



# THE ILLINOIS INTERCOM

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## Upcoming Events

### November 4, 2002, Monday

Afternoon Seminar  
IDPH Training  
Northwestern Memorial Hospital  
Monthly Meeting  
Holiday Inn City Center  
Chicago, Ill.

### November 21, 2002, Thursday

AMCA Lab Tour  
Arlington Heights, Ill.

### December 16, 2002, Monday

Monthly Meeting  
Integrated Design & Commissioning  
White Pines Golf Club  
Bensenville, Ill.

### January 13, 2003, Monday

Afternoon Seminar  
Fluid Flow Design  
Bell & Gossett, Niles, Ill.  
Monthly Meeting  
Holiday Inn Skokie

### February 10, 2003, Monday

Afternoon Seminar  
Open Building Control Systems  
Integration and the Internet  
Monthly Meeting  
Excellence in Engineering Awards  
Rosewood Banquets  
Rosemont, Ill.

## November 4 Seminar & Meeting

### Mechanical Requirements of Long-Term Care Facilities

The Illinois Chapter ASHRAE is offering a seminar and meeting discussion of *Case Studies on Long-Term Care Facilities*. This meeting is a must for those involved in the design, construction, reconstruction, and operation of these facilities in Illinois.

*Michael Jontry* of the Illinois Department of Public Health (IDPH), Division of Long-Term Care, will present mechanical and electrical case studies for long-term care facilities. He will highlight the process of submitting projects to IDPH, outline relevant codes, and present stories from the field. Engineers, architects, and facility operators are encouraged to attend.

Our evening meeting — this will be a joint meeting with IEEE — will follow the seminar. After dinner, Mr. Jontry will summarize key points of the seminar. Please note that both events take place at separate locations in downtown Chicago.

The afternoon seminar will take place at **Northwestern Memorial Hospital, Feinberg Building, 251 E. Huron St., 3rd floor, Conference Room A**. The dinner meeting will be located a short walk away, at the **Holiday Inn, Chicago City Centre, 300 E. Ohio St., 2nd floor, Superior Room**.

Parking is available at the Holiday Inn (\$13 reduced rate, 2-9 p.m.) or at several nearby self-parking lots, including one next door to the Holiday Inn.

Members and guests are invited to attend both events. The afternoon seminar cost is \$20.00. The cost for individuals who wish to attend only the dinner is \$35.00. A special reduced cost for those who sign up for the seminar and dinner is available for \$50.00.

Advance reservations are requested. Reservations may be made by calling our 24-hour reservations number at (708) 636-3604, or online on our website [[www.chicagosite.org/meetings.htm](http://www.chicagosite.org/meetings.htm)].

Please remember to specify which event (if not both) you plan to attend.

### November 4 Seminar & Meeting

<b>Place:</b>	Seminar: Northwestern Memorial Hospital Dinner: Holiday Inn, Chicago City Center
<b>Time:</b>	3:00 - 5:00 p.m. — Seminar "Illinois Long-Term Care Facilities" 5:30 p.m. — Cocktails 6:30 p.m. — Dinner & Program Includes a summary of afternoon seminar highlights. \$20 seminar only; \$35 dinner only \$50 per person for both events
<b>Chairmen:</b>	Bill Kosik, OWP&P Engineers

For reservations, call (708) 636-3604

## President's Message

Since I missed the deadline for making the October *Intercom*, (see, even the



chapter president doesn't get any breaks when he misses the deadline!) my message will include two months worth of topics. I'd like to begin by saying thank you to everyone who participated in our annual golf outing. We were fortunate to have a perfect day, and everyone I talked to said they had a great time. I'd like to thank all the sponsors for helping make this event a tremendous success! Thanks also goes to Reid Woods for all his hard work, and to Tony Ranallo, Paul

Murphy and their reception committee members for the great job checking everyone in and keeping things organized. Additionally, I'd like to thank everyone who contributed to ASHRAE research in one way or another. Whether it was on the par 3 holes or by purchasing additional raffle tickets, our chapter was able to contribute significantly to this worthy cause. I can say that the sales of additional raffle tickets contributed \$692.00 to the total our chapter collected for ASHRAE research! This is an incredible amount, and again I say thank you all for your support. I hope to see many of you at future chapter meetings and events, and again at next year's outing!

In April 2003, we will address legal issues that concern us, and our industry. Dovetailing in with subject is a legal issues survey from society that I'm asking everyone in our chapter to complete. If you have not mailed, faxed or

e-mailed your completed survey, please do so. You still have time. The deadline is October 31, 2002. Society would like to get back 75 to 100 completed surveys from our chapter. Since the Illinois chapter is the largest ASHRAE chapter in the world, I think this is a reasonable goal. Please do your part to help. The results of this survey will help everyone, not only in this chapter but across the country. It's our responsibility. It's our obligation to help out when called upon. Let's make it happen!

Once upon a time, we went to school to learn how to be engineers. On October 7th, engineers attended an afternoon seminar to learn about schools! The afternoon Schools seminar & meeting with roundtable discussion was a tremendous success. There were over 100 attendees at the seminar, and most stayed for dinner afterward! I'd like to thank all of the guest speakers that participated and shared with the group their knowledge and expertise in their various fields. I received quite a bit of positive feedback from people I spoke to. Each speaker brought something worthwhile to the table, and everyone was able to benefit from it. I'd also like to thank Fred Ringe for all his efforts coordinating this event, and Jeremy Dickinson for securing the perfect venue and excellent dinner afterwards. This was also a "Student Night" and I just wanted to thank all the people and companies that sponsored a student that evening. We have periodic "Student Nights" throughout the year because students are the future, and ASHRAE should be an integral part of their education and their success as HVAC professionals. I'm sure that soon they too will return the favor and keep this cycle going for future students. Again, thank you for your generosity! One last thing, we did something new at the end

*(continued on page 4)*

## You Could Be An Award-Winning Engineer!

The Illinois Chapter has put out the call for project submittals for this year's "Excellence in Engineering Awards Program." A brochure and entry blank has been enclosed in last month's issue of *Intercom*. Everyone is encouraged to start thinking about and writing up that special design job in which you are or were recently involved. This is your chance to show off your unique ability to design an HVAC job that fully meets your client's expectations. Don't wait for the last minute. Do it now! If you have questions, call Tom Kroeschell (847/272-4626) or Bob Smeltzer (847/948-0100). The deadline for submittals is Nov. 15, 2002. Additional forms may be obtained from the Illinois Chapter office, 708/636-5819, or website, [http://www.chicagosite.org/ashrae.htm]. The awards will be presented at the Illinois Chapter monthly meeting on Feb. 18, 2002.

## Chapter Accepting Scholarship Applications

The scholarship committee is accepting scholarship applications for 2002-03. Applications may be obtained by contacting Chapter headquarters (708/636-5819) or from the Chapter website [www.chicagosite.org/ashrae.htm; click on "Other Programs"]. The deadline for applications is Dec. 10, 2002. Scholarship winners will be announced the following month.

The scholarships are given to deserving high school and college students interested in pursuing studies in engineering, science or mathematics that are fundamental for a career in the HVAC field.

## Society Seeks Sponsors for 2003 Winter Meeting

The Illinois Chapter Host Committee is offering a new marketing opportunity

to companies wishing to sponsor an activity at the 2003 ASHRAE Winter Meeting in Chicago. The winter meeting typically draws over 2,000 HVAC professionals from all over the world!

We are seeking funds for the following activity:

Johnny D and The Rocket 88's Banquet Band (January 28, 2003):

**Gold \$5,000**

- Incorporation with local chapter marketing campaign
- "Gold" Designation Sign at banquet entrance and bandstand
- Announcement at Welcoming Party, Luncheon and Banquet Dinner.

**Silver \$3,000**

- Incorporation with local chapter marketing campaign
- "Silver" Designation Sign at banquet entrance and bandstand
- Announcement at Welcoming Party, Luncheon and Banquet Dinner

**Bronze \$1,000**

- Incorporation with local chapter
- (continued on page 5)*

**Illinois Chapter of ASHRAE Presents a:**

**Tour of AMCA International s Test Laboratory**

**Thursday, November 21, 2002**

**5:30 p.m. (Length about 2 hours)**

**(Space is limited to first 40 reservations.)**

**30 W. University Drive, Arlington Heights, Illinois**

**(south of Dundee Road between Kennicott on the west  
and Arlington Heights Road on the east.)**

The Air Movement and Control Association International (AMCA International) is a not-for-profit international association of the world s manufacturers of air system equipment. AMCA is dedicated to the certification of manufactures performance ratings on fans, louvers, dampers, air curtains, airflow measurement stations, acoustic attenuators, and other air system components for industrial, commercial, and residential markets.

One of AMCA s most important functions is administrating and directing its many Certified Ratings Programs. Ratings are certified for air leakage, air leakage-air performance, air performance, air performance-wind driven rain, airflow measurement station-air performance, cfm/watt-air performance, positive pressure ventilator-air performance, prefabricated silencer-sound and air performance, water penetration-air performance, water performance-air penetration-wind driven rain, and wind driven rain.

This is your opportunity to see AMCA s many test facilities and learn how these tests are performed to assure the purchaser that the manufacturer s catalogued performance ratings are accurate and reliable. The product tests include acoustical duct liners, air curtain units, airflow measurement stations, axial fans, blowers, centrifugal fans, dampers, louvers, and power roof ventilators.

**Tour cost: \$15.00**

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**Registration Form AMCA Lab Tour**

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Tel. \_\_\_\_\_ Fax \_\_\_\_\_ E-mail \_\_\_\_\_

Mail completed form and check to Illinois Chapter ASHRAE, P.O. Box 42-8020, Evergreen Park, IL 60805-8020. Forms may also be faxed to (708) 636-5847. For information, call (708) 636-5819.

### Illinois Chapter News & Notes...

Congratulations to Bev Letcher for being our very first winner of a free dinner at any future 2002-2003 Chapter monthly meeting. Bev is with the Regional Office of Education in Loves Park, Ill. Members, if you bring a non-member to a meeting, be sure to have them drop their name or business card in the box at the registration table when they arrive. One name will be drawn at each monthly meeting. Maybe their next dinner will be on ASHRAE!

• • •

At all future seminars, the Illinois chapter of ASHRAE kindly requests that *all cell phones and pagers be turned off* during seminars, or set to vibrate. This will help everyone concentrate better by avoiding unnecessary interruptions from ringing phones while the program is underway. We thank everyone for their cooperation.

• • •

Thanks to the following people and companies who helped sponsor students at last month's "Student Night" meeting.

Stan Erickson - G.V. Zintel Associates

Joe Florio - J. Sterling Morton H.S.

Tom McNamara - LM Consultants Inc.

William Sengpiel - Thermal Management

TEC (Temperature Equipment Corp.)

These generous donations help us pay for student meals during these special meeting nights. The next Student Night is planned for Monday, March 10, 2003, at Costa's Restaurant in Greektown.



Another busy seminar season got underway before the Oct. 7 meeting, when Dave Dickerson with Control Engineering addressed more than 100 attendees at the Schools seminar, held at Avalon Banquets.

## President's Message

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of this meeting that we plan to do from now on. In an effort to attract new members to the chapter, we had all the non-members that registered put their name into a box. At the end of the meeting we picked a name. That lucky person received a certificate for a FREE dinner at any future 2002-2003 Illinois chapter ASHRAE monthly meeting. The first winner to be picked was Bev Letcher. Congratulations Bev, we look forward to seeing you again soon at another Illinois chapter meeting!

We live in the information & technology age. Most of the time our increased accessibility is a benefit to our customers & co-workers, but this ability to be reached at any time created one negative during the Schools seminar that I need to address. There were quite a few cell phones and pagers that went off during the presentations. These can be a distraction for other participants causing them to miss a key point of the presentation. I too have had my cell phone go off in meetings, and once in a movie theater (boy does that get everyone's attention). So I too am one of the guilty ones. For the future I kindly ask, as a courtesy to the speakers and to the other attendees, *please turn cell phones off and pagers to vibrate during seminars*. This applies to me as well. I can't ask this chapter to do anything that I'm not willing to do, right? Please try to remember to do this for the next seminar on November 4th. Thank you in advance for your cooperation.

The deadline for submission of projects for the 2002 Excellence in Engineering Awards is November 15th so if you have a project in mind that you think deserves consideration for this honor, please be sure to submit it! Judging will be completed by January 15th, and we'll award the winners at our February 10th meeting after dinner. Remember also that this year, as Emeril says, "we're gonna kick it up a notch," by submitting winning projects to IEC (Illinois Engineering Council) for consideration of an IEC Outstanding Engineering Achievement Award! Please take advantage of this opportunity, don't let it slip away. We work hard to make each project better than the last one by

pushing technology in directions no one thought possible. Recognition for these achievements is deserved. Get your project submitted now, and good luck!

This month's afternoon seminar & meeting will focus on case studies for long-term care facilities. This will be a joint effort between Illinois ASHRAE, and IEEE. Mr. Michael Jontry of the IDPH (Illinois Dept. of Public Health), Division of Long-Term Care will be our featured speaker, and I know that this day's events will be worthwhile to all who attend. Please note that the afternoon seminar and the dinner meeting will be taking place at two different locations. The afternoon seminar will take place at Northwestern Memorial Hospital. Afterwards, everyone can walk over to the Holiday Inn City Center for cocktails, conversation, and continuation of the program with dinner and more information from Mr. Jontry. Because this event is taking place downtown, we have tried to keep the cost low to offset the higher cost of parking. I am confident we will have a strong turnout from our chapter for this joint effort. We again will pick a non-member name for a free dinner at any future monthly meeting, so bring someone along that you think can benefit from this activity and have them try their luck. What do they have to lose?

Remember too the AMCA lab tour we have scheduled for November 21st. This would be a particularly good tour for new members, students, and those just getting into the HVAC industry to attend. I've taken this tour more than once and it never fails. I see something new with each visit. This tour is well worth the time. I'll see you there.

In closing, I again would like to thank everyone who had a part in the success of the golf outing and the Schools Seminar. It is because of dedicated volunteers like you that we pull these events off each year. Thanks also to everyone who helped contribute to ASHRAE research. Your long arms and deep pockets have made me proud! I am grateful to all of you. I hope everyone has a happy and healthy Halloween and Thanksgiving. See you at Northwestern Memorial Hospital on the 4th!

Walter Kurzeja, Illinois Chapter President  
E-mail: wally.kurzeja@us.belimo.com

## Illinois Chapter ASHRAE 2002-2003

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"The Chapter Cannot Act for the Society"

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### marketing campaign

- "Bronze" Designation Sign at banquet entrance and bandstand
- Announcement at Welcoming Party, Luncheon and Banquet Dinner

Platinum \$500

If your company is interested, please contact Ron Vallort at (630) 734-3821 or Mike McDermott at (312) 456-2232.

## Winter Meeting Update

The following public sessions are scheduled to coincide with the ASHRAE Winter Meeting, Jan. 25-29, 2003, at the Palmer House hotel.

- The Standard 90 Committee will host a public session from 3 - 5 p.m., Sunday, Jan. 26, at the Palmer House. The session is on Standard 90. Further information is contained in the latest *Insights* or can be obtained on the ASHRAE website (Session ID 1739).

- A Building Safety public session is planned for 3 - 5 p.m., Monday, Jan 27. It will also take place at the Palmer House.

- Another public session, this one on "Residential and Small Building Humidity and Mold Control," will be held 2 - 5 p.m., Tuesday, Jan. 28, at the Palmer House.

The above sessions are open to the public and free of charge. Please read the latest *Insights* newsletter from Society for information on all technical sessions planned for the Winter Meeting.

## Introducing ASHRAE Technical Committee 9.12

TC9.12 is concerned with the function, operation, energy, and human safety for buildings taller than 300 feet. Also included is the determination of requirements related to hydraulics, airflow, infiltration, thermal insulation, water vapor retarders, environmental control, fire and smoke control, and maintenance.

TC9.12 Committee members include Ted Ritter and Tom Kroeschell. Corresponding members are Bill Webb, of Performance Technology Consultants, and Ray J. Clark, of Skidmore, Owings & Merrill. Kroeschell has served as chairman and now serves as secretary.

TC9.12 meets twice a year — at the Society's annual and semi-annual Meetings.

TC9.12 has completed a "research project" to develop and publish a design guide for humidity control in tall buildings. This book, titled "Humidity Control for Tall Buildings," can be purchased from the ASHRAE Bookstore. The book's author and principal investigator was Lew Harriman. It was funded through an ASHRAE Research grant at a cost of about \$100,000.

The committee has another "research project" to develop and publish a design guide for mechanical systems in tall buildings. This project, funded with ASHRAE Research funds at a cost of about \$30,000, should be completed in early 2002. The author and principal investigator is Don Ross, retired managing partner of Jaros, Baum, and Bolles.

TC9.12 is sponsoring a seminar at the Society's upcoming semi-annual meeting in Chicago on "Latest Techniques for Perimeter Zone HVAC and Lighting Systems, and the Building Envelope for High Rise Office Buildings." The presenters will be Richard Fencl, Dave Callan of Skidmore, Owings & Merrill, and Randy Dana of Mytech Corp.

Finally, it is also sponsoring a forum at the Chicago meeting on "Are Safe Havens Safe or Are They Stairways to Heaven?" moderated by Harvey Brickman, chief engineer of Tishman Reality & Construction Company.

## HELP WANTED...

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