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JUNE 14, 2010

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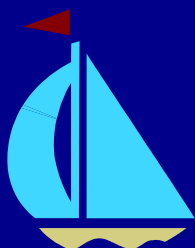
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# Picnic Pics...ASHRAE's finest...



## 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.



## 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.

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

## President's Message by: Jeff Davis

Since my time as President of the Rochester Chapter is now coming to a close, I was due for some reflection. Being in a position of leadership in the Rochester Chapter over the past year has been extremely rewarding. The high quality programs at our chapter meetings have yielded the best meeting attendance in years. Participation in our sponsored social events such as the Valentine's Dinner Dance, and Picnic/Golf Outing has increased making these events tremendously successful. ASHRAE Research donations have spread out among more and more donors. This is all due to the excellent work of the Board and Committee members. I truly have been privileged to work with all of you this year. I again encourage all members to take an active part in Chapter activities. The network of people you meet makes it a very fulfilling experience! Easily the most significant "take-away" from my involvement in the Chapter over the last 10 years has been the opportunity to interact with such a wide array of quality people throughout the Chapter, Region and Society. I thank you all and look forward to seeing you in the fall!



*Jeff Davis, PE, 2009-2010 President*

### Research Promotion

The deadline for donations to the 2009 – 2010 Research Promotion is **JUNE 30<sup>th</sup>**. If anybody would still like to participate this year please have your contributions submitted prior to this date in order to get full credit under this campaign year. At the ASHRAE Golf / Picnic outing in May we held a 50/50 raffle with half of the proceeds to be submitted to Research Promotion in memory of Jim Monaco. I'm pleased to report that together we raised \$410. Thank you to all who purchase tickets.

Special Thanks goes out to Sustainable Performance Consulting, Inc. for matching the contributions raised by YEA – Young Engineers of ASHRAE Rochester this year. Through the combined efforts they were able to submit at the Honor Roll donation level.

#### 2009-10 Rochester Chapter Research Donors

Gray Metal Products, Inc.	ASHRAE Partner	Mr Robert Wind, Jr	Honor Roll Donor
ASHRAE Rochester Past Presidents	ASHRAE Associate	Day Automation Systems Inc.	Honor Roll Donor
R.L. Kistler Inc.	Major Donor - Bronze	RF Peck Company, Inc.	Honor Roll Donor
R.P. Fedder Corporation	Major Donor - Bronze	ABR Wholesalers Incorporated	Honor Roll Donor
Fulton Boiler Works, Inc.	Major Donor - Bronze	Mr Ronald C Mead	Honor Roll Donor
Slater Equipment Company Incorporated	Major Donor - Antique	Ms Michelle Sommerman	Honor Roll Donor
Ms Lynn G Bellenger	Major Donor - Antique	Mr Jeffrey S Close	Honor Roll Donor
Mr. Richard P Barrett	Major Donor - Antique	Mr Peter Oppelt	Honor Roll Donor
Turner Engineering	Major Donor - Antique	Mr Joseph R VanCura	Honor Roll Donor
Guckian Energy Systems LLC	Major Donor - Antique	Mr Theodore K Knowles, Jr.	Honor Roll Donor
Trane Company	Major Donor - Antique	Mr William P Taillie	Honor Roll Donor
MECH Tech HVAC	Major Donor - Antique	Mr. Robert Moyer	Honor Roll Donor
Jim Monaco	Major Donor - Antique	Mr. Joseph D Gangemi	Honor Roll Donor
H M Cross & Sons Incorporated	Honor Roll Donor	Johnston Equipment Company	Individual Donor
Air Systems Balancing & Testing Service	Honor Roll Donor	Mr Charles G White	Individual Donor
SMACNA - Rochester	Honor Roll Donor	Mr Aldo F Fioravanti	Individual Donor
Mr William C. Schmitt	Honor Roll Donor	Mr Robert A Walton	Individual Donor
Mr Jeffrey M Davis	Honor Roll Donor	Mr Richard Morelle	Individual Donor
Mr James C Browe	Honor Roll Donor	Mr James R Brennan	Individual Donor
Mr Thomas E Piekunka	Honor Roll Donor	Mr Larry Smith	Individual Donor
Mr Jeffrey C Ellis	Honor Roll Donor	Mr James D Ormond	Individual Donor
YEA - Young Engineers in ASHRAE	Honor Roll Donor	Genesse Heating	Individual Donor

\* Updated 05-24-2010

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](mailto:jeff.close@pres-services.com)

## Please join us for the 2010 Summer Region 1 dinner!

High Finance Restaurant

More info on the restaurant is available here: <http://www.sandiapeakrestaurants.com/highfinance/>

Please be at the Tram Lift (\$13 - included in the \$50 cost!) by 5:30pm. The Tram holds up to 50 and it runs about every 20 minutes.

If you wish to carpool to The Peak via a shared taxi or with your rental car, please let me know in your RSVP, & I'll put people together. Please RSVP by June 22, 2010, via the link below. The reservations for this event will be via e-mail link on the Region I webpage [http://www.ashraeregion1.org/region\\_i\\_dinner.htm](http://www.ashraeregion1.org/region_i_dinner.htm)

**R.S.V.P. Today**

Thanks!  
Steve Rosen

### Directions:

#### FROM I-40

Exit 167: Tramway Blvd., take Tramway Blvd. North approximately 9 miles to Tramway Rd. Take Tram to The Peak where High Finance is located.

#### FROM I-25

EXIT 234: EXIT 234 Tramway Road. Follow Tramway Road, East to the Sandia Peak Tramway. Take Tram to The Peak where High Finance is located.

Tossed Mixed Greens Or Cup of soup  
GRILLED FILET OF SALMON  
Served on basmati rice, vegetable du jour & A Serrano-mango gastrique  
CHICKEN FLORENTINE  
Chicken breast stuffed with roasted bell peppers, spinach & Boursin cheese, served over a bed of fettuccine alfredo & Served with vegetable du jour  
HERB MARINATED SIRLOIN CAP  
Over Boursin cheese potato puree, Vegetable du jour and roasted garlic butter  
STIR FRY  
Stir fried vegetables with choice of beef, chicken or shrimp Served over a bed of basmati rice  
DESSERT  
Fresh Brewed Coffee, Tea or Soda

Cost is \$50 per person  
Cost includes tax, gratuity & round trip Tram Ride

The only restaurant located at the top of Sandia Peak!  
(Menu subject to slight modifications)

## Region 1 Dinner

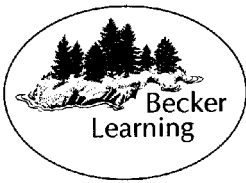
Sunday June 27, 2010 - 6:00pm

ASHRAE Summer Meeting - Albuquerque, NM

DINE TWO MILES HIGH at High Finance  
No other restaurant offers such a unique mode of transportation to get to a dining destination. The 2.7 mile tram ride takes you through several climate zones on your way to the restaurant. Dining at 10,378' in elevation with views of over 11,000 square miles is worth the trip in itself.

Please RSVP to Steve Rosen  
srosen@eypae.com





Your technical training provider presents

# Air Conditioning Fundamentals 2010

**Target Audience:** Any engineer, designer, technician, or assistant who wants to broaden their base in the fundamentals, will greatly benefit from this training.

**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. Past attendees have boosted their overall confidence and found many ways to apply their recently acquired knowledge.

## **2010 Course Offerings (Rochester, NY):** (all classes are 3-days; Tuesday - Thursday)

- [ ] Aug 10-12 'Energy Efficient Design Fundamentals' (Chilled Wtr, DX, VAV, Dehumidification)
- [ ] Sep 14-16 'Product Fundamentals' (AHU, WSHP, RTU, Chillers, Fan Coils, UV)

Note: For more information about each of these classes, log onto [BeckerLearning.com](http://BeckerLearning.com)

**Registration Deadline:** Each course will be filled on a first-come-first-reserved basis.

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

**Contact:** Joe Becker, Becker Learning / 5980 Sheppard Road / Dansville, NY 14437  
Phone: (585) 317-0000 Email: [Joe@BeckerLearning.com](mailto:Joe@BeckerLearning.com)

## **More Details for 3- day courses:**

**Where:** The specific Henrietta, NY location (immediately south of Rochester, NY) will be decided at least 30-days before the class & all attendees will be emailed all appropriate information in time to make hotel reservations.

**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)

**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 International Airport as early as 5:15 p.m. on Thursday since our Henrietta, NY location is less than 10-minutes from the airport.



**Registration:** Please fill out this form for each person attending, and mail along with a **Check or Purchase Order** (made out to 'Becker Learning') to: **Becker Learning / 5980 Sheppard Road / Dansville, NY 14437**

2010 Courses:

(check all that apply)

Energy Eff. Design

Products

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

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

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

Phone: (     )

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

# of Courses	\$/course	Total Cost \$	Check # or PO #
	\$1,000		

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 2-weeks 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.

After nine years in the Navy, Joe resigned his Commission in the Civil Engineer Corps. He joined The Trane Company as a Systems Engineer in the C.D.S. computer software design group where he spent a great deal of time running Trace Building Energy Analysis programs as well as teaching others how to use a variety of powerful C.D.S. software tools. He also worked as a Marketing Engineer in the Variable Air Volume Product Group. During his last 5 years in Trane Headquarters, he served as the Manager of Technical Training, where his primary responsibility was to teach the technical subjects to those attending Trane's premier six month long Graduate Training Class. Joe left Headquarters in 1990 to join the Rochester, NY field sales office as a sales engineer. He distinguished himself by earning Trane's coveted Top-10 Club three years in a row before being promoted to the Rochester Sales Manager in 1997. The following year he was given the Syracuse sales management responsibilities as well. Joe was the Regional Sales Manager of the Northeast Territory from January 2005 through March 2007.

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

### ASHRAE Jobs is the Society's Online employment resource

With an exceptionally difficult recruitment market, the ASHRAE Jobs Career Center has been averaging 55 active job postings per month and just over 5,000 monthly job seeking visitors. Recruiters are experiencing, on average, 12 online applications per job posting and have access to just over 1200 resumes that have posted its launch on June 15.

ASHRAE Jobs is not only about the hire. It is the path to a hire. By visiting [www.ashraejobs.com](http://www.ashraejobs.com), you can search for certain skill sets and demographics that you are "always looking for". It is the place to capture high performers you can use to replace underperformers. Is this the place to see if your competitors people are out searching and interested in you. It is also the place to capture candidates for your Q1 hires because we are only 45 days away.

ASHRAE Jobs understands you do not want to be sold to. But you still have opportunities and problems, and may need a professional to discuss those with. That is what you can expect from ASHRAE Jobs: a no-strings-attached conversation where a representative listens and then makes recommendations whether they include ASHRAE Jobs or not. For more information, visit [www.ashraejobs.com](http://www.ashraejobs.com), call 888-482-2562 or e-mail John VonHarz at [jvonharz@ashraejobs.com](mailto:jvonharz@ashraejobs.com). An ASHRAE Jobs representative is available during business hours to discuss your firm's needs and make recommendations on next steps.

## 2009-2010 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	241	0	0	630	555	0	745	1930

### A little humor to help break up the day...

What is said	What it means
A number of different approaches are being tried.	We don't know where we're going, but we're moving.
An extensive report is being prepared on a fresh approach to the problem.	We just hired three guys... We'll let them kick it around for a while.
Developed after years of intensive research.	It was discovered by accident.
Modifications are underway to correct certain minor difficulties.	We threw the whole thing out and are starting from scratch.
Preliminary operational tests were inconclusive.	The darn thing blew up when we threw the switch.
Test results were extremely gratifying.	It works, and boy are we surprised !
The design will be finalized in the next reporting period.	We haven't started this job yet, but we've got to say something.
The entire concept is unworkable.	The only guy who understood the thing just quit.
We need close project coordination.	We should have asked someone else. <i>Alternate:</i> Let's spread the responsibility for this.





# 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](mailto:cmwalter@trane.com)

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



## **Company Description**

Hunt Engineers, Architects and Land Surveyors is a full service Architecture and Engineering company with offices in Rochester, Horseheads and Pennsylvania. We are looking for experienced people for the Rochester office who would enjoy working for a progressive and professional firm in a supportive and enjoyable environment. Hunt is an equal opportunity employer.

## **Mechanical Engineer**

### **Job Description**

Work independently in the HVAC and Plumbing disciplines.  
Apply building energy simulation programs and energy calculation software such as Trane Trace and E-Quest.  
Building auditing and analysis of existing building systems performance.  
Size and select HVAC air handling and hydronic equipment.  
Design duct and piping systems.  
Develop design or retrofit concepts.  
Write accurate scope of work descriptions.  
Calculate savings potential, and estimate budget implementation costs.  
Prepare detailed facility audit reports and other related technical writing documents.  
Write technical specifications for engineered systems.

### **Qualifications**

4 year degree in Engineering or other related field.  
Minimum 5 years design experience in engineering related to building facilities mechanical systems.  
Direct experience in energy systems and/or energy reduction initiatives.  
Strong written and verbal communication skills and is comfortable working in customer-facing situations.

The following capabilities a plus:

Experience in commissioning or Retro-Commissioning activities.  
Design of Fire Protection systems



## **Mechanical Designer**

### **Job Description**

Work independently in the HVAC and Plumbing disciplines.  
Layout of HVAC air handling and hydronic systems.  
Design and drafting of duct and piping systems.  
Field survey, measurement and routing of duct and piping systems.  
Field inspection of designed systems for compliance with contract documents.

### **Qualifications**

2 year degree in HVAC, Mechanical Engineering or other related field.  
Minimum 5 years design experience related to building facilities mechanical systems.  
Experience with the latest version of Autocad Building Systems software.

The following capabilities a plus:

Design of Fire Protection systems.  
In depth capabilities with Autocad such as 3-D capabilities and LISP routines.  
Familiar with Revit Cad design software.



## Society News: ASHRAE President Receives Recognition from Congressional Caucus Coalition

**ATLANTA** – Recognizing his lifetime commitment to sustainable building practices, ASHRAE President Gordon Holness has been recognized with the High Performance Building Congressional Caucus Coalition (HPBCCC) Award.

The award was presented June 15 as part of HPBCCC activities related to High-Performance Building Week, June 13-19. This is the first time such recognition has been given by the Coalition. Holness, P.E., Fellow ASHRAE, was recognized for his leadership and work in the area of high-performance buildings as well as for ASHRAE's establishment and continued support of the Coalition.

“Gordon Holness has been a strong advocate for high-performance buildings both inside and outside of ASHRAE. His support of Building Information Modeling, focus on the totality of a building, and recognition of the need to make existing buildings high-performance has led the Coalition's leadership to select him to receive the award,” said Henry L. Green, Hon. AIA, President, National Institute of Building Sciences, which is

serving as the chair for this year's celebration.

As ASHRAE president for 2009-10, Holness selected his presidential theme, *Sustaining Our Future by Rebuilding Our Past*, to address energy efficiency in existing buildings. Holness also helped advance sustainability through his service on the *Advanced Energy Design Guide* Steering Committee and the ASHRAE Headquarters Building Renovation Committee.

“I have had a wonderful opportunity throughout my career and through my long relationship with ASHRAE to address the development of high-performance buildings,” Holness said. “Today we really see the confluence of energy availability, cost and environmental impact driving change in the way we design, construct and operate buildings. Albert Kahn Associates, Inc. Architects and Engineers, the company where I spent the last 30 plus years really practiced what they preached in terms of ensuring building occupant health, comfort and safety and as a result we were fortunate enough to win many ASHRAE Technology Awards for high performance and energy efficiency. I was privileged to

benefit from the strengths of both great organizations.”

The High-Performance Buildings Caucus of the U.S. Congress was formed to heighten awareness and inform policy-makers about the major impact buildings have on our health, safety and welfare and the opportunities to design, construct and operate high-performance buildings that reflect our concern for these impacts. HPBCCC is a private sector coalition providing guidance and support to the Caucus.

*ASHRAE, founded in 1894, is an international organization of some 50,000 persons. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.*



### Disclaimer

“ASHRAE has compiled this publication with care, but ASHRAE has not investigated, and ASHRAE expressly disclaims any duty to investigate any product, service, procedure, design or the like which may be described herein.

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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](mailto:cmwalter@trane.com)

### Reminder

Go to [www.ashrae.org](http://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.

