

SEPTEMBER 2010



The Dewpoint

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THEME: MEMBERSHIP PROMOTION MONTH

Welcome to the first ASHRAE Central Florida Dewpoint for 2010-2011. The month of August always rings in the New as another school year opens with renewed vigor after what was a very relaxing summer. This also marks the beginning of what is the new ASHRAE year.

PRESIDENT'S MESSAGE

Jason Alphonso, PE



The day I wrote this article two important events took place in the ASHRAE calendar. The first event was the last day of CRC 2010 and the other, the Bill Dillard Appreciation Night. As I look back at both these events, I see two events so entirely different but in the same breath, both so surprisingly similar.

The Bill Dillard Appreciation Night was simply a fantastic tribute to a great ASHRAE guy. A classic toast and roast, 10 of Bill's close buddies sang his praises, but also grilled the guy to the hilt. What struck me the most was the ASHRAE camaraderie. Four of the ten speakers were Central Florida Past Presidents, with the master of ceremonies (John Elsea) and ASHRAE Society Past President (Gordon Holness) adding to the mix. They all related on a very personal level with ASHRAE as the bonding agent.

This very same camaraderie was so apparent in CRC 2010. The next generation of ASHRAE all worked together, and had fun together, in what made CRC 2010 a huge success. ASHRAE Central Florida came away with a host of awards and topped it off with the **BEST CHAPTER 2009-2010** in Region XII. This makes it five years in a row, a truly remarkable achievement for our chapter. I personally left the awards dinner with a renewed commitment to this chapter and all its great VOLUNTEERS.

We have dedicated this year to the VOLUNTEER. We have taken this opportunity to profile two VOLUNTEERS, one of which is a new ASHRAE VOLUNTEER. I would like to thank Megan and Nate for their hard work. Great chapters are driven by great VOLUNTEERS. If you think you would be interested in VOLUNTEERING for ASHRAE, but please drop me an email at president@ashrae-cfl.org. We would love to share the ASHRAE camaraderie with you. Hope you avail of the technical updates in this Dewpoint and the issues to come. Perusing through this Dewpoint is also a great way to stay in touch with your chapter. You can also track us on www.ashrae-cfl.org for more up to date information.

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www.ashrae-cfl.org

ASHRAE Society Website: www.ashrae.org

I'll sign off on this issue with my catch line for the year 2010-2011 and something that comes from the heart.....

I AM PROUD TO BE AN ASHRAE VOLUNTEER!

Upcoming Events

ASHRAE BUILDING EQ

September 9, 2010
Gordon Holness, PE

Fall Golf Tournament

October 8, 2010
Sanctuary Ridge Golf Course

Validation of Fire Models for Building Regulatory Applications

October 14, 2010
Jonathan Cantwell

Business Communication, Essentials for Success

November 11, 2010
Dennis Matula

Orlando Events Center CEP Tour

November 2010

The Other Chemistry of HVAC

December 09, 2010
Robert Baker, PE

Energy Analysis, Option or Necessity

January 13, 2011
Julian de Bullet

Building Envelope and Pressurization

February 10, 2011
Ray Patendaude

2011 YEA Dodgeball Tournament

February 26, 2011

Central Florida Shrimp Boil

March 10, 2011
Winter Park Farmers Market

Thermal Storage Plant Tour

March 2011

A Discussion on EnergyGauge FlaCom

April 14, 2011
Dr. Muthusamy Swami

Spring Golf Tournament

April 2010
Sanctuary Ridge Golf Course

ASHRAE Presidential Theme

May 12, 2011
Lynn Bellenger, PE Society President

Programs

Chair:
John Miller, PE



Welcome to a new year,
ASHRAE Central Florida!

Your Board of Governors has been working overtime preparing an exciting calendar for the upcoming year that will have something for everybody.

This year we have chosen technical programs for you that reach out to all aspects of our industry and provide real value to your membership and involvement with the ASHRAE Central Florida Chapter. We will be starting this year off with a bang by welcoming back former ASHRAE Society President *Gordon Holness, PE*. Mr. Holness will be bringing to life ASHRAE's new Advanced Building Labeling System also known as Building EQ. ASHRAE is working hard to develop a function scale that can quantitatively grade a building's performance. The goal of this is to provide additional value to building owners by not only promoting responsible design practices, but also encouraging proper building operation through ongoing commissioning. Additional program information can be found at <http://www.buildingeq.com>.

In addition to this month's program, we will be providing value to you, the Central Florida Chapter member, by providing additional technical presentations covering the validation of building models, business communications, energy analysis, and building envelope & pressurization. Our chapter will also have the opportunity this year to proudly host ASHRAE's first female president, *Lynn Bellenger, PE*, coming this May. Lynn will be sharing her presidential theme with our chapter, "Modeling a Sustainable World".

In addition, the Central Florida chapter will continue to expand upon our successful YEA Tech topics, providing pertinent and useful information to our students and emerging engineers. Our YEA committee chair, *Leonardo Rocha*, has been assembling speakers that will present on the evening's main program and demonstrate how to apply the information dispensed during the technical dinner presentation.

I am proud to have the opportunity to serve you this year as an ASHRAE Volunteer and as your chapter's President-Elect and Programs chair. I look forward to ensuring you receive the most out of your time with us every month and at all of our exciting activities throughout the 2010-2011 year



Region XII CRC 2010 Recap

Past President:
Rich King, PE



This year on top of hosting the winter meeting, our chapter hosted the Region XII CRC (Chapters Regional Conference). The Central Florida chapter truly has some amazing and dedicated people that put many hours into the planning of this event. Thank you Mike Dillard, Wade Conlan and all of the CRC planning committee for all of your leadership in pulling this event together! I'd also like to thank all of our sponsors for making this event possible.

The technical program and welcome party started off this year's CRC. Friday was comprised of an all day regional business session, which was followed by the awards banquet. With everyone's hard work this year, the following awards were accepted:

Healthcare Facilities (Existing): Peninsula Engineering for Winter Park Memorial Hospital CEP
Commercial Buildings (Existing): Peninsula Engineering for Sanford International Airport
Commercial Buildings (New): X-nth for Ritz Carlton Resort in Charlotte, NC

Chapter Awards:

Best Chapter Website – *Megan Tosh.*

Best Refrigeration Chair – *Cameron Sherwood.*

Best CTTC – solid team effort lead by *John Davant.*

Gold Ribbon for History Award – *Tim Citek.*

Best Student Activities – *Anik Patel* did an outstanding job this year and led the students to a first place win in the international student design competition

And finally, **Best Chapter in Region XII for Central Florida!!!**

This would not have been possible without an unbelievable amount of hard work and dedication from a dream team of individuals. Thank you so much for making my time as the 2009-2010 Central Florida Chapter President an incredible experience!



Central Florida ASHRAE Volunteer Spotlight



Name: Megan Tosh
Employer: Stan Weaver Company - Sales Engineer
Member Since: 2005
Volunteer Since: 2005
Service: Student Activities Chair, Newsletter editor, Webpage editor, Regional YEA Coordinator, Chapter Vice President



Name: Nate Boyd
Employer: City of Orlando - Energy Project Manager
Member Since: 2007
Volunteer Since: 2008
Service: Student Branch President, Student Activities Chair

This chapter is strong because of you. Thanks!
Jason Alphonso, Chapter President

Welcome to the ASHRAE fold. Thanks for stepping up to your new responsibility.
Jason Alphonso, Chapter President

History: Bill Dillard Appreciation Night

Contributing Editor:
Jason Alphonso, PE



Though it was not originally planned such, August 21, 2010 proved to be a historical night for the ASHRAE Central Florida Chapter. The event was a “toast & roast” put on by the chapter, UCF Foundation, the community and few of Bill’s close friends from the industry.



Held at the Orlando Museum of Art, about 100 people joined in celebrating Bill’s contribution to the industry and our community. The ASHRAE dignitaries present were Gordon Holness, Society Past President, Ross Montgomery, Society VP and Past DRC of Region XII and Bill Malphus, Current DRC of Region XII. Gordon Holness handed Bill ASHRAE’s Exceptional Service Award (ESA). Gordon went on to explain how notable and rare the ESA actually is, saying that in ASHRAE’s membership of 52,000 members worldwide only 65 members have this award.



Ten gentlemen took the stage each toasting the roasting Bill. Of the ten speakers, four were ASHRAE Central Florida Past Presidents – Bernie Horne (94-95), Dewayne Lorenze (82-83), Hugh Wilson (78-79) and Mike Dillard (07-08). Another past president, John Elsea (93-94) was the master of ceremonies. They all had great stories of our chapter’s glorious past. The other ASHRAE Presidents in attendance were – Firouz Keikavousi (92-93), Michael Sheerin (00-01), Todd Moore (05-06) and Rich King (09-10). I hope you enjoy the pictures of this wonderful evening.



Young Engineers in ASHRAE (YEA)

Chair:
Leo Rocha



As your YEA Chair for Central Florida ASHRAE, I welcome you to a new year. For 2010-2011, the chapter has put together industry tours, tech topic sessions, is continuing our local mentorship program, the 2nd Annual YEA Dodgeball Tournament, and a few surprises. To start, we will have three industry tours of local facilities where our members can have an up close look at a thermal storage, district cooling and central energy plants. Tour dates will begin in November and all our members are welcome to attend. For this year, the tech topic sessions will cover energy modeling cases of buildings and equipment. The tech topic sessions give YEA members an insightful look to the main speaker's topic and the opportunity to network with the young local professionals from our chapter.

Our mentorship program will continue this year with the recruitment of additional mentors and mentees. This mentorship program creates a professional partnership between a YEA member, whether it be a young engineer, recent graduate, or student and a professional member from our chapter. The experienced professional provides assistance and resources for the transition from college to the work industry (such as interview preparation, career path guidance, professional development, and much more). For this year, we are looking to form five groups (each group consists of one mentor and one mentee). Every member of this chapter can participate in this program. If you are interested in becoming a mentor or mentee, please forward an email to lrocha@thermal-techinc.com, expressing your interest in this program. An application will be sent to you, complete and return it promptly to the email above. The local chapter membership chair and YEA Chair will contact you with a follow up interview.

Student Activities

Chair:
Nate Boyd



What a year for Student Activities! Our student members at UCF continue to showcase their talent and dedication on the world stage, taking 1st place in the design category of the 2010 ASHRAE International Design Competition! The winning submission can be downloaded from our website at ashrae-cfl.org. Many thanks go out to the ASHRAE mentors that provided instruction and guidance to our student design teams. We look forward to continuing success from our student members, and furthering our relationship with UCF.

The theme for Student Activities this year is Professional Partnership. We are working with other student professional organizations such as SWE, ASCE, and FES on cooperative agendas to perpetuate interest in engineering and discuss the common dilemmas we face as an engineering community. We will be partnering with these organizations in service oriented events, including K-12 outreach programs.

After co-chairing Student Activities in 2008-2009, chairing the committee in 09-10, and successfully mentoring the student members of the UCF design team to victory, Anik Patel will be moving up to the new position of chapter Treasurer. Kellie Watson will continue to serve as Co-Chair, providing valuable mentoring services to the student members. We are excited to move into the new year and growing our successful student program!



Chair:
Amy Weaver, PE



Chapter Past Presidents

James A. Oberlin	1962-63
James A. Driver	1963-64
Warren L. Chase	1964-65
Kenneth E. Hayes	1965-66
Lloyd H. Boissoneault	1966-67
William C. Denson, PE	1967-68
Maynard D. Reese	1968-69
William R. Penn	1969-70
Theodore H. Brooks	1970-71
J. Wesley Floreth	1971-72
Wiley M. Cauthen	1972-73
Edwin C. Pratt	1973-74
Lyle M. Houser, Jr, PE	1974-75
Hal A. Head, PE	1975-76
Garth E. Tristram	1976-77
Raymond E. Davis	1977-78
W. Hugh Wilson, Jr	1978-79
William M. Dillard	1979-80
John D. Simmonds, PE	1980-81
Joseph K. McCarthy	1981-82
Dwayne Lorenze	1982-83
David Wassman, PE	1983-84
David Krause	1984-85
Bill Watford	1985-86
John J. Asendorf, PE	1986-87
Melvin Borczynski	1987-88
Jack Zelsman	1988-89
Kenneth L. Eiermann, PE	1989-90
Kevin K. McKenzie, PE	1990-91
Todd S. Morgan, PE	1991-92
Firouz Keikavousi	1992-93
John Elsea	1993-94
Bernard Horne	1994-95
Mark Lanier	1995-96
Larry Snyder	1996-97
Bill Leaton	1997-98
Hossein Dayi, PE	1998-99
Gary Carver, PE	1999-00
Michael Sheerin, PE	2000-01
Traci Just	2001-02
Chris Bradford	2002-03
Dan Cross, PE	2003-04
Damon Lynn, PE	2004-05
Todd Moore, PE	2005-06
Tim Citek	2006-07
Mike Dillard	2007-08
Wade Conlan, PE	2008-09
Rich King, PE	2009-10
Jason Alphonso, PE	2010-

Membership Promotion

Welcome back Members! We are excited for another great year with the Central Florida Chapter.

Last year we focused on retaining our members in a tough economy and had great success. This year, we're looking to kick it up a notch and grow our membership! If you still need to become an ASHRAE member, or if you know someone who does, this is the year to finally sign up.

There are different levels of membership for you to choose from when you join ASHRAE. During the workshops at CRC this August, we reviewed costs and member benefits at each level. I'd like to share with you some updates that we received:

Member Grade/Type	Qualifications	Yearly Dues
Member	12 Society-approved years	\$180.00
Associate	Anyone who isn't a Student or a new member	\$180.00
Affiliate	New Members who were never a Student Member	\$50.00 year one \$70.00 year two \$90.00 year three
Student	Full-time Student in approved course of study	\$20.00

***Chapter dues for all Central Florida Members is \$40.00 annually**

Of course this does not include Fellows or Life Members. For more information on all grades of ASHRAE membership, please visit www.ashrae.org/members.

We look forward to working with all of you again this year. All of the members will be hearing from the Membership Promotion committee by the middle of October in an effort to make sure we have all your correct information to make sure you are getting the emails and newsletters and all other important information on Membership Upgrades and Renewals.

If you have any questions please do not hesitate to contact Amy Weaver.

Fall Golf Tournament

Our annual Fall Golf Tournament will take place Friday, October 8th with an afternoon shotgun start at 1pm. The tournament will be held at Sanctuary Ridge Golf Course in Clermont with registration beginning at 10am. Lunch will be served at 11:30am. More information can be found on our website at www.ashrae-cfl.org/events/fall-golf-tournament/.

If you have any questions, please feel free to contact Firouz Keikavousi (firouzk@gmail.com) or Megan Tosh (mtosh@stanweaver.com)



ASHRAE UCF Initiative

Chair:
Kyle
Davis



Welcome back to another exciting year for the UCF Initiative. Over the summer, we have been busy making plans for the 2010-2011 school year to elevate ASHRAE and our industry at UCF. I want to take a few moments and give you all a snapshot of what we plan to accomplish this year.

- The most critical component of our involvement at UCF has always been the students. We have a wonderful student chapter that we will continue to support. One of the ways that we can impact the students, and get them excited about our industry, is to ensure that we maintain a CFC presence at each of the meetings. Our goal is to have 1-2 members at each of the meetings to meet the students and answer the questions they have.
- Every year, ASHRAE funds millions in research dollars to Universities around the globe; we want some of those millions to come right here to UCF. We are going to work with UCF and the professors to help identify research opportunities and help bring some of the funding here.
- One of our primary goals has always been to help the MMAE Department develop a HVAC track. We are going to continue to pursue this goal with the development of a curriculum review committee to help evaluate what curriculum should be used.
- We will continue to work with SA with their community involvement as well as promote the ASHRAE Scholarship to the student chapter.

Our plate is full this year however, we are very excited to see what we can accomplish this year.

Chapter Leadership



President:	Jason Alphonso, PE (407) 857-3510 jalphonso@msifla.com	UCF Initiative	Kyle Davis (407) 321-8100 kyle.davis@harperlimbach.com
President Elect, Programs:	John Miller, PE (407) 246-1688 jmiller@peifla.com	Historian:	Donia Bessa (407) 671-3739 donia.bessa@tlc-eng.com
Vice President:	Megan Tosh (407) 581-6940 mtosh@stanweaver.com	Welcome Committee	John Davant (407) 859-6082 jdavant@mc2inc.com
Treasurer:	Anik Patel (407) 782-7495 anikppatel@gmail.com	Research Promotion:	Ian Lahiff (727) 487-3097 Ian.Lahiff@gmail.com
Secretary:	Joseph de Armas (407) 903-5327 joseph.dearmas@jacobs.com	CTTC:	John Davant (407) 859-6082 jdavant@mc2inc.com
Past President & Governor:	Richard King, PE (407) 246-1688 rking@peifla.com	Calling Committee:	Amy Weaver, PE (407) 661-9100 amyw@c-p.com
Governor:	William (Bill) Dillard (407) 857-3510 bdillard@msifla.com	Honors & Awards:	Firouz Keikavousi (407) 405-3429 firouzk@gmail.com
Governor:	Mike Dillard (407) 857-3510 mdillard@msifla.com	Dewpoint Editor:	Joseph de Armas (407) 903-5327 joseph.dearmas@jacobs.com
Governor:	Wade Conlan, PE (407) 660-0103 wconlan@x-nth.com	Chapter Website:	Jason Alphonso, PE (407) 857-3510 jalphonso@msifla.com
Governor:	Firouz Keikavousi (407) 405-3429 firouzk@gmail.com	Product Directory:	Tom Edwards (407) 581-6940 tedwards@stanweaver.com
Membership Promotion:	Amy Weaver (407) 321-8100 amy.weaver@harperlimbach.com	Golf Chair:	Firouz Keikavousi (407) 303-1141 firouzk@gmail.com
Student Activities:	Nathaniel Boyd (407) 832-1477 nathaniel.boyd@cityoforlando.net	Shrimp Boil Chair:	Dan Cross, PE (407) 701-2384 DACross@rimkus.com
YEA Activities:	Leo Rocha (407) 671-3739 lrocha@thermal-techinc.com	Refrigeration Chair:	Cameron Sherwood (407) 660-0088 csherwood@x-nth.com
Government Affairs:	Tracey Whaley, PE (407) 622-2050 twhaley@hanson-inc.com	Professional Society Relations:	James "Mark" Boggs (407) 304-7465 james.m.boggs@jci.com
Technical Activities:	Scoty Parsons (407) 934-6954 scoty.parsons@disney.com	Colombia Section:	Megan Tosh (407) 581-6940 mtosh@stanweaver.com

CENTRAL FLORIDA CHAPTER of ASHRAE
2010 FALL GOLF CLASSIC
AT



WHEN: Friday, October 8, 2010
WHERE: Sanctuary Ridge Golf Club
2601 Diamond Players Club Drive
Clermont, FL 34711 (352) 243-0411

ENTRY FEE: \$ 125.00 Per Golfer
\$ 150.00 Hole Sponsor

ENTRY FEE INCLUDES: Green Fee with Cart, Lunch, Open Driving Range, On Course Refreshments, Awards & Prizes

SPECIAL CONTESTS: Longest Drive, & Closest To the Pin Holes

TIME: 10:30 AM Registration at Diamond Players Club
1:00 PM Shotgun Start

FORMAT
Shotgun Start
Four Person Scramble

DRESS CODE
Shirts must have collars, **NO JEANS**
Shorts to be no shorter than 4" above knee
Soft spikes only.

Proceeds from tournament will benefit ASHRAE Research Promotion.

ENTRY FORM - ASHRAE GOLF CLASSIC
RSVP By September 25, 2010

TEAM SPONSOR: _____

GOLFERS: 1. _____ 2. _____
3. _____ 4. _____

GOLF _____ @ \$125.00 Each \$ _____

HOLE SPONSOR _____ @ \$150.00 Each \$ _____

TOTAL \$ _____
BRINGING DOOR PRIZES YES ___ NO ___

MAKE CHECKS PAYABLE TO: "CENTRAL FLORIDA CHAPTER OF ASHRAE"
FOR MORE INFORMATION CONTACT: Firouz Keikavousi @ (407) 405-3429 or Megan Tosh @ (407) 581-6940

E-MAIL ENTRIES TO: Firouz Keikavousi firouzk@gmail.com or Megan Tosh mtosh@stanweaver.com
Fax (407) 581-6950 or register online at www.ashrae-cfl.org

PAYMENTS TO BE MAILED TO: Megan Tosh, 3663 All American Blvd, Orlando, FL 32810