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JUNE 2010



The Dewpoint

This has been one awesome year!!! I really want to thank all of those that helped to make this year one to remember. To our members, thank you for your attendance at our monthly meetings!

PRESIDENT'S MESSAGE



Rich King, PE

My first message to the chapter this year announced a focus on our Young Engineers in ASHRAE, better known as YEA members. We aimed to bring YEA members into our chapter, familiarize them with ASHRAE and encourage them to take on a leadership role. With help from a few new events focused on YEA this year, we've made great strides toward that goal.

Jason Alphonso and Leo Rocha were instrumental in implementing the YEA Tech Topics prior to each dinner meeting. There was a good crowd of YEA members at each of these sessions. It is truly awesome to see so many young people at our meetings now. I can remember years ago (I'm not that young) how seasoned the individuals were that attended ASHRAE meetings.

In February, we had our very first dodgeball tournament, which was a complete success. I'd like to thank Leo for all his efforts as our YEA chair. If you missed the tournament, I hope you at least had a chance to view the photos on our website. They'll certainly encourage you to join us next year. This year has been filled with great programs, with the most Distinguished Lecturers I've ever heard of in one year. Jason Alphonso did a wonderful job with the programs! Thank you Jason!! We even had Mayor Crotty as a speaker for one of our meetings – certainly a highlight for all those who attended.

There are so many people to thank for all their efforts this year. I've been fortunate to work with an amazing team. A wise man once told me the key to success is surrounding yourself with great people. The board members, elected officers and committee chairs have all made my job as president fulfilling and fun.

Please take time to read all of the individual names and responsibilities at the end of the Dewpoint; these are the people that have taken time away from work, friends and family to make this chapter successful. Many of these individuals put in an insane amount of work into the Central Florida Chapter and go above and beyond the call of duty. If you happen to see one of them out and about, please thank them for all of their efforts.

I'm looking forward to serving you next year as a governor. As Wade Conlan did for me last year, Jason I'd like to be the first to say, "How can I help you for next year?"

Thanks again and I look forward to seeing you all next year.

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www.ashrae-cfl.org

ASHRAE Society Website: www.ashrae.org

Upcoming Events

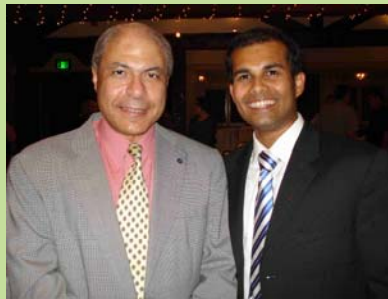
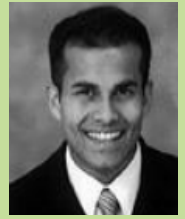
Ice Den Refrigeration Tour
June 10, 2010
RDV Sportsplex

2010 Region XII CRC
August 19-21, 2010
Rosen Centre Hotel

Programs

Chair:

Jason Alphonso, PE



Dr. Sherif and Jason Alphonso, PE

Dr. Sherif's lecture marked the last of our eight technical sessions for the year. We were fortunate to have a great programs year. Six (6) ASHRAE distinguished lecturers, Mayor Richard Crotty, and ASHRAE President Gordon Holness marked our star studded line-up. We held joint meetings with a host of sister organizations – BOMA, IFMA, USGBC, ASHE, ASME, ASPE, SWE and the Space Coast ASHRAE chapter. The CEO and President of BOMA International graced our October mayoral meeting. The average meeting attendance stood around 80 members and we were able to engage professional, YEA and student members alike. The YEA Tech topic, which was specially put on to mark Rich King's presidential theme, averaged about 8 -10 YEA members.

This year we also introduced the revolving "Standing Tall" award. The award recognizes corporate commitment to the eight technical sessions put on by the chapter. In economic times like these, standing tall to support attendance at your local ASHRAE chapter truly deserves a pat on the back. EMCOR – MSI received the award for the 2009-2010 programs year.

As chair of the committee I have a lot of people to thank and I'll keep it short. I'll start with my co-chair, Ben Fauser. As a new volunteer Ben did a great job. I would like to thank programs, publicity, newsletter, calling, membership and YEA committees for their role in making this happen.

I'll sign off here and pass the baton to John Miller who will be our Programs chair for 2010-2011.

It was a pleasure serving you! Au revoir!



EMCOR-MSI May Meeting Attendees



Rich King, PE & Jason Alphonso, PE

May 13 also marked the change of guard. Rich King did a great job as president of your chapter for 2009-2010. After the due nomination and election process, the new slate of officers were inducted:

Jason Alphonso, PE – President
John Miller, PE – President Elect
Megan Tosh – Vice-President
Anik Patel – Treasurer
Joseph De Armas - Secretary

The committee looks forward to your support for 2010-2011.

Officer Inductions



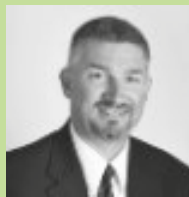
*2010-2011
Officer Inductions
(Anik Patel not shown)*

*2009-2010
Officers*



2010 Region XII CRC

Chair:
Mike Dillard



Co-Chair:
Wade Conlan, PE



The Region XII CRC is rapidly approaching!

The CRC committee has been hard at work preparing the Technical and Networking programs. There truly is something for everyone! The technical programs will include speakers such as Ron Jarnigan, ASHRAE President Elect, who will speak on Standard 189.1. In addition, Michael Sheerin, Vice Chair of TC 9.6/Committee Standard 189.2 and 170, will speak on Standard 189.2. Bob Baker, Chair, Standard 180, will discuss applying Standard 180 in the health care environment. CEUs will be available for attending these sessions.

For golfers, we have arranged a special rate for ASHRAE Region XII CRC participants at Falcon's Fire Golf Club, an excellent course located near the Rosen Centre Hotel.



We are also assembling other family oriented outings including a trip to Fantasy of Flight and a shopping and dining tour of Pointe Orlando.

Here's where we need your help. By registering early, you greatly help the committee with the final commitments needed for activities. (Remember that the schedule has been changed) Also, we are still seeking sponsors for the various CRC activities. Please consider investing in this important event as a sponsor! Visit the ASHRAE Central Florida Website at <http://www.crc2010region12.org/> for more information, or feel free to email Mike Dillard at MDillard@msifla.com or Wade Conlan at wconlan@x-nth.com.

Research Promotion

Chair:
John Miller, PE



Hello Members and Friends of the Central Florida Chapter of ASHRAE, We need your help! We are reaching the end of this year's Research Promotion campaign and still have 50% of our goal left to attain. Don't forget that money raised goes directly to the largest privately funded research engine in our industry. Please remember, due to dollar to dollar matching from this year's AHR expo your contribution is worth DOUBLE to Society, and you can be assured that every one of your dollars will be spent on research to provide the tools, publications and standards we use every day! Through ASHRAE's research, we have developed more efficient ways to condition, ventilate, and commission our buildings that are quickly becoming standard practice throughout the United States and the rest of the world. Without your help and contributions, ASHRAE will not be able to remain the technical experts behind the green movement, and we will not be able to fund the projects necessary to develop standards to design the most efficient and functional indoor environments.

Please make your donation TODAY online at <http://www.ashrae.org/contribute> (Please reference the Central Florida Chapter in the form), or contact John Miller (407-246-1688, jmiller@peifla.com) with cash or check donations. Any individual donation greater than \$100, or corporate donation of \$150 is an honor roll level donation where you will be recognized by society with a bronze medallion, and your name in an insert upcoming edition of the ASHRAE Journal recognizing all of our Honor Roll Level donors! All donations are due at society no later than June 30th, please deliver all check and cash donations prior to June 20th to allow for shipping.

Thank you for all of your help Central Florida!

Chapter Technology Transfer Committee

Chair:
John Davant



For the month of May the local chapters guest was Dr. Sherif with a presentation on Ice Fog and Psychometrics. According to the feedback we received the presentation was an informative presentation of fundamental refrigeration. Maybe we can have him back in a meeting in the future for those of you who may have missed this meeting.

Congratulations to all of the Tech Award entries submitted. First place goes to the following companies submitting for awards this year.

Category: Commercial Buildings—New Construction

Category goes to X-nth, Inc. for their submission on the Ritz Carlton Hotel in Charlotte, North Carolina. The project consisted of a 19 story LEED gold certified project comprised of 120 deluxe rooms, 30 suites, a full service salon and spa, gourmet dining, and a green vegetated roof design.

Category: Commercial Buildings—Existing Construction

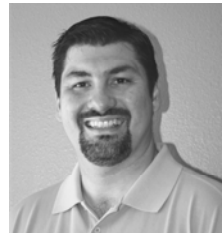
Category goes to Peninsula Engineering for their submission on the Sanford International Airport, Sanford, Florida. The project consisted of an energy retrofit including upgrading the lighting systems that qualified for utility incentives of approximately \$7,652. Demand control ventilation was implemented on the existing air handlers and controlled by the new building automation system and several automatic plumbing fixtures were installed in high traffic areas. The over all projected energy savings is expected to save approximately \$425,500 per year in annual savings.

Category: Healthcare Facilities—Existing Construction

Category goes to Peninsula Engineering for their submission on the Winter Park Memorial Hospital, Winter Park, Florida. The project consisted of the replacement of the inefficient boiler system with a new improved efficient boiler system. Three of the 5 existing chillers were upgraded from the R-11 refrigerant with the latest available environmental friendly refrigerants and design corrections and upgrades were completed on the chilled water pumping and piping systems. Additionally modifications were implemented to improve the temperature and humidity to the occupants.

ASHRAE UCF Initiative

Chair:
Kyle Davis



Another year has come and gone for the UCF Initiative and our relationship with UCF continues to strengthen. So, as we put another successful year into the record books, we want to take a moment to update the chapter with our accomplishments this year and a brief look at our plans for next year.

This year we focused on three key areas.

- 1) We wanted to continue to push for an awareness of ASHRAE on campus with students, faculty and staff. Because of our long term plans for the initiative, this has always been one of the key objectives. To ensure that ASHRAE continues to have an impact on the students that graduate into our local market, we have to continue to maintain strong presence on campus as well as supporting the students. This year, we partnered with Student Activities to provide some guest lecturers for some of the student chapter meetings. We also had great attendance by some of the faculty and staff at many of our meetings and our Shrimp Boil was a huge hit.
- 2) To support the curriculum changes that have been made. Last year, we were able to help the ME Department add a second class for HVAC (HVAC II). We worked with the professor to develop the curriculum and the lesson plans for class and provided some guest lecturers for the class. The interest in the class continued into this year with about 12 students and we look forward to the opportunity to add classes to the curriculum in hopes of developing an HVAC track at UCF.
- 3) Utilize an outreach event, with the University, that would elevate ASHRAE in the community. This last year, we were able to help in two key areas (I wish I had more space to tell you all about them). As many of you know, last year, we changed the ASHRAE Scholarship so that four scholarships are awarded every year. This year, Jason Alphonso and I had the honor of attending the awards ceremony and handing out the scholarships to the four recipients. It was a great honor to represent the chapter. We also continued our presence on the Industrial Advisory Committee (2 positions...thank you Wade Conlan and Jason Alphonso) which is key to MMAE's accreditation.

It was certainly a busy year and we are already looking forward to next year. We will continue our work in the areas where we have been successful and we are going to concentrate on helping UCF submit for ASHRAE research money and Grant-In-Aid dollars.

Thank you all for your support and we will see you next year.

Membership Promotion

Chair:
Amy Pastor, PE



Co-Chair:
Amy Weaver, PE



It's the end of another ASHRAE year. I can't believe how quickly the year went. While we are taking a break from ASHRAE Chapter activities, there is still plenty that you can do over the summer break to stay in tune with ASHRAE.

- For those members who have dues expiring in the summer months, please remember to renew your membership! You will still receive an email from the Membership Promotion committee reminding you about your renewal date.
- Even if your membership is not expiring in the Summer, please consider renewing your membership early. Dues are set to increase starting on July 1, 2010. You can lock in the current rate for your next year's dues if you renew before then.
- You are allowed to renew for up to 3 years. If it makes sense for you to join for a three year membership period, the option is there!! It will not only save you some money for this current increase in dues, but it will also save you money on the next two years. Dues will continue to go up in \$5/year increments for the next 3 years.
- Check your ASHRAE home page and see if you're eligible for a membership upgrade.

While the chapter meetings are stopping for the summer, your ASHRAE Board and chapter chairs will be hard at work preparing for next year. Contact one of the officers or one of the chapter chairs if you're interested in becoming more active in ASHRAE. There are PLENTY of opportunities to do so.

If you have any questions please contact Amy Pastor (apastor@x-nth.com) or Amy Weaver (amyw@c-p.com).

Have a healthy and safe summer and we look forward to seeing every one of you back at our chapter meetings in the Fall!

Student Activities

Chair:
Anik Patel



Co-Chair:
Kellie Watson



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. Tristam | 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- |

As we wrap up another successful year of student activities, we would like to congratulate all the recent UCF Graduates! Good luck in your future endeavors and we hope to see you around ASHRAE next year.

Thank you to the UCF Senior Design participants for all of their hard work on this year's challenging design competition. All three teams did a great job with their projects and we hope you enjoyed the rigorous introduction to the world of HVAC.

Thank you to Anik Patel for your dedication to Student Activities this year. We appreciate all the hard work you put in. We wish you well in your Treasurer position next year.

As we say goodbye to Anik, we'd like to welcome the incoming SA Chair, Nate Boyd. Nate is a recent graduate from the University of Central Florida with a Bachelor's of Science in Mechanical Engineering. He was the ASHRAE UCF Student Chapter President last year and the team leader for the UCF design team entry in the ASHRAE International Design Competition. He has over 12 years experience in the building automation and controls industry and is the new Energy Project Manager for the City of Orlando. Nate is a registered E.I. with the Florida Board of Professional Engineers, as well as a LEED Accredited Professional. We are glad to have you Nate!

Young Engineers in ASHRAE

Chair:
Leo Rocha



Chapter Leadership



This has been an exciting year for Central Florida Young Engineers in ASHRAE. During this year, we had the opportunity to present Tech Topic sessions to all of our members. These discussions gave insight to the main speaker's topic and also served as a networking opportunity. Our young members were able to hear from local industry professionals like Michael Sheerin, Wade Conlan, Firouz Keikavousi, Damon Lynn, Bob Hyttel, Paul Halyard, and Richard King. The topics covered addressed key subjects like Preventive Maintenance, Infection Control, and Sustainability.

The 1st Annual Dodge ball Tournament was held in February. Seven companies from the Central Florida HVAC community participated in this event: Thermal Tech, Inc., Tom Barrow Co., MSI, Harper Limbach, LLC, Peninsula Engineering, Jacobs Engineering, and X-nth. The semi-finalists, Thermal Tech, Inc. and X-nth disputed the title of champion in the final game. X-nth quickly came out on top by eliminating Thermal Tech, Inc in only 1 minute and 34 seconds, the fastest game of the entire day. Congratulations to X-nth (Matt Mikus, JC Le, Matt Hopf, Kim Hopf, Jason Jones, Tom Hoppert, and Tim Hedrick) for winning the 1st Annual Central Florida ASHRAE – YEA Dodgeball Tournament!

Another great achievement for our chapter is the development of the local Mentorship Program. This program was developed with the objective of creating 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 will provide assistance and resources for the transition from college to the work industry (such as interview preparation, career path guidance, professional development, and much more). Currently, we are in the mentor/mentee matching process and we will be announcing our first participants by the end of this month. Thank you for such a great year and we look forward to seeing you for 2010 – 2011.

**Renew Your
Membership
Online!**

**Visit ashrae.org
and
Manage Your
Membership**

| | | | |
|----------------------------|--|----------------------|---|
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| Vice President: | Leo Rocha (407) 373-0042 lrocha@thermal-techinc.com | Welcome Committee: | John Miller, PE (407) 246-1688 jmiller@peifla.com |
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| Secretary: | Megan Tosh (407) 581-6940 mtosh@stanweaver.com | CTTC: | John Davant (407) 212-1293 john.s.davant@jci.com |
| Past President & Governor: | Wade Conlan, PE (407) 660-0088 wconlan@x-nth.com | Calling Committee: | Amy Weaver, PE (407) 661-9100 amyw@c-p.com |
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| Governor: | Mike Dillard (407) 857-3510 mdillard@msifla.com | Dewpoint Editor: | Megan Tosh (407) 581-6940 mtosh@stanweaver.com |
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| Governor: | Firouz Keikavousi (407) 405-3429 firouzk@gmail.com | Product Directory: | Tom Edwards (407) 581-6940 tedwards@stanweaver.com |
| Membership Promotion: | Amy Pastor, PE (407) 660-0088 apastor@x-nth.com | Golf Chair: | Firouz Keikavousi (407) 303-1141 firouzk@gmail.com |
| Student Activities: | Anik Patel (407) 782-7495 anikppatel@gmail.com | Shrimp Boil Chair: | Dan Cross, PE (407) 701-2384 DACross@rimkus.com |
| YEA Activities: | Leo Rocha (407) 373-0042 lrocha@thermal-techinc.com | Refrigeration Chair: | Cameron Sherwood (407) 660-0088 csherwood@x-nth.com |