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50 YEARS OF EXCELLENCE
CENTRAL FLORIDA CHAPTER

The Dewpoint

THEME: STUDENT ACTIVITIES MONTH

Happy Fall ASHRAE Central Florida!

In addition to serving as Chapter President, I have the privilege to serve our chapter as our Honors and Awards chairman... a post at which I have the distinct privilege of nominating individuals from our chapter to be recognized for their accomplishments and work within ASHRAE at the Chapter, Regional and Society levels.

PRESIDENT'S MESSAGE

John Miller, PE



This month I would like to extend an invitation to all of our Young Engineer's in ASHRAE (YEA) members to nominate yourselves and peers who are under the age of 30 as of December 31st, 2011 to be the next **New Face of Engineering!** If you are interested please contact me at president@ashrae-cfl.org for more information! Last year the Central Florida Chapter nominated **FIVE** of our young members for recognition, and this year I would like to nominate even more of our eligible members!

In addition to the YEA members' New Faces of Engineering, our students now have an avenue to be recognized for their accomplishments and earn financial support for college! ASHRAE is proud to unveil the **New Faces of Engineering: College Edition!** All engineering students who are interested in entering this year's competition, the nominations process takes place entirely on FACEBOOK at <http://www.facebook.com/CollegeEdition>. Like them today and fill out your nomination! ALL of our ASHRAE Student Members should take a look at this opportunity and nominate yourself for an opportunity at a \$1000 scholarship!

The Deadline for both the New Faces of Engineering and the New Faces of Engineering: College Edition is **October 21, 2011**. Again, all students can nominate themselves on Facebook and YEA members can make nominations by contacting me at president@ashrae-cfl.org

Additional information for these opportunities can be found at:

New Faces in Engineering (YEA Members): <http://www.ashrae.org/newfaces>

New Faces in Engineering: College Edition: <http://www.ashrae.org/nfcollege>

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www.ashrae-cfl.org

ASHRAE Society Website: www.ashrae.org

Chapter does not act for Society

ENGINEERING FOR A SUSTAINABLE WORLD

Upcoming Events

OUC Industrial and Commercial Custom Incentive Program

October 13, 2011
Kent Hobart, OUC

The Other Chemistry of HVAC

November 10, 2011
Robert Baker

YEA / Refrigeration Tour ICE! At Gaylord Palms

November 15, 2011

BIM for Mechanical Disciplines

December 8, 2011
Dennis Knight, PE

Night Golf Tournament

December, 2011

January Technical Meeting

January 12, 2012

ASHRAE Winter Conference

January 21-25, 2012

February Technical Meeting

February 9, 2012

2012 YEA Dodgeball Tournament

February 25, 2012

Central Florida Shrimp Boil

March 8, 2012
Winter Park Farmers Market

YEA Technical Tour

Spring 2012

April Technical Meeting

April 5, 2012

Spring Golf Tournament

April, 2012

May Technical Tour

May 10, 2012



Programs

Chair:
Megan Tosh, PE



Thank you to everyone that came out in September to see Society President, Ron Jarnagin.

Ron presented his presidential theme, "Sustaining ASHRAE Through Leadership" and the Central Florida chapter presented awards to our members for their outstanding volunteer efforts. It was a great start to our year and I hope you all enjoyed it!

This month we welcome Kent Hobart from OUC to share with us their Industrial and Commercial Custom Incentive Program. OUC offers financial incentives to businesses that install energy efficient upgrades in their facilities – good news for local facilities owners, contractors and engineers! Many of you may remember meeting Kent last year when he presented a YEA Tech Topic at a chapter dinner meeting; we liked him so much we're bringing him back again this year.

October is also Student Activities night – my favorite night of the ASHRAE year. Our chapter student activities committee is where I first became an ASHRAE volunteer and it's still my favorite committee to devote time to. The current committee has a ton of great activities planned for students of all ages and I encourage you to help them out and get involved. Attending the meeting in October is a great way to show support for our students & hear more about what the committee is up to!

See you all at the meeting on the 13th.





K-12 - Kellie Watson, Student Activities K-12 Co-Chair

Our K thru 12 outreach event, **Bring an Engineer to School Day** will take place on Wednesday November 16th at Frangus Elementary School. This program gives ASHRAE members the perfect opportunity to share the careers they love with local children. We will be visiting 4th and 5th grade classes for about an hour in the morning. The idea is to let them know a little about what engineers do and get them excited about math and science. Email Kellie Watson to sign up at kellie.watson@atkinsglobal.com. This has been a big success in the past and we'd like to keep it going!

UCF Student Chapter - Burns Bradford, Student Activities UCF Co-Chair

Last month, the UCF Student Branch of ASHRAE was fortunate enough to have Ronald Jarnagin, Society President, stop by and share his knowledge on a plethora of topics. The room was packed full of attentive students, excited to learn all they could. The discussions ranged from Mr. Jarnagin's platform of "Sustaining ASHRAE through Leadership" to ASHRAE research opportunities and finished with talks of his time as a tail-back for Louisiana State University. At the end of the meeting, the floor was opened for questions. Unfortunately, there were so many questions time ran out before all could be answered!

After the on campus meeting, many of the students came to Dubsdread for the Professional Chapter meeting. They thoroughly enjoyed the meeting and many created new contacts with the Professional members. Members of the Senior Design team were able to meet some of their future mentors and ask early questions pertaining to the project.

The student chapter is very fortunate to have a great team of officers and chairmen leading the charge this year. The ASHRAE at UCF President is Isaac Lima, James Lyons is the Vice President, Sam Lemaster is the Secretary and Brayden Smith is the Treasurer. In addition, there are two chairmen; Grant Tucker is the Programs Chair and David Larrea is the Web Chair. The next Student Branch meeting is tentatively scheduled for November 7 and will be a Résumé Night. If anyone is interested, we need professionals to give guidance to the students to ensure they have great résumés. Please contact either Amy Weaver (amy.weaver@harperlimbach.com) or Burns Bradford (burnsbradford@gmail.com) for more information on this opportunity.

UCF ASHRAE Design Competition - Amy Weaver, Student Activities Chair

The ASHRAE 2012 Student Design Competition's project this year is the Mansueto Library located in Chicago, Illinois, where unique engineering and bold design come together at the heart of the University of Chicago campus to foster intellectual discovery. The building is comprised of an 8,000 square-foot Grand Reading Room which provides comfortable seating for 180 faculty, students and visiting scholars under a soaring elliptical glass dome. The library also has a Preservation Department, where the Library's capacity to preserve its rich collections is greatly expanded in the new 6,000-square-foot area which includes a conservation Laboratory containing a special paper washing sink, fume hoods, a suction table and ultrasonic encapsulator and are used alongside traditional bookbinding equipment such as presses and sewing frames to conserve original artifacts, a Digitization Laboratory where digital cameras and scanners are used to create high-resolution digital images of unique book and paper materials. The basement contains an Automated Storage and Retrieval System (ASRS) - The ASRS shelves materials underground by size rather than library classification, in racks extending 50 feet down, with a capacity to hold 3.5 million volume equivalents.

A team of 5 UCF students has chosen to participate in the ASHRAE International Design Competition as their Senior Design Project. The team includes students Isaac Lima, Jerry Patterson, Kyle Inge, Brad Hughes and Charles Heyligen. This team is led by UCF ASHRAE Design Competition Coordinator Nate Boyd, who's team took home the gold in this competition a couple of years ago with their own design of the HVAC and power systems for the Florida Hospital Ginsburg Tower.

The first Mentoring Session for the UCF Team was held by Megan Tosh, who hosted the workshop at Stan Weaver & Company's office, teaching the team of five students about "The Basics: Reading Prints, Using Handbooks & Standards, and Our Industry". The next session was hosted by John Miller and Rich King at Peninsula's office, with the focus being, "How To: Zoning and Load Calculations."

We've had a tremendous amount of involvement in years past with many of our Central Florida Professional Members volunteering to participate in mentor sessions with the students. Over the next several months there will be a half dozen or so 2-hour sessions. I encourage you to donate your time and help out with a mentoring session! The student design team truly appreciates the knowledge that is passed down, having local companies open their doors to host, and the contacts they are making with our Chapter's Professional Members. Please contact me at amy.weaver@harperlimbach.com to help out.

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 | 2009-10 |
| Jason Alphonso, PE | 2010-11 |
| John Miller, PE | 2011- |

Chair:
Tracey Whaley, PE



Government Affairs

ASHRAE Advocacy:

A few weeks ago we all received an e-mail asking ASHRAE members to contact your senators in Washington to advocate for funding of the Commercial Buildings Energy Consumption Survey (CBECS). The last survey was completed in 2003.

If you feel compelled to do so, we encourage you to write our Senators Bill Nelson and Marco Rubio. A model letter and links are provided below.

MODEL LETTER

Dear Senator:

As a constituent and member of the American Society of Heating, Refrigerating and Air-Conditioning Engineers Inc. (ASHRAE), I respectfully encourage you to support the prompt resumption of work on the 2011 edition of the Commercial Buildings Energy Consumption Survey (CBECS).

CBECS is a nationally representative survey of commercial building energy consumption and expenditures, and their energy-related characteristics in the United States. Work on the 2011 CBECS was suspended due to a lack of support for the U.S. Energy Information Administration in fiscal year 2011.

CBECS data have important direct and indirect impacts on the U.S. building industry and economy. Without an updated comprehensive picture of energy consumption in the U.S. it would be harder to identify opportunities to increase efficiency.

Retrofitting buildings to increase efficiency helps drive the manufacturing industry, which supplies more efficient building equipment and technologies. Greater building efficiency also helps reduce waste and conserve natural resources.

A 2009 McKinsey & Company study stated that energy efficiency retrofits could generate between 500,000 and 750,000 direct, indirect, and induced jobs through 2020.

Thank you in advance for supporting efforts to increase building energy efficiency.

Personal regards,

[Your First and Last Name]

To contact your Senators, follow these easy steps...

1) Visit http://www.senate.gov/general/contact_information/senators_cfm.cfm

2) Select your state from the dropdown box

3) Click on the link next to "Web Form." This will take you to a Webpage where you will be able to contact your Senator and will provide you with either an email address or a place where you can cut and paste the letter above and submit your letter to your Senator online

4) Remember to do this twice (for each of your Senators)



Chapter Leadership

| | | | |
|----------------------------|--|---------------------|--|
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| Vice President: | Anik Patel (407) 782-7495 anikppatel@gmail.com | Welcome Committee | Anik Patel (407) 782-7495 anikppatel@gmail.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: | Anik Patel (407) 782-7495 anikppatel@gmail.com | Golf Chair: | Firouz Keikavousi (407) 303-1141 firouzkg@gmail.com |
| Student Activities: | Amy Weaver, PE (407) 321-8100 amy.weaver@harperlimbach.com | Shrimp Boil Chair: | Dan Cross, PE (407) 701-2384 DACross@rimkus.com |
| YEA Activities: | Malia Powers (813) 689-4282 Malia.powers@luvata.com | Government Affairs: | Tracey Whaley, PE (407) 622-2050 twhaley@hanson-inc.com |