

# Welcome to the November ASHRAE Meeting!

## Today's Agenda

- Lunch begins – 11:30AM
- Meeting – 12:00PM
- 2023-2024 Sponsors
- Chapter Sponsorship Opportunities
- ASHRAE Certifications – Billy Austin
- Membership Promotion: Employer Recognition and Guest Introductions – Mariana Haddad
- Past Event Summary
- Upcoming Events
- Halloween Costume Contest Winner
- Main Speaker Introduction

# Welcome to the November ASHRAE Meeting!

## *Thank You 2023-2024 Platinum Sponsors*



HOFFMAN & HOFFMAN, INC.



# Welcome to the November ASHRAE Meeting!

## *Thank You 2023-2024 Gold Sponsors!*



Reach out to our RP Chairs Paul Shelor & Kyler Asia if you are interested in chapter sponsorship.

[Paul.Shelor@gmail.com](mailto:Paul.Shelor@gmail.com)

[Kyler.Asia@carrier.com](mailto:Kyler.Asia@carrier.com)

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## *Thank You 2023-2024 Engineering Sponsors!*



**Shultz Engineering  
Group, P.C.**  
Consulting Engineers



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[Paul.Shelor@gmail.com](mailto:Paul.Shelor@gmail.com)

[Kyler.Asia@carrier.com](mailto:Kyler.Asia@carrier.com)



# Welcome to the November ASHRAE Meeting!

*Thank You 2023-2024*

*Platinum/Gold/Engineering Sponsors!*

Insert Company  
Name here

This could  
be you!

Insert  
Company  
name here

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# ASHRAE Certifications

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**Building Commissioning Professional** - The BCxP certification validates competency to lead, plan, coordinate and manage a commissioning team to implement commissioning processes in new and existing buildings.

**Building Energy Assessment Professional** - The BEAP certification validates competency to assess building systems and site conditions; analyze and evaluate equipment and energy usage; and recommend strategies to optimize building resource utilization.

**Certified HVAC Designer** - The CHD certification validates competency to design HVAC systems to meet building/project requirements, including equipment, equipment sizing, load calculations, mechanical equipment room design, duct and piping design and layout, and develop HVAC plans for permit and construction.

**High-Performance Building Design Professional** - The HBDP certification validates competency to design and integrate sustainable HVAC&R systems into high performing buildings.



# ASHRAE Certifications

**Healthcare Facility Design Professional** - The HFDP certification validates competency to incorporate standards and guidelines as well as unique healthcare facility requirements and design principles in HVAC system design.

**Building Energy Assessment Professional** - The BEAP certification validates competency to assess building systems and site conditions; analyze and evaluate equipment and energy usage; and recommend strategies to optimize building resource utilization.

**Operations and Performance Management Professional** - The OPMP certification validates competency to manage facility operations and maintenance to achieve building performance goals, including those related to indoor environmental quality, health and safety.

**Building Decarbonization Design Professional** – This certification is currently being developed.





# ASHRAE Certifications

## What do Employees say?

**"ASHRAE Certification has provided me with greater recognition." (72%)**

**"My credibility in the eyes of my colleagues and supervisor has increased." (69%)**

**"My ASHRAE certification has helped improve my career opportunities." (60%)**

**"My earning power has increased." (43%)**



# ASHRAE Certifications

## What do Employers say?

**"ASHRAE Certification is evidence of the level of competence attained by a new hire prospect." (90%)**

**"I have greater confidence in the knowledge and skills of ASHRAE-certified job applicants, than uncertified job applicants." (85%)**

**"ASHRAE Certification has led to additional business opportunities for my company." (54%)**

**"If the project team includes an ASHRAE-certified professional, then the project is more likely to be completed on time and under budget, and fulfill stakeholder requirements for quality." (52%)**



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## *Employer Recognition:*

Thank you to our wonderful employers who pay the membership cost for ASHRAE for their employees! We appreciate you!



HOFFMAN & HOFFMAN, INC.



United Mechanical Corporation  
*The Leader in Comfort and Process Mechanical Solutions*



Shultz Engineering Group, P.C.  
Consulting Engineers



# Welcome to the November ASHRAE Meeting!

*New Members or New Guests?*



Have a question?  
Reach out to us!



# Welcome to the November ASHRAE Meeting!

## *Past Event Summary:*

- October Chapter Meeting: 68 attendees
- UNC Charlotte Fall Picnic: 5 BOG attendees
- November Chapter Meeting = 74 attendees (not final)

# Welcome to the November ASHRAE Meeting!

## *Upcoming Events:*

<u>Event Name</u>	<u>Date</u>	<u>Time</u>	<u>Location</u>
3rd Chapter Meeting: “BAS Troubleshooting – Principles and Examples” Rob Dodson, PE	11/2/2023	11:30AM-1PM	Lenny Boy Brewing
Fall Annual Golf Tournament for RP w/ AEE	11/8/2023	10AM-6PM	Verdict Ridge
Sustainability Event: Stream Cleanup – Chapter-wide (15 spots left)	11/11/2023	9AM-12PM	Charlotte Stormwater
YEA/MP Happy Hour	11/30/2023	5PM-7PM	Wooden Robot
Tech Hour Virtual Meeting – PDHs Available	12/7/2023	11:45AM-1PM	Virtual Meeting
Christmas Auction and 2022-2023 Donor Recognition Event	12/7/2023	6PM-9PM	Lenny Boy Brewing
5th Chapter Meeting: “Operating & Maintenance Costs and Determining Equipment Lifespan”	1/4/2023	11:30AM-1PM	Lenny Boy Brewing

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## *Upcoming Volunteer Opportunities:*

### Charlotte Mecklenburg Stormwater

- Thursday, 11/30/23, 11AM-12PM - Stream Clean Up, Sycamore Creek Drive (29 spots available)
- Saturday, 12/9/23, 9AM-12PM - Stream Clean Up, Rodney Street- Pineville. (8 spots available)

Welcome to the November ASHRAE Meeting!

*Halloween Costume Contest*

And the winner is...



# Welcome to the November ASHRAE Meeting!

## *Halloween Costume Contest*

Stephen Wren!

Pictured right, Stephen's family.  
Stephen (King Triton), Mrs. Wren  
(Ursula), son (Prince Eric) and  
daughter (Ariel)



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## *“BAS Troubleshooting - Principles and Examples” Rob Dodson, PE*

Robert Dodson is a Biomedical/Mechanical Engineering graduate of Duke University and registered professional engineer in North Carolina. He has 12 years of experience in healthcare facilities management, primarily in the areas of energy optimization and controls.

Rob is a Senior Specialist and Smart Building Team lead for Atrium Health in the Greater Charlotte region. Atrium Health only began its comprehensive energy journey in 2012. Since then, Atrium Health has been recognized as an Energy Star Partner of the Year for six consecutive years (2018-2023), has several Energy Star certified hospitals, and has reduced its per-square-foot energy consumption by over one-third.

At Atrium Health, Rob acts as a member of the corporate Energy Team and manages the building automation applications in support of operational and energy goals. A major component of this is engagement with on-site maintenance teams to troubleshoot equipment using these tools, both to educate staff and improve efficiency.

