



President's Message

Hello Fellow Colleagues,

I hope you had a nice Christmas, Happy New Year and your 2019 has gotten off to a great start. With the new year brings optimism. Our industry is busy, and a number of firms are looking for new hires. AHR 2019 in Atlanta was reported to be a success with 65,000 participants and a large number of manufacturers displaying at the Expo. I would like to thank those members who attended the Region V and VI dinner at AHR. Good representation is a great sign of our dedication to ASHRAE and our industry. I also would like to take the opportunity to thank the entire Columbus Chapter Board of Governors, the first six months of this fiscal year have flown by, but a number of things have been accomplished, as you will see in the write-ups in this newsletter.

A number of events are coming up in 2019, which you will also find detailed in the newsletter, including the ASHRAE Columbus Chapter Social Event, February 21, 2019. Tony D and his committee have put together a great event and if you have haven't seen the video from our two new YouTube stars, Casey Oldham and Derek Ensign, check it out. It's a couple's thing, so bring your Valentine!

The Columbus Chapter received funds from the Region V Chapter Opportunity Fund, Bryan Cynrich is using the funds for the Ohio State University Environmental & Sustainability Career Expo, February 13th from 2 to 6pm. Not only is he promoting ASHRAE Columbus Chapter but also giving out information about our membered companies who are looking for new hires or interns.

STEM Champion Andrew Stotz is gearing up for the STEM Expo on March 2, 2019 at Whitehall High School from 9:00 am to 1:00pm. The Columbus Chapter is an activity sponsor, which means we have a lot of fun do engaging experiments/activities with students in grades K-8.

April brings ASHRAE Society President Sheila Hayter to the Columbus Chapter. President Hayter will be in Columbus the week of April 15th to give a technical presentation at our lunch or dinner meeting. You might be saying, lunch? dinner? well we are still gathering details on President Hayter's arrival time, details will be coming soon. I want to encourage you to come to the presentation and meet the President, our chapter has one of the strongest showings for technical meetings and it would be great for 150 or more to participate. I want to thank Chapter CTTC Chair Dave Kern and Carl Schultz the Region V CTTC Vice Chair for working on this and giving the Columbus Chapter this opportunity

Can you say BANG..BANG..BANG...that's right its almost time for ASHRAE Sporting Clay's 2019 at Blackwing Shooting Center. A committee has been formed to make the event even bigger and better, so mark your calendar....May 3, 2019.



Columbus Chapter

NEWSLETTER

Winter 2019 Newsletter

President's Message Continued

Day on Hill is approaching and GGAC Committee Chair Jamie Dennis along with Jim Arnold, Region V GGAC Vice Chair are working on getting in to see our local House of Representative and Legislators. This is all about letting them know who we are and what we can do for them or better yet what they can do for us. YEA Chair James Gallick has a tour at Brew Dog March 14th, this will be a fun tour with good food and brew afterwards. Again, I cannot thank the Board enough for their hard work and dedication to our Chapter. Unfortunately, I do not enough space to give details on everything that has been accomplished, but the Golf Committee is starting up, our Membership has grown, and we met our Research Promotion Goal for 2018/2019.

Lastly, I want to congratulate Jim Arnold on being elected as ASHRAE Region V Members Council Representative and Assistant Regional Chair. Jim will become Region V Director and Regional Chair in 2023. This position takes a lot of time and dedication. Jim is well deserving of this position. Congrats Jim. See you at the next event!!!

Hanse Cromer
ASHRAE Columbus Chapter President
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614-989-0714

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ASHRAE Winter Conference Atlanta, GA



This year's Region V and VI Dinner for the Winter Conference was located at Park Bar. Park Bar was a fine restaurant with great food, cozy atmosphere and a fine craft beer selection. This event was well attended with representatives of several states throughout the regions. Great times were had by all!

-Bryan Crnarich



The Kendeda Building - Living Building Challenge at Georgia Tech

Had a great opportunity to tour the Kendeda Building as part of ASHRAE's Technical Tour at the Winter Conference. This 40,000 sf facility is part of a Living Building Challenge. The Challenge is comprised of seven performance categories called Petals: Place, Water, Energy, Health & Happiness, Materials, Equity and Beauty. This will be an awesome facility and is very encouraging to see such innovation at work to produce a fully sustainable facility. Below are some highlights of the tour. More information can be found here (<https://livingbuilding.gatech.edu/>)

- One hundred five percent of the project's energy needs must be supplied by on-site renewable energy on a net annual basis.
- Primary cooling and heating is radiant flooring that is tied into the University's central heating and cooling plant. Secondary comfort cooling is by way of ceiling fans.
- Heat pump DOAS system with energy recovery for ventilation.
- 913 Solar Panels and green roof. Expected to generate 328 kW
- No "Red List" materials and chemicals; no Chromium 6 (used in the galvanization of metal) all special ductwork for the project, no Teflon, no neoprene gasket materials, no PVC, no fire retardant (3B classification exception)
- Eight large operable windows for natural ventilation and smoke evacuation purposes.
- Triple pane low e glazing with at least 4 inches of wall insulation
- Rain water harvesting system sized for a 15 year event; 50,000 gallon cistern
- Seven filter water filtration system with UV that processes the rain water for potable use.
- All recycled content brick, carpet tile, and FSC wood have been sourced from the Southeast
- Project cost, excluding the outdoor space; \$505 psf

-Bryan Cmarich



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ASHRAE Presents:
**Annual Scholarship
Fund Raiser**

Thursday, February 21st at 6pm



\$40 per Couple | Cocktail Party Attire

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www.ashraecolumbus.org



NEWSLETTER

Columbus
Chapter

Winter 2019 Newsletter

Future Lunch Meetings

Date	Topic	Speaker	Affiliation
02/18/2019	Air Distribution for Indoor Agricultural Facilities	Ken Rummage, National Sales Mgr	KE Fibertec
03/18/2019	Forensic Engineering	Mitchell Swann	ASHRAE Distinguished Lecturer
04/15/2019	Presidential Message	Sheila Hayter, PE	ASHRAE President, US Dept of Energy NREL
05/20/2019	A Dual Perspective: Architect vs Engineer	TBD	TBD



Ohio Construction Conference

Moving Forward:
Growth & Change
in Construction

Wednesday, March 13
7 a.m. - 5 p.m.

Ohio Union ■ 1739 N. High St.

For more information, contact Deb Murphy
p: 614.486.9521 x215 e: dmurphy@bx.org

2019 Programs:

- Growth, Development and Opportunity in Central Ohio
- Site Safety Technology That's Spot-On
- Building Relationships, Eliminating Red Tape
- Diversity & Inclusion: Changing the Image of Construction
- Creating Safe Learning Environments
- Meet SAM- Coming Soon to a Jobsite Near You
- When the Schedule Changes, and Changes, and ...
- Managing Risk in a Construction Workplace
- Perfecting Project Delivery Through Unified Teams
- Zebras & Ostriches: Rules for Employee Engagement
- Where's My Workforce?
- From Sustainability to Strategic Energy Management
- Urban Core Development = New Challenges
- Surviving the Hand-Off from Construction to Owner Occupancy
- Owner Roundtables: Moving the Industry Forward

Program descriptions, speaker information and online registration are available at www.w.bx.org/industry-education.

OSA members – join us for this industry wide event!

The Ohio Construction Conference is a one-day education and networking event for the commercial construction industry. 2019 programs include:

General Sessions

- Growth, Development and Opportunity in Central Ohio
- Zebras & Ostriches: Rules for Employee Engagement
- Owner Roundtables: Moving the Industry Forward

Breakout Sessions

- Site Safety Technology That's Spot-On (M1)
- Building Relationships, Eliminating Red Tape (M2)
- Diversity & Inclusion: Changing the Image of Construction (M3)
- Creating Safe Learning Environments (M4)
- Meet SAM – Coming Soon to a Jobsite Near You (M5)
- When the Schedule Changes, and Changes and ... (M6)
- Managing Risk in a Construction Workplace (M7)
- Perfecting Project Delivery Through Unified Teams (M8)
- Where's My Workforce? (A1)
- Sustainability to Strategic Energy Management (A2)
- Urban Core Development = New Challenges (A3)
- Surviving the Hand-Off from Construction to Owner Occupancy (A4)

Program descriptions and speaker information are available online at www.bx.org.

Ohio Construction Conference Wednesday, March 13

7 a.m. – 5 p.m.

Ohio Union ■ 1739 N. High St.

\$260/person for full-day registration
\$165/person for half-day registration
Save with 3 full-day registrations for \$555!

After March 1 pricing will increase.
A registration form with details
can be found on the reverse.

For more information, contact Deb Murphy
p: 614.486.9521, x215 e: dmurphy@bx.org

Continuing Education

Credits are pending, as applicable, with:

- American Institute of Architects
- Green Building Certification Institute
- Ohio Construction Industry Licensing Board

Professional Engineers may also submit OCC participation for professional development hours.

**Visit www.bx.org for more
details and online registration.**

The Ohio Construction Conference is made possible through the generous support of our corporate sponsors:

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Register online at www.bx.org!

REGISTRATION FORM



Attendee Information

First Name _____ Last Name _____

Name for Badge _____

Company _____

Address _____ City _____ State _____ Zip _____

Phone () _____ Email _____

Registration Options

Breakout sessions will be filled on a first-come, first-served basis. If you are unable to attend the full day, consider a half-day option.

☐ **Full Day – \$260**
(\$360 after 3/1)

Registration for all general sessions. Select one from each of the three breakout sessions.

☐ **Half-Day Morning – \$165**
(\$240 after 3/1)

Registration for the morning and lunch general sessions. Select one from each of the morning breakout sessions.

☐ **Half-Day Afternoon – \$165**
(\$240 after 3/1)

Registration for the lunch and afternoon general sessions. Select one afternoon breakout session.

Morning Breakout Session 1:

- ☐ M1 Site Safety Technology That's Spot On
- ☐ M2 Building Relationships, Eliminating Red Tape
- ☐ M3 Diversity & Inclusion: Changing the Image of Construction
- ☐ M4 Creating Safe Learning Environments

Morning Breakout Session 2:

- ☐ M5 Meet SAM – Coming Soon to a Jobsite Near You
- ☐ M6 When the Schedule Changes, and Changes, and ...
- ☐ M7 Managing Risk in a Construction Workplace
- ☐ M8 Perfecting Project Delivery Through Unified Teams

Afternoon Breakout Session:

- ☐ A1 Where's My Workforce?
- ☐ A2 From Sustainability to Strategic Energy Management
- ☐ A3 Urban Core Development = New Challenges
- ☐ A4 Surviving the Hand-Off from Construction to Owner Occupancy

Continuing Education Credits are pending as applicable for AIA, LEED and OCILB. Check the website for details.

Group Discount

Register 3 individuals for the full day for only \$555! **(\$780 after 3/1)**

(Must be submitted at the same time to receive the group discount)

Payment Options

☐ My check in the amount of \$_____ is enclosed.

☐ Credit Card: ☐ VISA ☐ American Express ☐ Discover ☐ MasterCard

Card # _____ Exp. Date, ____/____ Amount Charged \$_____

Name and address on card: _____

(include street address and zip)

Signature _____

Cancellation Policy: Registration fees are non-refundable; however, they are transferable to another member of your firm with no penalty. *(No shows will be responsible for the full registration fee.)*

Return to: Deb Murphy, P.O. Box 369, Columbus, OH 43216 **f:** 614.486.7620 **e:** dmurphy@bx.org

Board Member Support!

Thank you to the following companies for their support of our dedicated Board Members:

**STEFFENS-SHULTZ VICTAULIC ELITAIRE SALAS O'BRIEN MUSSUN SALES
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Officers

Hanse Cromer	Chapter President/Chapter Administrator/Regional Historian
Tony DeCrescenzo	Chapter President Elect/Chapter Administrator
Jake Taylor	Chapter Vice President/Chapter Alternate/Regional Student activities Vice Chair
Carl Schultz	Chapter Secretary/Newsletter/Regional CTTC Vice Chair
Matt Colvin	Chapter Treasurer/Regional YEA Vice Chair
Jared Keron	Chapter Past President

Board Members

David Kern	Chapter CTTC Chair
Bryan Crnarich	Chapter Student Activities Chair
Jamie Dennis	Chapter Government Affairs Chair/Signage
Aaron Powell	Chapter Research Promotion Chair/Chapter Administrator
Julia Call	Chapter Membership Promotion/Chapter Administrator
James Gallick	Chapter YEA
Andrew Stotz	Chapter K-12 STEM Champion
Bob Snow	Chapter Electronic Communication/CTTC Co-Chair
Jason Treacy	Membership Promotion Co-Chair/Honors & Awards
Melissa Wilson	Women in ASHRAE/YEA Co-Chair
Jim McCabe	Refrigeration Chair/Student Activities Co-Chair
Jim Arnold	Regional Government Affairs Vice Chair
Casey Oldham	Member at Large
Derek Ensign	Member at Large
Arlette Roeper	Member at Large
Carl McMullen	Chapter Historian

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If you would like to advertise and support the local chapter, the following are donations based on ad size.

Please contact Carl Schultz at carl.schultz@salasobrien.com if you would like to advertising in the next newsletter

Single Issue Only:

1/4 Page \$50.00

1/2 Page \$75.00

Full Page \$100.00