President's Message

Welcome back for the holiday season! I hope everyone had safe travels and a Happy New Year. Now it’s time to get everything started back up for 2020 and hit the ground running.

Speaking of hitting the ground running. I’m going to take my President’s message this month to point at all of the upcoming events. The Atlanta Chapter Board has been hard at work planning out our Spring. Along with our usual Spring activities, we’ve added some new ones, and brought back some old ones. Make sure you take a look at the website and calendar below to see all of them, but I do want to highlight a few:

- **Agatha's: A Taste of Mystery** – We were unable to do a holiday party, so we have planned a New Year’s party for everyone. This is just a fun night to hang out with fellow ASHRAE members and their families. Registration closes February 4th!
- **February Chapter Meeting** – I usually wouldn’t highlight a monthly meeting, but we have the ASHRAE Society President, Darryl Boyce, coming to talk to us. Just to put into perspective, the last time the Society President came to talk to the Atlanta Chapter was over 10 years ago. Darryl is a great presenter, and will love to meet our Chapter.
- **ASHRAE Atlanta Chapter Trade Show** – As many of you know, our local Chapter puts on a trade show just for the Atlanta people every other year. This is the year! This March, come out a see and support all of your LOCAL vendors and product manufacturers
There’s also the large AHRI/ASHRAE show coming up in Orlando. If anyone is down there and wants to touch base with any local ASHRAE members, a few of us will be down there and can hang out. There are plenty of other events between now and March, so please take a look at the website and see below. There’s

Lastly, the month of February also brings us National Engineer’s Week (2/16 – 2/20). If you or your firm have any interest in getting involved around the community, we have a ton of events that week to promote our wonderful field of STEM.

Again, welcome back and I hope everyone has a great 2020, we will see you at our upcoming events!

- Parker Brunelle, Atlanta Chapter President 2019-2020

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**CHAPTER MEETINGS**

**Atlanta Chapter Meeting Notice**


**When:** Tuesday, February 11th, 11:30 AM – 1:00 PM

**Where:** ASHRAE HQ (1791 Tullie Cir NE, Atlanta, GA 30329)

**Technical Description**

Operational performance is an important process in the management of a building. Buildings often fall short on operating to the expectations of the building designers and operators. This is because designers are not always focused on operability during the design process and operators frequently do not possess the proper skills to adequately operate the technology incorporated into today’s buildings. ASHRAE and its members must take an active role in the ongoing training, engagement and action toward reducing the gap between design, construction and operations. This presentation will explore what ASHRAE is doing to achieve effective operational performance and operator experience, that is good for buildings, good for those who live and work within those building and good for the planet.

**Speaker: Darryl K. Boyce, ASHRAE Society President**

Darryl is the 2019-20 ASHRAE Society President. Boyce is special advisor to the Vice President of Finance and Administration at Carleton University in Ottawa, Ontario. Throughout his time spent with ASHRAE and in the HVAC industry, Boyce has worked on various projects to increase energy efficiency. His most recent projects include the SNOLAB project in Sudbury, Ontario, where he is responsible for the design and construction of a world class research facility for underground science. Boyce has also
worked on the management of facility expansion projects for various universities.

Online Registration:

- [https://ashraeatlanta.wildapricot.org/event-3718948](https://ashraeatlanta.wildapricot.org/event-3718948)
- ASHRAE Atlanta Chapter Member: $10
- ASHRAE Society Member: $20
- Non-Members and Guests: $20
- Students: FREE
- Note: Online registration closes 24 hours before the meeting.

Late/Walk-Up Registration: $20 regardless of membership status

Register Now

Atlanta Chapter Meeting Notice

**When:** Tuesday, February 11th, 11:30 AM – 1:00 PM

**Registration:** RSVP by 2/10 to ccallow@insightusa.com

**Topic:** Presidential Address

**Speaker:** Darryl K. Boyce (VC with Atlanta Chapter, details above)

GOVERNMENT AFFAIRS COMMITTEE

The Government Affairs Committee (GAC) organizes ASHRAE members to educate local, state, and national government bodies and officials about issues relating to the HVAC&R industry and promotes effective cooperation between ASHRAE members and government. Check out ASHRAE’s advocacy resources: [https://www.ashrae.org/about/government-affairs/public-policy-resources](https://www.ashrae.org/about/government-affairs/public-policy-resources)

New Building Codes in Effect in Georgia as of 1/1/2020

The following eight State Mandatory Minimum Standard Codes with new Georgia State Amendments are now in effect:

- 2018 International Building Code with Georgia Amendments
- 2018 International Residential Code with Georgia Amendments
- 2015 International Energy Conservation Code with Georgia Amendments
- 2018 International Mechanical Code with Georgia Amendments
- 2018 International Plumbing Code with Georgia Amendments
- 2018 International Fuel Gas Code with Georgia Amendments
- 2018 International Fire Code with no Amendments
- 2018 International Swimming Pool and Spa Code with Georgia Amendments
Copies of 2020 Georgia State Amendments: https://www.dca.ga.gov/node/5689

Read-only access to I-Codes: https://codes.iccsafe.org/category/I-Codes

If you need further assistance regarding these changes, please contact the Department of Community Affairs, Office of Construction Codes and Industrialized Buildings, at 404-679-3118 or by email at codes@dca.ga.gov.

State Codes Advisory Committee (SCAC) Meeting – January 30, 2020

The next meeting of the State Codes Advisory Committee is Thursday, January 30, 2020 at 10:00 A.M. The meeting will be held in Board Room 302, on the third floor of the Georgia Department of Community Affairs, 60 Executive Park South, NE, Atlanta, Georgia 30329. For copies of the Agenda and the 2021 Proposed Georgia Amendments: https://www.dca.ga.gov/node/6148

Government Outreach Day at the Georgia State Capitol: Tuesday, February 11, 2020

On Tuesday, February 11, 2020, the Atlanta Chapter will hold its fourth annual Government Outreach Day at the Georgia State Capitol. Register on our event page to receive email templates for scheduling meetings with your state legislators between 8 and 9 am. We will start the morning with a group photo and receive our copy of the Proclamation of National Engineering Week from the Governor’s office (see below). Please join us!

National Engineers Week: February 16-22, 2020

Since 1951, National Engineers Week (EWeek) has been set aside to recognize the remarkable people of this profession. EWeek—the only event of its kind—is a time to:

- Celebrate how engineers make a difference in our world
- Increase public dialogue about the need for engineers
- Bring engineering to life for kids, educators, and parents

Learn more about EWeek at https://www.discovere.org/our-programs/engineers-week

Celebrate EWeek by taking part in one (or more) of the following chapter events:

- Socialize with fellow ASHRAE Atlanta members at Mystery Dinner Night
- Represent ASHRAE Atlanta by accepting Proclamations of National Engineers Week from the following government officials. Specific times and dates will be announced closer to EWeek.
  - Atlanta City Council Member Amir Farokhi
  - Georgia Governor Brian Kemp
- Volunteer as a judge for the Gwinnett Science, Engineering, and Innovation Fair on Friday, February 21 from 8 am to 12 noon (middle school) or 11 am to 3:30 pm (high school). Register: https://www.gwinnettsceiencefair.com/judging/

Do you have other ideas for celebrating?

- Visit a classroom to promote engineering: http://www.discovere.org/our-programs/engineers-week/idea-starters
- Ask your city or county to issue a Proclamation of National Engineers Week? Draft cover letters and proclamations are available on our Chapter Website: https://ashraeatlanta.wildapricot.org/page-1694398
**HISTORIAN**

**Kyoto Protocol**

The Kyoto Protocol is a protocol to the United Nations Framework Convention on Climate Change (UNFCCC or FCCC), aimed at combating global warming.

The UNFCCC is an international environmental treaty with the goal of achieving "stabilization of greenhouse gas concentrations in the atmosphere at a level that would prevent dangerous anthropogenic interference with the climate system."

The Protocol was initially adopted on 11 December 1997 in Kyoto, Japan and entered into force on 16 February 2005. As of November 2009, 187 states have signed and ratified the protocol. The most notable non-member of the Protocol is the United States, which is a signatory of UNFCCC and was responsible for 36.1% of the 1990 emission levels.

Under the Protocol, 37 industrialized countries (called "Annex I countries") commit themselves to a reduction of four greenhouse gases (GHG) (carbon dioxide, methane, nitrous oxide, sulphur hexafluoride) and two groups of gases (hydrofluorocarbons and perfluorocarbons) produced by them, and all member countries give general commitments. Annex I countries agreed to reduce their collective greenhouse gas emissions by 5.2% from the 1990 level. Emission limits do not include emissions by international aviation and shipping, but are in addition to the industrial gases, chlorofluorocarbons, or CFCs, which are dealt with under the 1987 Montreal Protocol on Substances that Deplete the Ozone Layer.

Love history? Check out our [History Corner](#)

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**YOUNG ENGINEERS IN ASHRAE**

Are you under 35? Welcome to Young Engineers of ASHRAE (YEA)! We have multiple activities throughout the year, plus access to training and leadership programs!

**Happy Hour at Terrapin Brewing in The Battery**

Join YEA at The Battery on **Thursday, January 30th from 5:00 PM - 8:30 PM** for a happy hour and beer sampling. Membership Promotion will be giving away ASHRAE “Swag” to YEA members who bring a Non-ASHRAE engineering friend or colleague to this event.

We will be raffling off brewery swag as well. Raffle tickets are $2 each or 3 tickets for $5 so bring some cash with you and join in the fun!
The cost for admission if you want beer tastings is $5 if you register early through ASHRAE, or pay for the amount you want at the door. 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.

**REGISTER for HAPPY HOUR**

**GT-UGA Spring Classic Baseball Game at Coolray Field**

Welcome all ASHRAE and USGBC Young Professional Groups! We’ll be gathering for the Spring Classic baseball game to benefit Children’s Healthcare of Atlanta. This year’s event will occur on **Sunday, March 1st at Coolray Field in Lawrenceville**. First Pitch is at 2PM but tailgating starts at 12PM! Come see a great college baseball rivalry between two traditional national baseball powers, the Georgia Tech Yellow Jackets and Georgia Bulldogs.

Ticket Cost: $10 if purchased through our registration; Includes: Food and Drinks at the tailgate AND general admission into the baseball game

Parking: $5 (cash only; separate from Ticket Cost)

**REGISTER for SPRING CLASSIC**

We will also have plenty of games at the tailgate. You won't want to miss this great event!

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**REFRIGERATION**

**Atlanta Gladiator Hockey and Arena Refrigeration Tour**

Come enjoy a night out with ASHRAE at the Atlanta Gladiators game on Hockey Fights Cancer night **Saturday, February 29th**! Friends, Family, Co-Workers, neighbors, strangers alike are all welcome to the event!
This event includes a tour of the facility’s refrigeration system, food and drinks at the Party Terrace prior to game time, and a ticket to the game itself to see the Gladiators take down the Norfolk Admirals!

In addition to the awesome lineup below, we are offering a full refund to all new ASHRAE members who sign up. We will have information at the game for anyone interested. So come enjoy a game and get your meal and ticket refunded for new ASHRAE members!

Game Night Schedule:

- 4:05 - Refrigeration Tour at the Stadium
- 5:05 - Access to the Party Terrace for all you can eat and drink!
- 7:05 - Game Time!!

Adult Ticket = $55 / Child Ticket = $35

Ticket includes:

- Premium seat for the game
- *All you can eat* pizza in a private party terrace in the arena
- *All you can drink* iced tea & lemonade
- Two drink tickets for beer and wine
- Official Gladiator game night publication
- Private tour of the arena’s refrigeration facility (starts at 4:05 pm)
- Private entrance into arena
- Free parking
- Networking!

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**RESEARCH PROMOTION**

**Sporting Clays Tournament**

PULL! Join us on **Friday, March 13th**, for ASHRAE Atlanta's 3rd annual **Sporting Clays Shooting Tournament**. The event will be held at Garland Mountain Sporting Clays in
Waleksa, GA. Gather your team of 4 and test your marksmanship against your fellow ASHRAE members!

Team registration includes sporting clay targets, ammunition (12- or 20-gauge), and a golf cart for the foursome. Participants are encouraged to bring their own shotgun, but several rentals are available. Prizes will be awarded for the warm-up "Wild Bird" competition, the 1st Overall and Runner-up Individual Shooters (men's & women's prizes), and the 1st Place Team.

REGISTER for TOURNAMENT

Registration and check-in opens at 8:00 am. All tournament participants are invited to compete in the "Wild Bird" warm-up competition prior to the main event.

Sponsorship opportunities are available!

ASHRAE ATLANTA TRADE SHOW

2020 ASHRAE Trade Show
Thursday, March 26, 2020 | 10am—3pm
Cobb Galleria Centre

Mark you calendars because ASHRAE Atlanta’s Trade Show is returning! The Trade Show will be at the Cobb Galleria on March 26th. Attendee registration is FREE and will include three technical sessions plus free lunch.

When: Thursday, March 26th from 10AM - 3PM
Where: Cobb Galleria, Exhibit Hall D

Free Technical Sessions with PDHs:

- 10:30 AM - High-Performance Sequences of Operation for HVAC Systems
- 11:45 AM - Understanding HVAC & Plant Dynamics in Grow Rooms
- 1:00 PM - Optimizing Critical Environment HVAC Control – Which Valve Type is Best?

FREE Attendee Registration
Exhibitor registration closes February 28th. Technical sessions are on a first come, first served basis.

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**HVAC DESIGN TRAINING**


For more information, check their [website](#).

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**JOB POSTINGS**

HVAC System Controls Operator, Emory University

- [https://staff-emory.icims.com/jobs/45011/job](https://staff-emory.icims.com/jobs/45011/job)

Senior Chiller Mechanic, Emory University

- [https://staff-emory.icims.com/jobs/44845/job](https://staff-emory.icims.com/jobs/44845/job)

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