

NUTMEG NEWS

May, 2010

Volume 37, Issue 9

May Meeting Announcement

Thursday, May 13th, 2010

The Courtyard by Marriott
4 Sebethe Drive, Cromwell, Connecticut

Tech Session Topic: **Gas Detection for Mechanical Rooms & ASHRAE 15**

Current ASHRAE guidelines concerning mechanical room requirements for leak detection & operator safety. Industry standards for gas detection, exposure levels and general detection principles for a variety of commercial applications. Gas equipment as a means of energy/cost consumption management.

Greg Kaufman; Honeywell Analytics; commercial Gas Detection

Dinner Topic: **Using Building Energy Modeling for Substantial Tax Incentives**

Jacob Goldman of Energy Tax Savers Inc. Syosset, NY

Board of Governors' Meeting: 4:45 pm	Technical Session: 5:00 pm
Attitude Adjustment 6:00 pm	Dinner & Speaker 7:00 pm

Buffet Choices:

Soup:	.Tomato Basil Bisque
Salad:	Caesar Salad
Entrées:	Chicken Marsala; Sliced Sirloin
Dessert:	Chef's Choice

Coffee, tea, and decaffeinated coffee.

Note: *Please call in your reservations to reserve a seat!*

Cost: (With Reservations) Members: **\$30**; Non-members: **\$35**; Students: **\$8**

Cost of Meal without Reservations: (Members/non Members) **\$40**

Please make your reservations by Mon.May. 10th: Michelle.LeMoine@uinet.com or fax: (203) 499-2800
Late Reservations have a financial impact on the Chapter, and may not guarantee meal availability.

**Don't forget to sign up for the 2010 Golf Tournament on June 18th at the
Chicopee Country Club in Chicopee. Massachusetts**

CONNECTICUT CHAPTER OFFICERS 2009-2010

OFFICE	TELEPHONE	FAX	
President:	Philip B. Knowlton, P.E.	(860) 342-3970	(860) 342-5246
President Elect:	Edward Gutowski, P.E.	(860) 677-2285	(860) 676-9433
Vice President:	Michael Sherber, P.E.	(860) 635-7740	(860) 635-7312
Treasurer:	Michael Sherber, P.E.	(860) 635-7740	(860) 635-7312
Secretary:	Francis Brancieri	(860) 614-9332	

COMMITTEE CHAIRPERSONS 2009-2010

COMMITTEE & NAME	TELEPHONE	FAX	
Technology Transfer:	Edward Gutowski, P.E.	(860) 677-2285	(860) 676-9433
Membership:	Hank Cullinane	(860) 528-0081	(860) 528-9539
Research Promotion:	Matt Mullen	(860) 870-2250	(866) 446-9499
Student Activities:	Matt Owens	(860) 731-4797	(860) 731-4834
Publicity:	Jack Dresty	(860) 767-0850	(860) 767-8972
Refrigeration:	To be Announced		
Honors & Awards:	Barry M. McGuinness	(860) 666-0555	(860) 666-3035
Reception:	Michelle LeMoine	(203) 499-5828	(203) 499-2800
Chapter Historian:	Julie Williams	(203) 756-2749	
Special Events:	Michael G. Skoldberg	(203) 375-6482	(203) 381-9506
Sponsorship:	Roberta Rocchetti	(860) 933-8603	
Golf Outing:	Barry M. McGuinness	(860) 666-0555	(860) 666-3035
Newsletter Editor:	Julie Williams	(203) 756-2749	
Web Site Editor:	Roberta Rochetti	(860) 933-8603	

BOARD OF GOVERNORS 2009-2010

NAME	TELEPHONE	FAX
David Jackson, P. E.	(860) 646-2469	(860) 645-0717
Michelle LeMoine	(203) 499-5828	(203) 499-2800
Cary Mandeville	(860) 678-3328	(860) 674-4328
Paul Marques	(860) 895-8385	(860) 895-8386
Barry M. McGuinness	(860) 666-0555	(860) 666-3035
Matt Mullen	(860) 870-2250	(860) 446-9499
Keith Sweitzer, P. E.	(860) 895-8385	(860) 895-8386
Brenda Wall. P. Eng.	(860) 284-5064	(860) 284-5098
Julie Williams	(203) 765-2749	

Connecticut Chapter ASHRAE - PO Box 143 – Cromwell, CT 06416

www.ctashrae.org

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Technology Transfer

*by Ed Gutowski, PE, Leed AP
CTTC Chair & President Elect*

In honor of our Chapter Presidents who carried the torch for the Connecticut ASHRAE in years past we have combined History night with Past President's night for our May meeting. We are excited to have John Mandyck, Vice President at Carrier Corporation come to discuss Carrier's history and talk about how the evolution and impact of air conditioning has had on people and the role environmental leaders have in shaping today's high performance, sustainable buildings. Willis Carrier was there when the comfort cooling industry was just forming and now what seemed like a luxury back then has become a way of life for us all. This is one dinner presentation that should be of interest to everyone in our industry.

Our tech session will shed some light on the challenges that are faced when designing a chiller room. This is one important area of life safety design we as HVAC engineers have an opportunity to design. The codes and standards are not always that easy to understand and follow, therefore we are fortunate to have Greg Kaufman of Honeywell Analytics come in to give us a technical discussion on the current ASHRAE guidelines concerning mechanical room requirements for leak detection and operator safety. Also, he will cover industry standards for gas detection exposure levels and general detection principles for a variety of commercial applications. Another area of interest he will touch on is the use of gas detection equipment as a means of energy cost/consumption management and end-user cost recovery or cost avoidance. We hope you will join us this May 13th in Cromwell.

News From ASHRAE

Princeton Review Lists 'Greenest' Colleges

NEW YORK—The Princeton Review in partnership with the U.S. Green Building Council has released “The Princeton Review's Guide to 286 Green Colleges,” an in-depth look at the most environment-friendly universities. The guide includes a compilation of "green highlights" and "green facts" about each school, justifying its inclusion. The Princeton Review says the list is a result of a 2009 survey of college applicants and their parents. Nearly two-thirds of respondents said they “would value having information about a college's commitment to the environment.” For details, log onto the Princeton Review website

EPA's P3 2010 Award Winners: Champions Applying Innovation to Global Environmental Challenges

The EPA announced the 2010 P3 Award Winners at an award ceremony hosted by the National Academy of Sciences. Paul Anastas, EPA's Assistant Administrator for the Office of Research & Development, increased the number of Phase 2 P3 Awards issued to 14, (totaling \$1 million) this year because the projects were so impressive, and his belief that the P3 program is very important in developing the next generation of scientists and engineers whose ideas will solve global environmental issues. The winners include: Appalachian State University; Clarkson University; Clemson University; Cornell University; Drexel University; Harvard University; Humboldt State University; North Carolina Agricultural and Technical State University; Roger Williams University; Texas A&M University; University of Illinois at Champaign; University of North Carolina at Chapel Hill; and Virginia Tech. The winners, honorable mentions, and recipients of several other awards issued by ACSE/Engineers Without Borders, YCoSST, and iCAST are listed along with project details at: [2010 P3 Winners](#).

ASHRAE Learning Institute Spring 2010 Online Course Series

2 WAYS TO REGISTER

Internet: www.ashrae.org/onlinecourses

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

Note: You may register up to 24 hours prior to an online seminar.
Courses are in US Eastern Standard Time.



Courses in May

District Cooling & Heating Systems: Central Plants
Monday, May 3, 2010 – 1:00 p.m. to 4:00 p.m. EDT

Complying with Requirements of ASHRAE Standard 62.1-2007
Wednesday, May 5, 2010 – 1:00 p.m. to 4:00 p.m. EDT

Understanding & Designing Dedicated Outside Air Systems (DOAS)
Monday, May 10, 2010 – 1:00 p.m. to 4:00 p.m. EDT



Standard 189.1 Training

The ASHRAE Learning Institute (ALI) is bringing *Standard 189.1-2009* training to a city near you.

Understanding Standard 189.1-2009 for High-Performance Green Buildings
May 25, 2010 – 1:30pm – 4:30pm, **San Francisco, CA**

Understanding Standard 189.1-2009 for High-Performance Green Buildings
June 2, 2010 – 1:00pm – 4:00pm, **Arlington, TX**

Implementing Standard 189.1-2009 for High-Performance Green Buildings
June 10, 2010 – 8:00am – 4:00pm, **Atlanta, GA**

Implementing Standard 189.1-2009 for High-Performance Green Buildings
June 26, 2010 – 8:00am – 4:00pm, **Albuquerque, NM**

Visit www.ashrae.org/189.1courses for more information and to register

Hot Products from ASHRAE

A leader in HVAC&R technology, ASHRAE publications cover topics that impact every facet of the environment, both indoors and out.

Latest Publications from ASHRAE!

- Standard 189.1-2009, Standard for the Design of High-Performance Green Buildings* (A Jurisdictional Compliance Option of the IGCC)
- ASHRAE Handbook Online* – Web-Based access to all 4 volumes
- ASHRAE Pocket Guide* – Useful information that fits in a shirt pocket
- IAQ Guide: Best Practices for Design, Construction and Commissioning*
- Load Calculation Applications Manual (SI)*

Other Products from ASHRAE!

- Energy Efficiency Guide for Existing Commercial Buildings*
- Dampers and Airflow Control*
- Advanced Energy Design Guide for Small Hospitals and Healthcare Facilities*
- Principles of Heating, Ventilating, and Air Conditioning* – Textbook based on the 2009 ASHRAE Handbook - Fundamentals

Visit www.ashrae.org/bookstore to learn more about these and other outstanding ASHRAE publications!

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<http://handbook.ashrae.org>

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2010 ASHRAE GOLF OUTING

FRIDAY, JUNE 18th – Rain or Shine

CHICOPEE COUNTRY CLUB
1290 Burnett Road
Chicopee, MA 01020
TEL. 413-594-9295
chicopeema.gov/golf

9:00 a.m. - Breakfast and Practice – Driving Range Available.
10:00 a.m. - Shotgun Start – Scramble Format
3:00 p.m. - Cocktails
4:00 p.m. - Sit-Down Dinner & Prizes

Name: _____ Company: _____

Email: _____ Tel #: _____

Guest 1 _____

Guest 2 _____

Guest 3 _____

Golf, Lunch & Banquet - \$125 p.p. x _____ = \$ _____

Sponsor a Tee or Green for ASHRAE Research - \$100 each. \$ _____

Prizes for 1st place, long drive, straightest drive & closest to the pin

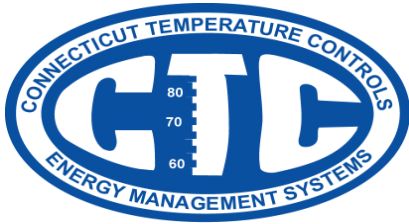
Directions: 91 North, 291 East, 291 East becomes Johnnycake Hollow Road, slight right onto Burnett Road, 1.8 miles on left.

Proper golf attire. No beer coolers. Course will sell you a bag-of-beer.

Please mail registration & check payable to:
CT ASHRAE, PO BOX 143, CROMWELL, CT 06416

Barry McGuiness
(860) 614-4168

Keith Sweitzer
(860) 895-8385

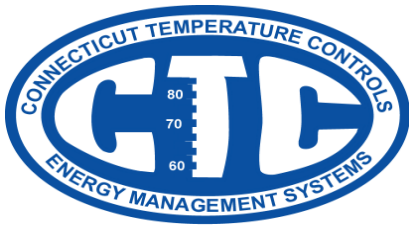


P.O. Box 31-1117
714 North Mountain Road
Newington, CT. 06131-1117
Phone: (860) 953-1862
Fax: (860) 953-1863

Building Automation Sales Position

Connecticut Temperature Controls, LLC., Connecticut's Siemens Building Technologies, Staefa Talon Dealer has an immediate opening for a motivated and experienced DDC System sales and marketing person. This position's main responsibility is to grow our business' market share and profitability by building and maintaining new relationships with design engineering firms, mechanical contractors, owners, etc.

CTC offers a highly competitive wage package and comprehensive benefits package which includes 401K with company match, health insurance, vacations & etc. To apply, please submit your resume to Darin@cttempcontrols.com or fax to (860) 953-1863.



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Service Sales Position

Connecticut Temperature Controls, LLC., has an immediate opening for a motivated and experienced controls service sales and marketing person. This position's main responsibility is to grow our service business' market share and profitability by finding and developing new relationships with mechanical contractors, building owners, etc.

CTC offers a highly competitive wage package and comprehensive benefits package which includes 401K with company match, health insurance, vacations. To apply, please submit your resume to Darin@cttempcontrols.com or fax to (860) 953-1863.

Of Interest from ASHRAE

EPA Ranks Most Energy-Efficient U.S. Cities

WASHINGTON—The U.S. Environmental Protection Agency (EPA) has compiled a list of the U.S. metropolitan areas with the most buildings that earned EPA's ENERGY STAR designation in 2009. The ten cities that ranked highest are Los Angeles; Washington, D.C.; San Francisco; Denver; Chicago; Houston; Lakeland, Fla.; Dallas-Fort Worth; Atlanta and New York. Los Angeles also led the list last year, the first time EPA published the list. In 2009, nearly 3,900 U.S. commercial buildings earned the ENERGY STAR label.

History Article: Celebrating a Past President

This month we would like to salute **Barry McGuinness**, who took the leadership reins at in May of 2004 from Mike Rochetti when Mike was assigned to go to Iraq.

At that time, Barry hosted our tour of the Mark Twain House in Hartford which he had arranged beforehand, and which was sponsored by Carrier. Barry also masterminded tours of the Connecticut Convention Center and the Middletown Power Plant.

Beginning his own tour of duty – working the way through the CTASHRAE responsibilities as Secretary, Treasurer, President Elect, etc beginning in 2000, Barry had already been a member since 1990, attending meetings to soak up information from the various lecturers and, as we all do from time to time, networking. He tells us that Don Esthus has been his mentor over the years, adding to Barry's education at CCSU in Marketing so that Barry has a firm knowledge of HVAC equipment

Although Barry was born in Washington, D.C., his family moved to Connecticut when he was four, hardly old enough to appreciate the allure of the nation's capitol. They settled in Newington, where Barry met Lisa, who was ultimately to become his wife.

Barry had always liked working with his hands; learning about how things operate. This brought him to companies such as Dunham-Bush, Trane and finally, for the last 20 years, Buckley Associates. When asked what his favorite job was, Barry recalled for us his tenure at Dunham-Bush, who sent him to southeast Asia, to Singapore and Hong Kong, where he was a sales representative. When in Hong Kong, Barry was involved in the HVAC for a 20 story building being constructed. It was from this point that a tramway originated to carry passengers to the top of Victoria Peak, part of the magnificent scenery in that area. In the Philippines, Barry oversaw the installation of a 3000T Dunham-Bush HVAC unit.

Back in Connecticut, As a member of ASHRAE, Barry has not only served as President and in all the previous positions, he has for years been the caretaker of the official CTASHRAE mailbox in Cromwell; and participates in Presidents' Night. He has arranged and overseen golf tournaments at Black Ledge; Shennecossett; Topstone; Quarry Ridge and one to be played next Month at the Chicopee, Massachusetts Country Club. (A little side note here, although he started playing golf years ago himself, Barry says that bicycling is his favorite sport, and he covers a couple of thousand miles a year!)

When asked to name engineering and HVAC specialties that particularly interest him, Barry mentions the challenge of energy recovery ventilators; air flow stations, ECM motors and sound attenuation. He likes what he is doing and is looking forward to meeting challenges of the future. Our Chapter is lucky to have an active, interested and interesting member in Barry!



Barry McGuiness



Barry at Shennecossett with Team Members

Editor's Note:

This is our final issue for the 2009-2010 CTASHRAE season. We wish you all a happy, healthy, fun-filled summer, and ask you to remember the following events and their dates:

2010 ASHRAE GOLF OUTING

**FRIDAY, JUNE 18th at the
CHICOPEE COUNTRY CLUB**

**1290 Burnett Road
Chicopee, MA 01020
TEL. 413-594-9295
chicopeema.gov/golf**

August 19, 2010

Regional CRC in Watkins Glen, N.Y.

Hosted by the Twin Tiers Chapter

ASHRAE 2010 Annual Conference in Albuquerque, New Mexico

June 26-30