President’s Message

November 2019

Happy Thanksgiving to all of our members and their families! It has been a great start to the ASHRAE year and on behalf of the entire ASHRAE Atlanta Chapter leadership team, we are thankful for all of our members and the support you continue to give the Chapter.

This past month we had a great turnout at our first dinner meeting of the year. Dr. Thomas Lawrence from the University of Georgia Engineering School gave a great presentation on the future of High Performance Building design. Dr. Lawrence has been a long time ASHRAE designated lecturer, and we are honored to have him in our own back yard teaching a lot of our future engineers and coworkers. I want to acknowledge that, because of his great contributions over the years, our Chapter is nominating Dr. Lawrence for the EK Campbell award, which is the annual award given to the top ASHRAE member for their services and contributions at an accredited institution. We thank Dr. Lawrence for helping drive the success and interest in our industry with the future generations!

In addition to Dr. Lawrence, Dr. Sheldon Jeter from Georgia Tech has been a long time sponsor and contributor to our chapter, and was in attendance this past meeting. Both Dr. Lawrence and Dr. Jeter had some of their current students in attendance. One of the points of focus for our Chapter this year is expansion and growth with new employees and students to make sure the HVACR industry continues to grow into the future. We hope everyone had a chance to say hello to a young face in the crowd and welcome them. Thank you to Dr. Jeter and Dr. Lawrence for their continued passion for ASHRAE and teaching our future employees.

On a similar note, I had the privilege of having a conversation with a current young professional who was a student at our dinner meeting a year ago. They attributed the ASHRAE dinner event to meeting their current employer. This is the major reason we are focusing on students, since the ASHRAE Atlanta Chapter wants to help place these students with potential employers. It is always great to see the local Chapter help grow its own membership.

Thanks again for a great kick off to this year. The November meeting was our last meeting for 2019, and we will come back together early January 2020 to kick off the new year! We hope everyone has a fun and safe holiday season and we will see everyone in January!

Parker Brunelle
Atlanta Chapter President 2019-2020
president@ashraeatlanta.org
www.ashraeatlanta.org

This Atlanta Chapter Newsletter goes by email only to all Atlanta Chapter ASHRAE members along with all other ASHRAE members in our area and anyone else who asks. If you need a change in our email list, please notify our Chapter Secretary at secretary@ashraeatlanta.org
Chapter Events Calendar

2020

January
Jan 14 Chapter Lunch Meeting: Building Design Management, Michael LeFevre

February
Feb 1-5 2020 ASHRAE Winter Conference in Orlando, FL (More info)
Feb 11 Chapter Lunch Meeting: Presentation from Darryl Boyce, ASHRAE Society President
Feb 11 Government Outreach Day at Georgia State Capitol
Feb 29 Atlanta Gladiator Hockey and Arena Refrigeration Tour

March
Mar 10 Chapter Lunch Meeting: New ASHRAE HQ Presentation and Tour
Mar 26 ASHRAE Atlanta Trade Show

April
Apr 7 Women in STEM Lunch
Apr 7 Chapter Dinner Meeting: Targeting Success - Diversity in Hiring, Dr Julia Keen

Stay up-to-date with all of our upcoming events by visiting the Chapter Events Calendar on our website!
Chapter Meetings

We will take a short hiatus from Chapter Meetings in December and will pick back up in the New Year. Information on the next scheduled meeting below:

Date: Tuesday, January 14th, 2020
Topic: Building Design Management
Presenter: Michael LeFevre
Location: ASHRAE HQ

Government Affairs Committee

The Government Affairs Committee organizes ASHRAE members to educate local, state, and national government bodies and officials in areas of interest to ASHRAE members and promotes effective cooperation between ASHRAE members and government. Learn more about advocacy resources: https://www.ashrae.org/about/government-affairs/public-policy-resources

Grid-Interactive Buildings Liaison Needed

The Atlanta GAC is looking for a volunteer with experience or interest in grid-interactive buildings to be a liaison between ASHRAE and local projects. This initiative connects to Past President Shelia Hayter’s theme and last spring’s publication, Building Our New Energy Future. Contact GAC Chair Meghan McNulty if you would like to volunteer.

Opportunities to learn more about building-grid interaction:

**Grid-Interactive Buildings Report Released by NASEO**
A new report that describes how grid-interactive efficient buildings can benefit the grid and building owners and occupants was released on October 28. The report, Grid-interactive Efficient Buildings: State Briefing Paper, discusses how new technologies can help manage and balance energy loads, which can lower electric grid costs, reduce emissions, and improve energy resilience. More information about this report can be found here.

**DOE Webinar on Zero Energy Buildings**
On December 3, the Better Buildings program at the Department of Energy (DOE) is hosting a webinar on "How Buildings of All Shapes and Sizes are Becoming Zero Energy Users." During the webinar, you will learn about the financial, technological, and design process innovations that make these projects a reality today.

Save the Date: Government Outreach Day at the Georgia State Capitol 2/11/20

On Tuesday, February 11, 2020, the Atlanta Chapter will hold its fourth annual Government Outreach Day at the Georgia State Capitol. This year, we plan to schedule early meetings with government officials to better accommodate everyone’s work schedule. The February chapter meeting featuring ASHRAE President Darryl Boyce will be held later that day.
Washington Internship for Students of Engineering (WISE) Deadline: February 1, 2020

Do you know a college engineering student interested in public policy? For three decades, ASHRAE has been a sponsor of the WISE (Washington Internship for Students of Engineering) program, which enables future engineers to see firsthand the importance of engaged engineers and scientists in the legislative process. The ASHRAE Washington Office will host one engineering student for 8 weeks this summer, and applications are due February 1.
Montréal Protocol

Montreal Protocol on Substances That Deplete the Ozone Layer Enters into Force

The Montreal Protocol on Substances That Deplete the Ozone Layer (a protocol to the Vienna Convention for the Protection of the Ozone Layer) is an international treaty designed to protect the ozone layer by phasing out the production of a number of substances believed to be responsible for ozone depletion. The treaty was opened for signature on September 16, 1987, and entered into force on January 1, 1989, followed by a first meeting in Helsinki, May 1989. Since then, it has undergone seven revisions, in 1990 (London), 1991 (Nairobi), 1992 (Copenhagen), 1993 (Bangkok), 1995 (Vienna), 1997 (Montreal), and 1999 (Beijing). It is believed that if the international agreement is adhered to, the ozone layer is expected to recover by 2050. Due to its widespread adoption and implementation it has been hailed as an example of exceptional international co-operation with Kofi Annan quoted as saying that "perhaps the single most successful international agreement to date has been the Montreal Protocol". It has been ratified by 196 states.

The Montreal Protocol on Substances That Deplete the Ozone Layer is a landmark international agreement designed to protect the stratospheric ozone layer. The treaty was originally signed in 1987 and substantially amended in 1990 and 1992. The Montreal Protocol stipulates that the production and consumption of compounds that deplete ozone in the stratosphere--chlorofluorocarbons (CFCs), halons, carbon tetrachloride, and methyl chloroform--are to be phased out by 2000 (2005 for methyl chloroform). Scientific theory and evidence suggest that, once emitted to the atmosphere, these compounds could significantly deplete the stratospheric ozone layer that shields the planet from damaging UV-B radiation. The United Nations Environment Programme (UNEP) has prepared a Montreal Protocol Handbook that provides additional detail and explanation of the provisions. (CIESIN’s Thematic Guide on Ozone Depletion and Global Environmental Change presents an-in-depth look at causes, human and environmental effects, and policy responses to stratospheric ozone depletion.)

Source: CIESIN Added by: Rob Brent
More information
• Environmental Milestones

www.worldwatch.org
Research Promotion

Fall Golf Tournament

The Fall Golf Tournament that occurred on October 23rd was a huge success! The weather was great and it was a fantastic day.

The winners were:

1st Place
Rob Kaercher
Chad Swanson
Nick Price
Joey Frazier

2nd Place
Greg Martin
Brian Lassiter
Ben Spers
Durant Brooks

3rd Place
Stefan Rizzo
Joel Vigneaux
Tony D’Alessandro
Chris Clayton

Longest Drive: Justin White
Closest to the Pin: Darrell Shields

We would like to thank our tournament sponsors:
Chapter Officers

Meet your 2019 – 2020 Chapter Officers!

Parker Brunelle – President
president@ashraeatlanta.org

Pedro Pacheco – Vice President
vicepresident@ashraeatlanta.org

Matthew Mumpower – Treasurer
treasurer@ashraeatlanta.org

Reed Coggins – Secretary
secretary@ashraeatlanta.org

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Committee Chairs

Welcome your 2019 – 2020 Committee Chairs and Co-Chairs!

Chapter Technology Transfer / Programs
Chair: Jamie Kono
Co-Chairs: Kristie Teoh & Robert Lontoc

Research Promotion
Chair: Keven McCook
Co-Chair: Henry Peterson

Membership
Chair: Darrell Sandlin
Co-Chair: Patrick O’Connor

Historian
Chair: Samir Sheth

Grassroots and Government Advocacy
Chair: Meghan McNulty

Young Engineers in ASHRAE
Chair: Felipe Alvarez

Refrigeration
Chair: Mark Dahir

Student Activities
Chair: Gabe Park

Sustainability
Chair: Brendan Gardes

Electronics Communications
Chair: Pamela Moua

Macon Section
Chair: Caroline Callaway

Ways and Means
Chair: Glenn Northrup

Committee Volunteer

Are you interested in joining one of our committees listed above? Contact any Officer or Chair for further information.
ASHRAE HVAC Design Training

HVAC Design Training is comprised of a series of four different training sessions: Level I, Level II, Consulting Engineering Essentials, and Improving Existing Building Operation.

Register early and Save! Click [here](#) for more information.

World-wide HVAC training available, see training schedule below:

<table>
<thead>
<tr>
<th>City</th>
<th>Level I</th>
<th>Level II</th>
<th>Registration</th>
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<tbody>
<tr>
<td>Las Vegas, NV</td>
<td>February 10–12, 2020</td>
<td>February 13–14, 2020</td>
<td>LEARN MORE</td>
</tr>
<tr>
<td>Miami, FL</td>
<td>March 9–11, 2020</td>
<td>March 12–13, 2020</td>
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<tr>
<td>Austin, TX</td>
<td>March 23–25, 2020</td>
<td>March 26–27, 2020</td>
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<tr>
<td>Atlanta, GA</td>
<td>April 13–15, 2020</td>
<td>April 16–17, 2020</td>
<td>LEARN MORE</td>
</tr>
<tr>
<td>Hartford, CT</td>
<td>April 27–29, 2020</td>
<td>April 30–May 1, 2020</td>
<td>LEARN MORE</td>
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ASHRAE Technology Award

Have an outstanding or innovative project? Submit it for an ASHRAE Technology award! The flyer on the next page gives a quick pitch for Tech awards. Learn more here or contact Jamie Kono at Jamie.kono@servidyne.com if you’d like to submit an application.
ASHRAE Resources and Publications

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 EUI 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

Visit http://www.ashraeatlanta.org/ to start the process

Click “Membership” on the horizontal menu bar

On the pull down menu, click “Join”

Enter your email address in the box “Verify your E-mail status”

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”.

After you complete registration, you will be directed to the Individual Information page where you can finally select “Join ASHRAE”!

Websites Reference List

Convenient and Useful ASHRAE Links

1. RSVP and prepay for each event through the Atlanta ASHRAE 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. 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 $48,000 this year, so please do what you can to help fund ASHRAE research. Donate here: https://xp20.ashrae.org/secure/researchpromotion/rp.html

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

5. Like the “ASHRAE Atlanta Chapter” page on FaceBook at: https://www.facebook.com/ASHRAEAtlanta/

6. Access the Product Directory online at the Atlanta ASHRAE website. Please note that this feature is in the process of being updated.
Job 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

Social Networking

Keep Up-to-date With What’s Going On

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

Instagram
@ashraeatlanta

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