

**From:** [Atlanta Chapter of ASHRAE](#)  
**To:** [Kristie Teoh](#)  
**Subject:** September 2021 Newsletter: ASHRAE Atlanta Chapter  
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ASHRAE Atlanta Chapter



## SEPTEMBER 2021 NEWSLETTER

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### PRESIDENT'S MESSAGE

Dear Atlanta Chapter Members,

It was a great start to the year, and I want to thank Georgia Power for presenting on how to help buildings save money and energy for the future. Those of us that attended Septembers' meeting in person were able to see the amazing new Headquarters building, and you too can see for yourselves soon during the Open House Grand Opening this November 17th and 18th, stay tuned for details. This month, October 12th, we will also learn from Jamie Hill about Radiated Ceiling Dampers! Then soon after our Fall Golf event will be held at Heritage, November 3rd, so don't forget to sign up early and get

your teams' spot.

Thank you to all who have already renewed their membership and remember that this years' membership includes access to 2021 Fundamentals Handbook. When you log onto ASHRAE.org, be sure to check out the Technology Portal to gain access to the latest four releases of Handbooks. Membership includes a lot of great benefits, and we are always looking for volunteers, if you are interested in helping us organize events or love helping the community, please contact us. A great way to make introductions is to join our Chapter Board meetings that start at 10:30am prior to each months' Seminar, there is always room for one more!



Pedro Pacheco,

Atlanta Chapter President 2021 - 2022

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## CHAPTER MEETINGS

### OCTOBER 2021 CHAPTER MEETING

Join us for an in-person chapter meeting!

**TBA**

**When:** Tuesday, October 12th, 11:30 AM – 1:00 PM  
**Where:** ASHRAE HQ (1791 Tullie Cir NE, Atlanta, GA 30329)

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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>

## Join the ASHRAE Atlanta GAC Task Force

Our chapter's GAC Task Force will meet monthly, every third Monday from 1-1:30 pm. Last year, we sent ASHRAE's Epidemic Task Force resources to 25 school districts throughout Georgia and met virtually with the Atlanta Regional Commission and the Southeast Energy Efficiency Alliance, who share in ASHRAE's vision for a better built environment. What we do this year is up to you! Join us! No previous advocacy experience required. Sign up on the Chapter website for our next meeting on Monday 10/18/21, 1-1:30 pm.

[REGISTER HERE](#)

## Atlanta Mayoral Candidates on Climate, Energy, Water

On November 2, 2021, Atlanta will elect its next mayor – or at least choose two candidates for a runoff to be held on November 30. WABE surveyed the 14 candidates about their views on environmental issues, including extreme heat and health effects, climate change and emissions reductions, and the region's water challenges. [Read the candidates' responses here.](#)

## Decarbonization Resources

### ASHRAE's Task Force for Building Decarbonization (TFBD)

ASHRAE's Task Force for Building Decarbonization (TFBD) was formed in Spring 2021 as an initiative of President Chuck Gullede and President-Elect Mick Schwedler. Jurisdictions globally are confronting climate change and recognizing that building decarbonization is an important component in their efforts. The worldwide building sector accounts for about 40% of energy-related carbon emissions and buildings remain a major sector that lacks sufficient mitigation policies. As the standards authority for energy usage in buildings, ASHRAE recognizes that our long-standing initiatives in energy efficiency should be expanded to building decarbonization. [Learn more about the TFBD here.](#)

### Insider's Guide to Talking about Carbon Neutral Buildings

The Getting to Zero Forum (co-sponsored by ASHRAE and hosted by the New Buildings Institute) created an overview document for anyone who wants a high-level understanding of the issue of decarbonization, "[An insider's guide to talking about carbon neutral buildings](#)," and recorded a [free webinar](#) about the guide.

## WHO Updates Air Quality Guidelines

The World Health Organization issued [new air quality guidelines](#) for particulate matter (PM2.5 and PM10), ozone, nitrogen dioxide, sulfur dioxide, and carbon monoxide. These new guidelines are substantially lower than those set by the WHO in 2005, due to the increase in evidence of the health impacts of air pollution. Worldwide, 7 million premature deaths every year are attributed to air pollution exposure.



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## 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.

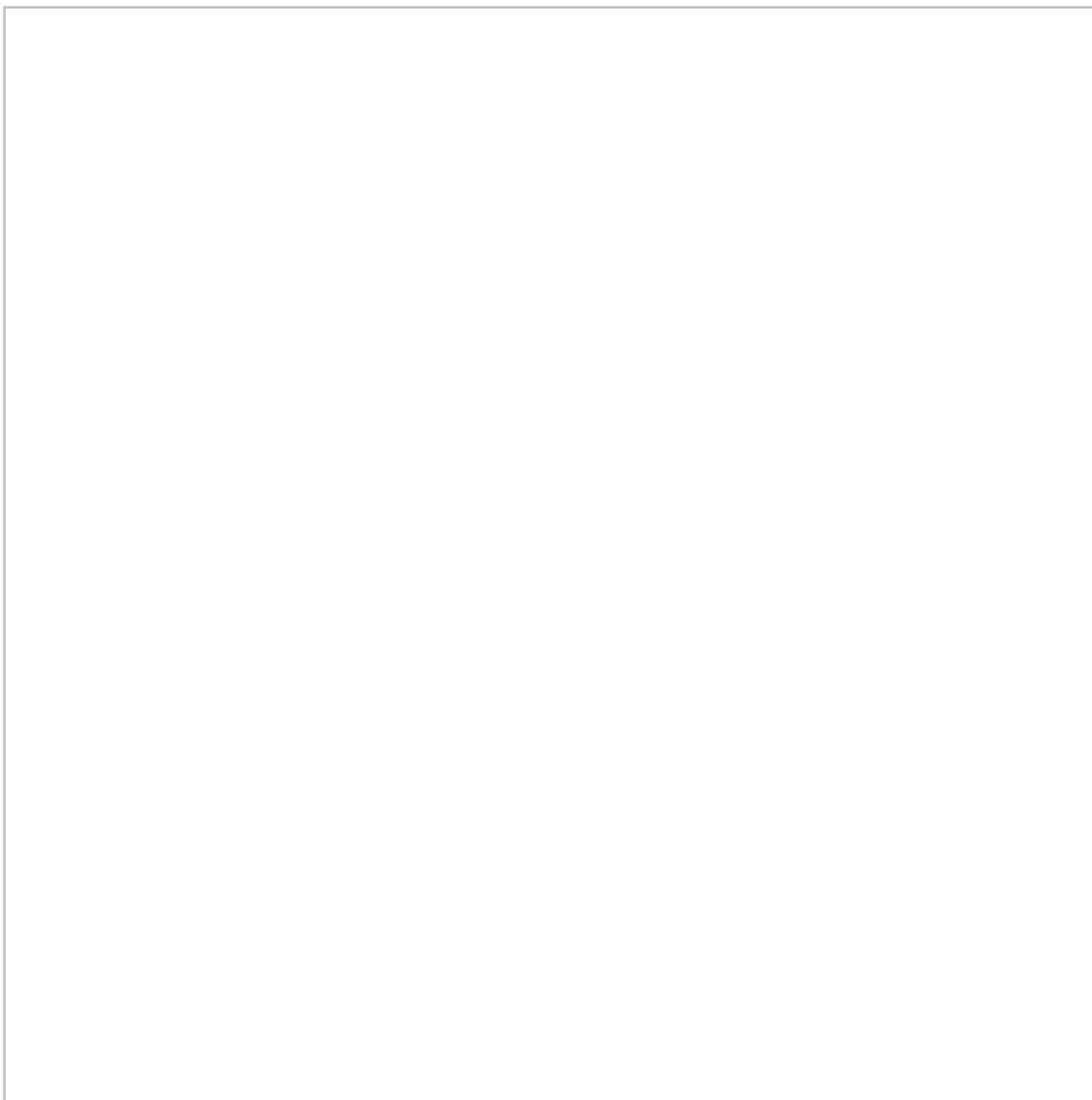
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## RESEARCH PROMOTION

ASHRAE's Fall 2021 Golf Tournament will be returning to [Heritage Golf Links](#) on Wednesday, November 3, 2021.

4445 Britt Rd., Tucker, GA 30084



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.

Sponsorship Opportunities Available!

Contact: Chris Reininger [chris@jmpco.com](mailto:chris@jmpco.com)

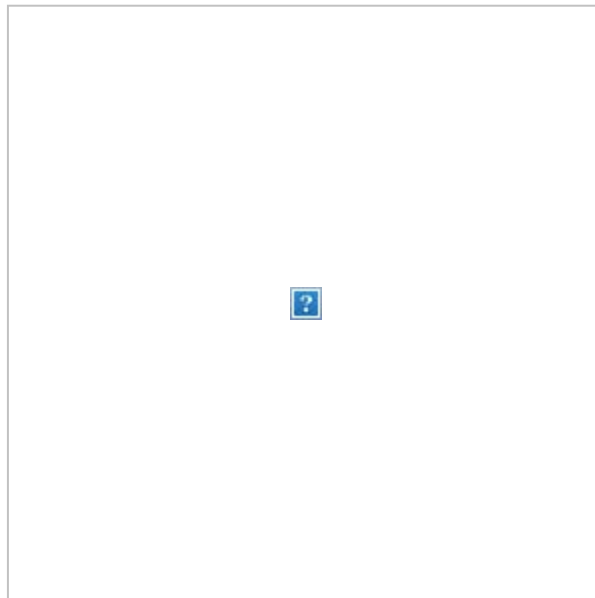
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## STUDENT ACTIVITIES

The Spark STEM event at Springdale Park Elementary School for grades K-2nd was very exciting! MARTA police brought a robot and demonstrated it going up and down stairs, Yerkes Primate Research Center presented a table, and lots more!



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## JOB POSTINGS

### **Mechanical Designer Opening**

CornerStone Design Services has an opening for a Mechanical Designer to join our Atlanta-based MEP team. The ideal candidate will demonstrate proven results and accomplishments within the MEP design space and will be seeking limitless opportunity with a diverse and growing firm.

#### **Responsibilities:**

- Work closely with lead discipline engineers to perform load calculations and equipment sizing/selections
- Create 2D AutoCAD files and 3D Revit models
- Prepare HVAC, Plumbing and Fire Protection construction documents
- Maintain and enforce departmental drafting and design standards
- Take primary ownership of multiple concurrent design projects, managing workflow and delivering progress markers

#### **Qualifications:**

- Associate's degree in Drafting / Design or equivalent Autodesk certifications
- 6+ years' experience in mechanical engineering design
- Strong proficiency in Revit and AutoCAD with advanced knowledge of drafting standards, family creation and BIM terminology
- Proficiency with MS Office suite (Outlook, Excel, Word) and Bluebeam
- Navisworks Manage and model aggregation experience is a plus

Candidates may apply here: <https://www.csdesignservices.net/careers>

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