



CLEVELAND ASHRAE NEWSLETTER

March 2011



MARCH MEETING

Modeling A Sustainable World

Monday, March 21, 2011

Speaker: Lynn G. Bellenger, PE - ASHRAE Society President

Times:	4:15pm - 5:30pm	Board Meeting
	5:30pm - 6:15pm	Happy Hour
	5:30pm - 6:30pm	YEA Discussion with President Bellenger
	6:15pm - 7:15pm	Dinner
	7:15pm - 8:15pm	Presentation

Location: Harry's Steakhouse
5664 Brecksville Road
Independence, OH 44131

R.S.V.P. via your Constant Contact invitation. Guests are welcome for a \$25 meal charge.

Our Cleveland Chapter is honored to host our ASHRAE Society President Ms. Lynn Bellenger on Monday, March 21. President Bellenger will be presenting her Presidential Theme: "Modeling a Sustainable World." This will highlight the role ASHRAE members play as leaders in sustainable design. In energy simulation, daylight analysis, CFD, and BIM software, we have powerful modeling tools that enable us to create and redefine our vision of a building – its appearance, systems, operation, and performance. Those resources, used effectively in an integrated design process for new buildings and in analyzing retrofit opportunities in existing buildings, will help us guide building owners, architects, developers, and contractors in building orientation, shading and shape and in selecting materials, windows, equipment, and systems that optimize building performance.

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please contact James Dudt at 216-391-3700.



THE PRESIDENT'S CORNER

BY BILLY KODOSKY



March 4, 2011



It is March already and we are moving quickly through the year, soon enough we will all be golfing!

We have a very special guest this month and I look forward to seeing all of you at the meeting. President Bellenger will be here to help us understand her vision of "Modeling a Sustainable World." I encourage you to grab someone from your office who does not normally attend and have them come along. Let's show our appreciation for her attendance.

Our Board of Governors would like feedback on your preference for lunch or dinner meetings. For the last few years we have done a couple of lunch meetings and the turn out has been great. Our future leaders can plan on more lunch seminars if that is what our members want. Let Mike Quinn (mike.quinn@carrier.utc.com) or myself (billyk@jacco.com) know your feedback.

Thanks again to Andrew Watterson for a great presentation on Cleveland 2019. I hope you are as encouraged as I am. If you missed it, his presentation is available on our website.

Billy Kodosky

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Engineer's Week

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Special Events

Brian McFearin

Budget & IRS Compliance

Fred H. Hollman

Sunshine Fund

James W. Wickert



SPEAKER BIO



Lynn G. Bellenger, P.E., Fellow ASHRAE, is a partner with Pathfinder Engineers and Architects LLP, Rochester, N.Y. Bellenger is ASHRAE certified as a Building Energy Modeling Professional and a High Performance Building Design Professional.

Bellenger is the first female president in the Society's 116 year history.

As ASHRAE's president, Bellenger directs the Society's Board of Directors and oversees the Executive Committee.

Her presidential theme, Modeling a Sustainable World, notes that in energy simulation, daylight analysis, CFD and BIM software, we have powerful modeling tools that enable us to create and refine our vision of a building – its appearance, systems, operation and performance. Those resources, used effectively in an integrated design process for new buildings and in analyzing retrofit opportunities in existing buildings, will help us guide building owners, architects, developers, and contractors in building orientation, shading, and shape and in selecting materials, windows, equipment, and systems that optimize building performance.

"Our biggest challenge is implementing integrated design in daily practice. The traditional approach where the architect designs the building shape, orientation, and envelope and then transmits the drawings to the mechanical and electrical engineers for their design is a silo approach that misses the rich opportunities for optimizing building performance through a collaborative approach from the beginning. It is going to require a real cultural shift in our industry to transform the design process, and it's a shift that has to occur if we are going to reach our goal of net-zero-energy buildings."

She formerly served as president-elect, treasurer and vice president.

Bellenger is a recipient of the Exceptional Service Award, the Distinguished Service Award, two first-place ASHRAE Technology Awards and the Lincoln Bouillon Membership Award.

She received a Bachelor of Science in mathematics from Principia College and a Master of Science in environmental science from Rutgers University.

JANUARY MEETING RECAP

At our February 23, 2011 lunch meeting we were very fortunate to have Mr. Andrew Watterson discuss "Cleveland Sustainability Initiatives." Mr. Watterson is the current Chief of Sustainability for the City of Cleveland. Cleveland created an Office of Sustainability in 2005 and has made great strides in sustainable practices. Some of these include mandating all new residential construction to be in compliance with Energy Star Standards or LEED for Homes, being ranked top in the country for urban agriculture practices and working toward installing the first fresh water wind farm. Cleveland has established a six acre farm in Ohio City, started a Westside Market Composting program and the city

now even allows residents to have six chickens and two bee hive colonies! The city has also implemented a Local and Sustainable Purchasing Ordinance. This allows bidders to apply up to a 4% bid credit for criteria such as having their headquarters within a five county radius or being listed as a Green Mover. On a larger scale, Andrew discussed the "Sustainable Cleveland 2019" program. This is an action plan to create an economic engine to empower a Green City on a Blue Lake. This involves developing strategies to align Cleveland to use sustainability as an innovation engine for economic growth. After the first summit in August 2009, the group has developed a community plan and encourages

all to participate. From 2010 to 2019, each year will be devoted to a different subject. 2011 Energy Efficiency, 2012 Local Foods, etc. For the 2011 campaign, the City of Cleveland has allocated over \$2 million for energy improvements. Our ASHRAE Group was encouraged to be drivers in 2011 and align our practices with the efforts of Sustainable Cleveland 2019. One upcoming event that may interest our members is the March Energy Forum at Cleveland State. Additional information can be found at the blog www.cleveland2019.org. Thank you Andrew for visiting our chapter and sharing these exciting initiatives involving our City and our Region!

ASHRAE Scholarship Application

If you know of someone who is actively attending college to earn a mechanical or architectural engineering degree at a Northeast Ohio University or out of the area but is from the Northeast Ohio area, please point them in a direction of a Sal Triana Scholarship possibility. The intent of this scholarship is to help those engineering students seeking to someday make a career in the HVAC consulting/engineering/sales businesses get through the financial struggles of a higher education.

Applications can be found on the Cleveland ASHRAE Website and e-mailed to kborah@karpinskieng.com. If you have any questions please feel free to contact Ken Borah at **216-391-3700**.



IN THE NEWS...



ASHRAE Webcast Ground Source Heat Pump Systems: Putting the Earth to Work for You April 21, 2011 @ 1:00 – 4:00 P.M. EDT



Mark your calendars for this year's ASHRAE Webcast on geothermal heat pump systems. The local Cleveland chapter will again host a lunch and viewing of the webcast at Karpinski Engineering's beautiful multi-media conference room. RSVP to **Doug Barnes** at dbarnes@karpinskieng.com

★ Brought to you by the ASHRAE Chapter Technology Transfer Committee

CALLING ALL YEA MEMBERS ...Present and Potential!

You are invited to visit with current ASHRAE Society President Lynn Bellenger on Monday March 21 from 5:30-6:00 PM at Harry's Steakhouse. Take advantage of this opportunity to better understand YEA and to offer your YEA suggestions to the Society President! Your voice is an important component of ASHRAE and President Bellenger wants to meet you.

If you are 35 years and younger you need to be part of Young Engineers in ASHRAE (YEA). It is instrumental to your HVAC Career and offers unequalled opportunities. See you on March 21!

President Bellenger encourages Ohio adoption of ASHRAE 90.1.-2007 as building code...please see the letter [here](#)!

Region V has a newsletter, [available on our website](#), for you to review.

The Cleveland Chapter is looking for a CRC chair for the upcoming CRC in 2012, held here in Cleveland.
Please contact Billy Kodosky for more information and to volunteer.

ASHRAE Research Promotion

Our chapter total to date is \$6,346.31, with a goal of \$18,200 by June 30, 2011. To support and invest in the ongoing efforts of ASHRAE that provide our engineering community with the tools and knowledge for successful designs, go to www.ashrae.org/aboutus/resource_promotion.asp



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IN THE NEWS...



Cleveland ASHRAE Obituaries

We mark the passing of one of the most distinguished former members of our industry. **Robert M. Rubin, P.E.**, who died February 12, 2011 at age 85 in Florida. Bob had fallen, struck his head, underwent surgery, and was briefly in hospice care.

Services were held in Florida on February 15; and another Memorial Service will be scheduled for Cleveland this June. He was the 1962-63 ASHRAE Chapter President

Bob had graduated from Cleveland Heights High School, where he was quarter-back on the football team. He then served in the U.S. Navy during World War II, and returned to get his engineering degree at The Ohio State University.

Early in his career, he became registered as a Professional Engineer and joined Feldman Mechanical Contractors. His exemplary leadership qualities were quickly recognized, as he rose to be President of Feldman, beloved by his team. His dedication and integrity were best described by a comment by Bob Urban, that ***"The best project is one that...Feldman (does) the heating and air conditioning...but the best is Bob Rubin of Feldman will be on the job every day and Bob will make sure everything is just perfect on the ENTIRE job."***

Bob was also distinguished by his service beyond Feldman. He served on every committee ever formed by the local chapter of the Mechanical Contractors Association, and was MCA Chapter President. He, and wife Beverly, a nurse, then worked as a team as Bob led the committee that established the first drug testing policies and procedures for MCA nationally. At the peak of his career, he volunteered his evenings for eight years in "Monday Night Meals", a program for the homeless, organized by the St. Malachi Community in Ohio City. He also recruited other prominent Clevelanders to serve, and regularly sent contributions to the food fund after he moved to Florida.

After his beloved wife Beverly died of Alzheimer's in 2004, Bob bought a dramatic beachfront condo on Longboat Key off the west coast of Sarasota, found significant new friendship, maintained contact with old friends, and lived well.

There is a memorial service for Bob Rubin on June 12, 2011. For more information, [click here](#).

(information from Bill Gardiner, Hal Lewis, Joe Mohar, and Tom Wanner)

"The good man dies, but lives on in the example he provided" - the Talmud

We regret that another of our once-prominent engineering firms fades into our history.

Former member **Kenneth R. Kuentz**, died at age 69 on February 14, 2011, after a prolonged illness. Ken had graduated from Cleveland State University, where he was a co-op student. He worked at Hattenbach Refrigeration & Dalton Dalton Architects and Engineers, before joining our late member Fedon ("Don") Pasiadis in his engineering firm. That firm eventually became Pasiadis-Kuentz and Associates, and then Kenneth R. Kuentz and Associates after Don semi-retired. Ken was also an avid fisherman and hunter, travelling in many states pursuing this passion. He is survived by his wife of 48 years, Charlene; sons David and Michael; daughter Julie; and five grandchildren. His memorial service was held on Thursday, February 17, at Sunset Chapel in North Olmsted, where Fred Hollman represented our chapter and extended our sympathy.

Ken's former partner, Don Pasiadis, had a more colorful history. Don was born and raised in Istanbul, in a Greek family that had lived and thrived in Istanbul for centuries, having moved from Greece when Istanbul was still Constantinople. Don got his undergraduate engineering degree from Robert College (now Bogazici University), founded by Americans in Istanbul in 1863 in the waning years of the Ottoman Empire, to provide all instruction in English. Don then came to the United States on the last passenger ship to leave the Mediterranean Sea before it was closed by World War II. Don got his Master's degree in Engineering from the University of Michigan, and worked for The Austin Company before he started his own independent practice. Don passed away several years ago, but before that, he and wife Dru visited Turkey to see again the sites of Don's youth. He was also survived by children, who have become prominent Clevelanders in their own right.



CHAPTER CALENDAR



October 18, 2010
High Delta T Systems
Location: [Harry's Steakhouse](#)

November 15, 2010
Advancing Ohio's Energy Economy:
Financial Incentives
Location: [Harry's Steakhouse](#)

January 19, 2011
Lunch Meeting:
Proper Installation Methods
Using ASHRAE's "Practical Guide to
Seismic Restraint"
James Tauby - ASHRAE DL
Location: [Crowne Plaza](#)

January 29-February 2, 2011
Winter Conference
Location: [Las Vegas, NV](#)

February 23, 2011
Lunch Meeting:
Cleveland Sustainability
Location: [Crowne Plaza](#)

March 21, 2011
Modeling A Sustainable World
President Bellenger
Location: [Harry's Steakhouse](#)

April 1-3, 2011
YEA Conference
Location: [Denver, Colorado](#)

April 18, 2011
Great Lakes Brewery Tour
Location: [Great Lakes Brewery](#)

April 21, 2011
ASHRAE Webcast:
Geothermal Heat Pumps
Location: [Karpinski Engineering](#)

May 16, 2011
Variable Refrigerant Systems
Location: [Harry's Steakhouse](#)

June 2011
Membership Promotion
Golf Outing

