



ENGINEAIRE

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Arkansas Chapter Newsletter for the American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc.

April 2020

The President's Message by Steve McConnell

Arkansas ASHRAE members,

I hope everyone is staying well and safe during this unprecedented time that we are all currently experiencing with the COVID-19 virus pandemic. It has presented many every day challenges that deeply affect all of us in a variety of ways.

ASHRAE has provided a number of COVID-19 resources. Please go to our website <https://arkansasashrae.org/> for links to the following:

- A COVID-19 message from Society President Darryl Boyce
- ASHRAE Epidemic Task Force Established
- Coronavirus (COVID-19) Response Resources from ASHRAE
- Guidance for Building Operations During the COVID-19 Pandemic

Following the guidance given to us from our government and public health officials as well as ASHRAE, we had to cancel our regularly scheduled in-person Board of Governors and Chapter meetings for the month of April. Some other ASHRAE activities have been canceled, postponed, or are on stand-by for now. There is still a lot of uncertainty in the days, weeks, & months ahead but we want to do what we can now to continue to provide value and connection to our ASHRAE members while staying safe.

Our original meeting for April was scheduled to be a VRF panel made up of six manufacturer representatives and moderated by our Refrigeration Chair, **TJ Bell**. We hope to provide that program at another time, maybe in the Fall of 2020. In the meantime, our CTTC/Programs Chair, **Drew Grant**, has been working diligently to provide some programs for us during the month of April that can be done online during the lunch hour on Zoom. All of the topics are related to the COVID-19 crisis. You can read more about those topics and speakers in the newsletter and on our website. There will be invitations sent out as usual for each of the meetings but no charge. Click the link to register from the emails but also register on Zoom, our virtual meeting platform. You are welcome to share the invitations with anyone else you believe may be interested in these topics. Drew will be issuing PDH certificates for each meeting.

I also wanted to provide an update on other activities:

- Many of our Chapter officers and committee chairs were preparing to attend the Region VIII CRC in Houston in a few weeks. Regional leadership has postponed the in-person conference and is working to reschedule for a later date to be determined. The conference will now be virtual but we are waiting for more details.
- The ASHRAE annual conference that was scheduled for late June in Austin will now be the 2020 ASHRAE Virtual Conference. <https://www.ashrae.org/conferences/ashrae-2020-virtual-conference>
- ASHRAE Epidemic Task Force Chapter Survey – email was sent out to the Chapter members to collect information to provide feedback to the Task Force.

- ASHRAE is currently accepting applications for the Society's High School Senior and Freshman Scholarships for the 2020-2021 academic year. Here's the link to the application and criteria: <https://www.ashrae.org/communities/student-zone/scholarships-and-grants/scholarship-program>. The application deadline is **May 1, 2020**. Please inform all eligible students of this opportunity.
- Prior to the health crisis, our Student Activities committee was working with student chapters to network students looking for summer internships or full-time in employment. If you are interested in obtaining a student's resume, please reach out to Fallon Lee or Daniel Nehus.
- Arkansas Energy Office - Mechanical sub-committee sponsored by Arkansas ASHRAE. Will work through comments and proposed amendments during the public comment period, prior adopting the new Energy Code. If you want to participate, please contact Tim Quetsch with the Arkansas Energy Office tim.quetsch@adeq.state.ar.us or myself. **Next meeting: Mechanical Systems Subcommittee via Zoom Conference: Thursday, April 23, 1 p.m. to 3 p.m.**
- Past President's Night – tentatively scheduled for **Thursday, May 7** but subject to change.
- Spring Golf Tournament – tentatively scheduled for **Friday, May 29 @ CCA** but subject to change.
- Research Promotion – fund raising efforts will continue. See the newsletter for results of the Trap Shoot held on March 6 and Sportsman's Raffle held on April 1 (via Facebook Live).

If there is anything that Arkansas ASHRAE can do to serve you at this time, please let me know.

Steve McConnell
Arkansas ASHRAE - Chapter President - July 2019 – June 2020

Chapter Meeting Announcement

Arkansas ASHRAE Chapter Meeting
Hosted By: Arkansas ASHRAE Board of Governors

Agenda for April:

APRIL 2020 VIRTUAL SEMINAR SCHEDULE:

April 8th - Manufacture Presentation Genesis Air Cleaners Topic: "Viruses 2020"

April 15th - DL Presentation - International Broadcast - ASHRAE COVID-19 Task Force Committee Member Dr. Stephanie Taylor: Topic: Covid-19 Crisis ASHRAE Update

April 22nd - DL Presentation - Victor Goldschmidt - Topic: "Leadership Amid the Covid-19 Crisis"

April 29th - DL Presentation - Chris Mathis - Topic: "Why Buildings Matter & Our Focus to Improve Them"

Officer's Report- Treasurer

March 2020 Treasurer Report

Cruz Eslick – Treasurer

Account Balances:

Checking: \$17,281.67

Money Market (CRC savings): \$19,624.36

PayPal: \$0.00

ASHRAE ARKANSAS CHAPTER BOG MEETING MINIUTES

ASHRAE ARKANSAS CHAPTER BOG MEETING MINIUTES

Board Meeting – March 4, 2020

Jake Skinner – Secretary

Members Present: Steve McConnell, Drew Grant, Cruz Eslick, Jake Skinner, Tracy Emmerling, Ron McCarty, Russell Black, Nick Moore, Brody Barker, TJ Bell, Chris Ahne, Daniel Nehus, Zack Oliver, Josh Faulkner, Priscila Almeida, Ryan Smith, Randy Moore

Call to order: 10:31 am

- **President – Steve McConnell**
 - Monthly chapter report & contact with DRC - complete
 - PAOE (**Overall, currently at 9,370 points**) – 1st in the Region YTD
 - ALL - Please take some time to review & enter in points for work you've done.
 - **Chapter Nominating Committee – will vote on proposed Officers & BOG today at the general meeting**
 - Arkansas Energy Office – update to Energy Code (will discuss during Gov't Affairs update)
 - Leadership Academy (March 6-7) – Drew & Hunter
 - CRC – Houston (April 23-25, 2020)
 - Sign up available online (register for CRC then you can book your room)
 - Travel options – Flights/Car pool
 - Region VIII CRC – Conference Call (Steve & Ron) – March 4th & 25th at 2:00 pm)
 - Beginning to start CRC reports. Will need some help from Chairs to put it together
 - Chapter Report to DRC (**due 3/31**, need info by 3/27)
 - Golden Gavel Report (need info by 3/27)
- **President Elect / CTTC – Drew Grant**
 - Lunch Meeting/Program –
 - Approximately 45 RSVPs as of 9:30 am, 3/4)
 - Speaker & Topic (Larry Rohskopf, CEO Jeremias, Inc.)
 - Update on CIQ, volunteers for 2020-2021
Tech Award application update
- **Treasurer - Cruz Eslick**
 - Coordinate with Jake to begin training for Treasurer
- **Secretary – Jake Skinner**
 - Vote was passed to approve February Meeting Minutes
- **Board of Governors – Kim Koch, Bill Simpson, Randy Moore**
 - Coordinating with Country Club of Arkansas on Golf Tournament Food Sponsorship
- **Research Promotion - Ron McCarty**
 - RP efforts
 - Need membership help selling Sportsman's Raffle tickets for sale now through April.
 - Spring Trap Shoot – Friday, March 6th
 - Remind everyone and requesting from everyone about donating to RP. \$25 K short of goal.
 - Poker Tournament (March) date?

- **Membership Promotion – Jared Hendrickson (Chair)**

- Membership Promotion Committee – Zach Oliver, Ron McCarty**

- Update on number of Delinquencies? Reach out to for reinstatement, membership renewal?
 - 6 lapsed members, all have been reached out to, awaiting responses.
 - Update on number of Membership Upgrades
 - Recognition at meetings – No New members this month
 - Membership promotion/incentive for April meeting
 - Joint Bowling Social with YEA (Thursday, March 12th)

- **Student Activities - Fallon Lee (Chair)**

- Student Activities Committee – Daniel Nehus (K-12 Stem), Clayton Kinley**

- Update on Spring plans
 - E-week school visits
 - College/career visits
 - Trivia Night
 - March Madness Fundraiser
 - Career Fair
 - Summer Internship opportunities
 - Scholarships?

- **Historian – Russell Black**

- Contact with RVC
 - PAOE points updated on Monday
 - History Month – March/CRC Display on Bill Goodman
 - Leadership Recall video with Bill Harrison – Thursday, March 12th
 - upload any important information historical info by year to Basecamp – Arkansas (in time/Ongoing)

- **Social/Special Events - Josh Robinson (Chair)**

- Social/Special Events Committee – Nick Moore, Hunter Brock**

- Spring Golf Tournament
 - May 29th @ CCA (tentatively)
 - Door prizes will be done during lunch this year
 - Increasing entry fee to \$500/team and that will include raffle, lunch, and door prize
 - Update from planning meeting

- **YEA – Alex Halloran (Chair)**

- YEA Committee - Phil Watson (Co-Chair), Priscilla Almeida, Hunter Brock**

- Contact with RVC?
 - PAOE points updated?
 - Joint Bowling Social with MP (Thursday, March 12th)
 - Joint Refrigeration tour/happy hour to follow (Thursday, March 26th @ Lost Forty)

- **Electronic Communication – Hunter Brock (Chair)**

- Facebook posts
 - Pictures from Orlando/AHR/Winter Conference?

- Webmaster – Andrew Naeyaert (Chair)/Tufail Muhammad (Co-Chair)**

- *President's message & meeting announcement need to be on the website by **Wednesday, March 25th** (one week prior to next Chapter meeting, April 1st)*
 - Work with other committees to keep calendar, newsletter archive, and other website content current

Newsletter – Brody Barker

- Next Month's Newsletter deadline is *Friday, March 20th*
- *Issue by Wednesday, March 25th (one week prior to Chapter meeting, April 1st)*

Social Media – Hunter Brock/Ryan Smith

- Continuing to take pictures at events/meetings
- Continuing to utilize Facebook page as a chapter communication resource by creating events and posting about what our chapter has been doing

• Government Affairs – Josh Faulkner

- Engineering Week – photo op with the Governor, Wednesday, February 19th at 10:00 am.
- Arkansas Energy Office – update to Energy Code/ASHRAE subcommittee
 - work being done to update Energy Code – Mechanical Subcommittee lead by ASHRAE. The next subcommittee meeting is Thursday, March 19th from 2:00 – 4:00. (Live in person or remote in with Zoom)

• Refrigeration – TJ Bell

- Coordination with Drew/CTTC
 - Update on VRF round table for April 1st meeting
 - Still collecting questions <https://forms.gle/H4zCfYm363nrVBs7>
 - Requesting Speaker Bios
 - Current participation list: Carrier, Daikin, LG, Mitsubishi, Samsung, Fujitsu
 - TJ to moderate
- Update on Refrigeration plans –
 - Joint Refrigeration tour (TBD)/YEA happy hour to follow (Thursday, March 26th @ Lost Forty)

• Sustainability – Clayton Kinley

- Coordinating sustainability project with ACH

• Honors and Awards – Chris Ahne

- Member nominations for Chapter Service Award & Regional Award of Merit
- Update on Past President's Night planning (Date May 7th)?
 - Committee (2000-2009 Past Presidents)
 - Considering a theme for the event(e.g. Casino Night) and other locations such as Museum of Discovery
 - No HOF

Meeting adjourned: 11:15 am

Arkansas ASHRAE History

Russell Black - Historian

Leadership Recall Interview: Sam Cummings (March 15, 1998, Interviewer & Transcriber: Tim Staley – Arkansas Chapter Historian)

Sam Cummings was President of Arkansas ASHRAE in 1975-1976. Sam has received the Ernest M. Pettit Award, the Regional Award of Merit, Four ASHRAE Energy Awards, and an ASHRAE Distinguished Service Award. Sam is also in the Arkansas ASHRAE Hall of Fame.

QUESTION #1: Would you give a brief biographical sketch of your life. (Place of birth, family size, early schooling, higher education, employment background, current family, etc.)

Sam was born in Marshall, Arkansas. He graduated from Sylvan Hills High School in 1965. He graduated from the University of Arkansas at Fayetteville with a BSME in 1971. Sam is a registered professional engineer in eight states. He has been worked at Pettit and Pettit Consulting Engineers since 1968 where he is currently president of the company. Sam is currently a Fellow member of ASHRAE.

QUESTION #2: Please describe what attracted you to the engineering industry as well as your first job in the engineering industry.

The summer of his junior year in college, Sam worked for Pettit and Pettit Consulting Engineers. This was his first job in the HVAC industry. He has been involved with Pettit and Pettit as well as the HVAC [industry] since this time.

QUESTION #3: As a past Arkansas ASHRAE President, what were some of the major issues facing the HVAC industry at that time?

The energy crisis of 1974 - '75, Asbestos concerns in 1973 - '74, and a focus on central plant systems. The focus on central plants provided Sam and Pettit & Pettit with the opportunity to begin work on the University of Arkansas Campus.

QUESTION #4: What people stand out as influences on you?

Kent Pettit has had the single greatest influence on Sam's life.

QUESTION #5: Please describe any events that you feel have changed ASHRAE.

Two significant events changed ASHRAE as a society. The first was the decision to get involved with energy conservation. The second was the decision to develop and implement codes and standards. These decisions were made in the early to mid 1980's. Prior to this date, ASHRAE had some impact [on] HVAC issues, but had not received the recognition and media attention that it receives today.

QUESTION #6: Please describe your experience at the chapter level.

Sam entered into the officer rotation in the early 1970's. He was president of the Arkansas ASHRAE chapter in 1975 - '76. He was a delegate for three years. He served as committee chairperson on all committees except History and Attendance. Sam was awarded the Presidential Award of Excellence in 1976.

QUESTION #7: Please describe your experience at the regional and society level.

Sam has served on over 21 regional and society committees. These committees include: Technical Committee for the Control of Fire and Smoke, Emergency Building Temperature Restrictions for the DOE, Government Affairs, CRC Committees, ASHRAE Journal Committee, Publishing Council, International Education Committee, Education and Chapter Programs Committee, Education Council, Nominating Committee, Standards Committee, and others. Sam has recently been nominated for the Director at Large position.

QUESTION #8: Please describe the duties and term for a Director at Large.

There are nine Director at Large positions. Three positions are elected each year. Individuals elected to the position serve three-year terms. The position was created to serve as a liaison between the ASHRAE Board of Directors and the Society Member Committees. Sam expects his nomination to be confirmed at the annual meeting in Toronto this summer. The ASHRAE President Elect has requested Sam's assistance with the following committees: Charter and Bylaws, Administration and Advancements, and Honors and Awards. Upon confirmation, Sam's term will begin in July.

ASHRAE RP

Ron McCarty

Thank you all for your generous contributions and sponsorships benefiting ASHRAE Research. The current level of donations towards our goal \$40,000 sits at \$20,427. We are slightly ahead of our last year numbers. The Trap shoot was a great success and raised \$4,497. The Sportsman's Raffle sales ended on a positive note with raising \$590. I want to thank everyone that helped push the ticket sales. This year due to the Covid-19 the raffle ticket selection was held as a Facebook Live event on the Arkansas ASHRAE Facebook site. The event was recorded and can be view on our Facebook site. The winners are as follows: Jared Hendrickson, Hunter Brock, David Buie, Larry Smith and Cody Yoeman – Congratulations to all and we will contact each of you to determine how to get the gift cards to you.

The next event on the RP calendar is our calling and mailing campaign. This item has been on-hold due to the Covid-19, but we will start sending out letters here in the near future. We know the times are tough with all that is going on. If you are in a position that you can and want to make a contribution, you can make your donation on the ASHRAE's website, <https://xp20.ashrae.org/secure/researchpromotion/rp.html>, or send a check to the Arkansas ASHRAE post office box (PO Box 180, Little Rock, AR 72203). If you have any questions or need help with making a donation please do not hesitate to contact me directly at any time.

Thank you again for your support!!!

ASHRAE Certifications

ASHRAE Certified HVAC Designer



ASHRAE certification programs were founded to meet industry need and today provide value to 1,000s of built-environment professionals, employers and building owners.

For the past 100+ years ASHRAE has worked hard to earn and maintain a worldwide reputation for being the leader in HVAC&R design. ASHRAE certification programs serve to reinforce that reputation.

Check out ASHRAE's newest certification, **Certified HVAC Designer (CHD)**.



ASHRAE certification programs:

- Are developed by industry practitioners who understand the knowledge and experience that are expected for superior building design and system operation
- Assure employers and clients of subject mastery
- Serve as a springboard for continued professional development
- Offer an easy-to-apply process
- Allow non-native English speakers additional testing time

[Click Here](#) for more information!

Chapter Officers, BOG, Chairs, and Committee Members

Region Name	REGION VIII
Chapter Code	062
Chapter Name	ARKANSAS
Start Date	07/01/2019
End Date	06/30/2020

Position	Name	Company	Phone	Email
President	Steve McConnell	Lewis Architects Engineers	501-240-5902	smcconnell@lemvrv.com
CTTC/ President Elect	Andrew Grant	Airetech Corporation	501-539-0136	drew.grant@airetechcorp.com
Secretary	Jake Skinner	Harrison Energy Partners	501-539-0301	jskinner@harrisonenergy.com
Treasurer	Cruz Eslick	Garver	501-376-3633	bceslick@garverusa.com
Research Promotion Chair	Ron McCarty	Powers of Arkansas	501-350-5420	rmccarty@powersar.com
Board of Governors	Kim Koch	INSIGHT ENGINEERING PLLC	501-237-3077	kkoch@insightpllc.com
Board of Governors	Randy Moore	Airetech Corporation	501-993-2116	rmoore@airetechcorp.com
Board of Governors	Bill Simpson	Harrison Energy Partners	501-539-0578	bsimpson@harrisonenergy.com
CRC - Delegate	Ron McCarty	Powers of Arkansas	501-350-5420	rmccarty@powersar.com
CRC - Alternate	Steve McConnell	Lewis Architects Engineers	501-240-5902	smcconnell@lemvrv.com
Membership Promotion Chair	Jared Hendrickson	Powers of Arkansas	501-517-2066	jhendrickson@powersar.com
Membership Promotion Co-Chair	Zach Oliver	Powers of Arkansas	501-944-1829	zoliver@powersar.com
Membership Promotion Committee Member	Eric Blaylock	Powers Of Arkansas	501-690-5510	eblaylock@powersar.com
Membership Promotion Committee Member	Ron McCarty	Powers of Arkansas	501-350-5420	rmccarty@powersar.com

Student Activities Chair	Fallon Lee	Cromwell Architects Engineers	501-766-0333	flee@cromwell.com
Student Activities Co-Chair/K-12 Stem	Daniel Nehus	Harrison Energy Partners	501-786-7405	dnehus@harrisonenergy.com
Student Activities Committee Member	Clayton Kinley	Trane	501-529-4321	clayton.kinley@trane.com
Student Activities Committee Member	Keith Clement	Trane	501-472-1416	Keith.Clement@trane.com
Historian	Russell Black	Air Filter Systems Inc	501-472-4255	russell@airfiltersystems.com
Technology Transfer Chair	Drew Grant	Airetech Corporation	501-539-0136	drew.grant@airetechcorp.com
Refrigeration	TJ Bell	Trane	501-529-7543	tj.bell@trane.com
Reception Committee (Chair)	Tracy Emmerling	Powers of Arkansas	501-529-1689	temmerling@powersar.com
Reception Committee	Brady Smith	Powers of Arkansas	501-529-6389	bsmith@powersar.com
Reception Committee	Stephen Eoff	Jack Tyler Engineering	501-804-7559	steoff@jteng.com
Electronic Communications Chair	Hunter Brock	Cromwell Architects Engineers	501-259-0745	hbrock@cromwell.com
Newsletter Editor	Brody Barker	CIS	501-246-9386	brody.barker@ci-sales.com
Webmaster	Andrew Naeyaert	Cromwell Architects Engineers	501-519-7908	anaeyaert@cromwell.com
Webmaster Co-Chair	Tufail Muhammad	Harrison Energy Partners	501-551-6032	TMuhammad@harrisonenergy.com
Social Media Chair	Hunter Brock	Cromwell Architects Engineers	501-259-0745	hbrock@cromwell.com
Social Media Co-Chair	Ryan Smith	JCI	501-626-9872	ryan.michael.smith@jci.com
YEA Chair	Alex Halloran	Bernhard TME	501-951-0588	ahalloran@bernhardtme.com
YEA Co-Chair	Phil Watson	Bernhard TME	501-218-5942	pwatson@bernhardtme.com
YEA Committee Member	Priscila Almeida	Garver	501-398-4884	pcalmeida@garverusa.com
YEA Committee Member	Hunter Brock	Cromwell Architects Engineers	501-259-0745	hbrock@cromwell.com

Social - Special Events Committee (Chair)	Josh Robinson	Harrison Energy Partners	501-539-0633	jrobinson@harrisonenergy.com
Social - Special Events Committee	Hunter Brock	Cromwell Architects Engineers	501-259-0745	hbrock@cromwell.com
Social - Special Events Committee	Nick Moore	Airetech Corporation	501-551-5660	nick.moore@airetechcorp.com
Sustainability Chair	Clayton Kinley	Trane	501-529-4322	clayton.kinley@trane.com
Honors and Awards	Chris Ahne	Airetech Corporation	501-515-1774	chris.ahne@airetechcorp.com
Government Affairs Chair	Josh Faulkner	Powers of Arkansas	501-349-8655	jfaulkner@Powersar.com
Government Affairs Co-Chair	Chris Ahne	Airetech Corporation	501-515-1774	chris.ahne@airetechcorp.com