

ASHRAE Rochester



VOLUME 7, ISSUE 4

DECEMBER 1, 2012

INSIDE THIS ISSUE:

Officer / Committee List 2

Events Calendar 3

President Msg 4

Meeting Info 5

Job Postings 6

CTTC 7

Student Zone 8

Valentine Dinner Dance 9

Region I Dinner and Contacts 12

ASHRAE Learning Institute 14

Bellenger Book Corner 15

Becker Learning 16

Mtg Minutes 18

Society News 21

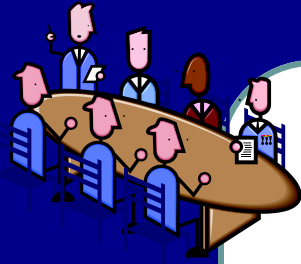
ASHRAE CERTIFICATIONS

ASHRAE has certified more than 1,000 HVAC professionals. Are you one of them? Earn recognition for your knowledge and expertise.

The 2013 ASHRAE Winter Conference and AHR Expo in Dallas will bring together more than 30,000 visitors from around the world to learn, network, and buy and sell HVAC&R products and services. All six of ASHRAE's certification exams will be administered at the conference.

- **Building Energy Assessment Professional (BEAP)**
- **Building Energy Modeling Professional (BEMP)**
- **Commissioning Process Management Professional (CPMP)**
- **Healthcare Facility Design Professional (HFDP)**
- **High-Performance Building Design Professional (HBDP)**
- **Operations & Performance Management Professional (OPMP)**

(refer to page 25 for more details)



Chapter Officers

President

Michelle Sommerman
(585) 272-4650
msommerman@nrg-concepts.com

President Elect

Robert Wind
585-341-3172
rwind@ibceng.com

Vice President/Tech

Edward J. Burns
585-739-7548/872-9172(fax)
ejb@mechtechhvac.com

Secretary

Christina Walter
585-486-2148
cmwalter@trane.com

Treasurer

Jeff Close
585-289-6816/218-0737(fax)

Committee Chairs

CTTC/Programs

Robert Wind 585-341-3172
rwind@ibceng.com

CTTC/TEGA

Derrick Day 585-489-7502
Derrick.W.Day@jci.com

CTTC/ Refrigeration

Michael Nohle 585-216-9016
mikenohle@aol.com

Historian

Lee Loomis 585-262-2870/262-4156(fax)
leeloom@aol.com

Membership

Bill Clark 585-507-1961
wjclark@dayasi.com

YEA

Chris Lukasiewicz 585-381-3360
clukasiewicz@turnerengineering.com

Board of Governors

Eric C. Smith (3rd year)
585-381-3360
esmith@turnerengineering.com

Jaimee Wilson(3rd year)
585-325-6004
jreynolds@pathfinder-ea.com

William J. Clark (2nd Year)
585-507-1961
wjclark@dayasi.com

Beth Smith (2nd year)
585-272-0110
bsmith@vpsupply.com

Derrick Day (1st Year)
585-489-7502
Derrick.W.Day@jci.com

Paul Kenna (1st Year)
585-295-3114
Paul.Kenna@carrierenterprise.com

Student Activities

Al Rodgers 585-325-6004
arodgers@pathfinder-ea.com

Newsletter Editor

Jaimee Wilson 585-325-6004
jwilson@pathfinder-ea.com

Attendance & Reception

Timothy Duprey 585-924-9360
tduprey@pascobas.com

Building Simulation User's Group (BSUG)

Bill Bishop 585-325-6004
wbishop@pathfinder-ea.com

Webmaster

Kevin Wind 585-263-1280
kwind@rochester.rr.com

Research Promotion

Paul Kenna 585-295-3114
Paul.Kenna@carrierenterprise.com

SAVE THE DATE

ASHRAE 2012-2013 Meeting Schedule

Date	Event	pdh / Theme	Location	Schedule
09/10/12	Matt Hurlbutt of Greater Rochester Enterprise		Burgundy Basin	5:00 PM
10/09/12	Dave Gordon of Green Building Partners - "Challenges in Applying Traditional Sensors in Ventillation Applications"		Mario's	12:00 PM
11/12/12	Mike Waller of Ravi Engineering & Land Surveying - "Asbestos Recognition and Abatement Techniques" Joint meeting with ASPE Rochester Chapter		Mario's	12:00 PM
12/10/12	Jerome Meyer Sr. of MIS - "ASHRAE Standard 188P on Legionella"		Mario's	12:00 PM
01/14/13	Jeff Day of Day Automation - "The Road Ahead for Facilities Automation"		Mario's	12:00 PM
02/08/13	Annual ASHRAE Valentines Dinner Dance	---	Colgate Divinity	7:00 PM
02/11/13	(Topic and speaker TBD) Joint meeting with SMACNA		Mario's	12:00 PM
03/18/13	Refrigeration Night		TBD	TBD
04/18/13	(Topic TBD) - Tom Watson (President of ASHRAE) Joint meeting with ASHRAE Buffalo Chapter		Holiday Inn Batavia, NY	5:00 PM
05/13/13	Annual ASHRAE Golf Outing and Picnic	---	Ravenwood Golf Club	9:30 AM Golf 4:30 - 8:00 Picnic

Updated 12/1/2012

Mission Statement

ASHRAE will advance the arts and sciences of heating, ventilation, air conditioning, refrigeration and related human factors to serve the evolving needs of the public and ASHRAE members.



Shaping Tomorrow's
Built Environment Today

Vision Statement

- will be the global leader in the arts and sciences of heating, ventilation, air conditioning and refrigeration.
- will be the foremost, authoritative, timely and responsive source of technical and educational information, standards and guidelines.
- will be the primary provider of opportunity for professional growth, recognizing and adapting to changing demographics, and embracing diversity.

President's Message

Our meeting this month will be on **Monday December 10th**. Our speaker will be Jerome Meyer Sr. of MIS and he will be speaking on **ASHRAE Standard 188P, Prevention of Legionellosis Associated with Building Water Systems**.

Join the Society as it returns to **Dallas** for the **2013 ASHRAE Winter Conference, January 26-30!** The co-sponsored **AHR Expo®** will be held in conjunction with the conference, **January 28-30**. This is a great opportunity for you to:

- Stay informed on the latest advancements in the industry while earning PDHs during technical sessions
- Network and reconnect with other members and old friends
- Examine new and innovative technology at the AHR Expo
- Relax and mingle at social events and general tours.
- Get away from the cold Rochester weather for a few days.

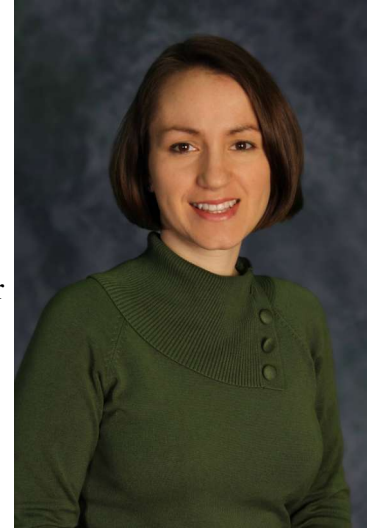
Take advantage of discounted registration fees with Advance Registration which runs thru December 31st. Visit www.ashrae.org for more information on the conference or refer to the flyer that came with your latest ASHRAE Journal mailing.

The **Region 1 Dinner** will be held that Sunday evening, **January 27th** at Sonny Bryan's Smokehouse, a Texas BBQ.

If you are interested in attending, contact Heather Platt (Region 1 officer) at hplatt@SeneceCM.com or 716-255-1462 for reservations (\$30 adults, kids 12 and under \$21).

Please contact me @ msommerman@nrg-concepts.com or 585-272-4650 if you have any ASHRAE chapter questions.

Thanks for the continued support of YOUR local chapter of ASHRAE and see you at the next meeting!



Michelle Sommerman, PE, 2012-2013 President

Monthly Meeting

December ASHRAE Meeting (1 PDH pending for attendees)

Monday, December 10th 2012

Location: Mario's Italian Steakhouse 2740 Monroe Ave, Rochester

Time: 12 PM with Buffet Lunch Served

Cost: \$25.00

Speaker: Jerome Meyer, Sr, MIS

ASHRAE Standard 188P on Legionella

This seminar is designed to provide a current status and update on ASHRAE 188P. We will begin with an explanation of Legionnaires disease and the progress that has been made to date. The technology exists to control this problem. ASHRAE 188 explains hazard analysis and risk management. This standard will be explained step by step so that attendees can create their own Hazard Analysis and Critical Control Point (HACCP) program in their facilities.

The presenter, Jerome R. Meyer CWT, began his experience in water treatment in 1969. He has an associate's degree in laboratory technology from SUNY at Fredonia. In 1972 he formed his own water treatment company, M.I.S. of America, Inc. The Association of Water Technologies began a certification program in 1998. He was one of the first people to receive this certification (CWT). Today there are less than 300 people in the world who have attained this level of excellence.

Remember, as an option, we now have on-line payments available via PayPal.

<< **Pay for Meeting Registration online via PayPal (no PayPal account required)** >>

Use the following link: <http://rochester.ashraechapters.org/meetings.html>

Cash or check payment still accepted at the door with your reservation.

Please RSVP no later than noon Friday, December 7th to Tim Duprey

Phone: 585.259.0559 or tduprey@pascobas.com

Respectfully,

Tim

Attention Members:

Just a reminder that all members that reserve a spot for the monthly meeting will be responsible for that reserved space.

Members have until 12:00 pm the day of the RSVP deadline to cancel their meeting reservation.

Failure to comply with this rule will result in the attendee being responsible for the payment of that reservation.

ASHRAE Rochester Chapter Officers



This section of the newsletter is reserved for those firms wishing to advertise their desires to hire from the Chapters Membership.

If you are interested in utilizing this FREE service provided by the Rochester Chapter, please contact our Chapter President, Michelle Sommerman (585.957.1942) or by email msommerman@nrg-concepts.com. This service is available to ASHRAE members for any local firm in our industry looking for knowledgeable persons in the HVAC&R industry.



Mechanical Designer - Plumbing / Fire Protection

Turner Engineering is a multi-disciplined consulting engineering company based in East Rochester, NY. We provide HVAC, plumbing, fire protection, electrical, and communications engineering services for the construction industry. www.TurnerEngineering.com. We design the systems that make health care, institutional, commercial, educational, municipal, and mission-critical facilities efficient, comfortable, and safe.

We are a growing firm and require a Mechanical Designer in Plumbing / Fire Protection with 4+ years of related experience. Ideal candidates are detailed orientated and able to manage multiple tasks. Candidates must possess leadership abilities to take charge of design software, Microstation, AutoDesk and REVIT MEP. Responsibilities include, but are not limited to: creating detailed drawings with limited input from engineers, performing calculations and creating major layouts under engineering supervision. This position requires interaction with clients. A detailed job description can be found at www.turnerengineering.com.

Apply on line or Email resumes to bpitts@turnerengineering.com



Technology Awards Programs

Program Overview

Overview:

Effective energy utilization is just one of several aspects of facility and building design. The ASHRAE Technology Awards program recognizes, on an international scale, successful applications of innovative design, which incorporate ASHRAE standards for effective energy management, indoor air quality, and good mechanical design. The purpose of the ASHRAE Technology Awards is threefold:

- 1) To recognize ASHRAE members who design and/or conceive innovative technological concepts that are proven through actual operating data.
- 2) To communicate innovative systems design to other ASHRAE members.
- 3) To highlight technological achievements of ASHRAE to others, including associated professionals and societies worldwide, as well as building and facility owners.

Categories:

ASHRAE Technology Award applications are accepted in each of the following categories:

- I. Commercial Buildings (New and Existing)
- II. Institutional Buildings (New and Existing)
 - Educational Facilities
 - Other Institutional
- III. Health Care Facilities (New and Existing)
- IV. Industrial Facilities or Processes (New and Existing)
- V. Public Assembly Facilities (New and Existing)
- VI. Residential (New and Existing)



ASHRAE honors only buildings and industrial facilities or processes that are outstanding in design innovation. An award in a category is not given if entries do not meet the highest standards. The "ASHRAE Award of Engineering Excellence" is given at the judges' discretion. The first-place Society Technology Awards and the "ASHRAE Award of Engineering Excellence" are presented during the Plenary Session at ASHRAE's Winter Meeting.



**Please Visit www.ASHRAE.org Honors & Awards for more information or Contact: Derrick Day
Phone: 585-489-7502
E-mail: Derrick.W.Day@jci.com**

2013 Solar Decathlon



Want to participate in the next U.S. Department of Energy Solar Decathlon. Find out how you can contribute.

Washington Internship Program



Founded in 1980 through the collaborative efforts of several professional engineering societies, WISE has become one of the premier

Washington internship programs. Its goal is to groom future leaders of the engineering profession who are aware of and can contribute to the important intersections of technology and public policy. [Learn More](#)

ASHRAE K-12/STEM Resource Center



[See video](#)

In partnership with National Engineers Week Foundation, ASHRAE is working to promote engineering to middle school aged children, particularly young girls. ASHRAE produced a short video at the Georgia Aquarium demonstrating how HVAC&R engineering is important to the well being of marine life and visitors within the facility. [Learn more](#)



ASHRAE has a new and improved activity and resource site for K-12. Do your part in educating the future engineers. With more activities, a discussion board, videos and reference materials, this is your one stop shop for educational tools. [Get Resources](#)

For more information, go to:
<http://ashrae.org/membership--conferences/student-zone>



You are cordially invited to the
**56th Annual
 Valentine Dinner Dance**

Friday, February 8, 2013

Colgate Rochester Crozer Divinity School
 1100 South Goodman Street
 Rochester, New York

7:00pm Reception - Hors d'oeuvres & cocktails
 8:00pm Dinner - As you select
 9:15pm Dessert, Coffee and Dancing



Menu Selections

8 oz beef filet with burgundy reduction
 Cranberry sage stuffed chicken
 Jumbo shrimp in white butter sauce

For reservations, please mail or fax this registration form by January 31, 2013.

Make checks payable to Rochester Chapter ASHRAE and mail to

Jody McGarry
 ABR Wholesalers, Inc.
 510 North Goodman Street
 Rochester, New York 14609
 Phone (585) 482-3601 Fax (585) 482-6698

Name: _____ Beef · Chicken · Fish · Vegetarian

Name: _____ Beef · Chicken · Fish · Vegetarian

Number of people ____ x \$65* per person = \$_____ (enclosed)

*Special price of \$50 per person for members of the Y.E.A.



October 18, 2012

Dear ASHRAE Members,

On Friday, February 8, 2013, ASHRAE will be hosting its 56th Annual Valentine Dinner Dance. ASHRAE is asking for your corporate support to donate \$325.00, billed to you as an advertising expense, to help defray the cost of this event. We know that it has been a challenging year, but your sponsorship will enable us to provide you with lively entertainment, a delicious meal, special desserts, and an evening with friends and colleagues you won't soon forget.

As always, we will be offering two complimentary dinners to corporate sponsors. Your sponsorship will be listed in the dinner program and dance flyers, as well as being listed in a full-page advertisement in the R.E.S monthly publication. You will certainly be recognized by your peers as an ASHRAE supporter.

An invoice is attached for your convenience. We thank you for your support and look forward to sharing this fantastic evening with you!

Very truly yours,


Jody McGarry
Valentine Dance Committee

American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.

A N I N T E R N A T I O N A L O R G A N I Z A T I O N



Invoice

Advertising for February 2013 Promotion \$325

Please make check payable to: ROCHESTER CHAPTER ASHRAE and mail to:

Rochester Chapter ASHRAE
c/o ABR Wholesalers, Inc.
ATTN: Jody McGarry
510 North Goodman Street
Rochester, NY 14609

Commitment

We would like to support the Rochester ASHRAE 2013 Promotion and agree to fulfill our commitment by March 1, 2013.

Company Name_____

Signed by_____

Date signed_____

Please return your check or commitment to ABR Wholesalers, Inc. Thank you.

**Don't forget...you will receive two complimentary dinners to attend our Valentine Dinner Dance!*

American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.

A N I N T E R N A T I O N A L O R G A N I Z A T I O N



302 N. Market St. In The Historic West End, Dallas, Tx.

ASHRAE Winter Meeting 2013

REGION I DINNER

Sunday, January 27, 2013 Cocktails: 6-7pm Dinner: 7pm

Welcome to Sonny Bryan's Smokehouse, a Texas BBQ legend serving up century-old recipes and friendly service. From brisket to homemade BBQ sauce to famous onion rings, there's nothing more authentic than Sonny Bryan's barbecue. Please join the members of Region I for an evening of dining adventure... Texas style.



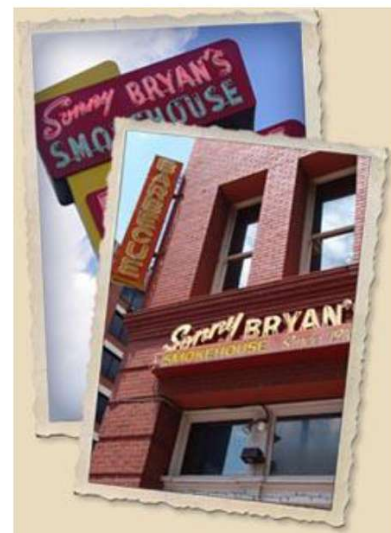
In 1910 Elias Bryan moved his family to Dallas from Cincinnati and opened the first Bryan's Barbecue. His son, William Jennings Bryan, (known as Red for his hair) opened his own restaurant in Oak Cliff, Texas in 1935. William Jennings Bryan Jr., known as "Sonny" opened his own restaurant on February 13th, 1958 the same day his Daddy and Granddaddy opened their restaurants. The Maverick Room is located downtown in the West End restaurant - in Dallas' premier entertainment district. Join us for the ultimate Texas experience! Each attendee will participate in a buffet style dinner and will be responsible for their own check.

Dinner will be an all you can eat buffet meal starting with an appetizer of Onion Rings followed by Pork Ribs, Beef Brisket, Pulled Chicken, Fried Okra, Baked Potato & Garden Salad. Peach Cobbler will be served for dessert... Buffet will include coffee, tea, and soft drink. Adults \$30.00, Kids 12 and under \$21.00. Costs are per person and include dinner, tax and gratuity. Cocktails are not included, but available and will be billed individually.

<http://www.sonnybryans.com/restaurants/dfw/west-end.html>

RSVP: Heather Platt by January 22, 2013
hplatt@SenecaCM.com, Tel: 716-255-1462

Sonny Bryan's, 302 N. Market St., Dallas, Tx.



ASHRAE Region I 2012-13 Executive Committee & Society Contacts

DRC – Director & Regional Chair

Joseph L Furman
Automated Logic
16 Country Way
Wallingford, CT 06492-5356
W: (203)678-2208
joe.furman@automatedlogic.com

ARC – Assistant Regional Chair & Treasurer

Spencer Morasch
Jersey Central Power & Light
331 Newman Springs Rd
Bldg. 3 Suite 325
Red Bank, NJ 07701-5688
W: (732)212-4133
smorasch@firstenergycorp.com

Nominating Committee Member

Emery Otruba, P.E.
Evergreen Engineering
262 Johnson Hill Rd
Hoosick Falls, NY 12090-4615
W: (518)225-2771
eotruba@verizon.net

Nominating Committee Alternate

Russell J Stuber
U & S Services Inc
233 Fillmore Ave Ste 11
Tonawanda, NY 14150-2316
W: (716)693-4490
stuberr@usservicesinc.com

Nominating Committee 2nd Alternate

Darcy A Carbone
Stebbins-Duffy, Inc.
6 Damon Rd
Medford, MA 02155-2903
W: (617)957-2567
dcarbone@stebbinsduffy.com

RVC Membership Promotion

Richard E Vehlow, PE
NYS OGS BU1
33Rd Fl Corning Tower
Albany, NY 12242-0001
W: (518)474-2471
Rev1969@gmail.com

RVC Research Promotion

Chris Phelan
Thermco
228 Scoles Ave
Clifton, NJ 07012
W: (617)957-2567
chrishelan@thermcoreps.com

RVC Chapter Technology Transfer

Alexander Weiss, PE
8 Bergen Beach Pl
Brooklyn, NY 11234-5743
W: (718)251-1154
weisseng@gmail.com

RVC Student Activities

Om Taneja, PhD, Dr.
USDSA
79 Summit Dr
Basking Ridge, NJ 07920-1960
W: (212)264-4465
om.taneja@gsa.gov

Regional Chapter Programs Chair

Peter Oppelt
R.F. Peck Co.
191 Moorland Rd
Rochester, NY 14612-3421
W: (585)227-1720
poppelt@rfpeck.com

Regional Refrigeration Chair

Mark Cambria, PE
M/E Engineering, PC.
433 State Street, Suite 410
Schenectady, NY 12305
(W) 518.533.2171
mcambria@meengineering.com

Regional Historian

Alexander Weiss, PE
8 Bergen Beach Pl
Brooklyn, NY 11234-5743
W: (718)251-1154
weisseng@gmail.com

Regional Electronics Communication Committee Chair & Newsletter Judge

Heather L. Platt, P.E.
SCMC, LLC.
PO Box 1031
Niagara Falls, NY 14304
W: (716)255-1462
HPlatt@SenecaCM.com

Regional Electronics Communication Committee Alternate

Kevin Gallen, P.E.
Gallen Engineering, PC

Regional Representative

Garry N. Myers
WSP Flack + Kurtz
73 Bonnie Way
Allendale, NJ 07401-1127
W: (212)951-2815
Garry.Myers@wspfk.com

Regional Young Engineers in ASHRAE

Cara S Martin
Novus Engineering
25 Delaware Ave.
Delmar, New York 12054
W: (518)439-8235
cmartin@novusengineering.com

Director of Member Services

Carolyn Kettering
ASHRAE
1791 Tullie Circle, N.E.
Atlanta, GA 30329
404.636.8400
ckettering@ashrae.org

Director of Communications and Publications

Jodi Scott
ASHRAE
1791 Tullie Circle, N.E.
Atlanta, GA 30329
404.636.8400
jdunlop@ashrae.org

ASHRAE Learning Institute

Seminars & Courses at ASHRAE's Winter Conference and AHR Expo in Dallas, TX

2 WAYS TO REGISTER

Internet: www.ashrae.org/dallascourses

Phone: Call 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

Full-Day Professional Development Seminars

\$485/\$395 ASHRAE Member -- Earn 6 PDHs/AIA LUs or .6 CEUs

The Commissioning Process in New & Existing Buildings

Saturday, Jan 26 – 8:00 a.m. to 3:00 p.m.

Complying with Standard 90.1-2010

Tuesday, Jan 29 – 9:00 a.m. to 4:00 p.m.

Data Center Energy Efficiency

Saturday, Jan 26 – 8:00 a.m. to 3:00 p.m.

Energy Modeling Best Practices and Applications:

HVAC/Thermal

Tuesday, Jan 29 – 9:00 a.m. to 4:00 p.m.

Healthcare Facilities: Best Practice Design & Applications

Saturday, Jan 26 – 8:00 a.m. to 3:00 p.m.

Half-Day Short Courses

\$159/\$119 ASHRAE Member -- Earn 3 PDHs/AIA LUs or .3 CEUs

Air-to-Air Energy Recovery Fundamentals

Sunday, Jan 27 – 2:00 p.m. to 5:00 p.m.

Commissioning Process & Guideline 0

Monday, Jan 28 – 2:45 p.m. to 5:45 p.m.

Humidity Control: Applications, Control Levels and Mold Avoidance

Sunday, Jan 27 – 2:00 p.m. to 5:00 p.m.

Evaluating the Performance of LEED®-Certified Buildings

Monday, Jan 28 – 2:45 p.m. to 5:45 p.m.

Air-to-Air Energy Recovery Applications: Best Practices

Monday, Jan 28 – 8:30 a.m. to 11:30 a.m.

Optimization of HVAC Systems & Components: Techniques & Real-World Examples

Tuesday, Jan 29 – 9:00 a.m. to 12:00 p.m.

Application of Standard 62.1-2010: Multiple Spaces Equations & Spreadsheet

Monday, Jan 28 – 8:30 a.m. to 11:30 a.m.

Energy Management in New and Existing Buildings

Tuesday, Jan 29 – 9:00 a.m. to 12:00 p.m.

Combined Heat & Power: Design through Operations

Monday, Jan 28 – 8:30 a.m. to 11:30 a.m.

Avoiding IAQ Problems

Tuesday, Jan 29 – 9:00 a.m. to 12:00 p.m.

Understanding Standard 189.1-2011 for High-Performance Green Buildings

Monday, Jan 28 – 2:45 p.m. to 5:45 p.m.

Designing Toward Net Zero Energy Commercial Buildings

Tuesday, Jan 29 – 1:00 p.m. to 4:00 p.m.

Introduction to Ultraviolet Germicidal Irradiation (UVGI) Systems

Monday, Jan 28 – 2:45 p.m. to 5:45 p.m.

Understanding & Designing Dedicated Outdoor Air Systems

Tuesday, Jan 29 – 1:00 p.m. to 4:00 p.m.

Laboratory Design: The Basics and Beyond

Tuesday, Jan 29 – 1:00 p.m. to 4:00 p.m.

HVAC Design Training

Jan 14-18, 2013 • Jan 30-Feb 1, 2013 (Level I only) • Mar 18-22, 2013 • Jun 3-7, 2013 • Aug 12-16, 2013

HVAC Design: Level I - Essentials

Gain practical skills and knowledge in designing, installing and maintaining HVAC systems that can be put to immediate use. The training provides real-world examples of HVAC systems, including calculations of heating and cooling loads, ventilation and diffuser selection using the newly renovated ASHRAE Headquarters building as a living lab.

HVAC Design: Level II - Applications

Developed by industry-leading professionals, the workshop provides participants with advanced level information about designing, installing and maintaining HVAC systems that can be put to immediate use. Participants will gain an in-depth look into Standards 55, 62.1, 90.1, and 189.1 and the Advanced Energy Design Guides, as well as a range of other HVAC topics including: HVAC equipment and systems; energy modeling; designing mechanical spaces; designing a chiller plant; and BAS controls.

Visit www.ashrae.org/hvacdesign to register

Bellenger Book Corner



WELCOME TO THE BELLENGER BOOK CORNER

Mrs. Lynn G. Bellenger was an avid reader and supporter of continuing education. She encouraged local firms to create internship opportunities for aspiring engineers in order for them to gain more experience.

Lynn had an extensive library collection of books ranging from introductory HVAC and hydronic systems to controls and energy efficiency manuals written by colleagues and friends that she had met through ASHRAE.

This section is dedicated in Lynn's honor to provide additional reading materials relevant to the ever-changing technology in the HVAC field. We hope this will be an especially valuable section for young engineers who are just starting their careers.

IN THIS ISSUE: ASBESTOS CODES AND STANDARDS

29 CFR 1910.1001, "Asbestos" (OSHA)

29 CFR 1926.1101, "Asbestos " (OSHA)

40 CFR 61, Subpart M,
"National Emission Standard for Asbestos" (EPA)

40 CFR 763 Subpart E
"Asbestos Containing Materials in Schools" (EPA)

12 NYCRR Part 56,
"Asbestos", Industrial Code Rule 56 (DOL)

6 NYCRR, Parts 360 and 364
Disposal and Transportation (DEC)

10 NYCRR, Part 73,
"Asbestos Safety Program Requirements" (DOH)

8 NYCRR Part 155,
Regulations of the Commissioner of Education (SED)

Website Links:

<http://www.epa.gov/asbestos/vermiculite.html>

<http://www.oracleasbestos.com/history-of-asbestos/>

<http://www.law.cornell.edu/uscode/text/15/2607>

May 18, 1999 EPA Asbestos Materials Bans: Clarification

If you know of a good manual that you would like to share with us, please send it to the newsletter editor Jaimee Wilson at jwilson@pathfinder-ea.com. **In order to keep with ASHRAE's** goal of supporting continuing education without commercialization, we ask all reading materials recommended for this section be either ASHRAE sponsored or non-vendor specific.

The appearance of any technical data, editorial material or advertisement in ASHRAE.org or any of its electronic publications does not constitute endorsement, warranty or guarantee by ASHRAE of any product, service, process, procedure, design or the like. ASHRAE does not warrant that this information is free of errors and ASHRAE does not necessarily agree with any statement or opinion contained therein.



Your technical training provider presents... **Air Conditioning Fundamentals 2013**

Target Audience: Essentially anyone who wants to broaden their base in fundamentals will greatly benefit.

- ❖ **Engineer:** Sales, Consulting, Designer, Draftsman
- ❖ **Non-Engineer:** Technical Assistant, Application Specialist, Project Manager, Technician, Contractor, Estimator

Primary Benefit: Students will enjoy learning as much practical knowledge as possible about Air Conditioning Fundamentals. Students won't waste a great deal of time in theory. The typical student can immediately apply what he/she learns upon returning to their office. Past attendees have enhanced their overall confidence and found many ways to apply their recently acquired knowledge.

2013 Course Offerings (Rochester, NY): (these classes are 3-days; Tuesday - Thursday)

- [] Feb 19-21 '**Refrigeration Fundamentals**' (Refrig Basics, Refrig Piping, Refrig & Our Environment)
- [] May 21-23 '**Energy Efficient Design Fundamentals**' (Chiller-Side, Air-Side, System Controls, Energy Recovery)
- [] Jun 18-20 '**Product Fundamentals**' (AHU, WSHP, RTU, Chillers, Fan Coils, UV)

2013 Course Offerings (Harrisburg, PA): (these classes are 3-days; Tuesday - Thursday)

- [] Mar 19-21 '**Airside Fundamentals-I**' (Load Design and Psychrometrics)
- [] Apr 16-18 '**Airside Fundamentals-II**' (Duct Design, Fans & Fan Laws & Acoustics)
- [] Sep 17-19 '**Systems Fundamentals**' (HVAC Systems, Dehumidification, IceStorage-LowTempAir, Bldg Pressurization)

2013 Fall Intro Series (Harrisburg, PA): (these classes are held from 5:00 - 8:00 pm Thursdays)

- [] Sep 26 - Oct 31 '**Introduction to Air Conditioning Fundamentals**' (6-Thursday evening series covering each of the above topics in a 3-hour 'big-picture overview')

Note: For more information about each of these classes, log onto BeckerLearning.com

Registration Deadline: Each course will be filled on a first-come-first-reserved basis (established by receipt of payment).

Contact: Joe Becker, Becker Learning / 106 Needlewood Drive / Harrisburg, PA 17112
Phone: (585) 317-0000 Email: Joe@BeckerLearning.com

More Details for 3-day courses:

Where: We will hold the 3-day classes at the local hotels listed below. These hotels will hold a block of rooms at the Becker Learning discounted price up until 30-days before the class - so please make your reservations right away. All you need to do is let them know that you are part of the Becker Learning group.

* Rochester, NY (*Greece*): Homewood Suites at 400 Center Place Drive, Rochester, NY 14615 - (585) 865-8534 at the Becker Learning rate of \$109/night

* Harrisburg, PA: Holiday Inn Express at 4021 Union Deposit Road, Harrisburg, PA 17109 - (717) 561-8100 at the Becker Learning rate of \$99/night (for Air-1 & Air-2) and \$109/night (for Systems)

Time: We will start each morning at 8:00 AM and end by 5:00 PM (except Thursday when we end by 4:00 PM for travelers)

Food: Lunch, mid-morning and mid-afternoon snacks & drinks are provided.

What is not included: Transportation, other meals & lodging.

Travel: Arrival: Since the seminar starts at 8:00 a.m., plan to arrive the night before.

Departure: You can book flights out of Rochester or Harrisburg International Airports as early as 5:30 p.m. on Thursday since both of our Hotel locations are less than 10-miles from their airport.

More Details for 6-night Fall Intro Series (Harrisburg, PA):

Where: This class will be held at the local Trane Office: 3909 TecPort Drive, Harrisburg, PA 17111. The class will run from 5:00 - 8:00 pm. A light meal is provided for your convenience.

Registration: Please fill out this form for each person attending, and mail it along with a **Check or Purchase Order** (made out to 'Becker Learning') to:

Becker Learning / 106 Needlewood Drive, Harrisburg, PA 17112

Payment Deadline: Complete Payment must be received prior to the start of the class.

2013 Courses: Rochester, NY <input type="checkbox"/> Refrigeration <input type="checkbox"/> Energy Eff. Design <input type="checkbox"/> Products Harrisburg, PA <input type="checkbox"/> Airside-I <input type="checkbox"/> Airside-II <input type="checkbox"/> Systems <input type="checkbox"/> Fall 6-night Intro Series (check all that apply)			
Name: _____		Title: _____	
Company Name: _____			
Address: _____			
Phone: ()		Email: _____	

Type	# of Courses	\$/course	Total Cost \$	Check # or PO #
3-day		\$1,100		
6-night		\$550		

Authorizing Person

Printed Name	Signature	Date

*****If a PO is given, full payment must be received prior to the first day of class.**

Cancellation Policy:

- If someone cancels 60-days prior to the start of the class => no cancellation charge.
- If someone cancels 30-60 days prior to the start of class => 50% cancellation charge
- If someone cancels less than 30-days before the start of class, or simply doesn't show up => charged the full amount

Teaching Methodology:

Similar to the way Joe taught nine classes in the Graduate Training Program of The Trane Company, students will learn a concept and then immediately apply this new knowledge with an application problem. Quiz/testing will also be used to measure the overall effectiveness of the teaching. In this way, the program receives continual improvement through direct feedback.

About the Instructor:

Joe Becker is a graduate of the University of Wisconsin-Madison with degrees in Naval Science and Industrial Engineering (1979). He is also a Graduate from the U.S. Naval Nuclear Power School at Mare Island, California (1975). Joe is a registered Professional Engineer (Wisconsin 1990).

After nine years in the Navy, Joe resigned his Commission in the Civil Engineer Corps. Since graduating from Trane's GTP class of 83-II, he worked as a Systems Engineer in C.D.S., Marketing Engineer in the Variable Air Volume Product Group, Manager of Technical Training in GTP, Sales Engineer, Sales Manager in Rochester/Syracuse & Regional Sales Manager for the NE Territory.

Joe currently works part-time for Trane's East Territory & provides technical training through Becker Learning.

BL2013NT.121015



**AMERICAN SOCIETY OF HEATING, REFRIGERATING
AND AIR CONDITIONING ENGINEERS**

ROCHESTER, NEW YORK CHAPTER

November 12, 2012

LOCATION: Marios Rochester, NY

President	Michelle Sommerman	X
President Elect/Program	Robert Wind	X
Vice President/Tech/Picnic Co-Chair	Ed Burns	X
Secretary	Christina Walter	X
Treasurer	Jeff Close	X
Immediate Past President/CRC	Jeff Ellis	X
Attendance	Tim Duprey	X
Awards/Student Activities	Al Rodgers	
Buyers Guide	Chuck White	
Historian	Lee Loomis	X
Board of Gov. (3)	Eric Smith	X
Board of Gov. (3) Newsletter	Jaimee Wilson	X
Board of Gov. (2) Membership	Bill Clark	X
Board of Gov. (2)	Beth Smith	
Board of Gov. (1) Research	Paul Kenna	X
Board of Gov. (1) CTTC Chair	Derrick Day	X
Website	Kevin Wind	
Refrigeration	Michael Nohle	
Nominating / Picnic Co-Chair	Jim Browe	
Valentine's Dinner Dance	Jody M. McGarry	
YEA Chair	Chris Lukasiewicz	
Education	Bill Murray	X
Publicity	Mark Kukla	

Meeting Minutes

Roll Call: The above noted individuals were present.

Call to Order: 10:15 am

Minutes:

- **Previous Meeting Minutes** - Motion made and accepted to receive previous meeting minutes.
- **Treasurer's Report** : Jeff Close
 - Jeff and Michelle met with David Hartman to review the financial accounts
 - Budget report was handed out for review
- **Program/ Tech Session:** Rob Wind / Ed Burns
 - Discussed speaker gift ideas
 - Joint mtg w/ AEE Jan 14th "Road Ahead for Facilities Optimization"
 - Joint mtg w/ SMACNA in Feb @ German House? Evening meeting?
 - Refrigeration tour in March, Alpina yogurt plant? Other suggestions?
 - ASHRAE President, Tom Watson to visit April 18th Batavia Holiday Inn
- **Tech Awards:** Derrick Day
 - Requirements for Technology Awards appeared in the Newsletter. Ideas for Technology Submissions are requested.
- **Membership:** Bill Clark
 - 2 new members: Cheryl Dill, Hendrick Shank
- **Attendance:** Tim Duprey
 - October meeting 55 attendees
 - November meeting: 60 RSVP's
- **Student Activities:** Jaimee Wilson
 - Al and Jaimee waiting to meet with Carl Lundgren at RIT, student liaison, to discuss the RIT student group and the changes that have occurred.
 - Architectural Engineering being discussed at specific schools
- **YEA:** Derrick Day
 - Fundamental Design YEA Tech Sessions are wrapping up. The classes have gone well so far.
- **Research:** Paul Kenna
 - Full Circle deadline November 15th (minimum \$100 each) – this is required of all local chapter officers and the Research Promotion chair
 - Donor Recognition to occur at December meeting
 - January 14th will be research promotion night

Meeting Minutes

- **Newsletter:** Jaimee Wilson
 - Requested President's letter to be submitted by November 10th, as well as the December meeting write-up for the RES
 - November 20th is the submission deadline for the Dec newsletter
- **Buyer's Guide:** Chuck White not present.
 - No report
- **Historian:** Lee Loomis
 - If you have any historical HVAC 'stuff' in your possession and you would like to share it with us, please contact Lee L.
 - Lee hopes to start putting together a monthly 'history' report for the chapter newsletter which would consist of history interviews of retired members.
- **Website:** Kevin Wind (not present)
 - Updates continue to be made to the website.
- **Valentine's Dinner Dance:** Jody McGarry (not present)
 - Can we honor 'Past President's' at that event?
 - Confirm the date is Friday evening, Feb 8th.
- **Old Business:**
 - Privacy Option, can we still email members re: monthly meetings?
 - MOPS updates for committee chairs
 - Monthly PAOE updates would be appreciated
- **New Business:**
 - January Winter meeting
 - Community Sustainability projects (ie: Habitat for Humanity?)
 - Tim Duprey to be the Chapter Electronics Chair
- **Next Meeting:** December 7th, 12:00 PM at VP Supply
- The meeting was adjourned at 11:30 am

WELCOME TO OUR NEW MEMBERS



Evan DeCotis	New York Power Authority
Thomas Garner	Erdman Anthony
Vivek Girisan	CHA LLP
Steven Hollis	Erdman Anthony

2012-2013 Presidential Award of Excellence Summary

Chapter #	Chapter Name	Chapter Members	Member Promotion	Student Activities	Research Promotion	Chapter Technology Transfer	History	Chapter Operations	Chapter PAOE Totals
11	Rochester	244	0	0	270	200	450	100	1020

Roll Call: ASHRAE Responds ‘Present’ in STEM Education Efforts

ATLANTA—The United States produces approximately 74,000 engineers a year, a number that has remained essentially flat for the past two decades. With the impending retirement of the Baby Boomer generation, an anticipated shortage of engineers will affect virtually every aspect of our environment, society and lifestyle. ASHRAE is increasing its efforts in expressing the importance of science, technology, engineering and math (STEM) education – most notably, in the area of public policy.

To accomplish this, ASHRAE has joined the STEM Education Coalition. The Coalition works to inform federal, state and local policymakers on the critical role that STEM education plays in keeping the U.S. competitive in the global marketplace, as well as in guaranteeing future economic prosperity. The Coalition advocates for policies that will improve STEM education and provide greater access to STEM programs. As members of the Coalition’s Leadership Council, ASHRAE will work with other member organizations to advance the Coalition’s policy aims through direct advocacy and grassroots education efforts.

“I took an interest in engineering when I was very young, and my science and math classes in school only fueled that curiosity.” Tom Watson, ASHRAE president, said. “Working with the STEM Education Coalition demonstrates ASHRAE’s commitment to education, and we are eager to be a part of high-level discussions and collaboration to promote such important educational topics.”

ASHRAE hopes to unite its grassroots efforts with other organizations of the coalition that have similar goals at the state and local level. For example, ASHRAE encourages policymakers to implement the following recommendations:

- Increase federally funded research to improve teaching and learning of STEM concepts and critical thinking skills.
- Recruit, train and retain qualified STEM teachers through the development of programs recognizing educators who excel in STEM education, and incentives that encourage the best and brightest scientists and engineers to teach.
- Foster partnerships among educational institutions, industry, and non-profit organizations and their members.
- Encourage the adoption of curriculum standards that cultivate high student performance; the development of curricula that foster creativity, experiential problem solving and critical thinking; and the development of assessments aligned with these standards and curricula.
- Create opportunities and incentives for women and minorities to pursue STEM coursework and careers.

ASHRAE also provides resources for its members to reach out to schools and students to promote STEM education. An online resource guide for kindergarten through 12th grade is available at www.ashrae.org/ashraek12. The site includes suggested classroom projects, career videos from the Society and materials for teacher use.

ASHRAE, founded in 1894, is a building technology society with more than 50,000 members worldwide. The Society and its members focus on building systems, energy efficiency, indoor air quality, refrigeration and sustainability within the industry. Through research, standards writing, publishing and continuing education, ASHRAE shapes tomorrow’s built environment today.

Society News—Standards Update

ASHRAE to Hold “Breaking News” Standards Update at 2013 Winter Conference

ATLANTA – “Extra! Extra! Hear All About It!” Attendees at ASHRAE’s 2013 Winter Conference will be the first to learn about the latest goings-on related to Society standards as part of the technical program.

The 2013 Winter Conference, www.ashrae.org/dallas, takes place Jan. 26-30 at the Sheraton Dallas. The International Air-Conditioning, Heating, Refrigerating Expo® (AHR Expo), www.ahrexpo.com, held in conjunction with the Winter Conference, runs Jan. 28-30 at the Dallas Convention Center.

The technical program features more than 200 sessions and offers the opportunity to earn a year’s worth of PDHs, NY PDHs, AIA LUs and LEED AP credits and runs Jan. 27-30.

Among the sessions is a seminar, “Conference Breaking News on Standards 90.1, 62.1 and 189.1,” 2:30 – 4 p.m. Monday, Jan. 28. Updates on the activities of the committees overseeing Standards 90.1 (ANSI/ASHRAE/IES Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings), 62.1 (ANSI/ASHRAE Standard 62.1-2010, Ventilation for Acceptable Indoor Air Quality) and 189.1 (ANSI/ASHRAE/USGBC/IES Standard 189.1-2011, Standard for the Design of High-Performance, Green Buildings Except Low-Rise Residential Buildings) will be shared by the committee chairs.

“The track deals with two well known and pervasive standards in our industry,” Jon Cohen, who is chairing the track, said. “The third is a newer standard that has seen instant recognition and popularity, especially in light of our industry trend toward sustainability and net zero buildings. The fourth presentation goes hand in hand with the three standards. There are always advantages and disadvantages to achieving efficiency. Sometimes they must be weighed against each other. No matter what the decision, understanding consequences is important in design.”

Wade Conlan, a member of ASHRAE’s Conference and Exposition Committee who serves as technical chair for the Conference, said the goal in scheduling the program was two-fold.

“We wanted to provide a ‘breaking news’ program for the attendees as the presenters are talking about the latest and greatest changes/updates to the standards in a single program,” he said. “We also wanted to provide something that attendees can take back to their employers that will be as current as if you were on the committees.”

Presentations and speakers are:

- Advantages and Disadvantage of Alternative Formats to Achieve More Efficient Energy Codes for Commercial Buildings (DA-13-C017), Michael Rosenberg, Pacific Northwest National Laboratory, Richland, Wash.
- Standard 90.1, Stephen Skalko, P.E., Portland Cement Association, Macon, Ga.
- Standard 189.1, Dennis Stanke, Trane, La Crosse, Wis.
- Standard 62.1, Roger Hedrick, Architectural Energy Corp., Boulder, Colo.

The session is part of an overall track dedicated to standards, guidelines and codes.

“The track highlights an extremely important aspect of ASHRAE, the development of standards,” Cohen said. “The track is not exclusive to ASHRAE standards, as other industry standards are important to our membership, but ASHRAE standards are an important and highly publicized portion of the Society.”

Society News—Standards Update (cont'd)

ASHRAE to Hold “Breaking News” Standards Update at 2013 Winter Conference (Continued)

Other sessions in the track are:

Forum: “Energy Monitoring of Systems and Equipment in ASHRAE Standards 90.1 and 189.1: How Far Should Building Codes Go?” 9:45-10:45 a.m., Jan. 28. Standard 189.1-2011 includes mandatory requirements for measurement devices with remote communication capability for energy sources above specified thresholds. Starting in 2013, Standard 90.1 will also require submetering of specific equipment or systems, but its provisions are based on different criteria and thresholds. This forum seeks input on issues related to energy consumption management in ASHRAE standards.

Seminar: “How Federal and State Energy Policy Impact ASHRAE Members,” 2:30-4:30 p.m., Jan. 28, examines how federal and state government energy policy impacts ASHRAE and its members’ work on a day-to-day basis and the ways in which members may participate more fully in the crafting of laws and regulations guiding the HVAC&R field.

Presentations and speakers are:

- Federal Energy Efficiency Policy, Kathleen Hogan, Ph.D., Office of Energy Efficiency & Renewable Energy, U.S. Department of Energy, Washington, D.C.
- State and Local Energy Efficiency Policy, Kateri Callahan, Alliance to Save Energy, Washington, D.C.
- History, Current Status, and Possible Future of Standard 90.1, Stephen V. Skalko, P.E., Portland Cement Association, Macon, Ga.

Forum: “Specifying BAS Networks and Integration: Ensure that Guideline 13 Provides the Guidance You Need!,” 9:45-10:45 a.m., Tuesday, Jan. 29. Guideline 13, Specifying Direct Digital Control Systems, provides recommendations for specifying building automation systems, as well as recommendations for specifying integration of other building systems into a building automation system. Since this Guideline was originally published, the landscape of networks and integration has changed significantly as existing technologies and architectures have matured and additional system architectures have emerged. The committee updating Guideline 13 is seeking to provide better and more current guidance for specifying BAS network infrastructure and integration.

Seminar: “Energy Benchmarks: Setting Standards or Feeding Fantasies?” 11 a.m.-12:30 p.m., Jan. 29. This seminar presents aspects of energy benchmarks that reflect their evolution, their perception, their fiscal value and their application in the fairly mature, and increasingly congested, European market.

Presentations and speakers are:

- Energy Benchmarks: Mirage or Reality? Hywel Davies, Ph.D., Chartered Institution of Building Services Engineers, London, England
- Financial Advantages of Benchmarked Buildings and MEP Systems, David Arnold, Ph.D., London South Bank University, London, United Kingdom
- Benchmarking: Gaming or Winning?, David Fisk, Ph.D., Imperial College London, London, United Kingdom

Society News—Standards Update (cont'd)

ASHRAE to Hold “Breaking News” Standards Update at 2013 Winter Conference (Continued)

Seminar: “Building Labeling in Europe: European Standardization to Meet the Energy Performance Directive,” 1:30-3 p.m., Jan. 29. In the United States, Leadership in Energy and Environmental Design (LEED), ENERGY STAR and ASHRAE’s Building Energy Quotient (bEQ) are being used to label building energy performance. In the European Union, countries follow the Energy Performance of Buildings Directive (EPBD). The session reviews the European initiatives to evaluate building energy performance and to couple energy use with environmental quality.

Presentations and speakers are:

- EU Mandate to Develop the Second Generation Energy Performance Standards, Jaap Hogeling, ISSO, Lienden, Netherlands
- Nearly Zero Energy Buildings Definitions and System Boundaries: The REHVA View, Jarek Kurnitski, Dr.Ing., Finnish Innovation Fund Sitra, Helsinki, Finland
- Revision of EN15251: Indoor Environmental Criteria Bjarne W. Olesen, International Center for Indoor Environment and Energy, Technical University of Denmark, Lyngby, Denmark

Seminar: “Modeling SEER Rated Equipment,” 9:45-10:45 a.m., Jan. 30. The Performance Rating Method of Standard requires the modeling of seasonal energy efficiency ratio (SEER) rated equipment in various baseline systems types. This can create issues if your modeling software does not accept SEER as an explicit input. What is SEER and how is it defined? Is there a conversion between SEER and energy efficiency ratio (EER)? The presentation and speaker is Modeling Part-Load Performance for SEER Rated Equipment, Duncan Synan McClellan, P.E., Clark Nexsen, Norfolk, VA

Seminar: “ASHRAE Position on Limiting Indoor Mold and Dampness in Buildings, Unvented Combustion Devices and Indoor Air Quality: Review of Three Recently Published ASHRAE Position Documents,” 11 a.m.-12:30 p.m., Wednesday, Jan. 30. The seminar reviews three recently published Position Documents from ASHRAE on indoor mold and dampness in buildings, unvented combustion devices and indoor air quality.

Presentations and speakers are:

- The Revised ASHRAE Position Document on Limiting Indoor Mold and Dampness in Buildings, Lew Harriman, Mason Grant, Portsmouth, N.H.
- ASHRAE Position Document on Unvented Combustion Devices, Paul W. Francisco, University of Illinois, Champaign, Ill.
- ASHRAE Position Document On Indoor Air Quality, Chandra Sekhar, National University of Singapore

ASHRAE, founded in 1894, is a building technology society with more than 50,000 members worldwide. The Society and its members focus on building systems, energy efficiency, indoor air quality, refrigeration and sustainability within the industry. Through research, standards writing, publishing and continuing education, ASHRAE shapes tomorrow’s built environment today.



Shaping Tomorrow's
Built Environment Today

ASHRAE has certified more than 1,000 HVAC professionals. Are you one of them? Earn recognition for your knowledge and expertise.

The 2013 ASHRAE Winter Conference and AHR Expo in Dallas will bring together more than 30,000 visitors from around the world to learn, network, and buy and sell HVAC&R products and services. All six of ASHRAE's certification exams will be administered at the conference.

- **Building Energy Assessment Professional (BEAP)**
- **Building Energy Modeling Professional (BEMP)**
- **Commissioning Process Management Professional (CPMP)**
- **Healthcare Facility Design Professional (HFDP)**
- **High-Performance Building Design Professional (HBDP)**
- **Operations & Performance Management Professional (OPMP)**

To participate in this exam administration, please submit an application by January 14, 2013 for the program in which you're interested. There will be no on-site registration and seating is limited. To get started, go to www.ashrae.org/ASHRAEcertificationatAHR to find out more about the programs. Each program has its own Candidate Guidebook that contains important information about eligibility criteria and available resources to help prepare for the exam. We encourage you to read the Guidebook before completing a program's application.

Take advantage of the opportunity to earn an ASHRAE certification while you're attending ASHRAE's Winter Conference and AHR Expo. I look forward to seeing you in Dallas!

Erin Dupree

Communications Coordinator - Certification

American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.

A N I N T E R N A T I O N A L O R G A N I Z A T I O N

ASHRAE Honors and Awards – Opportunities for Recognition of Outstanding Achievements

Submitted by J. Thomas Sobieski,

2012-13 Honors and Awards Committee Personal Awards
Subcommittee Chair

Each year, ASHRAE recognizes professionals who are making strides in the industry. Do you know that ASHRAE's awards fall into six categories?

1. Personal Honors
2. Personal Awards for General Society Activities
3. Personal Awards for Specific Society Activities
4. Paper Awards
5. Society Awards to Groups or Chapters
6. Chapter and Regional Awards



There are two important deadlines for submission of nominations to the Society Honors & Awards (H&A) Committee:

December 1:

Honorary Member

Fellow

F. Paul Anderson

Distinguished Public Service

Hall of Fame

Pioneers of the Industry

May 1:

Louise & Bill Holliday

Distinguished Fellow

Andrew T. Boggs Service

Distinguished Service (DSA)

Exceptional Service (ESA)

Distinguished Fifty-Year Member

There are other Awards, such as the E. K. Campbell Award of Merit, the Lincoln Bouillon Award and the John F. James International Award to name a few, that are recommended by selecting bodies other than the H&A Committee. Details such as criteria, selecting body, other deadlines, required documentation and nomination forms about all awards can be found at: <http://www.ashrae.org/honors> in easy to read text, via spreadsheet and PowerPoint format. If you need additional information, guidance and/or have a question(s), please feel free to contact Rosy Douglas at ASHRAE Headquarters, rdouglas@ashrae.org.

Are you aware that you can "self nominate" for the Distinguished Service Award (DSA) and the Exceptional Service Award (ESA)? Since these awards are granted on the basis of a point count for service to ASHRAE, you are the most knowledgeable person to determine your past services to the Society. Just be sure that your "bio" (ASHRAE Biographical Record) on the website is up to date and accurate (no double counts such as points for member and chair of the same committee for the same time period) and that your "bio" list starts and end dates for each activity.

Remember that members can only be recognized for services and/or outstanding technical achievements by the granting of ASHRAE Honors and Awards if members take the time and effort to make nominations. For forms and information, visit the H&A Web page at www.ashrae.org/honors.

Dallas Conference News



ASHRAE Conference in Dallas – Advance Registration Ends December 31!

Advance registration for ASHRAE's 2013 Winter Conference, Jan. 26-30, Dallas, Texas closes on Dec. 31. The technical program features more than 200 sessions addressing energy conservation; facility management; standards, guidelines and codes; HVAC&R systems and equipment; HVAC&R fundamentals and applications; and refrigeration. One particular track of note is Industrial and Transportation Ventilation, focusing on the industrial and manufacturing sector prevalent in Texas. The full Technical Program offers the opportunity to earn a year's worth of PDHs, NY PDHs, AIA LUs and LEED AP credits and runs Jan. 27-30.

Visit the YEA Hospitality Suite in Dallas!

Attention young professional members age 35 and younger! You are invited to visit the YEA Hospitality Suite on Sunday, Jan. 27, from 4-7 p.m. The suite offers social and networking opportunities and light refreshments will be served.

For more information on Young Engineers in ASHRAE and their activities, please visit www.ashrae.org/yea.



Student/ Young Engineers in ASHRAE (YEA) Mixer, 5:00 – 6:30 PM, FREE w/Registration

As students transition from college to the professional world, this opportunity to meet and greet young professionals in ASHRAE provides students with the opportunity to get in-depth information about the industry and growth opportunities within ASHRAE. Food, drinks and prizes will be available. The Student/YEA mixer is Saturday January 26.

Shop the ASHRAE Merchandise Store Online and in Dallas

The ASHRAE Merchandise store has added several new items to both the online store and the live location at the Dallas Winter Conference. If you need gifts for a chapter event or for a colleague, the ASHRAE Merchandise Store is the place to shop.

Here are some new items you can buy today!

[ASHRAE Sport Cup](#) - \$10

[ASHRAE Baseball Cap in Pink and Stone!](#) - \$15 each

[ASHRAE Men's Black Golf Shirt](#) - \$30

[ASHRAE Men's Blue Golf Shirt](#) - \$30



See what's new at www.ashrae.org/merchandise