNERS ANNOUNCED



The Plumbing-Heating-Cooling Contractors — National Association's (PHCC) Educational Foundation is proud to announce the winners of the national plumbing and HVAC apprentice contests. The contests were held October 2nd & 3rd in Indianapolis, Indiana on the tradeshow floor during the PHCC—National Association's CONNECT 2019 event. A total of nineteen plumbing and ten HVAC apprentices from across the nation took part in the contests.

## HVAC Apprentice Contest Winners



**2019 HVAC Apprentice Contest Winner Kyle Robert Dennis with Foundation Chair Craig Lewis and HVAC Contest Committee Chair Scott Balmer**

- **1st Place:** Kyle Robert Dennis, Pipefitters Local 539/Yale Mechanical in Saint Francis, Minn., Sponsored by the Air Conditioning, Heating, and Refrigeration Institute (AHRI).
- **2nd Place:** Nicholas S. Cruz, UA Local 393/Pacific Coast Trane in San Jose, Calif., Sponsored by Emerson.
- **3rd Place:** David Wark, Lee Company in Pulaski, Tenn., Sponsored by Rheem.

## Plumbing Apprentice Contest Winners

- **1st Place:** Christopher Redfern, Plumbers and Pipefitters Local 553 in Staunton, Ill., Sponsored by RIDGID.
- **2nd Place:** Mark Morcos, Eastwick College of HoHoKus Trade School in Bushkill, Pa., Sponsored by Tyler Pipe.
- **3rd Place:** Carter M. Hagen, UA, Local 25 in Davenport, IA, Sponsored by the International Association of Plumbing and Mechanical Officials (IAPMO).

The HVAC competitors were required to complete a written test, demonstrate proper brazing techniques and perform a hands-on diagnostic on an HVAC package unit, with system errors created by the Foundation's contractor volunteers for the competition. The competitors also had to perform a pressure and leak test, demonstrate proper refrigerant recovery procedures and the ability to accurately take a variety of instrument readings.

The plumbing apprentices were required to rough-in a bathroom system. The set-up includes a toilet, lavatory and shower, complete with supply, waste and vent lines, plus cleanouts and extra features designed to test the contestants' knowledge and skills. The test set-up includes a variety of pipe materials — cast iron, copper, PVC and PEX, and corresponding joining methods.





**2019 Plumbing Apprentice Contest Winner Christopher Redfern with Foundation Chair Craig Lewis and Plumbing Contest Committee Chair Jim Steinle.**

A dedicated team of contractor volunteers arrived two days before the competitions to assemble the competitor test benches, distribute the materials and supplies and setup the testing areas. They monitor the competitions, evaluate the apprentices' work and provide constructive feedback on each competitor's performance following the event.

The contests are made possible by the generous support of several industry sponsors who provide monetary support and in-kind material and tool donations. Sponsors for the 2019 competition include, with headline sponsors appearing in bold: AB&I Foundry; AHRI; **A.O. Smith; Bradford White Corp.; BrassCraft Manufacturing Co.; Chemours, Copper Development Association, Inc.; Delta Faucet Co.; Emerson; IAPMO, Kohler Company; Mechanical Hub Media; Milwaukee Tool; North American Technician Excellence (NATE); NIBCO INC.; Oatey; PHCC-National Auxiliary, Reed Manufacturing Co.; Rheem; RIDGID; State Water Heaters; Tyler Pipe & Coupling; Viega, LLC; and Zoeller Pump Company.**

Milwaukee Tool made a major contribution to the Apprentice Contests this year by donating most of the

tools needed by the contestants for the competition. This gift allowed the competitors to skip the trouble of shipping their own tools and to go home with a new set of tools to power their work long after the competition ends.

"I'm proud that we can present this opportunity for the apprentices to show off their skills," reports Foundation Chair Craig Lewis. "The contests give these participants a chance to get away from home, be a part of a national event and see that how much support all of us in the industry are putting behind their success. It can be the experience of a lifetime. I am so thankful for the sponsors and the hard work put in by our volunteer committee members and staff in pulling it all together in a new exhibit hall every year."



**The PHCC Educational Foundation is a 501(c)(3) non-profit established in December 1986 by PHCC members with the goal of helping their fellow contractors be more successful through education and professional training. These contractors believed and still believe that by helping their friends and their competitors, the whole profession benefits.**

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# CELEBRATING THE BEST OF 2019 – AWARDS AND RECOGNITION

CONNECT 2019 was an opportunity to celebrate the very best contractors, apprentices, auxiliary members, association executives and students. To illustrate PHCC's faith in the future as we continue to collaborate for the success of our association and our industry, several award winners were recognized:

## PHCC-National Association Awards

- **Colonel George D. Scott Award** – James S. Steinle; owner of Atomic Plumbing Heating and Electrical Corporation; Virginia Beach, Virginia
- **PHCC/Delta Apprentice of the Year** – Eduardo Flores Jr.; PHCC of Los Angeles; Los Angeles, California
- **PHCC/Delta Plumbing Contractor of the Year** – Laura Ciriello-Benedict; Ciriello Plumbing; Beech Grove, Indiana
- **PHCC HVAC Contractor of the Year** – Todd and Ryan Kletz; Classic Air One Hour Heating and Air Conditioning, Virginia Beach; Virginia
- **Federated Insurance's "Safety First!" Contractor of the Year Award** – Frank Bonetti Plumbing Inc.; Castro Valley, California
- **Plumbing Instructor of the Year** – Ken Midgett; Lehigh Career and Technical Institute; Coopersburg, Pennsylvania
- **HVAC Instructor of the Year** – Tony DeSantis; PHCC of Greater Los Angeles; Burbank, California

## Plumbing Apprentice Contest Winners

- **1st Place** – Christopher Redfern; Staunton, Illinois; Plumbers and Pipefitters Local 553



**2019 Plumbing Apprentice Contest Winner Chris Redfern, of Staunton, Illinois is pictured with Brad Best of Local 533, and Midwest Illinois Mechanical Contractors Association Executive Director Barb Miller.**

- **2nd Place** – Mark Morcos; Bushkill, Pennsylvania; Eastwick College of HoHoKus Trade School
- **3rd Place** – Carter M. Hagen; Davenport, Iowa; UA Local 25

## HVAC Apprentice Contest Winners

- **1st Place** – Kyle Robert Dennis; Pipefitters Local 539/Yale Mechanical; Saint Francis, Minnesota
- **2nd Place** – Nicholas S. Cruz; UA Local 393/Pacific Coast Trane; San Jose, California
- **3rd Place** – David Wark; Lee Company; Pulaski, Tennessee

### AEC Spectrum Award

- **Spectrum Award** – Ellen Whitaker; PHCC of Georgia

### AEC Communications Awards

- **Apprentice Materials** – PHCC of Iowa
- **Convention/Events** – PHCC of Illinois
- **Magazine** – PHCC of California
- **Membership Packet** – PHCC of Indiana
- **Newsletter/E-Newsletter** – PHCC of Tennessee
- **Social Media** – Plumbing Industry Council of St. Louis
- **Website** – PHCC of California

### Legislative Service Awards

- **Legislative Service** – PHCC of Iowa & PHCC of Missouri
- **Grassroots** – PHCC of Ohio

### Auxiliary Awards

- **Auxiliary 3-D Award** – Barbara Kreifels
- **Auxiliary Honorary Life Member** – Dale Powell, Copper Development
- **Larry Dore Auxiliary Member of the Year** – Barbara Kreifels
- **Robert M. Cox Humanitarian Awards**
- **Image 1st Place** – PHCC Auxiliary of Illinois & PHCC Auxiliary of Lincoln



Accepting their award are Illinois Auxiliary members (L-R) Parliamentarian Bev Potts, Treasurer Becky Davis, Vice President Cathy McCarthy, and President Gail McWilliams.

- **Image 2nd Place** – PHCC Auxiliary of Baton Rouge & PHCC Auxiliary of Nebraska
- **Image 3rd Place** – PHCC Auxiliary of Washington state
- **Recruitment 1st Place** – PHCC Auxiliary of Delaware



## PHCC CONNECT 2019 PHOTOS







## PLUMBING CODE BOOK ORDER FORM

**PLEASE FILL OUT FORM COMPLETELY.  
WE WILL USE THIS INFORMATION TO PROVIDE YOU WITH UPDATES ELECTRONICALLY.**

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Street Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Email: \_\_\_\_\_

Phone: \_\_\_\_\_

### **Cost \$60.95/Code Book**

(includes tabs, Plumbing License Law, Plumbers Licensing Code,  
Plumbing Contractor Registration Code and  
Lawn Irrigation Contractor & Lawn Sprinkler Code)

# \_\_\_\_\_ of code book(s) X \$60.95

**Total amount enclosed \$ \_\_\_\_\_**

**Mail form with payment to:**

**Illinois PHCC  
821 South Grand Avenue, West  
Springfield, IL 62704**

**Make checks payable to the Illinois PHCC.**

**There will be a \$40.00 service charge for any checks returned due to insufficient funds.**

**Questions? Contact the Illinois PHCC at [bev@ilphcc.com](mailto:bev@ilphcc.com) or [shelly@ilphcc.com](mailto:shelly@ilphcc.com)**

**(217) 522-7219**



## 2019-2020 Continuing Education for ALL Illinois Licensed Plumbers

<u>Date/Time</u>	<u>Location</u>	<u>Fee</u>
<input type="checkbox"/> **September 27, 2019 – 1:00 pm-5:00 pm	John A. Logan College, Carterville, IL	\$50.00
<input type="checkbox"/> **September 28, 2019 – 8:00 am-12:00 pm	Holiday Inn Express, Vandalia, IL	\$50.00
<input type="checkbox"/> **November 1, 2019 – 9:00 am-1:00 pm	Gateway Center, Collinsville, IL	\$35.00

**No Walkins – No Exceptions for the November 1 class - All Registrations for the November 1 class must be received before October 21, 2019**

<input type="checkbox"/> **January 10, 2020 – 1:00 pm-5:00 pm	*Heartland College, Bloomington/Normal, IL	\$50.00
<input type="checkbox"/> **February 21, 2020 – 1:00 pm-5:00pm	*Heartland College, Bloomington/Normal, IL	\$50.00
<input type="checkbox"/> **March 20, 2020 - 9:00 am -1:00pm	Drury Lane, Oakbrook Terrace, IL	\$35.00

**No Walkins – No Exceptions. All Registrations for the March 20 class must be received before March 1, 2020**

<input type="checkbox"/> **April 3, 2020 – 1:00 pm-5:00 pm	*Heartland College, Bloomington/Normal, IL	\$75.00
<input type="checkbox"/> **April 17, 2020 - 1:00 pm-5:00 pm	Rend Lake College Marketplace, Mt. Vernon, IL	\$50.00

**\*\*Also count as State hours for Certified Plumbing Inspectors**

**Please check the session you will be attending. TOTAL AMOUNT ENCLOSED \$ \_\_\_\_\_**

### **Fee must accompany application.**

Sponsored by the Illinois PHCC

IDPH Sponsor # 750-002

Course # 750-002-C1 & 750-006-C1

\*Co-Sponsored by SIUE-ERTC

IDPH Sponsor # 750-035

Course # 750-035-C1

### **4 Credit Hours**

To register, complete this form by checking the location you will attend,  
**provide your complete address, make checks payable to Illinois PHCC and mail to**  
**Illinois PHCC ♦ 821 South Grand Avenue, West ♦ Springfield, Illinois 62704**  
Phone (217) 522-7219

Name: \_\_\_\_\_ License # **058-** \_\_\_\_\_

Address: \_\_\_\_\_

City/State: \_\_\_\_\_ Zip \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email address: \_\_\_\_\_

### **IMPORTANT:**

**You MUST bring your Plumbers License with you to the program. Please arrive no later than 30 minutes prior to complete the registration process. Directions are available on our website at [www.ilphcc.com](http://www.ilphcc.com)**

**Cancellation Policy: IL PHCC reserves the right to cancel a course due to insufficient enrollment. If we cancel a course, you will be notified and your pre-registration will be refunded to you or you may transfer to another location.**

**There is no refund for any registration not cancelled (10) working days prior to the class. Cancellations made prior to (10) working days will be charged a \$15.00 cancellation fee. There will be a \$50.00 service charge for any checks returned due to insufficient funds.**

***In compliance with the Americans with Disabilities Act of 1990, the Illinois PHCC Association will make all reasonable efforts to accommodate persons with disabilities at its meetings. Please call 217-522-7219 with any special requests.***

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<sup>1</sup>Check with local utility providers for details.



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# OSHA News

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## Understanding OSHA Inspections

A new video at <https://www.youtube.com/watch?v=HA6bixDzeLY> explains the OSHA inspection process and how the agency is helping to protect workers from workplace hazards.

## DOL Requests Information On OSHA Online Outreach Training

The U.S. Department of Labor's Occupational Safety and Health Administration (OSHA) has issued a Request for Information (RFI) to consider Online Outreach Training Program Consortia, a new model to administer online classes for the Outreach Training Program.

The consortia would consist of three or four collaborators. A three-collaborator consortium would include OSHA, an OSHA Training Institute (OTI) Education Center, and an online provider. Four-collaborator consortia would add a stakeholder organization that is interested in developing and offering online outreach training to only their members (e.g. labor unions, associations, or employers). Each consortium member would have specific responsibilities under a formal consortium agreement.

OSHA is requesting information and comment on the proposed model, including:

- Modifying the current model for online delivery of outreach training;
- Scope of online offerings;

- Offerings in other languages;
- Roles and responsibilities of consortium members;
- Consortium agreement requirements;
- Validating online curriculum and training content; and
- Ensuring program management and strengthening program oversight.

OSHA will use the information collected to assess whether the new model would address issues associated with the existing online model.

Comments and materials may be submitted electronically at <http://www.regulations.gov>, the Federal e-Rulemaking Portal, or by facsimile or mail. See the Federal Register notice for submission details.

Under the Occupational Safety and Health Act of 1970, employers are responsible for providing safe and healthful workplaces for their employees. OSHA's role is to help ensure these conditions for America's working men and women by setting and enforcing standards, and providing training, education and assistance. For more information, visit [www.osha.gov](http://www.osha.gov).





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- |  |  |   |
|--|--|---|
| - Peoria, IL. 61615<br>1209 W. Pioneer Parkway<br>PH: 309-693-7229 | - Bloomington, IL<br>413 E. Oakland Ave.<br>PH: 309-828-000              | - Quincy, IL 62301<br>1328 Seminary Rd.<br>PH: 217-228-7898                   |
| - Macomb, IL 61455<br>433 N. Campbell<br>PH: 309-833-2148          | - Galesburg, IL 61401<br>2315 Grand Ave.<br>PH: 309-342-7000             | - Collinsville, IL 62234<br>#3 Business Center Court<br>PH: 618-344-9200      |
| - Kankakee, IL 60901<br>1600 Grinnell Road<br>PH: 815-933-6688     | - McHenry, IL 60051<br>3918 N. Richmond Road<br>PH: 815-385-4404         | - Decatur, IL 62526<br>3130 N. Grand Prix Dr.<br>PH: 217-875-5626             |
| - Urbana, IL 61801<br>1900 N. Lincoln Ave.<br>PH: 217-367-7601     | - Danville, IL 61832<br>520 E. Fairchild<br>PH: 217-446-1818             | - Marion, IL 62959<br>801 Skyline Dr.<br>PH: 618-993-1031                     |
| - Peru, IL 61354<br>3 Terminal Road<br>PH: 815-224-1205            | - Rockford, IL 61109<br>3537 Merchandise Dr.<br>PH: 815-874-1515         | - Jacksonville, IL 62650<br>630 Brooklyn Ave.<br>PH: 217-243-3411             |
| - Sugar Grove, IL 60554<br>694 Heartland Dr.<br>PH: 630-466-3284   | - Terre Haute, IN 47802<br>2800 S. State Road 63<br>PH: 812-232-3333     | - Freeport, IL 61032<br>1201 W. Galena Ave<br>PH: 815-235-7789                |
| - Moline, IL 61265<br>4200 46th Ave.<br>PH: 309-797-3715           | - Lafayette, IN 47905<br>851 Farabee Court<br>PH: 765-448-4553           | - St. Louis, MO 63146<br>2374 Grissom Dr<br>PH: 314-994-9799                  |
| - Springfield, IL 62703<br>1400 South 9th St.<br>PH: 217-544-9612  | - Frankfort, IN 46041<br>1599 McKinley Ave<br>PH: 765-659-5780           | - Comfort Supply<br>Peoria, IL 61603<br>2800 NE Adams St.<br>PH: 309-688-4407 |
| - Mattoon, IL 61938<br>1421 Old State Road<br>PH: 217-235-4328     | - Crawfordsville, IN 47933<br>2300 Indianapolis Road<br>PH: 765-362-0481 |   |







## Are you ready for 2019-2020 CEU Classes?

This year we are offering **THREE** different options for your **4-hour CEU Credits**.

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### BACKFLOW REPAIR COURSE

This course is focused on refreshing the Cross Connection Tester on testing procedures as well as hands on repairs for approved assemblies for the state of Illinois. During this class we will be going over our NEW mechanical wall, show you how water pressure fluctuations affect backflow assemblies, how to remedy the situation and be able to see it in a live setting. Also new this year is the Flood Control Integrated System by Wilkins; this system can be designed to shut off a specific water line when a backflow goes into a full dump situation.

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### **NEW!!** LARGE BACKFLOW REPAIR (SMALL GROUP) – Max 12 attendees per class

Small group backflow repair class. Classes will consist of 3 individual groups working with an individual instructor to do hands on testing, diagnosis, and repair of large backflow assemblies only. The repair class will involve repairing of the following backflow assemblies:

- 4" Febco 825YD
- 3" Watts 009
- 4" Wilkins 375AST
- 4" Ames 4000SS
- 8" Ames Maxim 400
- 3" Watts 909

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### **NEW!!** IRRIGATION CONTACTOR CEU CLASS – Max 22 attendees per class

This class will consist of code review for Illinois EPA, Illinois Department of Public Health, correct backflow installations for small valve irrigation systems, and repair of the following small backflow assemblies:

- 1" Wilkins 375 and 975XLU
- 1" Febco 860U and 825YA
- 1" Watts U009

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**Location:** Test Gauge, Inc. | 1051 E Main St, Unit 107 | East Dundee, IL 60118

**Toll Free:** (866) 836-8692 | **Local:** (847) 836-8690 | **Email:** [salesgroup@testgauge.net](mailto:salesgroup@testgauge.net)



Register today at  
[www.shopbackflow.com/il/training](http://www.shopbackflow.com/il/training)

