



# CRC CHAPTER SUMMARY REPORT 2016-2017



## **Introduction**

I have served in ASHRAE since 2002 in various capacities such as Student Activities Chair, Board of Governors member, and on many different committees throughout the years. Any success that we've had this year can be attributed to a great team of volunteers. We have so many members both young and experienced that offer an incredible amount of their time and effort to our Chapter. I feel like the volunteer base here in Central Oklahoma is the best in ASHRAE. Any success we have can be attributed to the team that consistently delivers results and value for our membership. I am pleased to be President of the COK Chapter this year and give back to the organization that has rewarded me for over 15 years.

## **Chapter Problems**

There are two main challenges our Chapter has faced this year. First, there was concern about Membership numbers due to the success we've had over the past 2-3 years in that category. Daniel Brazeale has done a fantastic job in this position, and with the growth we've experienced we were concerned that it would be difficult to sustain. There was not much to be done other than hard work and determination to maintain our MP goals. I'm proud to say that, to date, we are on target. And we are projecting to meet our MP goals by the end of the year. Second, Research Promotion took a large hit with Climatedmaster not participating with their annual \$10,000.00 donation. We started almost a year ago trying to retain this donation from them, but were unable to do so. Every resource within our Chapter was utilized to try and contact them, however every call and attempt at communication went unanswered. Chris Dolan, our RP Chair, recognized the potential for this shortfall and started planning well in advance. We added our sporting clays event last year and it was a huge success. We continued that event this year and raised a significant amount for RP. In addition, the RP Committee added a Poker event which also contributed funds we normally would not have seen to RP. Both events were well attended and we feel will be well attended moving forward. At this point we are going to utilize our calling campaign once again to bring in some "end of year" dollars. Based on projections of that campaign, and some other sources we've discussed, we are hopeful to be right at our goal by June 30<sup>th</sup>, 2017.

## **Innovations and Suggestions**

The largest task I undertook this year was running the Chapter utilizing Basecamp. At the CRC in Tyler, TX I attended the Chapter Ops workshop and Basecamp was presented there. One challenge we've always had within our Chapter is communication. Depending on the people in the officer positions, communication frequency and style could vary dramatically. Everyone is looking to the President to manage and direct communication practices to a certain extent. I saw Basecamp as an opportunity to implement a tool that allowed people to communicate on their own terms, and on their own timeframe. Another goal for me by implementing Basecamp was to limit the number of emails that people receive. I feel like this has been successful, and overall the feedback has been positive. I believe this sets up future officers and board members to communicate more effectively and have open dialog about Chapter business more frequently than every month at BOG meetings. I believe for us to continue to be successful we need to adopt tools like this to communicate with all different generations and styles of operation. See graphic

below. We are also active on various Social Media sites such as Instagram, Facebook, and LinkedIn. These are accessible from our website.

**CRC Summary Form Background**

**Membership Promotion:** This was an area of concern for me starting this ASHRAE year. With so much success in Membership growth and an abnormally high number of potential members falling off the rolls, we knew we had our work cut out for us. Daniel Brazeale has done a terrific job with MP over the past three years. He won our Region’s Roundup Award, Blue and Red Ribbon award, and is a candidate for the Lincoln Buillon award. This year Daniel simply put in the hard work to make sure we meet our MP goals. He focused on recruiting young engineers and contractors, and worked closely with the YEA chairman to promote events that would attract new members. I’m proud of Daniel for the work he has put in and the success he’s experienced this year and in years past.

**Student Activities:** This is an area I really wanted to focus on this year. With my experience in Student Activities I knew there is a tremendous opportunity to make a big impact. We did that

through continued outreach to the secondary education institutions. With 31 new members, this year and 2 new student branches I believe we accomplished our goal. Madison Schultz has been an ASHRAE superstar for several years now. She is always eager to participate and her efforts are clearly being recognized with the student numbers we are seeing. The accomplishment I'm most proud of for her is the addition of Eastern Oklahoma County Technology Center. This is a trade school with strong ties to HVAC. We have some history with them, but have never had a student branch there. With the formation of this student branch we can extend our outreach to interest young people who are involved with HVAC to remain in our industry. Since this is a trade school, we have much higher awareness of the opportunities in our market and a commitment to remain in HVAC.

**Chapter Technology Transfer:** I have been involved with CTT program planning for the past several years. One thing I continued this year was meeting well before the year started and planning every meeting in advance. I feel like this give us much better programming, and prevents last minute "fill-in" type meetings that dilutes the quality of the meeting for the membership. We communicated the list of speakers to the member ship in early October to prepare everyone for the upcoming meeting topics. Andy Donehue is in his first year as CTTC chair and I'm appreciative of his efforts. He made it a priority to get quality speakers and limit the potential bias that can show up in Chapter meeting speakers. We were also very fortunate to schedule (3) DLs this year. Our goal starting the year was to bring the highest quality Chapter meeting to the membership possible. I believe we accomplished this goal.

- **Update on SMACNA Standards**
- **Status and Future of Refrigerants**
- **Thinking Like an Engineer (DL)**
- **Application of CFD for Built Environments (DL)**
- **Rebate Opportunities in Engineering**
- **Future of the State of OK (Lt. Governor)**
- **ANSI/ASHRAE Standard 188 (DL)**
- **Changing Energy Mix in the US and how it affects the HVAC Community**

**Research Promotion:** Chris Dolan is another multi-year chair that has given this committee some consistency. Unfortunately, we lost Climatedmaster and their \$10,000 contribution this year. This has created a huge uphill battle for COK RP. Chris has introduced a Poker tournament this year that received great feedback, and more importantly, a boost for RP. These two events combined raised over \$5,000. With strong support from the Board we once again achieved Full Circle, with encouragement and heavy participation from the committee chairs as well. With a strong calling campaign and a little luck, we're hopeful we can get close to our RP goal for this year. Chris has setup a committee that should be successful moving forward and continue to make up the difference in the absence of our anchor sponsor.

**Grass Roots Government Advocacy:** Byron Hughes served as the committee chair once again. The entire Chapter continues to engage in conversation and strategy planning regarding our State

Energy Codes. Through Officers and Board of Governors, communication with code officials and state officials are taking place to try and advance our State’s adoption of more current energy codes. Once again, this year we participated in a joint “Day on the Hill” event with the NEOK Chapter. This is an area where more local members are getting involved every year.

**Chapter History:** I am very fortunate to have Dusty Stoabs serving as our Historian. For many years, Alan Loeffler served in this role and it was hard for me to imagine someone living up to his level of commitment for recording and communicating our Chapter’s rich history. Dusty has fulfilled this role beyond expectation. Consistently displaying at the CRC and making sure that our Historical information is on the website, Dusty is always working hard for COK. Dusty’s work on the little things, like our timeline, document management, articles in the newsletter, interviews, etc. speak for themselves. A true testament to the quality of his work was given this year when he was awarded the Lou Flagg award for his work on “The Life and Times of Louis C. Nettleship.” An amazing display of effort and thoughtful consideration was poured into this piece. After reading it I felt a sense of pride not only for our Chapter’s history, but for being associated with people like Dusty that have a passion for our industry, and our history.

**Finances:** A budget was presented to and approved by the Board at the September meeting. Our treasurer, Stephanie Thomas, has done a wonderful job of accounting for our Chapter. Her reports are always accurate and she holds everyone accountable for the funds we are spending on Chapter events. Our last audit was completed November 7<sup>th</sup>, 2016 and everything checked out. As of this report, we have a total funds balance of \$29,192.00. I feel we are leaving the Chapter well prepared for next year.

### 2016-2017 ASHRAE CRC CHAPTER SUMMARY REPORT

<b>REGION</b>	REGION VIII			
<b>CRC LOCATION</b>	OKLAHOMA CITY			
<b>CHAPTER</b>	CENTRAL OKLAHOMA			
<b>CHAPTER NUMBER</b>	068	<b>CHAPTER WEBSITE:</b> <a href="http://www.ashraecok.org">www.ashraecok.org</a>		
<b>1. MEMBERSHIP PROMOTION</b>		<b>YTD/REPORTED 2016-2017</b>	<b>REPORTED 2015-2016</b>	<b>REPORTED 2014-2015</b>
NUMBER OF AREA-ASSIGNED MEMBERS (AAM)		301	286	274
NUMBER OF CHAPTER DUES PAYING MEMBERS (CDPM)		196	194	178
NUMBER OF NEW MEMBERS TO DATE (AAM)		27	33	13
NUMBER OF MEMBERS DELINQUENT TO DATE (AAM)		23	15	27
<b>2. STUDENT ACTIVITIES</b>				
NUMBER OF NEW STUDENT MEMBERS		31	17	11
NUMBER OF ACTIVE STUDENT BRANCHES		4	2	2
<b>3. CHAPTER TECHNOLOGY TRANSFER</b>				
NUMBER OF REGULAR MONTHLY MEETINGS WITH TECH PROGRAM		8	9	8
MONTHLY MEETING ATTENDANCE (TOTAL/AVERAGE)		507/56	575/72	433/54

NUMBER OF SEMINARS, ALI COURSES, TOURS OR OTHER TECHNICAL PROGRAMS OUTSIDE REGULAR MONTHLY MEETING	4	5	4
NUMBER OF TECHNICAL PROGRAMS ON REFRIGERATION TECHNOLOGY	1	2	1
NUMBER OF SOCIAL EVENTS SEPARATE FROM A TECHNICAL PROGRAM (I.E. GOLF, MEMBER'S NIGHT OUT, ETC.)	14	12	7
NUMBER OF TECHNOLOGY AWARD SUBMITTALS TO CHAPTER/REGION	0	0	0
<b>4. RESEARCH PROMOTION/FUNDRAISING</b>			
CHAPTER GOAL	\$42,000.00	\$42,000.00	\$38,000.00
TOTAL DOLLARS CONTRIBUTED		\$46,000.00	\$40,628.00
<b>5. GRASSROOTS GOVERNMENT ADVOCACY:</b>			
LIST THE CHAPTER GOALS AND GRASSROOTS ADVOCACY OF THE PAST YEAR (USE SEPARATE PAGE)  INFORMATION THAT MAY BE INCLUDED: HOLDING COMBINED CHAPTER MEETINGS WITH OTHER ORGANIZATIONS TO DISCUSS HVAC&R, VISITING ELECTED/APPOINTED OFFICIALS, HOLDING A "DAY ON THE HILL," INVITING ELECTED/APPOINTED OFFICIALS TO SPEAK AT CHAPTER MEETINGS	CONTINUE DAY ON THE HILL MAINTAIN DISCUSSIONS ABOUT OK ENERGY CODE LT. GOVERNOR AS MEETING SPEAKER	OUBCC MEETING OK DAY ON THE HILL OGE COMMUNITY OUTREACH CONTACT WITH STATE OFFICIALS REGARDING ENERGY PLANNED BEQ REVIEW	
SEEKING PROCLAMATIONS FROM GOVERNORS, MAYORS AND OTHER ELECTED OFFICIALS FOR NATIONAL ENGINEERS WEEK (E-WEEK)	NONE	NONE	
SOLICITING NOMINATIONS FOR THE GOVERNMENT ADVOCACY AWARD AND OBTAINING GOVERNMENT AFFAIRS AWARD ENTRIES INTO REGIONAL COMPETITION	NONE	SOME ITEMS STATED ABOVE	
NUMBER OF ADVOCACY MEETINGS AND OTHER ACTIVITIES	8	10	2
OTHER GRASSROOTS ACTIVITIES NOT MENTIONED ABOVE (USE SEPARATE PAGE)	SOME ITEMS STATED ABOVE	SOME ITEMS STATED ABOVE	

<b>6. CHAPTER HISTORY</b>			
CHAPTER HISTORICAL DISPLAY AT CRC	YES	YES	YES
CHAPTER HISTORY MOVED TO WEB SITE	YES	YES	YES
<b>7. FINANCES</b>			
TOTAL FUNDS BALANCE	\$29,192.00	\$33,713.82	\$27,502.29
CHAPTER DUES	\$40	\$40	\$40
MEMBER COST OF MEALS	\$25 / \$20 EARLY	\$25 / \$20 EARLY	\$20
DATE OF LAST CHAPTER AUDIT	JANUARY 2017	MARCH 2016	JULY 2014

**Additional Items:**

Sample Newsletter: [http://ashraecok.org/images/news/2017-04\\_Newsletter.pdf](http://ashraecok.org/images/news/2017-04_Newsletter.pdf)

Sample Meeting Notice:



**MAY 2017 CHAPTER MEETING**

**When**

Wednesday, May 03, 2017  
11:30 AM to 1:00 PM

[ADD TO CALENDAR](#)

**Tickets**

\$20.00 Member Registration  
before May 1

\$25.00 Member Registration

\$0.00 STUDENT MEMBER  
Registration

\$0.00 NO Lunch -Registration

\$0.00 PRE-PAID--Registration  
ONLY

\$0.00 STUDENT GUEST  
Registration

**Register Now**

**Directions**




50 Penn Place, 3rd Floor Retail  
50 Penn Place  
Oklahoma City, OK 73118

**Get Directions**

Please join us for our May 3<sup>rd</sup> meeting where we will have Evan Berger in to speak to us. Evan Berger is Director of Energy Solutions at Calmac Manufacturing Corp., the world leader in the product design and manufacture of thermal energy storage. Evan's role is to help position the IceBank, Calmac's flagship product with over 4,000 installations and 500 MW installed, as a key component of the smart grid. Prior to Calmac, Evan worked at the demand response provider Viridity Energy, where he helped build its industrial practice, New York City business, and use of batteries in novel applications. He previously served stints as an investment banker and as a public interest energy analysis/lobbyist.

Evan will be discussing the hidden daytime cost of energy, and the role of demand charges and time-of-use pricing plays in peak-hour electricity more expensive than electricity on nights and weekends.

Chapter Roster (e-version): <http://ashraecok.org/directory.php>

Company	Member Name	Address	Contact Info	Member Type
Frankfurt Short Bruza	<a href="#">Mitch J Ablah</a> Mech Eng	3017 Berkshire Way Oklahoma City, OK 73120-2016	(p)(405)842-9556 (f) (e) 	
Allen Consulting Inc	<a href="#">Wayne T Allen</a> Principal	115 W Main St Norman, OK 73069- 1308	(p)(405)447-2282 (f) (405)447-2284 (e) 	
Leidos Engineering	<a href="#">Alexander Alperin</a> Mechanical Engineer	9400 Broadway Ext Ste 300 Oklahoma City, OK 73114-7407	(p)(405)607-6932 (f) (405)478-1607 (e) 	
Frankfurt Short Bruza	<a href="#">Shahrokh Azhdari</a> Mechanical Engineer	PO Box 595 Edmond, OK 73083- 0595	(p)(405)840-2931 (f) (405)842-7750 (e) 