October Newsletter 2015

November Chapter Meeting.........................................................November 6-8, 2015
November Chapter Meeting.........................................................November 10, 2015
November Brewery Tour............................................................November 19, 2015

UPCOMING IMPORTANT DATES
President’s Message

October 2015

If you were unable to make it out to our Fall Golf Tournament on October 21st, you missed a great day. We had over 27 teams come out and play on an absolutely beautiful day for golf. The tournament was held again at the City Club of Marietta and the course was in great shape for the event. This was one of our largest fall tournaments in recent history. Thanks to all our sponsors and teams for supporting ASHRAE. Earlier in the month, we also had a wonderful speaker for our first dinner meeting of the year at Maggiano’s.  We had around 50 people come out to hear from Mr. Luke Leung talk about Living Long, Healthy and Low energy. We also recognized our past year’s RP donors and our student members of the chapter.

Even though the calendar year is winding down we still have a lot of events left. In addition to our regular chapter meeting on November 10th, we are also hosting a Sweetwater Brewery Tour on November 19th and our joint Christmas party with AIA and USGBC will be December 3rd.

I hope that events like these make being a member of the Atlanta ASHRAE Chapter a worthwhile and enjoyable experience. Don’t forget we still have chapter sponsorship opportunities available. Go to http://www.ashraeatlanta.org/sponsorships to get more information.

I look forward to seeing you on Tuesday, November 10th at ASHRAE Headquarters for our final lunch session for the calendar year. After the holidays we will get started back with chapter meetings on January 12th. Go to ashraeatlanta.org to register now.

John Pruitt
Atlanta Chapter President 2015-2016
president@ashraeatlanta.org
www.ashraeatlanta.org

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Chapter Calendar

2015

November
Nov 6-8, 2015 - YEA Technical Weekend
Nov 10, 2015 - Chapter Meeting
Nov 19, 2015 – Brewery Tour

December
Dec 3, 2015 - Red & Green Scene Holiday Event

2016

January
Jan 12, 2016 - Chapter Meeting
Jan 23-27, 2016 - Winter Conference, Orlando, FL

February
Feb 9, 2016 – Chapter Meeting

March
Mar 8, 2016 – Chapter Meeting

April
Apr 12, 2016 – Chapter Meeting

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Chapter Meeting Announcement

November Chapter Meeting Notice
Tuesday, November 10, 2015 @ 11:30 AM

Integrating Renewable Energy Systems Into Buildings

November Lunch Meeting

Sheila Hayter is the Strategy and Implementation Group Manager within the Integrated Applications Center (IAC) of the U.S. Department of Energy’s (DOE) National Renewable Energy Laboratory (NREL) in Golden, Colorado. In this capacity, she leads a team of technical and policy experts who support federal, state, and local entities on energy efficiency (EE) and renewable energy (RE) topics with the goal to make significant reductions in non-renewable energy consumption through energy efficiency and increased use of RE technologies.

Sheila served on the ASHRAE Board of Directors as a vice president (2009 – 2011) and also as a Director at Large (2005 – 2008). She chaired the BOD Planning Committee (2012 – 2014) while the new ASHRAE strategic plan was developed. Sheila currently chairs the committee developing a new guideline for energy efficiency retrofits to historic buildings and the presidential ad hoc committees to investigate strategies for improving the ASHRAE volunteer experience. She has chaired and served on many other Society-level committees and technical committees.

Sheila was named an ASHRAE Fellow in 2008 and received the Exceptional Service Award in 2011, the ASHRAE Distinguished Service Award in 2001, and an ASHRAE Technology Award in 1999.
November Lunch Meeting Details
Tuesday November 10, 2015 @ 11:30 AM
(Get there early to avoid the line)

Speakers: Sheila J. Hayter, PE, FASHRAE, LEED AP
National Renewable Energy Laboratory

Location: ASHRAE Headquarters
1791 Tullie Circle NE
Atlanta, GA 30329

Cost: Chapter Member: $10 until November 9th
Society Member: $20
Student: FREE
Late Registration: $20 Day of

RSVP: You MUST RSVP if you plan to attend this meeting. Please email secretary@ashraeatlanta.org. Also, you can prepay and RSVP at http://www.ashraeatlanta.org/Events. This helps the chapter accurately order food.

Presentation Summary:

Integrating Renewable Energy Systems into Buildings

This presentation introduces technical opportunities, means, and methods for incorporating renewable energy (RE) technologies into building designs and operations. Sheila will give an overview of RE resources and available technologies used successfully in the USA to offset building electrical and thermal energy loads. Methods for applying these technologies in buildings and the role of building energy efficiency in successful RE projects will be addressed. Sheila will discuss issues related to connecting RE systems to existing electrical grids and offer tips for implementing successful RE projects. Finally, Sheila will summarize ASHRAE activities related to and/or in support of RE applications in buildings.

Sarah Young
Chapter Technology Transfer Chair, Atlanta Chapter
syoung@dlbassociates.com

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YEA Events

YEA Habitat for Humanity Build

Was Held on October 24, 2015

Location: East Point, GA

We had a total of 8 volunteers to help out a wonderful family of 3 in the East Point area of GA. This was a day 2 build where siding, wind bracing, attic stairs, roof work was just a few items completed this day. It was also an opportunity to meet other people in their organization to help out great cause. There is still work that needs to be done on the following dates: November 7, 14, 22 & December 5th 2015.

SweetWater Brewery Tour

November 19, 2015

5:30 am to 7:30 pm

Build location: 195 Ottley Dr NE Atlanta, GA 30324

Join YEA at SweetWater Brewing Co. for a brewery tour and beer sampling. The cost for admission if you want beer tastings is $5 if you register early through ASHRAE, or $10 at the door. This includes beer “tastings” and a free SweetWater pint glass. If you aren’t looking for any tastings, you can always come and hang out with fellow ASHRAE members and friends at a cool brewery for the always awesome price of $FREE.

Even though this is organized by YEA, all ASHRAE members and friends are invited to attend. Please RSVP on the ASHRAE Atlanta Chapter website so we can get a head count and if you are looking for discounted pricing! We recommend arriving early or carpooling since parking is limited. We hope to see you there!
Technical Weekend

November 6-8, 2015
Atlanta, GA

The YEA Technical Weekend event will be held in Atlanta, GA from November 6-8, 2015. It will go over Basics of High-Performance Building Design/Understanding Standard 189.1-2011 for High Performance Green Buildings and Advanced High-Performance Building Design. Also, there will be a High Performance Building tour at GTech's LEED Platinum “G. Wayne Clough Undergraduate Learning Commons". Earn 6 PDHs over the course of the weekend.

Go to www.ashrae.org/YTW to learn more

LeaDRS Program

January 23-27, 2016
Orlando, FL

LeaDRS Program: LeaDRS is a Regional program to allow the development of future leaders through their shadowing of the current DRC at the Society Meetings. This program will allow the incoming or new regional leader to gain a better understanding of both regional and Society operations. The region will cover the transportation costs, room, meeting registration, Welcome Party, Presidential Luncheon, Member Nights out, and our Regional Dinner while attending the conference. The winter conference will be held in Orlando, FL on January 23-27, 2016. All interested applicants are welcome and must be ASHRAE members. Please email yea@ashraeatlanta.org if interested. All applications are due by Nov. 20th, 2015.

Parker Brunelle
YEA Chair, Atlanta Chapter
pbrunelle@joepowell.com
Who are the 2015–2016 ASHRAE Sponsors?

Diamond Level:

Platinum Level:

Let's thanks these companies for their donations. If you would like to be a sponsor for the 2015-2016 calendar year, please click on the link for more information or contact Brian Justice (below is the email) [http://www.ashraeatlanta.org/event-850135](http://www.ashraeatlanta.org/event-850135).

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**Brian Justice**
Chapter Board of Governors, Atlanta Chapter
justicebrian@charter.net

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Member Promotion (MP)

September 2015

Autumn is here, a bit colder than usual but it would be cool if this weather stays for a while. This is the best time to think about your future and our benefits are ready to get you to the next level. Now, take advantage of benefits such as networking, technical meetings, books, social activities, golf outing, etc...

Here’s a great tool at your hand to make the most out of this chosen field?

- Looking for a job?
  Then go here: [http://www.ashraeatlanta.org/JobOpportunities](http://www.ashraeatlanta.org/JobOpportunities)

- Need technical support from peers?
  Then go here: [https://www.ashraexchange.org/forum.php?s=9d7bd3261c091332a077ea4b186b6852](https://www.ashraexchange.org/forum.php?s=9d7bd3261c091332a077ea4b186b6852)

- Need to know about our government affairs towards the HVAC industry?

Our membership is rock solid and growing. This year we had 5 Associates that already advanced to the Member level and 80+ that were advised as qualified to advance in the process.

I welcome your feedback, so send me an e-mail note about any help that you might need with your membership to keep you on right track.

New Members! Let’s give a warm welcome and say hello to the following members:

- Brenden Thomas Frazier
- Dr Mason Gan
- Zachary R Bradley
- Joshua B Taylor
- Nick Booker
- Sandeep Ahuja
- Robert M Scheffer
- Tim O'Brien
- Traneil Clark
- Amanda Shiver
- Andrew J Bryant

Ok, back to work. See you in November!!

Sincerely,

Pedro Pacheco
MP Chair, Atlanta Chapter
membership@ashraeatlanta.org

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ASHRAE Student UGA Branch  

October 2015  

The UGA ASHRAE group toured the new Science Learning center under construction. Thanks to Whiting Turner and all others who made this happen. Get involved with your ASHRAE Student Branch. Attend their next meeting for more information.

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Powder Springs Elementary School  

October 2015  
Powder Springs, GA  

ASHRAE’s Student Activities Chair, Irvin Sierra, spoke to 3rd grade students at Powder Springs Elementary School in the month of October. The school recently went through a HVAC renovation over the summer of 2015. Students were able to see the drawings generated to make this happen. They were extremely engaged with the steps taken & asked very interesting questions. Special thanks to Ms. Long, Mrs. Nunley and their 3rd grade class for this wonderful opportunity. If the students continue to be on their best behavior, another visit will take place next month. Who knows, we may have a future engineer in the making!

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Irvin Sierra  
Student Activities Chair, Atlanta Chapter  
Irvin.sierra@lennoxind.com

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Red & Green Scene Holiday Party
December 3, 2015

Date: Thursday, December 3, 2015
Location: 200 Peachtree
Address: 200 Peachtree Street NW
Atlanta, GA 30303

Diamond Level Sponsor

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ASHRAE Scholarship Program

Scholarships Available – Apply Today!

Through its scholarships, ASHRAE seeks to motivate students and prospective students worldwide to pursue an engineering or technology career in the HVAC&R field. The Society’s Scholarship Program also serves the public interest by aiding in the education of men and women to become qualified to practice as engineers in HVAC&R. ASHRAE has 28 scholarships available for the 2015-16 school year, for high school seniors entering college through senior undergraduate engineering students and engineering technology students. ASHRAE is seeking your assistance in making student members aware of this financial assistance.

* 8 regional/chapter and university-specific scholarships — $3,000 to $5,000 each. Now accepting applications!
* 12 undergraduate engineering scholarships — $3,000 to $10,000 each. Now accepting applications!
* 4 high school senior scholarships — $3,000 each
* 4 engineering technology scholarships — $5,000 each

Qualified students are encouraged to apply online:
www.ashrae.org/scholarships

Annual Application Deadlines:

December 1st for Undergraduate Engineering, Regional and University-specific Scholarships
May 1st for Engineering Technology and High School Senior Scholarships

Scholarships are awarded for the academic year following the application deadline beginning with the fall semester. For a list of available scholarships, complete eligibility requirements, and an application, visit www.ashrae.org/scholarships
Are you missing out?

Don't miss out on the latest ASHRAE publications! For more information, visit the Resources and Publications page: www.ashrae.org/resources-publications

ASHRAE JOURNAL

Most college science buildings consume a lot of energy. But, the Davis Building at the University of Findlay has a site EU of only 64 kBTU/ft², which is significantly lower than most similar buildings that include labs with many fume hoods. This issue also features articles about when adding more fan power can be a good thing, the future of residential construction and a side-by-side comparison of VAV vs. radiant.

Learn More >

HPB MAGAZINE

Learn how the Federal Center South Building 1202 fosters a culture of collaboration, while the Haywood Community College Creative Arts Building welcomes artists with open, daylit spaces that maximize passive strategies to reduce energy use. The SIERR Building at McKinstry Station demonstrates that even a nearly condemned building can be transformed into a high performing, energy-efficient office.

Learn More >

PUBLICATIONS CATALOG

Interactive Catalog

Downloadable Catalog (PDF)

ASHRAE TERMINOLOGY

Explore this new free resource, a comprehensive online glossary of more than 3700 terms related to the built environment, with a focus on HVAC&R terms. Learn more at www.ashrae.org/ASHRAETerms

!
How to Join ASHRAE

How Do I Join ASHRAE?

1. Visit http://www.ashraeatlanta.org/ to start the process
2. Click “Membership” on the horizontal menu bar
3. On the pull down menu, click “Join”
4. Enter your email address in the box “Verify your E-mail status”
5. A prospective member will then be directed to enter his or her email information. As a new member, your address will not be recognized, and you will be invited to “Register Now”.
6. After you complete registration, you will be directed to the Individual Information page where you can finally select “Join ASHRAE”!
Convenient and Useful ASHRAE Links

Again this year, our use of the Internet to further embrace our goal of Modeling a Sustainable World will be continued. Please use the websites listed below:

1. RSVP and prepay for each event through the Atlanta ASHRAE [http://www.ashraeatlanta.org/](http://www.ashraeatlanta.org/). For events where meals are served, you must at least RSVP to ensure that there will be a meal for you. We encourage you to prepay, as this will speed your way through the check-in process.

2. Pay your Chapter dues of $40 per year directly to the chapter: [http://www.ashraeatlanta.org/Membership](http://www.ashraeatlanta.org/Membership). These dues are in addition to your Society dues and help fund the Chapter’s programs and outreach.

3. Donate to ASHRAE Research Promotion. We have a fundraising goal of $44,000 this year, so please do what you can to help fund ASHRAE research. Donate here: [http://www.ashraeatlanta.org/Default.aspx?pageId=748082](http://www.ashraeatlanta.org/Default.aspx?pageId=748082)

4. Join the “ASHRAE Atlanta Chapter” group on LinkedIn at [http://www.linkedin.com/](http://www.linkedin.com/)

5. Access the Product Directory online at the Atlanta ASHRAE website. Please note that this feature is in the process of being updated.
2015–2016 Chapter Officers

Nick Kassanis – Treasurer
treasurer@ashraeatlanta.org

Nick is currently a Commissioning Authority and Energy Modeling Consultant at Sustainable Investment Group (SIG). He is the project manager for Commissioning, Retro-Commissioning and ASHRAE Level I&II Energy Audit projects all over the country in addition to heading up the Energy Modeling department. Nick is a graduate of Georgia Institute of Technology with a Bachelor of Science in Mechanical Engineering. He has been volunteering with ASHRAE since graduation, making his way through the Student Activities and Research Promotion chair positions.

Megan Tosh – Secretary
secretary@ashraeatlanta.org

Bio to follow
Industry Opportunities

Browse Job Postings on Our Site

Did you know employers can post job opportunities on the Atlanta Chapter website for **FREE**?

As the professional society that serves as the major connection through all parts of the HVAC industry, it is important to the Atlanta ASHRAE Chapter to keep all members employed. Likewise, we are happy to assist employers in posting their job

Go to the following page on our site to browse the posted employment opportunities: [http://ashraeatlanta.org/JobOpportunities](http://ashraeatlanta.org/JobOpportunities)

A few of the most recent job postings:

- Product Manager, Commercial Products @ Mitsubishi Cooling & Heating
- Energy Modeler
- Project Specialist — Commercial
- UGA — FMD is Hiring Engineers
Irvin Sierra, our Communications Chair invites you to connect with the ASHRAE Atlanta Chapter on networking social media

(Let’s Connect)

Linkedin

www.linkedin.com/groups/ASHRAE-Atlanta-Chapter-2186496

Facebook

www.facebook.com/ASHRAEAtlanta