

# ILLINOIS MASTER PLUMBER

ILLINOIS ASSOCIATION OF PLUMBING-HEATING-COOLING-CONTRACTORS

Volume 99, No. 2

February 2013

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# PRESIDENT'S THOUGHTS

by Tammy Rich Stimson  
Illinois PHCC President

Illinois Weather – Don't you just love it! I don't know about you but I'm tired of this weather roller coaster. One day we are enjoying 60-70 degree weather, and the next day we are holding onto our hats and trying to survive below zero wind chills. Well I sure hope you are doing better with your New Year's Resolution than I am. I believe my desk has only accumulated more paper not gotten rid of it, so much for organizing my office.

So, January has come and gone and the Stimson household is still hoping for snow. If it has to be cold, we may as well have something fun to do. We need at least one big snow so we can have our famous Rich/Stimson sledding party featuring chili, hot chocolate and loads of fun! Well Ashton's busy volleyball schedule and her team's hard work have paid off. They took home the first place trophy at the January tournament. Steve and I really enjoy watching her play. Trey had his first basketball game and it ended in a 10-10 tie. They did a great job. It is so much fun watching kids at that age learn and develop in sports.

Who can tell me what the cover of last month's magazine looked like? If you don't remember, let me refresh your memory. January's cover highlighted the upcoming Illinois PHCC Expo. This month, instead of focusing on a member benefit I would like to focus on the Expo. If you haven't already, mark your calendars for Friday, March 22, 2013 and plan on driving to the Drury Lane Conference Center in Oakbrook Terrace. The show floor space is sold out and will feature over 160 booths. Whether you are a plumber, business owner, supplier, inspector or engineer, the Expo has something for you. You will have the opportunity to learn about new products and technologies. It was at last year's show that our company spoke with the representatives of Fleetmatics, was able to see their software first hand by watching a live demo using another contractor's fleet, and decided to purchase Fleetmatics for ourselves. Many manufacturers will be present as well. I like the opportunity to meet the reps and put a face with a name. Many times we speak to these men and women for years and never have the chance to meet with them face to

face. It's a great time to network. Whether you want to see the latest pumps, faucets, trucks, or tools for the trade, it's all on display at the Expo. The Expo will run from noon until 5pm. After seeing all that you can see, give your feet a break and join us at the After Expo Reception featuring FREE food, fun and prizes.

Are you one of those procrastinators? Still need your 4 hours of continuing education for your 2013 license renewal? Good news, there's still time to register for the class being held the morning of the show, but don't wait a minute longer, March 12th is the drop dead date to register. Pre-registration is required – no walk-ins. This year's class will run from 9-1 and should prove to be very interesting. The Plumbing Manufacturers International (PMI) will be doing a presentation on the new lead free rules that become effective January 4, 2014. The Sewage & Sump Pump Manufacturers Association (SSPMA) will be doing a section on sewage pump sizing. The rest of the program will be taught by the Illinois Department of Public Health Plumbing Program and will cover code, regulatory & program updates. During the same time frame, there will also be a Certified Inspectors exam. This class also requires pre-registration. Both applications can be found in this month's magazine. Come for the class, stay for the day!

The IL PHCC Auxiliary will once again be selling the ever popular "License Law" t-shirts. Stop by and check them out! The Auxiliary does a fabulous job supporting and promoting the IL PHCC Association and the Industry! Thanks Auxiliary for all you do!!

Just a reminder - new legislative directories are set to be printed and mailed to all members this month, and the first legislative update will be out soon.

As always, I look forward to meeting many of you at functions across the state during the remainder of my term. I will certainly be present and floating around at the Expo in March. Feel free to introduce yourself. Stay tuned for next month's topic. May your business, career & personal lives be blessed. Attend the church of your choice.

'Til we meet again.

Tammy







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- Our Urbana locations combined. It is now under Urbana Connor Location.

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# ***IN MEMORY***

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**Tony DiVito**, a longtime friend of the plumbing industry and PHCC, passed away on January 2, 2013. Tony, also known as the “goodwill ambassador”, was a regular attendee and participant at industry events such as golf outings, product shows, and contractor meetings. He will be greatly missed by his many friends in the industry.

A funeral mass was held on January 5th at the Queen of Heaven Church with interment at Queen of Heaven Cemetery in Hillside. Memorials may be made to Immaculate Conception High School, 217 S. Cottage Hill Ave., Elmhurst, IL 60162.

The Illinois PHCC extends its sympathy to the DiVito family. 

## **CALENDAR OF EVENTS**

### **FEBRUARY 22, 2013**

IL PHCC Continuing Education Class  
Heartland Community College  
Normal, IL

### **MARCH 13-16, 2013**

Quality Service Contractors (QSC)  
Power Meeting  
San Diego, CA

### **MARCH 19, 2013**

IMSCA Lobby Day  
Springfield, IL

### **MARCH 22, 2013**

Illinois PHCC Expo & Educational Day  
CEU Class & Tradeshow  
Oakbrook Terrace, IL

### **MARCH 23, 2013**

Illinois PHCC & Auxiliary Board Meetings  
Oakbrook Terrace, IL

### **APRIL 26, 2013**

IL PHCC Continuing Education Class  
Heartland Community College  
Normal, IL

### **MAY 22-23, 2013**

PHCC National Legislative Conference  
Arlington, VA

### **JUNE 14, 2013**

IL PHCC Continuing Education Class  
Marriott Hotel  
Normal, IL

### **JUNE 13-15, 2013**

Illinois PHCC Convention  
Marriott Hotel  
Normal, IL

### **JUNE 26-28, 2013**

Union Affiliated Contractors (UAC)  
Unity Conference  
Kohler, WI

### **OCTOBER 16-18, 2013**


PHCC National Convention  
Las Vegas, NV



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## *Renewal Time – Don't Delay!!*

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It is now the time of year for all Illinois licensed plumbers and apprentices to renew their licenses. If you have not received your renewal form, you soon will. The IDPH Plumbing Program encourages you to renew online if possible. **As soon as you receive notification from the IDPH, please renew immediately.** Do not wait until April to renew! If you do not have your continuing education credit completed for this year, see the forms in this issue of the magazine to sign up for a class. 

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## *What's Wrong With This Picture?*


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Is there an Illinois Plumbing Code violation in the cover photo of this month's issue? Let us know what is wrong, or if there is no violation. Fax or email

your answer to the Illinois PHCC at the address inside the front cover of the magazine.

Correct entries will be placed in a drawing to receive an Illinois PHCC logo item. All monthly winners will have their names placed in a drawing for a free registration to the 2013 Illinois PHCC Convention in Normal, Illinois.

Please contact the Illinois PHCC with any questions or comments regarding the contest. 

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## *Plumbing License Number Must Be On Advertising*

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Recently we received an example of an advertisement from one of our members. They had just completed a mailing to current and potential customers. While it was a very nice piece, it lacked a very important component – their plumbing license number!

The Illinois Plumbing License Law (225 ILCS 320/5 (b)) states “No person who provides plumbing services may advertise those services unless that person includes in the advertisement the license number that is required to be displayed under subsection (a). Subsection (a) requires that “Persons who advertise plumbing services shall, at their place of business, display the licensed plumber’s license of at least one member of the firm, partnership or officer of the corporation” (the plumber of record). “The number of the license so displayed shall also be included with the plumbing identification on vehicles”. The Illinois Department of Public Health Plumbing Program also accepts the Plumbing Contractor Registration number (beginning with 055) on advertisements.

Including the license number on your advertising is not only the law, but it helps consumers distinguish the “real” plumbers from unlicensed people who are not qualified to do plumbing.

As you plan your future advertising campaigns make sure to include your license number on things such as flyers, newsletters, business cards, yellow page and internet ads, email blasts, and newspaper ads.





# *Illinois PHCC Expo & Educational Day*

*Friday, March 22, 2013  
Drury Lane Conference Center  
100 Drury Lane  
Oakbrook Terrace, IL 60181*

*9 AM – 1 PM Continuing Education Class  
Noon – 5 PM EXPO Trade Show*

Friday, March 22<sup>nd</sup> will provide you with a great opportunity to view new products, talk to manufacturers, learn new technologies, attend seminars, network with other plumbers and contractors, and also have some fun. If you have not yet gotten your required **4 hours of continuing education credit for your 2013 license renewal**, now is the time. All of the day's activities are free of charge, with the exception of a \$30.00 fee for the 4 hour CEU class. **You must bring your plumbing license with you to the class. Pre-registration is required for the CEU class.**

The **highlight of the day** will be the annual **Illinois PHCC trade show from 12:00 – 5:00 PM**. Come see over 160 booths of the **latest products, tools, trucks and technologies**. Admittance to the 2013 **Expo is free of charge**. After a busy day of education and visiting the Expo, relax and unwind at the **Illinois PHCC sponsored "After Expo" Reception**.

A block of **rooms** has been reserved at the Hilton Suites at a **special Expo rate** of \$129.00 single or double occupancy plus tax. Remember that all rooms are 2 room suites that include a full breakfast buffet; upon check-in please inform the front desk of how many people are staying in your room. Hotel reservations can be made by calling the **Hilton Suites at 1-630-941-0100**. Be sure to mention the Illinois PHCC to get the special rate.

Illinois PHCC  
821 S. Grand Ave., West  
Springfield, IL 62704

[www.ilphcc.com](http://www.ilphcc.com)



**Questions??? Call (217) 522-7219**



*Illinois PHCC Educational Day  
March 22, 2013  
9:00 AM to 1:00 PM – CEU Class  
Drury Lane Conference Center  
100 Drury Lane  
Oakbrook Terrace, IL 60181*

**You MUST bring your Plumbers License with you to the class. Please arrive at least 30 minutes prior to the start time to complete registration.**

**All registrations MUST be received before March 12, 2013.  
NO WALK-INS will be accepted for the CEU class.**

**Additional parking is available in the parking deck.**

**Name:** \_\_\_\_\_ **License #:** \_\_\_\_\_

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

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

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

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

**Mail registration form with complete address and \$30.00 fee to:**

**Illinois PHCC  
821 South Grand Ave., West  
Springfield, IL 62704**

**Make check payable to the Illinois PHCC**

**Registrations will not be processed unless accompanied by the fee.**

*www.ilphcc.com*



**Questions??? Call (217) 522-7219**

**Remember the Expo runs from 12:00 to 5:00 PM and is FREE!**

# Certified Inspector Exam to be Given at 2013 Expo

The Illinois Department of Public Health Plumbing Program will be conducting an examination for Certified Plumbing Inspectors on Friday, March 22nd at the Drury Lane Conference Center in Oakbrook Terrace, Illinois. The exam will be held in conjunction with the Illinois PHCC Expo and Educational Day. Applications for examination must be received by the IDPH **30 days prior to the test date**. Complete the application and return it to the IDPH, Office of Health Protection, Plumbing Program at 525 W. Jefferson St., Springfield, Illinois, 62761. Call 217-524-0791 with any questions regarding the exam.



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**ILLINOIS DEPARTMENT OF PUBLIC HEALTH  
OFFICE OF HEALTH PROTECTION  
PLUMBING PROGRAM  
525 W. Jefferson St, 3<sup>rd</sup> Floor  
SPRINGFIELD, IL 62761**

**ATTACH RECENT  
1" X 1"  
HEAD AND SHOULDERS  
PHOTOGRAPH  
OF APPLICANT**

**FOR OFFICIAL USE  
Years Accumulated  
Approved  
Disapproved  
By  
Date**

**APPLICATION FOR EXAMINATION FOR CERTIFICATION OF PLUMBING INSPECTORS  
(due 30 days prior to date of examination)**

Last Name	First Name	Middle Name
-----------	------------	-------------

Street Address	City
----------------	------

State	ZIP Code	County
-------	----------	--------

Telephone - Office \_\_\_\_\_  
(Area Code)

Home \_\_\_\_\_  
(Area Code)

Date of Birth	Place of Birth _____ (geographic location of birth)
---------------	---

United States Citizen ____ Yes ____ No	If "no", date eligible for citizenship is _____
---	---

High School Graduate ____ Yes ____ No	If "no", applicant must submit documented evidence of completion of a two-year course of study in a high school or an equivalent course of study.
--	---

Applicant's State of Illinois plumber's license number is 058-\_\_\_\_\_.

- or -

Applicant's City of Chicago Plumber's license number is PL\_\_\_\_\_.

If you are a City of Chicago licensed plumber you must provide the date you were first licensed as a plumber \_\_\_\_\_.

**YOU MUST ATTACH A COPY OF YOUR PLUMBER'S LICENSE TO THIS APPLICATION.**

**NOTE: (Section 750.710 b) of the "Plumber's Licensing Code" requires an applicant to have been an Illinois licensed plumber for at least seven years preceding the date of this application. It is up to the applicant to make sure he/she meets this requirement.**

**List the seven or more years that you have been employed as a licensed plumber. Include the complete name and address of the entity (for example, government agency, business, etc.) you were employed as a plumbing inspector.**

20____	
20____	
20____	
20____	
20____	
20____	
20____	

\_\_\_\_\_  
(Signature of Applicant)

\_\_\_\_\_  
(Date Signed)

**FEES:**

**APPLICATION FEE FOR ILLINOIS CERTIFICATION OF PLUMBING INSPECTORS IS \$100.00. ALL FEES ARE NON-REFUNDABLE.**

**COPIES OF LICENSES:**

**YOU MUST ATTACH A COPY OF YOUR CURRENT VALID PLUMBERS LICENSE.**

**DO NOT SEND CASH!**

**Attach a check or money order, payable to the Illinois Department of Public Health.**





## 2012-2013 Continuing Education for Illinois Licensed Plumbers

<u>Date/Time</u>	<u>Location</u>	<u>Fee</u>
<input type="checkbox"/> **October 26, 2012- 1:00pm-5:00pm	Rend Lake Resort, Whittington, IL	\$50.00
<input type="checkbox"/> **December 7, 2012- 1:00pm-5:00pm	John A. Logan College, Carterville, IL	\$50.00
<input type="checkbox"/> January 4, 2013 <input type="checkbox"/> 1:00pm-5:00 pm	Heartland College, Bloomington/Normal, IL	\$50.00
<input type="checkbox"/> February 22, 2013 <input type="checkbox"/> 1:00pm-5:00pm	Heartland College, Bloomington/Normal, IL	\$50.00
<input type="checkbox"/> **March 1, 2013 - 1:00pm-5:00pm	Rend Lake Resort, Whittington, IL	\$50.00
<input type="checkbox"/> **March 22, 2013 - 9:00 am -1:00pm	Drury Lane, Oakbrook Terrace, IL	\$30.00
<b>No Walkins <input type="checkbox"/> No Exceptions. All Registrations for the March 22 class must be received before March 12, 2013</b>		
<input type="checkbox"/> April 26, 2013 - 1:00pm-5:00 pm	Heartland College, Bloomington/Normal, IL	\$50.00
<input type="checkbox"/> June 14, 2013 <input type="checkbox"/> 8:00am-Noon	Marriott Hotel, Bloomington/Normal, IL	\$50.00

**\*\*State hours for Certified Plumbing Inspectors  
Please check the session you will be attending.**

**TOTAL AMOUNT ENCLOSED \$ \_\_\_\_\_**

### Fee must accompany application.

Co-Sponsored by the Illinois PHCC  
Co-Sponsored by SIUE-ERTC

IDPH Sponsor # 750-002  
IDPH Sponsor # 750-035

Course # 750-002-C1 & 750-006-C1  
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 (5) working days prior to the workshop. There will be a \$25.00 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.*

---

# NEWS FROM PHCC NATIONAL

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## **EPA SAYS “DO NOT DISTURB” WITHOUT CERTIFICATION**

The Environmental Protection Agency is ramping up its enforcement of the Lead: Renovation, Repair and Painting Rule (LRRP). Beginning Jan. 9, the EPA mailed postcards to uncertified contractors in target areas, reminding them of the lead-safe certification required to perform renovation work in homes, schools and day care centers built before 1978.

Be sure to check out the EPA-certified training options and additional information at [www.epa.gov/lead](http://www.epa.gov/lead). In the meantime, PHCC continues to work with the EPA on an advanced rule that would expand the certification requirements to public and commercial buildings.

## **POSITIVE REMODELING FORECAST FOR 2013**

An increase in homeowner security is translating into a significant growth in remodeling activity, a recent National Association of the Remodeling Industry survey indicates. The NARI fourth-quarter Remodeling Business Pulse data of current and future remodeling business conditions has experienced significant growth across all indicators, with forecasting in the next three months hitting its all-time highest level. The significantly positive results have a lot to do with homeowner security, remodelers say.

## **VIRTUAL UNIVERSITY OFFERS EPA SECTION 608 COURSE**

This 10-hour refrigerant certification course for technicians provides a thorough introduction to the concepts, laws, and processes related to air conditioning systems. PHCC members receive a 10 percent discount on all Virtual University courses by entering the code “mem10” at checkout. Visit [www.phccweb.org](http://www.phccweb.org) and visit the Contractor section for more details and to register.

## **PHCC TO CO-CONVENE FOURTH INTERNATIONAL EMERGING TECHNOLOGY**

## **SYMPOSIUM IN 2014**

The PHCC National Association is one of eight leading plumbing and mechanical groups that will serve as co-conveners of the 2014 International Emerging Technology Symposium (ETS), to be held April 23-24, 2014, at the Crystal Gateway Marriott in Arlington, Va.

“We are very honored to have been invited by the symposium’s founding organizations, IAPMO and the World Plumbing Council, to step up our involvement in this comprehensive and informative event,” said PHCC National Association President David Dugger. “PHCC has been a proud sponsor of the symposium since its inception in 2008. We look forward to our increased participation in this important industry forum.”

## **FERGUSON CELEBRATES WITH A GIFT TO INDUSTRY**

Ferguson, a major supplier to the p-h-c industry, celebrated the end of 2012 with a gift that will support industry education year round. The company has made a significant contribution to support the PHCC Educational Foundation’s 2012 Invest in Your Future Annual Giving Campaign. This is the eighth consecutive year that Ferguson has made a major gift to the Foundation’s annual fundraising campaign.

They have been a major supporter of the PHCC Educational Foundation for over twenty years and a Corporate Founder level donor to the Foundation’s endowment fund. Combined past and present contributions from Ferguson now total more than \$205,000 in support of industry education.

The campaign fundraising goal for 2013 is \$145,000 in gifts to support the Foundation’s mission of providing quality business management and technical education programs to contractors and their employees. A portion of the proceeds also supports the PHCC National Auxiliary Scholarship Program. InSinkErator also provides matching contributions for the fundraiser.





# IMSCA

Illinois Mechanical & Specialty Contractors Association

## IMSCA Lobby Day Registration Form

**TUESDAY MARCH 19, 2013**  
**THE STATEHOUSE INN**  
**101 EAST ADAMS STREET**  
**SPRINGFIELD, IL 62701**

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**Deadline to Register is MARCH 8, 2013**

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

Company: \_\_\_\_\_ Phone/Email: \_\_\_\_\_

Association: \_\_\_\_\_

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# GET THE LEAD OUT PLUMBING CONSORTIUM CONDUCTS EDUCATIONAL WEBINAR

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The Get The Lead Out Plumbing Consortium launched its industry-wide training initiative with a free webinar on January 16, 2013. In keeping with the consortium's mission to provide widespread education about the manufacture, distribution and installation of Lead Free\* plumbing products to contractors, distributors, plumbing engineers and code officials, the presentation helped to further understanding of the federal "Reduction of Lead in Drinking Water Act" which becomes effective January 4, 2014.

More than 300 professionals participated on the webinar sponsored by the PHCC Educational Foundation. The program covered five major topics: the new lead free\* law and its background, interpretation issues relevant to the law, manufacturing issues surrounding the development of new lead free\* products, installation considerations and preparing for implementation of the law.

"It was gratifying to see such a large cross-section of the plumbing industry join us for the webinar," said Cindy Sheridan, Chief Operating Officer of the PHCC Educational Foundation. "Education and understanding are critical to help insure a smooth transition to the use of lead free\* products by January 4, 2014."

A recording of the webinar and a copy of the presentation are available on the consortium's website ([www.gettheleadoutplumbing.com](http://www.gettheleadoutplumbing.com)) along with a list of upcoming training sessions. Each


session will be conducted by consortium members at industry events throughout 2013.

The Get The Lead Out Plumbing Consortium, a cross section of the plumbing industry comprised of leading trade associations and manufacturers, was founded in 2012. Its mission is to provide widespread education about the manufacture, distribution and installation of Lead Free\* plumbing products.

Members of the consortium include: American Society of Plumbing Engineers (ASPE), American Supply Association (ASA), International Association of Plumbing and Mechanical Officials (IAPMO), International Code Council (ICC), Legend Valve, Milwaukee Valve, NIBCO INC., PHCC National Association Educational Foundation, Plumbing Manufacturers International (PMI), Reliance Worldwide, Viega, LLC, Watts Water Technologies.

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**Note: The "Get the Lead Out" presentation will be provided by PMI as part of the CEU class held at the Illinois PHCC Expo in Oakbrook Terrace on March 22<sup>nd</sup>.**

*\* Lead Free refers to the wetted surface of pipe, fittings and fixtures in potable water systems that have a weighted average  $\leq 0.25\%$  per the Safe Drinking Water Act (Sec. 1417) amended 1-4-2011 and other equivalent state regulations.* 

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# SUMMIT TRAINING RESOURCES AVAILABLE TO FEDERATED CLIENTS THROUGH 2013

Effective January 1, 2013, Federated clients will continue to have access to hundreds of risk management resources covering a wide array of topics, available through Federated's Shield Network<sup>SM</sup> and Summit Training Source®.

Federated and Summit are working together to offer a variety of risk management materials to business owners looking for ways to build their business's overall risk management culture. Topics available can be used for help with safety training, employee meetings, and OSHA compliance.

Continuing in 2013 will be Summit's free streaming video rentals. DVD rentals are also available through a library-style check-out system. DVDs may be checked out for 30 days. The only cost associated with DVD rental is return postage. A complete topic list can be found on Federated's Shield Network<sup>SM</sup>.

Computer-based training (CBT) is another resource for clients wishing to include it in their employee risk management training program. Five CBTs will continue to be complimentary, with others available at a reduced price of \$9.95. All CBTs include use of a Learning Management System to document course assignments and completion. The five complimentary training courses cover distracted driving, tanker rollover, back safety, decision driving, and fire protection and prevention.

Also available at a reduced cost are OSHA 10- and 30-hour training sessions.

Federated clients can request these resources online through Federated's Shield Network<sup>SM</sup>, or by calling the Client Contact Center at 1-888-333-4949. For more information or help ordering, contact your Federated representative.



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## PHCC ILLINOIS AUXILIARY SCHOLARSHIP RULES

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1. Scholarships are awarded in the amount of \$500.00 or more but not to exceed \$2,000.00 and shall be given by the Illinois Auxiliary each year at the State Convention, as funds are available to those who desire to further their education. The applicant shall be enrolled in solid subject curriculum.
2. The applicant must be at least a freshman in college having completed one full semester with at least 8 credit hours of study. You may NOT apply in your senior year of high school.
3. No person may receive more than one award from Illinois Auxiliary during his or her academic career and there cannot be more than two awards per family per year. A permanent current list of recipients will be kept in the scholarship files.
4. The applicant must submit a handwritten letter to include personal data, family size, and need of scholarship monies and plan for the future career. Knowledge of and/or working experiences with plumbing industry can be included, but not necessary.
5. The applicant must submit a total of three letters of recommendation.
  - A. One letter must be from your sponsoring auxiliary member. Member must be current and in good standing
  - B. The other two letters must be from people not related to the applicant who know you personally and can attest to your character and provide other pertinent information. Knowledge of parents would not necessarily qualify them for having knowledge of applicant.
6. The checks for scholarships shall be awarded to the student upon verification of full time enrollment and student must in good standing with College.
7. Please attach a picture of yourself to the application.
8. The deadline for submitting your application is June 1, 2013. Your application must be postmarked no later than that date and include all the information required. If it is incomplete, we will discard the materials and your name will be removed from the applicants list. You can resubmit the following year.

The scholarship committee will have the final decision in awarding these applications. The committee wishes each and every one of you the best of luck.

If you have any further questions, please feel free to contact me at anytime using the numbers listed below:

PLEASE SEND YOUR COMPLETED APPLICATION TO:

NANCY STEWART  
304 FOX STREET  
CARY, IL 60013  
PHONE: 847-639-4145  
E-MAIL: [Nstewart@hrstewart.com](mailto:Nstewart@hrstewart.com)

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# PHCC ILLINOIS AUXILIARY SCHOLARSHIP APPLICATION ~2013~

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Applicant Name: \_\_\_\_\_ Birth Date \_\_\_\_\_

Mailing Address: \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Parents or Guardian's Full Name: \_\_\_\_\_

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

**NAME AND ADDRESS WHERE CHECK SHOULD BE SENT:**

Name \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

**NAME OF SPONSORING AUXILIARY MEMBER: (Sponsor Cannot be a Parent, Guardian or Spouse)**

Name \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_

Signature \_\_\_\_\_

State and Name Of Sponsoring Auxiliary \_\_\_\_\_

**SCHOLASTIC DATA:**

High School Attended: \_\_\_\_\_

Year of Graduation: \_\_\_\_\_ Rank/Number in Class: \_\_\_\_\_ CUM GPA: \_\_\_\_\_

Principal's Name: \_\_\_\_\_

Name of College Attending & Career Plans: \_\_\_\_\_

Dean or Advisor's Name: \_\_\_\_\_

**INSTRUCTIONS FOR APPLYING FOR SCHOLARSHIP:**

Application must be complete with the items listed below for consideration:

- 1 Read the Scholarship Rules.
2. Small photo staples to application.
3. Three letters of Recommendation as follows:
  - A. One Letter of recommendation from Sponsoring Auxiliary Member (current member in good standing)
  - B. Two letters of personal recommendation, from people not related to applicant
4. Personal handwritten letter (state request and list curricular activities you participated in high school and college.)
5. Original Copy of High School and College Transcripts. These can be sent under separate cover. **\*\*Note\*\*** High School Transcript is required for all graduates from 2006 to current.

I hereby certify that the above is true and accurate.

Applicant's signature: \_\_\_\_\_ Date \_\_\_\_\_

Parent, Guardian or Spouse Signature: \_\_\_\_\_

**GOOD LUCK!**

**DEADLINE TO BE CONSIDERED FOR THE SCHOLARSHIP IS JUNE 1, 2013**



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# ISWS MODELS GROUNDWATER FLOW IN NORTHEASTERN ILLINOIS

by Scott C. Meyer, Hydrogeologist

Illinois State Water Survey, University of Illinois at Urbana-Champaign

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Drinking water in northeastern Illinois comes from both surface water sources (Lake Michigan and the Fox River) and groundwater. Groundwater sources include both deep and shallow aquifers. The deep aquifers are principally sandstone layers that, from the top downward, include the Ancell Unit, Ironton-Galesville Unit, and Mt. Simon Unit. The Mt. Simon is used far less than the other two deep aquifers because of the expense of drilling to it and because deeper portions contain water that is too salty for most uses. The shallow aquifers include limestone and dolomite bedrock and, above them, sand and gravel aquifers .

To rationally estimate the consequences of future pumping of these aquifers, the Illinois State Water Survey has constructed a computer groundwater flow model to simulate groundwater withdrawals from them through 2050. The results of this modeling are discussed in a recent report by the ISWS: *Northeastern Illinois Water Supply Planning Investigations: Opportunities and Challenges of Meeting Water Demand in Northeastern Illinois* (ISWS Contract Report 2012-03). The report is available for download from the ISWS web page (<http://www.isws.illinois.edu/>). Estimates of future pumping in the region are discussed in *Regional Water Demand Scenarios for Northeastern Illinois: 2005-2050*, which may be downloaded from the web page of the Chicago Metropolitan Agency for Planning (<http://www.cmap.illinois.gov/>). The model can be used for additional analysis of water demand in the region and as such has the potential to be a valuable tool for guiding water-supply planning efforts.

The deep aquifers have long been a subject of concern for water managers. Analysis conducted by the Water Survey suggests that the deep aquifers

receive too little recharge to offset the large withdrawals from wells in northeastern Illinois. This shortage of replacement water will lead to continued drawdown of the deep aquifers in the region. Model simulations discussed in the recent report suggest that partial to complete desaturation (draining of pore spaces) will affect parts of the deep aquifers by 2050. Desaturation will lead to a decline in well yields and increased pumping expenses. Deep wells in the areas of desaturation also may be vulnerable to increases in natural contaminants such as arsenic, barium, and radium, increasing the costs of treatment to protect human health. Measurement of 2007 water levels in deep wells suggests that desaturation of the Ancell Unit may already be occurring in the Joliet and Aurora areas, where deep pumping is greatest.

In general, drawdown in the shallow aquifers is more scattered and of lesser magnitude than in the deep aquifers, but pumping from shallow aquifers can reduce discharge to wetlands, lakes, and streams. Model simulations suggest that natural groundwater discharge to streams in the Illinois portion of the Fox River basin has declined by 10 percent in the last century, and it may decline as much as 14 percent basin-wide by 2050 due to increased pumping of shallow groundwater .

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*The Illinois State Water Survey has been a leader in the study of water resources for more than a century. Their research and service programs provide citizens, industries, and government agencies at all levels with timely, science- based information and analysis necessary to manage our water resources wisely for economic development and a sustainable environment. The ISWS is a Division of the Prairie Research Institute of the University of Illinois at Urbana-Champaign (U of I).*

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