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JANUARY 2010



The Dewpoint

THEME: MEMBERSHIP PROMOTION MONTH

January marks the halfway point of our ASHRAE year. We have four more dinner meetings and many other events planned for you. January is also a time for reflection on the past year and a time to bring forward resolutions and plans for 2010. Although the economy has been nothing short of challenging, it is important to highlight the good. For example, the chapter's record attendance helped us capture best chapter in the region for the fourth year in a row, despite the economy! It is important that we all keep a positive outlook in looking forward to a better 2010.

PRESIDENT'S MESSAGE

Rich King, PE



In addition to our dinner meetings, we are also hosting the 2010 Winter Meeting this month. I'd like to thank those that have taken time out of their jobs and personal life to plan for this event. The Winter Meeting is going to be an awesome event!! And if you're too old to know what a Wii is, or if you haven't had the chance to try one out, come visit us at the Member's Night Out on January 26th.

Looking beyond the winter meeting, we are also fortunate enough to have Gordon Holness speak at our February meeting. This will be the fourth year in a row that Central Florida has hosted the ASHRAE president. The event will take place on Tuesday, February 9th. Please note that this is not on a Thursday (so I better not hear that as an excuse)!

The 8th annual shrimp boil will be on March 25th at the Winter Park Farmers' Market. Eight times!!! You'd think we like shrimp. We are also trying something new this year with our first dodgeball tournament. If you feel like throwing something as hard as you can at me, anyone else on the board, or any other ASHRAE member, well bring it! For those of you that don't come to our chapter meetings and don't really feel like participating in our chapter, suck it up and come have some fun. Not coordinated enough to throw a ball? Maybe you should try our spring golf tournament. Let's face it, we have something for everyone. If you can't find anything that draws you to us, let us know how we can entice you. This is your chapter!

Give a Day. Get a Disney Day!



Beginning January 1, 2010, Disney will inspire one million people to volunteer a day of service to a participating organization through the "Give a Day, Get a Disney Day!" program. Frontline Outreach is one of the participating organizations where a day of your time can earn you a free one day admission to Walt Disney World. As the venue for our first dodgeball tournament and the focus of our sustainability project, Frontline Outreach is an important friend to Central Florida ASHRAE. We encourage you to give a day of your time to this facility and take advantage of this excellent program. For more information, click [here](#).

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www.ashrae-cfl.org

ASHRAE Society Website: www.ashrae.org

Programs

ASHRAE Distinguished Lecturer Larry Spielvogel, PE's presentation on December 10, 2009 was educational, thought provoking and borderline controversial.

Firstly from an educational standpoint his topic "Overview of ASHRAE/ANSI/IESNA Standard 90.1" provided a technical insight into ASHRAE's most widely known standard. Larry's presentation covered organization, appendices, purpose, scope, scope limitations, administration, enforcement and compliance. What I personally found most intriguing was the present controversies that have mired this standard and what the end user can do to ensure a better standard. We will post a copy of the presentation on our chapter website.

Secondly, Larry's choice of examples and anecdotes made engineers rethink what we over the years have considered to be the norm. He is truly an engineer's engineer, probing you to think outside the box.

Finally, Larry's unique but potent combination of technical expertise and thought provoking ideas is bound to be controversial. Under fire were some of the very pillars of our trade – energy modeling, commissioning, green initiatives and programs, the current standard committee and even the overall direction of the ASHRAE society.

Attendee reviews were equally varied. From "Best lecture in 5 years at an ASHRAE meeting", to "Very controversial" and one attendee describing the tone of the meeting as downright "negative". Larry's meeting was truly a mixed bag.

On a separate note, I would like to thank Wade Conlan, PE for doing a great job with the YEA Tech Topic. True to his simplistic and effective style Wade delivered a fantastic program. Thank you Wade!

The night also belonged to our History Chair, Tim Citek. Carefully drawing from ASHRAE Central Florida's rich history Tim put together a light, fun filled presentation in the form of multiple picture slides. It was a nostalgic moment for those members who are so much a part of our chapter's history.

And finally my gratitude and sincere thanks to the Past Presidents that made December's meeting. The chapter Past President's night had the best past president attendance in years. The oldest attending past president (by election) was Wiley M. Cauthen (1972-73). Wiley - It was an honor to have you attend.

With half the year in our pocket we look forward to a great 2010. I would like to wish you all Merry Christmas, Happy Holidays and a Happy New Year. See you all in 2010!

Chair:

Jason Alphonso, PE



Upcoming Events

ICRA (Infection Control Risk Assessment) 101: Understanding the Basics of Liability and Risk During Healthcare Construction

January 14, 2010

Marlene Linders

Joint Meeting with ASHE

Sustaining Our Future by Rebuilding Our Past

February 9, 2010

Gordon Holness, P.E.,

Society President

Joint Meeting with BOMA/IFMA

First Annual Dodgeball Tournament

February 27, 2010

Frontline Outreach Center

Central Florida Shrimp Boil

March 25, 2010

Winter Park Farmer's Market

Master Format 2004

April 8, 2010

Charles E. Gullede, III, P.E.

Joint Meeting with SWE/ASME

Spring Golf Tournament

April 9, 2010

Sanctuary Ridge Golf Course

Ice Fog and Psychrometrics: The Missing Link in Industrial Freezer Design

May 13, 2010

S.A Sherif, PhD

Joint Meeting with AEE

ASHRAE Winter Meeting—Orlando 2010

Twenty Three Days and Counting!

Hard to believe that we are so close to Hosting our third ASHRAE Conference! (1994 Summer Meeting, 2005 Winter Meeting) We are fortunate to have a great Host Committee and the best Chapter in Society backing us up as we head into this event. The international flavor of this event with visitors in our industry coming from all over the world makes this opportunity even more spectacular! We've already recruited many of you but if for some reason we've missed you please contact myself, Wade Conlan, or my Assistant Mary Cleveland if you are interested in giving us some of your valuable time during the meeting January 23-27th. We have a variety of duties to fill, including Session Monitors, Help Desk Support, Greeters for the Welcome Party, Wii Game Specialists for Members Night Out, Hospitality Suite Monitors, Tour Bus Monitors, and Technical Tour Guides. It's a great event and we are proud to Host the event here in Orlando. It is a huge financial shot in the arm for our Community at a time when we desperately need it! Thank you all in advance for your tremendous support!!

Bill Dillard

General Chairman

bdillard@msifla.com

mccleveland@msifla.com

wconlan@x-nth.com



Chapter Technology Transfer Committee

Happy New Year to everyone and I hope your Holidays were good. We have been really busy getting ready for the ASHRAE Winter Meeting this month. If you have not signed up to assist the host committee please do so at your earliest convenience.

The December meeting hosted Larry Speilvogel to discuss ASHARE 90.1. We had an excellent turn out for the event and an interesting discussion around the pros and cons of the standard. We had mixed reviews from "The Best Central Florida ASHRAE has done in a long time" to "Could have been a little shorter". Overall the success of the meeting was very positive.

We are happy to announce two different opportunities for you, our members, to receive recognition for the work you do! First, the deadline for E-Week Awards in both the Lifetime Achievement in Engineering and Leadership Excellence categories has been extended to January 15th. To submit an application for either yourself, or a fellow member, please contact Firouz Keikavousi for more information at firouzke@gmail.com.

ASHRAE Technology Awards also recognize the achievements of our members. Take a minute to think about any innovative projects you've worked on in the past year and considering submitting in one of the seven categories. More information is listed in the ASHRAE Technology Awards section. To submit an entry or for a copy of the application form, please send me an e-mail at john.s.davant@jci.com.



Chair:
John Davant

Technical Activities

Co-Chair:
John Fabian



Building Energy Modeling Professional (BEMP) Certification

Starting this year ASHRAE will offer BEMP Certification. This certification has been developed in conjunction with IESNA and the International Building Performance Simulation Association (IBPSA-USA). The purpose of the program is to certify individuals' competency regarding numerous aspects of energy modeling, which include: evaluating results, model calibrations, result interpretations, and economic analysis.

The first round of testing will be available at ASHRAE's Winter Conference and AHR Expo (Jan 25-27, 2010). For those in the Central Florida Chapter, that means a short drive to the Orange County Convention Center. After the first round of testing, BEMP Certification will be available through test centers in the U.S. and internationally starting in March 2010.

The initial BEMP Certification test held this month will cost \$147.50 for members and \$207.50 for non members. Examinations taken after January will run \$295 for members and \$415 for non members.

For more information and to check for eligibility, visit the ASHRAE website at: <http://www.ashrae.org/certification/page/2491>.



ASHRAE Technology Awards

As many of you may remember, last year entries from the Central Florida Chapter won all 6 categories of Technology Awards in our Region! Tech awards are a great way to recognize ASHRAE members' technologically innovative designs and we are proud to have so many of our chapter members honored. Let's making winning tech awards a tradition for our chapter!

ASHRAE Technology Award applications are accepted in each of the following categories:

1. Commercial Buildings (New and Existing)
2. Institutional Buildings (New and Existing)
3. Healthcare Facilities (New and Existing)
4. Industrial Facilities or Processes (New and Existing)
5. Public Assembly Facilities (New and Existing)
6. Residential Buildings
 - Single Family
 - Multi-Family (Low and High Rise)
7. Alternative or Renewable Energy Use

All current members of ASHRAE and its Associate Societies may submit entries. Entrants must have had a significant role in the design or development of the project. To submit an entry, please fill out and return the application form along with up to 10 pages (single sided, double spaced, 12 pt font) addressing:

1. Energy Efficiency (15 Points)
2. Indoor Air Quality (15 Points)
3. Innovation (15 Points)
4. Maintenance & Operation (15 Points)
5. Cost Effectiveness (15 Points)
6. Environmental Impact (15 Points)
7. Quality of Presentation (5 Points) (No response required)

For more information on entry requirements, judging criteria and helpful hints, please visit www.ashrae.org/publications/detail/14704. Application forms, sample entries and a list of previous winners can be found at www.ashrae.org/members/page/1646. If you have any questions or to submit an entry, please contact our CTTC Chair, John Davant, at john.s.davant@jci.com.



An Interview with Wade Conlan, PE (Past President 2008-2009)



Wade H. Conlan is a Principal with X-nth, A Trow Global Company. As a leader in the Commissioning group he specializes in the Entertainment, Healthcare, Mission Critical, and SciTech markets. He also helps oversee the firm's design process and standards. Wade is a registered Professional Engineer in Florida and is also LEED Accredited.

Question: What was the biggest challenge you faced as president?

Wade: Time management between family, work and ASHRAE. They all demand quality attention and it is tough to balance when you are running the show. I would like to think I did okay overall. Many might think it would be the economy and its impact on a non-profit volunteer organization – but I think that our chapter banded together, did the best we could with the situation and stayed positive.

Q: What is your best memory of your presidency?

W: There a few things that stand out – the attendance at our meetings thanks to Rich and the Amy's getting the information out there (including 60 people on National Championship night for football), having 9 submissions for the Tech Awards for CTTC, having a meeting between Society President Bill Harrison and UCF Vice President Bill Merck about getting ASHRAE and UCF working together, but the one that stands out the most is the reaction of Rich King when all our Chapter's efforts were recognized at the CRC Awards lunch. It was funny.

Q: How did your volunteer service as an officer of this chapter affect your life both professionally and personally?

W: Professionally it helped me understand what it takes to run a business from all aspects – secretary keeping people informed, treasurer to see all of the money that flows in and out and taking care of taxes, running and organizing events, publicity of events by running the website and then being the “final voice” on a lot of issues trying to balance all viewpoints. Personally – I know a lot more people in the industry in Florida – but more importantly I have become friends outside of ASHRAE with good people like Rich King, Megan Tosh, John Miller, Mike Dillard and Jason Alphonso.

Q: Were there any chapter traditions started during your presidency that you hope to see continued?

W: I don't think I set out to start any new traditions, except the dinner for the officers and committee chairs after CRC. In Argentina we went out to dinner as a chapter thanks to Mike Dillard, and so I guess it isn't tradition until it happens a second year and is planned to happen that way. We all went out after CRC in St. Pete and had a great meal celebrating the ASHRAE year and our efforts. I hope that is something that Rich will carry on in some form. Oh, and the emails to the Regional Officers they *love* so much that Rich has continued.

Q: What are you currently doing for ASHRAE?

W: Well, as all past presidents know, you are supposed to stay around and help and not disappear – which is tougher to do than it sounds. I have made 2 meetings so far which means I could break a record for immediate past-president attendance. Fortunately (or “un” depending on how you look at it) I volunteered to be the Vice-Chair for the Host Committee for the Winter Meeting happening in Orlando this January. I also asked to be the 2010 CRC Vice-Chair. This past October I became the Regional Nominating Alternate and attended the fall meeting for that committee – I can't say anything of course – but it is interesting to see the process. For Society – I am the Secretary for TC-9.10 Laboratory Systems and am on track to eventually be the Chair in a few years for that technical committee. And right now as I type this, I am avoiding creating my presentation for Seminar 17 that I am speaking in at 1:30 pm on Sunday January 24th at the Winter Meeting.

Q: What advice would you give to future chapter presidents?

W: Learn how to assign tasks to volunteers and get them to follow through. No one makes a chapter successful by themselves – it takes a lot of people and their hard work to achieve the desired results. Oh, and be prepared to inform your spouse that “you have an ASHRAE thing” which you forgot to plan ahead....they *really love* that!!!



Young Engineers in ASHRAE

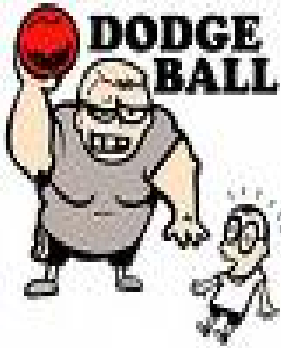
Chair:
Leo Rocha



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-

Hello Central Florida ASHRAE members, we have exciting programs for you this coming spring season. So let's get ready for some fun times and learning opportunities. The local mentorship program has reached completion and we are excited to announce that we will be sending emails to all of our members who would like to participate in this program as a mentor or mentee. The objective of this local mentoring program is to provide assistance and resources for the transition from college to the work industry, interview preparation, career path guidance, general HVAC fundamental courses, professional development, ASHRAE Leadership Development, and much more! Furthermore, it will give our local members the opportunity to learn more about our Technical Committees and possibly have future involvement. Our first group of mentors/mentees will be announced after the 2010 winter meeting. If you would like to receive information on how to become part of our local mentorship program, please send me an email to vicepresident@ashrae-cfl.org. You will receive a survey according to your status: professional member or student member. Please, fill this survey and return it to the email above no later than January 30th, 2010.



Ready, set, Dodgeball! That's right members our Dodgeball Tournament is just around the corner. Please join the Central Florida ASHRAE Chapter for our 1st Annual YEA Dodgeball Tournament taking place on Saturday, February 27th, 2010 at the Frontline Outreach Gymnasium (3000 C.R. Smith Street Orlando, FL 32805). Please arrive promptly; Tournament will begin at 11:00 a.m. Each team will consist of 6 – 10 players; **everyone is welcome to sign up for this event.** We will have a double elimination tournament, so you will have the opportunity to redeem your team and possibly get to the final game of the day! The registration deadline for this event is January 22nd, 2010. The cost for this event is \$15.00 per player. Lunch and Tournament T-shirt

will be given to all participants. If you have any questions or would like to sign up individually for this event, please send me an email to vicepresident@ashrae-cfl.org.

Membership Promotion

Chair:
Amy Pastor, PE



Co-Chair:
Amy Weaver, PE



Happy New Year Central Florida ASHRAE Members!

I can't believe we're already through the first half of our ASHRAE year. 2010 is here! This month's meeting will be another Membership Promotion meeting. Make sure to bring a friend or colleague to join us and let's keep those meeting attendance numbers up!

At our November meeting, we had a visit from our Membership Promotion RVC, Jennifer Isenbeck. She spoke to everyone briefly about the importance of staying a member in ASHRAE and to make sure you check your member status because you may be eligible to upgrade! Jennifer or either of the Amys can help you if you have any questions.

Additionally, Jennifer formally announced that Amy Weaver was nominated for the Lincoln Bouillion award. This is the highest Society level award for Membership Promotion. We're so proud of her!

Remember to mark your calendars for the January meeting and we'll see you there!



Student Activities

Chair:
Anik Patel



Co-Chair:
Kellie Watson



The UCF Senior Design Students learned many interesting topics this past semester, including the basics of BIM (Building Information Modeling). Our students have been tasked with designing a full mechanical system for the Florida Hospital Ginsburg Tower. They were given only architectural drawings and a brief narrative for this year's international ASHRAE design competition. By May, they'll be expected to have a full set of mechanical drawings (sized pipe and duct) with equipment selections and energy model/load calculations.

Shown below are some of the BIM renderings our students have been working on. No, these were not drawn by architects using state-of-the-art software and computers, but rather by seniors at UCF. Special thanks to Michael Angell and his team for providing the pictures for this month's Dewpoint.



*Florida Hospital Ginsburg Tower BIM Rendering
Modeled by UCF ASHRAE Senior Design Member Michael Angell*



*Close up of the Florida Hospital Ginsburg Tower BIM Rendering
Modeled by UCF ASHRAE Senior Design Team Member Angell*

Chapter Leadership



President:	Richard King, PE (407) 246-1688 rking@peifla.com	UCF Initiative:	Kyle Davis (407) 321-8100 kyle.davis@harperlimbach.com
President Elect, Programs:	Jason Alphonso, PE (407) 857-3510 jalphonso@msifla.com	Historian:	Tim Citek (407) 671-3739 tcitek@cfl.rr.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
Governor:	William (Bill) Dillard (407) 857-3510 bdillard@msifla.com	Honors & Awards:	Firouz Keikavousi (407) 405-3429 firouzkg@gmail.com
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 firouzkg@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 firouzkg@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) 671-3739 leo.rocha@aquaaifrl.com	Refrigeration Chair:	Cameron Sherwood (407) 660-0088 csherwood@x-nth.com