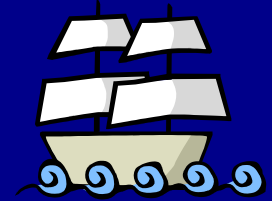


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ASHRAE Rochester



VOLUME 5, ISSUE 2

OCTOBER 1, 2010

October ASHRAE Meeting (1 PDH will be available for attendees)

Monday, October 11, 2010

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

Time: 12 PM with Buffet Lunch Served

Cost: \$25.00

Speaker: G. Christopher P. Crall PE, CCrall Consulting LLC

Topic: Insulation, The Forgotten Technology

The Story of How Mechanical Insulation Can Improve Your Business
and Benefit the Economy and the Environment

You may think you have heard this story before, but now you can get the "rest of the story." Insulation is the "Rodney Dangerfield" of the construction industry and especially among energy conservation and emission reduction initiatives. Did you know that insulation is applied but rarely engineered? Did you know that between 10% and 30% of all installed mechanical insulation is damaged or missing? Insulation can 1) reduce energy consumption and associated greenhouse gas emissions, 2) be an important part of sustainable design initiatives, 3) contribute to safety programs, 4) increase manufacturing productivity, 5) control condensation and mold growth, and 6) provide an unrivaled return on your investment. This presentation provides evidence as to the "Power of Insulation" when designed, installed and maintained properly.

Attendees will receive information on available computer software for design and analysis of insulation systems. The Mechanical Insulation Design Guide will be demonstrated and recent changes to ASHRAE 90.1 for pipe insulation thicknesses and mechanical insulation tax incentives will be reviewed.

G. Christopher P Crall PE is currently providing consulting services to the National Insulation Association in the areas of energy analysis, heat and moisture transport and insulation standards and specifications. He has over 35 years of experience in research, product development, and technical support on residential, commercial, and industrial insulation applications. He has been an ASHRAE member since 1970 and is the past chairman of TC 1.8 on Mechanical Insulation Systems. He was the primary author of the 2005 ASHRAE Handbook chapter titled "Insulation for Mechanical Systems" and is an active member of the ASTM Committee on Thermal Insulation (C-16).

Mr. Crall received degrees in mechanical engineering from The Ohio State University and in business from Xavier University.

Please RSVP by noon Thursday, October 7th to Tim Duprey, Phone: 585-402-5285 or dupreyt@ifsinc.net



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ASHRAE 2010-2011 Meeting Schedule

Date	Event	pdh / Theme	Location	Schedule
10/11/10	Chris Crall - National Insulation Association Insulation, The Forgotten Technology	(1) pdh available	Mario's	12:00 PM
11/08/10	ASHRAE Distinguished Lecturer Daniel Nall - Flack + Kurtz ASHRAE Advanced Energy Design Guides	Donor Recognition (1) pdh available	Mario's	12:00 PM
12/13/10	John Hamilton - Chief Operating Officer TABB How TAB Affects Green Bldgs, IAQ, and Energy Loss	Membership Promotion (1) pdh available	Mario's	12:00 PM
01/10/11	Joint Meeting with Electrical Engineers Raj V. Rajan PhD, PE - VP Engineering Upstate PV - Solar Project Update	Student / YEA Night (1) pdh available	Mario's	12:00 PM
02/12/11	Annual ASHRAE Valentines Dinner Dance	-----	TBD	7:00 PM
02/14/11	Bruce W. Majer BRD Noise and Vibration Control, Inc.	Student / YEA Night (1) pdh available	Mario's	12:00 PM
03/14/11	ASHRAE Distinguished Lecturer Gordon V.R. Holness P.E. ASHRAE Standard 100 - Energy Conservation in Existing Bldgs	Research Promotion (1) pdh available	Mario's	12:00 PM
04/11/11	Refrigeration Night TBD	-----	Tour	Dinner
05/17/11	Annual ASHRAE Golf Outing and Picnic	-----	Ravenwood Golf Club	9:30 AM Golf 4:30 - 8:00 Picnic



President’s Message: by Jim Browe

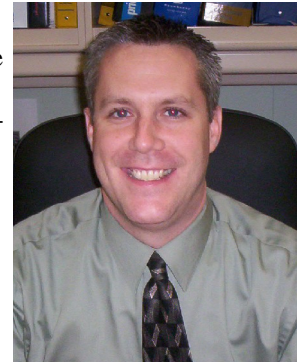
Last month, the ASHRAE Rochester Chapter held its annual kickoff clambake meeting. We decided to change the location in order to make it logistically easier to have a successful clambake. The Burgundy Basin Inn delivered. We had over 91 members sign up for this event and the clams were flowing.

During our clambake, we had someone from our local area talk to our chapter about relevant topics. At the meeting we had Aaron Hilger give us an upstate construction update. Aaron is the President of Builders Exchange Inc. which is a local construction trade association that provides many different services to its members.

No one knows for sure what the next couple of years will bring for our engineering and construction industry. It seems as though we are going to end up in 2010 15% to 20% below 2008 construction spending levels. Two thousand and eight was the best year for construction spending in the last ten years as opposed to 2010 being the worst market in over ten years.

This picture is not pleasant, but it looks like we might have leveled off and hopefully there is some light at the end of the tunnel. We have seen private money come back slowly and projects that were put on hold are coming back online since New York State finally passed the budget. Rochester is full of talented engineers and contractors that have found creative ways to be successful locally, have become construction exporters in areas outside of New York State or both.

We have put together a good series of programs this year where most of the presentations will have one PDH available. Please see our calendar for a list of dates and topics.



Jim Browe, 2010-2011 President

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.



“Advancing HVAC&R to serve humanity and promote a sustainable world”

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.

Research Promotion: by Jeff Close

ASHRAE Research Promotion

Together the Rochester Chapter raised \$20,700 during the 2009-2010 campaign through charitable contributions from local companies and individuals. The money raised through the research promotion campaign was match 100% by society to provide a grand total of \$41,400 towards research projects already underway. We are hoping that once again we can count on the continued support of all of our past contributors who have generously supported ASHRAE Research over the years. We also look forward to gaining the support of new contributors for the 2010-2011 campaign currently underway.

A special thank you to all of last year's contributors:

2009-10 Rochester Chapter Research Donors			
Gray Metal Products, Inc.	Golden Circle	Mr Joseph R VanCura	Honor Roll Donor
ASHRAE Rochester Past Presidents	ASHRAE Associate	Mr James C Browe	Honor Roll Donor
R.L. Kistler Inc.	Major Donor - Bronze	Mr Thomas E Piekunka	Honor Roll Donor
Fulton Boiler Works, Inc.	Major Donor - Bronze	Mr Jeffrey C Ellis	Honor Roll Donor
R.P. Fedder Corporation	Major Donor - Bronze	Mr Theodore K Knowles, Jr.	Honor Roll Donor
In Memory of Jim Monaco	Major Donor - Antique	Mr Joseph D Gangemi	Honor Roll Donor
Ms Lynn G Bellenger	Major Donor - Antique	Ms Michelle Sommerman	Honor Roll Donor
Slater Equipment Company Incorporated	Major Donor - Antique	Mr Jeffrey S Close	Honor Roll Donor
MECH Tech HVAC	Major Donor - Antique	Mr William P Tallie	Honor Roll Donor
Turner Engineering	Major Donor - Antique	Mr Robert Wind, Jr	Honor Roll Donor
Guckian Energy Systems LLC	Major Donor - Antique	Mr Robert C Moyer	Honor Roll Donor
Trane Company	Major Donor - Antique	Mr Peter Oppelt	Honor Roll Donor
Mr. Richard P Barrett	Major Donor - Antique	Mr Richard Rice	Honor Roll Donor
Mr. Jeffrey C Bidell	Honor Roll Donor	Johnston Equipment Company	Individual Donor
Mr Ronald C Mead	Honor Roll Donor	Genesse Heating	Individual Donor
Air Systems Balancing & Testing Service	Honor Roll Donor	Sustainable Performance Consulting	Individual Donor
H M Cross & Sons Incorporated	Honor Roll Donor	YEA - Young Engineers in ASHRAE	Individual Donor
Erdman Anthony & Associates	Honor Roll Donor	Mr Charles G White	Individual Donor
SMACNA - Rochester	Honor Roll Donor	Mr Aldo F Fioravanti	Individual Donor
Day Automation Systems Inc.	Honor Roll Donor	Mr Robert A Walton	Individual Donor
Mr William C. Schmitt	Honor Roll Donor	Mr Richard Morelle	Individual Donor
ABR Wholesalers Incorporated	Honor Roll Donor	Mr James R Brennan	Individual Donor
RF Peck Company, Inc.	Honor Roll Donor	Mr Larry Smith	Individual Donor
Mr Jeffrey M Davis	Honor Roll Donor	Mr James D Ormond	Individual Donor
Mr Lee M Loomis	Honor Roll Donor	Mr. Casey G Bernhard	Individual Donor
* Updated 07-01-2010		Ms Darcy Carbone	Individual Donor

If any one is interested in donating, but doesn't know where to begin, please contact me.

Jeffrey Close - *Research Promotion Chair*

jeff.close@pres-services.com

Mission: To improve the quality of life and to answer tomorrow's questions through research TODAY.

Over \$2million raised annually to help fund \$10million in research projects and student grant-in-aids.

Research is used to update the Society's standards and guidelines.

Contributions come from more than 6,700 members, non-members, and companies.

100% of all funds raised go directly to research projects that support the HVAC&R industry.

Active research projects are conducted all around the world at various universities and private organizations.





Introduction to Air Conditioning Fundamentals

Registration Deadline: Must call by 12:00 noon on Monday, October 4th.

6-weeks, Tuesdays from 5:00 – 8:00 pm, October 5 to November 9, 2010

Becker Learning is offering a six night series that will invest 3-hours per evening to introduce the 'big-picture' aspects of each set of topics shown below.

Target Audience: New technicians, designers, estimators, engineers, draftsman, project engineers or assistants - anyone who wants to gain a broader perspective.

Location: TRANE, 75 Town Centre Dr., Henrietta

Cost: \$495/person for all 6-classes

Day- 1: Airside Fundamentals- I

1. Load Design
 - A. Human Comfort
 - B. Cooling Load Estimation
 - C. Heating Load Estimation
2. Psychrometrics
 - A. Full Load Psychrometrics

2. Improving Dehumidification in HVAC Systems
3. The Perfect Marriage: Ice Storage + Low Temp Air Systems
4. Commercial Building Pressurization

Day- 2: Airside Fundamentals- II

1. Duct Design
 - A. Press. Variations in a Duct System
 - B. Equal Friction Duct Design
 - C. Static Regain Duct Design
2. Fans & Fan Laws
 - A. Concepts
 - B. Fan Laws
 - C. Fan Types
 - D. Fan Modulation Methods
3. Acoustics
 - A. Concepts
 - B. Acoustic Rules of Thumb
 - C. Effectiveness of a Sound Barrier

Day- 5: Energy Efficient Design

1. Intro & Paradigms & Why Comfort
2. Design Strategies for better Energy Efficiency
 - A. Chiller Strategies:
 - B. Airside Strategies
 - C. System Control Strategies:
 - D. Energy Recovery

Day- 3: Refrigeration Fundamentals

1. Basic Refrigeration
 - A. Basic Components
 - B. P-H Diagram (Pressure vs. Enthalpy)
 - C. P-V Diagram (Pressure vs. Volume)
 - D. Effect Of SST & SCT On Capacity
2. Refrigerant Piping
 - A. Primary Considerations
3. Refrigerants & Our Environment

Day- 6: Product Fundamentals

1. Air Handlers
2. Fan Coils
3. Unit Ventilators
4. WSHP
5. Rooftops
6. Chillers

Day- 4: Systems Fundamentals

1. Introduction to HVAC Systems

For more information, email

Joe@BeckerLearning.com

or call (585) 317-0000



Becker Learning: Fall 2010 Registration

6-Tuesday Evenings, October 5 through November 9, 2010 from 5:00 – 8:00

This Tuesday evening, October 5, 2010, Becker Learning is scheduled to deliver the first of a six week series entitled **“Introduction to Air Conditioning Fundamentals”**.

If your registration is in the mail, please email me or call me to let me know.

A final count must be made by Monday noon, October 4th, by calling 585-317-0000.

A. Topics (3-hour Intro/Overview for each):

- 1) Airside-I (Load Design & Psychrometrics) - Oct 5th
- 2) Airside-II (Duct Design, Fans & Fan Laws, Acoustics) - Oct 12th
- 3) Refrigeration Fundamentals (Basic Refrigeration & Refrigerant Piping) - Oct 19th
- 4) Systems Fundamentals - Oct 26th
- 5) Product Fundamentals - Nov 2nd
- 6) Energy Efficient Design - Nov 9th

B. Target Audience: New hires, assistants, estimators, project managers, draftsman, technicians or anyone who is interested in gaining a 'big-picture' overview of the topics listed above.

C. Times/Dates: 5:00 – 8:00 pm, October 5, 12, 19, 26 & Nov 2, 9

D. Location: 75 Town Centre Drive, Suite-300, Henrietta, NY (CT-NY-VT Trane's Office)

E. Cost: \$495 for all six classes (including handouts – no food or drink provided)

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

For every person in your firm who would like to attend, please fill out this form, and mail along with a **Check** or email with a **Purchase Order** (made out to 'Becker Learning'):

Becker Learning / 5980 Sheppard Road / Dansville, NY 14437

Name:	
Title:	
Company Name:	
Company Address:	
Phone:	
Email:	

Cost of 6- class package:	\$495
----------------------------------	--------------

Name of Authorizing Person:	
Check #:	
*** P.O. #:	
Date:	

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

Cancellation Policy:

- If someone cancels 30-days prior to the start of the class => no cancellation charge.
- If someone cancels 15-30 days prior to the start of class => 50% cancellation charge
- If someone cancels less than 15-days before the start of class, or simply doesn't show up => charged the full amount

Contact: Joe Becker , Becker Learning / 5980 Sheppard Road / Dansville , NY 14437

Phone: (585) 317-0000

Email: Joe@BeckerLearning.com

Welcome to ASHRAE's Government Affairs Update. Along with the Government Affairs webpage, these periodic e-mail updates feature information on government affairs related activities of interest to ASHRAE members and others interested in the built environment. Archives of previous updates are available from the government affairs webpage (<http://www.ashrae.org/advocacy>).

Please pass this information on to interested colleagues who also may subscribe from the ASHRAE Government Affairs webpage. Should you wish to unsubscribe, information appears at the end of this e-mail.

If you have any recommendations regarding content, or have questions about or would like to participate in Washington Office activities, please contact ASHRAE Government Affairs staff at (202) 833-1830 or washdc@ashrae.org.

ASHRAE Government Affairs Update, 09/24/10

- [ASHRAE Officers Meet with White House, Administration Officials](#)
- [DOE Seeks Smart Grid Comments](#)
- [HPBCCC Holds Water Quality Briefing](#)
- [WISE Internship Program Seeks Candidates](#)



[ASHRAE Officers Meet with White House, Administration Officials](#)

ASHRAE's President (Lynn G. Bellenger), President-Elect (Ronald "Ron" Jarnagin), Treasurer (Thomas "Tom" Watson), and Executive Vice President (Jeff Littleton) recently held ten meetings with officials from the White House Office of Science and Technology Policy, U.S. Environmental Protection Agency, and several offices within the U.S. Department of Energy, in addition to meetings with other stakeholder organizations within the building community.

The purpose of these meetings was to explore opportunities for increased collaboration, and to exchange information on past, current, and planned activities. Items discussed include updates on ANSI/ASHRAE/IESNA Standard 90.1 Energy Standard for Buildings Except Low-Rise Residential Buildings, and ANSI/ASHRAE/USGBC/IES Standard 189.1 Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings and ASHRAE's agreement with the International Code Council's International Green Construction Code, ASHRAE/NEMA Standard 201P Facility Smart Grid Information Model, ASHRAE's work with the National Institute of Standards and Technology's Smart Grid Interoperability Panel, ASHRAE's Building Energy Quotient program, and other items.

Several action items arose from these events, and additional follow-up will be conducted to ensure that opportunities are capitalized on.

[DOE Seeks Smart Grid Comments](#)

The U.S. Department of Energy (DOE) recently issued a Request for Information (RFI) on the policy and logistical challenges that confront smart grid implementation, as well as recommendations on how to best overcome those challenges.

ASHRAE will submit comments on this RFI, which will be based on ASHRAE/NEMA Standard 201P Facility Smart Grid Information Model.

In particular, comments on the RFI will help inform the Administration's analysis of policy challenges and possible solutions being developed by the Smart Grid Subcommittee of the National Science and Technology Council's Committee on Technology. The Subcommittee seeks to base its analysis on an up-to-date understanding of the context in which smart grid

technologies, business models and policies operate. This is the third in a series of RFIs issued by DOE regarding smart grid implementation. Prior RFIs sought comment on data access, data usage and privacy issues, and on communications requirements for the smart grid. In this RFI, DOE seeks specific input on: the best way to define the term “smart grid” for policymaking purposes; the consumer-level benefits from, and challenges to, smart grid deployment; the benefits and challenges associated with smart grid implementation on the “utility side” of the meter; the ways in which policymakers at all levels of government can share experience and resources; and the broader, economy-wide benefits and challenges associated with the smart grid.

Comments on this RFI are due to DOE by November 1, 2010. Additional information on the RFI can be found at <http://bit.ly/c9KyHx>

HPBCCC Holds Water Quality Briefing

The High-Performance Congressional Caucus Coalition (HPBCCC) held a briefing on Monday, September 13, entitled “Saving Water in the Interior of a Building.”

The briefing explored how to improve water efficiency through water heating and use in bathrooms and elsewhere throughout buildings. The briefing was moderated by Dave Viola, Director of Special Services at the International Association of Plumbing and Mechanical Officials (IAPMO), and featured presentations by Donald C. Devine - President and Chief Executive Officer of American Standard Brands, and Bob Hague - President of Hague Quality Water International and President of the Water Quality Association.

Chaired by ASHRAE, the HPBCCC is a coalition of over 100 organizations that provides a forum to exchange information, and educate and communicate important high-performance building issues to policymakers on Capitol Hill and in the building community through monthly briefings in Washington, DC. The HPBCCC focuses on the eight aspects of high-performance buildings, including: accessibility, aesthetics, cost-effectiveness, functionality, historic preservation, productivity, safety and security, and sustainability. For more information, visit www.hpbccc.org.

WISE Internship Program Seeks Candidates

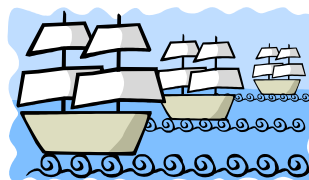
The Washington Internship for Students of Engineering (WISE) program is seeking new candidates for its 2011 summer program in Washington, DC.

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.

Twelve to 15 outstanding engineering students entering their final year of undergraduate study are selected each year in a nation-wide competition to spend ten weeks in the summer in Washington, D.C. During the internship they learn how government officials make decisions on complex technological issues and how engineers can contribute to legislative and regulatory public policy decisions and work with ASHRAE Washington staff to develop a timely policy paper. The ASHRAE Washington Office hosts an outstanding engineering student every summer through this program. Candidates selected to participate in the WISE program receive free lodging and a stipend for living expenses.

ASHRAE’s most recent WISE participant, Ramsey Brown, wrote a paper entitled “Challenges and Potential Solutions in Achieving Net-Zero Commercial Buildings through Current Building Codes and Standards Processes: A Policy Research Analysis.”

To download the 2010 WISE program application, visit <http://www.wise-intern.org/index.html>. (The Website is undergoing periodic maintenance; please check back if you receive an error message. For more information, you may also contact Mark Ames, ASHRAE Manager of Government Affairs, at mames@ashrae.org or 202-833-1830.)





ASHRAE

Technology for a Better Environment

September 15, 2010

Dear ASHRAE Members,

The 54th Annual Valentine Dinner Dance has a new twist....

*It's a Heartfelt Gala
to honor*

Lynn Bellenger, P.E.

Rochester's first ever ASHRAE National President!

This magical event will be held at the Memorial Art Gallery on Saturday, February 12, 2011. 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 make this event to honor Lynn Bellenger possible.

As always, we will be offering two complimentary dinners to corporate sponsors. Your sponsorship will be listed in the dinner program and dance fliers, 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, Lynn, and 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
ABR Wholesalers
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



ASHRAE

Technology for a Better Environment

Invoice

Advertising for February 2011 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 2011 Promotion and agree to fulfill our commitment by March 1, 2011.

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



YEA ROCHESTER

If you are 35 or younger, welcome to Young Engineers in ASHRAE (YEA). Our primary objective is to enhance member benefits by identifying activities and services focused on the needs of young professionals in the industry of HVAC and energy.

UPCOMING EVENTS

- FALL – YEA Social Hour

Meet other YEA members and the RIT ASHRAE Chapter

Location:

Lovin' Cup Bistro

300 Park Point Drive Suite 101

Rochester, NY 14623



- WINTER– YEA Technical Session

Learn the basics of Chiller Plant design and general troubleshooting techniques through a real-life application at RIT

Location : RIT Chiller Plant

- SPRING – YEA Mini-Golf and Driving Range

Practice your short game before meeting up with the ASHRAE Chapter at Ravenwood Golf Club

Location:

Auburn Creek Driving Range & Mini-Golf

7331 Victor-Mendon Rd

Victor, NY 14564



GET INVOLVED

Become a Mentor to local RIT Students

Join a Local ASHRAE Committee

Join a National ASHRAE Technical Committee

If you would like to help us plan activities and services for YEA, please join us at 1200 noon at Winfield Grill on Tuesday, 5 October 2010.

For more information, contact:

Eric Smith: esmith@turnerengineering.com

Jaimee Reynolds: jreynolds@pathfinder-ea.com

Job Postings & Help Wanted



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 Newsletter Editor, Christina Walter (585.486.2148) or by email cmwalter@trane.com

This service is available to any firm in our industry looking for knowledgeable persons in the HVAC&R industry.



**Ontario County
Department of Public Works**
2962 County Road 48
Canandaigua, New York 14424



Mechanical Systems Supervisor – The Ontario County Public Works Department currently has a full time opening for a Mechanical Systems Maintenance Supervisor located in Canandaigua, New York.

This position is responsible for developing and administering the preventative maintenance program, the capital repairs/replacement plan and energy management system for the County's mechanical systems. The job also includes administering contracts for building modifications, contracted repairs, and construction (renovation) projects. The supervisor may perform hands-on repair work, small system design and be available as a resource to help resolve HVAC and mechanical technical problems. The Mechanical Systems Supervisor oversees the staff of five Building Maintenance Mechanics. Daily staff work assignments are given by a direct report with input from the Mechanical System Supervisor.

The candidate should have a minimum of 4 years related experience or an Associates Degree in related engineering technology and/or mechanical engineering plus at least two years of full time experience. Salary range is \$60,000-\$78,000 depending on experience.

Application and further information, contact Ontario County Dept of Human Resources, 3019 County Complex Drive, Canandaigua, NY (585)396-4465 or 83 Seneca Street, Geneva (Mondays & Wednesdays only) at (315-719-0321) or visit website www.co.ontario.ny.us/humanresources EOE by October 20, 2010.

2010-2011 Presidential Award of Excellence Summary

Chapter #	Chapter Name	Chapter Members / Students	Member Promotion	Student Activities	Research Promotion	Chapter Technology Transfer	History	Chapter Operations	Chapter PAOE Totals
11	Rochester	250 /26	0	120	0	0	0	0	120



Society News: ASHRAE hold all the sustainability cards, Winter Conference to be held in Las Vegas

ATLANTA—Las Vegas, Nev. continues to build upon its reputation as a vibrant showcase for the extraordinary by offering the grandest hotels, the biggest stars in entertainment and, of course, the brightest lights. It's no wonder that the world's biggest HVAC Expo and the largest membership-based HVAC&R engineering society have chosen the city as the site of the ASHRAE 2011 Winter Conference and AHR Expo.

The extravagant setting of Las Vegas serves as a unique contrast to ASHRAE's Winter Conference theme of A Safe Bet: Zero-Energy Design. It is sure to highlight the importance of finding the balance in design. The 2011 Winter Conference takes place January 29-February 2 at the Las Vegas Hilton. The International Air-Conditioning, Heating, Refrigerating Expo®, held in conjunction with the Winter Conference, will run January 31-February 2. The Expo is held at the Las Vegas Convention Center, a short distance from the Hilton, the Conference headquarters hotel.

In keeping with ASHRAE's goal of continuing education the Conference offers over 200 Professional Development Credits, as well as Continuing Education Units, which can be applied toward a

Professional Engineering license.

The technical program features more than 90 programs and 300 speakers addressing the efficient use of energy in new and existing buildings, refrigeration updates, applications including data centers, laboratories, healthcare facilities, the real cost of zero-energy design and other topics related to design, standards, codes and professional skills. Nearly all of the technical program sessions will be approved for NY PDHs and by USGBC for GBCI CE hours for LEED professionals. The Las Vegas Virtual Conference, included with paid attendees' registrations, will be available to non-attendees.

Six Professional Development Seminars and 14 Short Courses are offered to help industry professionals stay up-to-date on industry trends. ALI offers a new course on building energy modeling that focuses on HVAC&R systems and updates to courses covering Standards 62.1 and 90.1 to reflect changes in the 2010 versions of these standards from previous versions.

Additionally, ASHRAE continues to listen to the market and launches a sixth certification program in conjunction with the 2011 Winter Conference. This new program targets Energy Assessors/Energy

Auditors and is appropriate for those individuals who perform energy assessments or audits for commercial, industrial or residential buildings. More information can be found at www.ashrae.org/certification.

This winter's technical tours spotlight how technology developed by ASHRAE members is practically applied to buildings and include the central plant at Planet Hollywood and MGM Center and Springs Preserve.

When members are not attending courses at the Conference, observing the technological advancements featured at the AHR Expo or touring the local sustainable buildings there are numerous general tours such as Hoover Dam, Springs Preserve, the Venetian Grand Canal Shoppes, the Bodies and Titanic exhibits and the Las Vegas Strip.

Those who take part in the early-bird registration before December 31 have the opportunity to save up to \$195. Complete information is available at www.ashrae.org/lasvegas.

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From the Editor's Desk

The ASHRAE Chapter Bulletin should reflect the opinions, activities and needs of it's members. We represent an active membership and the Bulletin can provide a valuable and enjoyable forum for news of our individual members.

Any announcements of interest, as well as letters, opinions, questions or comments, should be addressed to Christina Walter, Trane, 75 Town Centre Drive, Rochester, NY 14623 or email to cmwalter@trane.com

Reminder

Go to www.ashrae.org to update your personal information. Keeping your information current helps us to find you. Please add email, phone number, fax number, address correction, etc.

