From: Atlanta Chapter of ASHRAE
To:
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APRIL 2021 NEWSLETTER

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PRESIDENT'S MESSAGE

Dear Member,

Finally, we are into spring although some days are either way cool or summer-like. With that in mind I am happy to report that we are planning another golf event for the end of May for those looking for an outdoor experience after an extended time being indoors.

This month event is still in the works and details about will be shared over email once confirmed so you can sign up to learn good stuff while keeping PDH requirements updated.

The upcoming Chapter Regional Conference or CRC efforts will start online with the main event held on downtown Greenville from August 12th to the 14th, stay tuned for details.

Recurring Past Presidents Dinner got cancelled last year due to safety concerns. This year although safe to do so we decided to skip this event to May 2022 with the expectation that in-person meetings of large groups within indoor environments are resumed as the norm. In the meantime we plan to send a gift of appreciation for your past efforts.

Attention students, associates, members, fellow members, and life members our new 2021 – 2022 Chapter year will begin this July, so we are looking for those ready to expand their leadership skills that can open the door to land a managing position or simply to just to help and socialize. A good way to develop leadership and management skills includes participating as Chapter Chairs, Co-chairs, or simply volunteering or getting involved at local events.

Chapter-wise, we will continue to have virtual meetings and hope to transition to in-person once safe to do so in the fall. In the meantime, our virtual event topics will continue to be relevant to emerging trends or technical refreshers. As always, our aim is to help you expand your knowledge and skills in this great industry.

In the meantime be sure to use the Free Resources web page to get apps, software, standard-related publications, code-related publications, research tools, catalogs, and guides.

Also don't forget to check the Tech Hour videos available on demand to complete your PDH needs.

check our Job Board for awareness of current market trends no matter where you are on the career ladder.

I'll let the team share more of our good news in the articles included below. Please continue being safe in your work and travels.

Thanks!

Pedro Pacheco,

Atlanta Chapter President 2020 - 2021

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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

ASHRAE Epidemic Task Force Releases Updated Airborne Transmission Guidance

April 5, 2021: The ASHRAE Epidemic Task Force released an updated, unequivocal statement on the airborne transmission of SARS-CoV-2 in buildings. ASHRAE has released the following statement:

"Airborne transmission of SARS-CoV-2 is significant and should be controlled. Changes to

building operations, including the operation of heating, ventilating, and air-conditioning systems, can reduce airborne exposures."

"This may seem like a small step, but we feel it is important to leave no doubt about our position, given the muted support for ventilation and filtration as important tools in the effort to stop the pandemic, from some organizations that should be leading more strongly," said William P. Bahnfleth, Ph.D., P.E., ASHRAE Epidemic Task Force chair.

To view the complete airborne transmission statement and other COVID-19 resources, visit ashrae.org/COVID19.

Join the ASHRAE Atlanta GAC Task Force

Our chapter's GAC Task Force has two more meetings this Society year: Monday May 10th and June 14th from 1:30 to 2 pm. No previous advocacy experience required.

Sharing Epidemic Task Force Guidance with Local Schools

Our GAC Task Force has started to reach out to superintendents and school boards with ASHRAE's Epidemic Task Force resources. Here's what we're providing:

- A letter from ASHRAE Society President Charles Gulledge, outlining ASHRAE's resources for schools; a similar letter was also sent to the US Department of Education Secretary.
- ASHRAE Epidemic Task Force's *Core Recommendations*, which explains the general approach for reducing indoor exposure to airborne infectious aerosols.
- *Guidance for the Reopening of Schools*, a 1-page summary of ASHRAE's technical guidance for school HVAC systems, with links to detailed guidance for ventilation and filtration.
- *In-Room Air Cleaner Guidance*, a 2-page guide for selecting and sizing in-room air cleaners to supplement central HVAC equipment, with a classroom example.

Would like to help us contact or follow up with a specific school district? Email GAC Chair Meghan McNulty for email templates and volunteer opportunities.

ASHRAE Standard on Zero Net Energy and Carbon Building Performance Out for Public Review

BSR/ASHRAE Standard 228P, Standard Method for Evaluating Zero Net Energy and Zero Net Carbon Building Performance, has been released for public review. The standard sets requirements for evaluating whether a building or group of buildings meets a definition of "zero net energy" or whether those buildings meet a definition of "zero net carbon." It provides a consistent method of expressing qualifications for zero net energy and zero net carbon buildings associated with the design of new buildings and the operation of existing buildings. The draft can be found here and comments are due May 17.

Dept of Energy Issues Preliminary Determination of ASHRAE Standard 90.1-2019

On April 21, 2021, DOE issued a *preliminary* determination that Standard 90.1-2019 will achieve greater energy efficiency in buildings subject to the code, compared to 90.1-2016. DOE estimates national savings in commercial buildings of approximately:

- 4.7 percent site energy savings
- 4.3 percent source energy savings
- 4.3 percent energy cost savings
- 4.2 percent carbon emissions

Georgia Building Codes – Amendment Subcommittee Meetings

Georgia is not considering any major code version updates in 2021, but amendments to existing building codes can be proposed and reviewed every year. Two subcommittees of the State Codes Advisory Committee reviewing proposed amendments during public meetings, now virtual. Meetings start at 10 am. Email Jim Reynolds Jim.Reynolds@dca.ga.gov for the meeting link.

- Residential, Building, and Energy Codes Subcommittee: May 4th, May 25th, June 3rd (if needed)
- Plumbing, Mechanical, and Fuel Gas Codes Subcommittee: May 6th, May 27th, June 17th (if needed)

The State Codes Advisory Committee will reconvene on June 29th to review recommendations from these subcommittees. All resources for the current code amendment process, including agendas, minutes, and future meeting dates, can be found on the DCA's website.

Recording of Emerging Science on Indoor Chemistry and Implications Workshop

NASEM's 4/15/21 virtual workshop on indoor chemistry issues, including emerging sensor technologies, modeling indoor air chemical exposures, and connections to human health and housing-related disparities, is now available here.

SUSTAINABILITY

The Sustainability Committee organizes ASHRAE members to develop chapter programs or chapter sponsored educational seminars, chapter sponsored community sustainability projects, and grassroots programs for the betterment of the local community. Check out ASHRAE's Community Sustainability Project program: https://www.ashrae.org/communities/chapters/ashrae-chapters/ashrae-community-sustainability-projects

Building Readiness

The ASHRAE Epidemic Task Force has issued updated recommendations to combat the spread of infectious airborne diseases in commercial buildings. “The Building Readiness Guide includes additional information and clarifications to assist designers and commissioning providers in performing pre- or post-occupancy flush calculations to reduce the time and energy to clear spaces of contaminants between occupancy periods,” said Wade Conlan, ASHRAE Epidemic Task Force Building Readiness team lead.

The health and safety of building occupants and operations personnel is always the primary consideration in the Building Readiness Guide. In addition to health and safety measures, the ASHRAE Epidemic Task Force has included important energy savings considerations. These energy savings strategies cover operating guidelines for buildings that are experiencing temporary reduced occupancies and closures, as well as systems control optimization and energy-efficient operating guidance. Please reference the **Energy Savings Considerations** portion of the Building Readiness Guide for recommendations on appropriate energy savings strategies for re-opening.

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RESEARCH PROMOTION

ASHRAE’s Spring 2021 Golf Tournament will be returning to Heritage Golf Links in Tucker on Wednesday, May 26, 2021

Due to the current social circumstances, masks are required inside the clubhouse and we will be eating lunch outdoors.

7:30am - Registration Begins; Range Balls Available

8:30a Shotgun Start

Format: (4) Person Lauderdale Tournament

Entry Fee: $700 per foursome

Includes: Green Fees, cart, driving range, post tournament lunch, & prizes following tournament

We will be having a CASH ONLY 50/50 Raffle so please come prepared.

REGISTER for TOURNAMENT

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MEMBERSHIP PROMOTION

WELCOME our new Atlanta Chapter members who have joined in the month of March!

- Daniel Buckel
- Jonathan D Abernathy
- Garrett Lee Morin
- Stuart Boyer
- Andrew Stansell
- Barton C Linkous
- Jon Jeter
- Andryl S Villeda
- Matthew C Prather
- Tim Torma
- Dr Ian B.D McIntosh
- John E Bryant Jr

Congratulations to the following members advancing from Associate to Full Member level!

- Mrs. Melissa Kell Ward
- Mr. Scott Martin
- Mr. Frank Harris III

MP By the Numbers

- YTD Total chapter membership is 927.
- Have welcomed a total of 68 new members since July 1, 2020.
- On March 1st we have 66 members with memberships past due from 1 to 6 months.
- (keep in mind at the end of 6 months, those past due memberships are “cancelled” by ASHRAE society and the member will no longer receive electronic communications from society)
- Please take 10 minutes, log onto ASHRAE.org review your membership status, renew if its time and you can, then update your Contact/Bio information.

APRIL “FAST” & FUN TRIVIA

A two-part trivia quest for April,

1. Name of the current ASHRAE Society President?
2. And where does this person call home?

First correct response(s) submitted / return email wins a $15 gift card to Zaxby's.

Congratulations to Stephen Schafer, Newnan, GA winner of the March "Fast" & Fun Trivia!

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JOB POSTINGS

CDC Now Hiring Mechanical Engineering, Energy Engineering, Controls Engineering Positions in the Atlanta Campus.

The Centers for Disease Control and Prevention is growing its facility portfolio with lab buildings and large office buildings, and must fill 3 to 5 open engineering positions in its Engineering, Maintenance and Operations Service Office. All positions are located in Atlanta, near Emory University.

All positions are full-time permanent career-track positions. All positions are within the GS-13 pay grade ($97,078 to $131,337 in 2021).

The CDC has present authority to hire 3 engineers, and near future authority to hire 2 more engineers. The CDC is looking to fill the following engineering roles:

- 1 energy engineer
- 2 mechanical engineers
- 2 controls engineers

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