

# The Central New Yorker

## ASHRAE Newsletter

The CNY Chapter of the American Society of  
Heating, Refrigerating and Air Conditioning Engineers

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## The President's Message

**I**would like to say thank you to Ed Smythe for giving us a wonderful presentation at our first lunch meeting at the Dinosaur BBQ; we had a good turn out for this excellent program.

Our November meeting will be at the Doubletree Hotel, social hour at 5:30 and dinner at 6:00 p.m. Joel Southwell from Fulton Boiler will be providing the program for us. Spencer Morash, our Regional DRC, will also be attending. Lets try to have a great turn out for Spencer and show your support for your CNY Chapter of AHSRAE. Students from SUNY Canton and MVCC will also be in attendace.

Jim Hart, *Student Activities Chair*, has worked very hard to get the word out to students and to help students get their applications into the Scholarship Committee for review.

Mark Yonnick, *Research and Promotion Chair*, has been very active in purusing chapter members for donations to reach our goal for this year.

Donald Middleton, *Membership Chair*, has formed a committee to contact members that are not current in their due for membership to ASHRAE. If you haven't paid your dues please do so as soon as possible.

Thank you! I hope to see all of you at the meeting.

Steve C. Sill

President

### ASHRAE Monthly Meetings: Meeting Date is November 9.

**Location:** Double Tree Hotel  
6302 State Route 298, Carrier Parkway East, Syracuse, 12205

**Times:** 5:30 – 6:00 p.m. Social Hour (cash bar)  
6:00 – 6:30 p.m. Dinner  
6:30 – 6:45 p.m. ASHRAE Business  
6:45 – 8:00 p.m. Main Program

**Cost:** \$25.00 per person.

**Reservations:** Rich Kimball 315.422.5200 or rkimball@bergmannpc.com

**We have a new website address:** <http://www.cnyashrae.org>,  
this can be used to make reservations and chapter information.

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# RP Donor Recognition Night

In addition to our Guest Speaker presentation, the November 9th Chapter meeting will also include Donor Recognition for the 2010-11 season. Each donor will be acknowledged by name and receive the appropriate certificate or pledge coin. As a precursor, please join me in thanking the following individual donors:

- Dr. Lois Graham
- Dr. Michael Kingsley
- Brett Fero
- Bruno Morabito
- Donald Rich
- Michael Cahill
- Ronald Westbrook
- Saunders Wilson
- Stephen Miller
- Steven Sill
- William Walter
- William Towne
- Rae Butler
- Mark Yonnick

Corporate donations were made by:

- Modular Comfort Systems
- Carrier Corporation - UTC
- Fulton Boiler Works

Thank you and we look forward to seeing you at the meeting.

— Mark Yonnick

*Research Promotion*

## Membership Update

In an effort to promote membership, I would like to recognize the following companies that have five or more ASHRAE CNY members:

Carrier:	28
Intertek:	10
Syracuse University:	10
Bergmann Associates:	6
Beardsley Design Associates:	5
M/E Engineering:	5
O'Brien & Gere Engineers:	5

Note: These numbers are approximate based on the latest membership data. Example: Some members in the data base do not list a company that they work for. I would encourage everyone to review and update their membership information every year.

If you would like to see your company recognized in the news letter please encourage others in your organization to join.

For more information feel free to contact me.

Thank You,  
Don Middleton

*ASHRAE CNY Membership Promotions Chair*  
315-422-5200 or email: [dmiddleton@bergmannpc.com](mailto:dmiddleton@bergmannpc.com)

# YEA

## is Starting!

The Central New York Chapter is starting its very own Young Engineers in ASHRAE (YEA) organization. We will be distributing materials regarding YEA at our upcoming meeting on November 9<sup>th</sup>. Here are some answers to common questions about YEA:

### *Who belongs to YEA?*

Anyone who is an ASHRAE member under the age of 35, including students. If you're under 35 and an ASHRAE member, congratulations! You are a YEA member.

What can YEA and the CNY Chapter do for me?

1. Free attendance at local ASHRAE events – the ASHRAE CNY chapter will cover the cost of your first chapter meeting
2. Technical Programs
3. Mentors
4. Leadership Opportunities
5. Networking
6. Fun

### *Where are YEA meetings held?*

Locally, we're planning on combining YEA Meetings with Chapter Meetings. Eventually, we plan on scheduling more separate YEA events apart from the local chapter. Examples from other chapters include happy hours, mini-golf, plant tours, and educational seminars.

Nationally, there are two annual YEA leadership weekends (YLW). The most recent YLW was 9/30/2011-10/2/2011 in Atlanta. The next leadership weekend is scheduled for Spring 2011 in San Diego. YEA members also have the opportunity to shadow senior ASHRAE Officers at the semi-annual ASHRAE society meetings through ASHRAE "Leadership U".

### *When are YEA meetings held?*

For now, YEA meetings will be local chapter meetings. Meetings are held on the 2<sup>nd</sup> Wednesday of every month at the Double Tree at Carrier Circle. The next meeting is scheduled for Wednesday, November 9.

### *Why bother participating in YEA?*

YEA is a great way to advance your career and meet other young engineers. The society won't be successful without your involvement. Participation in ASHRAE provides a spectacular opportunity to build your career in HVAC/R. Consider these benefits of participation in ASHRAE:

- Technology Acquisition
- Professional Growth
- Networking
- Career Advancement

For more information about YEA, contact Richard Kimball at:  
rkimball@bergmannpc.com or  
by phone at 315-422-5200 x765.



## Historically Speaking

# Central New York Chapter ASHRAE: A Brief History

This chapter was formed on May 28, 1941, as the Central New York Section of the American Society of Refrigerating Engineers (ASRE) with 78 Charter Members. During the 28 years it existed as an ASRE Section, many outstanding contributions were made by its members, two of whom became President of the Society of ASRE, Logan Lewis in 1941-42 and Carlyle Ashley in 1956-57.

On October 16, 1944, the Central New York Chapter of the American Society of Heating and Ventilating Engineers (ASHVE) was formed with 64 Charter Members. In 1954 ASHVE became the American Society of Heating and Air Conditioning Engineers (ASHAE). Alfred Stacey of our Chapter served as President of the Society of ASHVE in 1949.

Prior to the formation of the Central New York Chapter of ASHVE, several engineers from Syracuse, NY were elected President of the ASHVE Society. In 1894, Edward Bates was elected the first President of ASHVE, followed by William Kent in 1905, J. Irvine Lyle in 1917, and William Driscoll in 1926. Willis Carrier was President of ASRE in 1927, and President of ASHVE in 1931 before Carrier Corporation moved to Syracuse from New Jersey in 1937.

A merger of ASRE and ASHAE in 1959 on a national and local basis to form ASHRAE resulted in the formation of the present Central New York Chapter of ASHRAE. Members of the Central New York Chapter of ASHRAE who have served as Society President include Daniel Wile in 1960, Walter Grant in 1960-61, William McGrath in 1966-67, Stanley Gilman 1971-72, Bruno Morabito in 1977-78 and Donald Rich in 1991-92. Nearly 10% of the Presidents of ASHRAE and its predecessor Societies have come from the Central New York area.

Since its founding in 1941, two women and 84 men have served as Section or Chapter Presidents. Many are still active chapter participants. As our ASHRAE Chapter grew in size and complexity, it was incorporated in 1971, and the Board of Governors was increased from 7 to 9 members in 1974. Presently the Chapter has 278 members and the Board now has 12 members.

In 1971, a chapter Scholarship Fund for students was established with the objective of awarding \$1000 annually from the interest generated by the fund. This goal was first achieved in 1978 with awards made to students at SUNY Canton. Since then, assets have grown and up to six student scholarships totaling \$4000 are awarded annually. Our annual clambake held each June at Hinerwadle's Grove in North Syracuse, with an average attendance of over 1000 in recent years, is the main source of these funds.

We were the host for Society Meetings held in June three times in past years at Lake Placid, NY. In 1953, the Central New York Section of ASRE was host for the ASRE Annual Society Meeting. In 1959 and 1969, the Central New York Chapter of ASHRAE was host for ASHRAE Annual Society meetings.

In 1956, 16 members of the Central New York Section of ASRE from the Rochester area founded the Rochester Section of ASRE. After the merger in 1959, it became the Rochester Chapter of ASHRAE. In September 1977, the Central New York Chapter parted with some more of its membership to sponsor and help inaugurate the Twin Tiers Chapter, our present southern neighbor. Our Chapter also sponsors the following ASHRAE Student Branches: SUNY at Canton formed in 1978, Syracuse University formed in 1981, SUNY at Mohawk Valley in Utica formed in 2005, and St. Lawrence County BOCES formed in 2006.

The last hard copy issue of our monthly newsletter, The Central New Yorker, that was put together by a volunteer chapter member, was USPS mailed in November 2003. All subsequent issues have been prepared and e-mailed to chapter members by a paid professional firm. A chapter website was established in 2004 with a current address of [centralnew.york.ashraechapters.org](http://centralnew.york.ashraechapters.org). It is used by members to request dinner reservations for monthly chapter meetings. Beginning in October 2011, the \$25.00 dinner reservation may be made in advance using PayPal. Also six prepurchased reservations for the price of five are available for purchase via PayPal. There are several other sections of interest on the website including the current chapter program schedule, a listing of Chapter Officers and Board members, current and archived newsletters back to Sept. '05, and this brief chapter history.

Chapter membership meetings are held the second Wednesday of the month from October through May at the Doubletree Motel near Carrier Circle. Other scheduled regular events include the Clambake at Hinerwadels in early June and the annual Golf tournament, also held in June, to benefit ASHRAE Society research.

Paul E. Britton, *Historian*



# November Program

## Dinner Meeting

*Wednesday, November 9, 2011*

Donor Recognition Night

Joel Southwell (Fulton Boiler)

"Primary & Variable Flow Piping Systems for Condensing Hydronic Boilers: Mechanical Design & Control Strategy"  
(Qualified for 1 PDH)

**Location:** Doubletree Hotel Syracuse

6302 State Route 298, Carrier Parkway East, Syracuse, NY 12205

**Times:** 5:30 – 6:00 p.m. Social Hour (cash bar)

6:00 – 6:30 p.m. Dinner

6:30 – 6:45 p.m. ASHRAE Business

6:45 – 8:00 p.m. Main Program

The introduction of condensing designs made it possible to achieve thermal efficiencies up to 99% in hydronic boilers, but there is still significant opportunity to reduce the overall energy usage for a system with modern piping and pumping configurations. This presentation will review opportunities for primary pumping systems and variable speed drives and the associated mechanical designs, and the appropriate control strategies to integrate this equipment with a group of modular condensing boilers.

We strongly encourage you to pay in advance with a credit card through the Chapter web site using PayPal. A PayPal account is not required. If you prefer you may still pay at the door with cash or check.

## Mr. Joel Southwell

Joel Southwell is the Business Manager for Synex Controls, a central New York company focused on energy efficiency gains through proper control of boiler and related HVAC systems. Joel previously held the position of Commercial Heating Product Manager with Fulton Heating Solutions, Inc., a manufacturer of condensing hydronic boilers.

Joel has almost 20 years of experience in HVAC and Process control applications, with responsibilities that have included engineering, sales, marketing and product management. Joel has a degree in Electrical Engineering Technology and was actively involved in the development of a multiple boiler control system currently used with hydronic, steam and thermal fluid systems.

Joel resides in Pulaski, NY where he is active in the community and a member of the school board for Pulaski Academy & Central Schools.

Upcoming Programs (continued next page)

# Upcoming Programs

**B**e sure to mark your calendars for these upcoming events. Interesting tours, informative lectures, networking opportunities, and don't miss our holiday party at Coleman's!

## Holiday Party

*Thursday, December 15, 2011*

**Location:** Coleman's Irish Pub  
100 South Lowell Avenue, Syracuse, NY 13204

**Times:** 5:30 – 7:30 p.m.

## Dinner Meeting

*Wednesday, January 11, 2012*

**Membership Promotion Night**  
*Tour of the Carrier TIEQ Lab (at the Syracuse Center of Excellence)*

**Tour Location:** Syracuse Center of Excellence  
727 E. Washington Street, Syracuse, NY 13210  
Location: Dinosaur Barbeque (Willow Room)

**Times:** 5:30 – 6:30 p.m. Tour  
6:45 – 7:45 p.m. Dinner  
6:45 – 7:00 p.m. ASHRAE Business

## Dinner Meeting

*Wednesday, February 8, 2012*

**Student Chapter Night**  
Peter Bailey (DEI Controls)  
Hybrid Refrigeration Systems

**Location:** Doubletree Hotel Syracuse  
6302 State Rte. 298, Carrier Pkwy East, Syracuse, NY 12205

**Times:** 5:30 – 6:00 p.m. Social Hour (cash bar)  
6:00 – 6:30 p.m. Dinner  
6:30 – 6:45 p.m. ASHRAE Business  
6:45 – 8:00 p.m. Main Program

## Dinner Meeting

*Wednesday, March 14, 2012*

**History Night & Chapter Officer Slate Announcement**  
Jerry Groff (ASHRAE Historical Committee)  
Topic - TBA

**Location:** Doubletree Hotel Syracuse  
6302 State Rte. 298, Carrier Pkwy East, Syracuse, NY 12205

**Times:** 5:30 – 6:00 p.m. Social Hour (cash bar)  
6:00 – 6:30 p.m. Dinner  
6:30 – 6:45 p.m. ASHRAE Business  
6:45 – 8:00 p.m. Main Program

## Dinner Meeting

*Wednesday, April 11, 2012*

**Research Promotion Night & Chapter Officer Election**  
Thomas M. Lawrence, Ph.D., P.E., LEED® AP (ASHRAE Distinguished Lecturer)  
"The New ASHRAE Standard 189.1-2009 for High Performance Green Buildings"

**Location:** Doubletree Hotel Syracuse  
6302 State Rte. 298, Carrier Pkwy East, Syracuse, NY 12205

**Times:** 5:30 – 6:00 p.m. Social Hour (cash bar)  
6:00 – 6:30 p.m. Dinner  
6:30 – 6:45 p.m. ASHRAE Business  
6:45 – 8:00 p.m. Main Program

## Dinner Meeting

*Wednesday, May 9, 2012*

**Chapter Officer Installation**  
**TOUR of the Syracuse University Building Energy and Environmental Systems Laboratory**

**Tour Location:** Syracuse University – BEESL Lab  
263 Link Hall (Room 320), Syracuse, NY 13244

**Location:** Dinosaur Barbeque (Willow Room)  
246 W Willow Street, Syracuse, NY 13202

**Times:** 5:30 – 6:30 p.m. Tour  
6:45 – 7:45 p.m. Dinner  
6:45 – 7:00 p.m. ASHRAE Business

# NEW YORK STATE GREEN BUILDING CONFERENCE

10TH ANNUAL | 2012

## A CALL FOR ABSTRACTS

### Abstract Submission for Oral Presentations

The New York State Green Building Conference Abstract Selection Committee is currently seeking presentation proposals for the two day 10th Annual New York State Green Building Conference.

Presentations for the 2012 conference should fit into a 50 minute time slot with time for Q&A, and be applicable to one of the following four conference tracks:

- Green Building for Commercial Construction
- Green Building for Residential Construction
- Green Building Chemistry
- Deconstruction

Within these tracks is the potential for a variety of topics. Submissions could include topics such as energy retrofits, O&M, energy management, LEED, building ventilation, energy efficiency, building science, green materials, renewable energy, case studies, construction management for green buildings, or the costs of green building.

To see topics from last year's conference, please visit [www.esf.edu/greenbuilding/2011/agenda.htm](http://www.esf.edu/greenbuilding/2011/agenda.htm)

**New and innovative topics that meet the intent and purpose of this conference are highly encouraged.**



State University of New York  
College of Environmental Science and Forestry



New York Upstate  
Chapter

**March 29-30, 2012**

**Oncenter Complex  
Syracuse, NY**

**[www.nysgreenbuilding.org](http://www.nysgreenbuilding.org)**

**Presentation abstracts should be submitted  
by October 21, 2011 to  
[abstractsubmission@nysgreenbuilding.org](mailto:abstractsubmission@nysgreenbuilding.org)**

The schedule for selection of abstracts is as follows:

- Abstract submission deadline: **October 21, 2011**
- Notification of selected abstracts: **November 11, 2011**
- Signed presenter acceptance letters due to ESF Outreach: **December 16, 2011**
- Semi-final draft copy of presentations due to be reviewed for continuing education credits: **February 10, 2012**
- 10<sup>th</sup> Annual New York State Green Building Conference: **March 29-30, 2012**

If you have any questions about the conference, please contact Ms. Emily Gillis at [elgillis@esf.edu](mailto:elgillis@esf.edu) or (315) 470-6817.

**We look forward to seeing you in 2012!**





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**[resume47@yahoo.com](mailto:resume47@yahoo.com) or  
faxed to 315-455-4902.**

*The CNY Chapter accepts business card advertising in this monthly newsletter. Send us your business card (or text for a line card) and we'll scan it in. For \$50 your card will run in the newsletter for the year (through our May newsletter). Send your ad and payment to: ASHRAE Newsletter, Advertising, P.O. Box 2396, Syracuse, NY 13220. If you have a digital card (or questions), email it to the Treasurer: [c010tr@ashrae.net](mailto:c010tr@ashrae.net).*