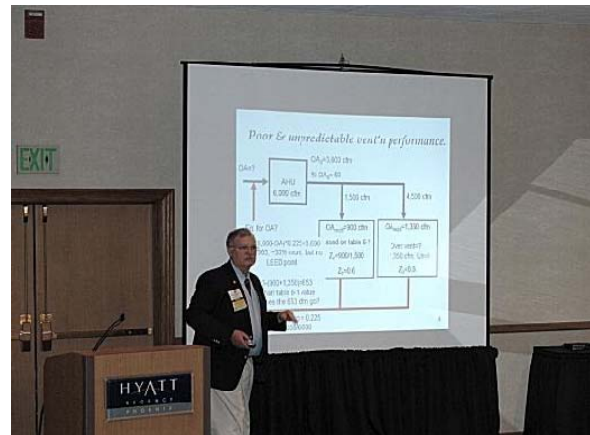




2009 – 2010 ASHRAE Region X CRC CHAPTER SUMMARY REPORT CENTRAL ARIZONA CHAPTER 086



centralaz.ashraechapters.org



CENTRAL ARIZONA President's Report

Greetings Delegates and Alternates of the Region X CRC,

It is my pleasure to report to you that the state of the ASHRAE Central Arizona Chapter is operating like a well oiled machine. There were a few speed bumps at the beginning of the year (our meeting location went out of business) but we figured things out and had another successful year. We continued to have very strong meeting topics, excellent RP fund raising events (Table Top & Golf Tournament), & continued involvement with the student chapter at ASU. While the economy here in Phoenix has not been the best, the attitude of our members has been very upbeat and encouraging. I have enjoyed serving as the Chapter President and look forward to serving with the incoming President & BOG this year.



Dennis Surovcik
CHAPTER PRESIDENT
2009-2010



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CENTRAL ARIZONA Chapter's Best Practices

- ❁ Focused Chapter's activities in effort to attract more engineers:
 - ❁ Offered Professional Development Hour credits at Chapter Meetings.
 - ❁ Planned for half hour technical sessions before every evening meeting.
- ❁ Newsletters published bi-monthly.
- ❁ Emailed and send letters to a larger pool of the membership than in years past.
- ❁ Meetings followed the guidelines in the ASHRAE Manual of Chapter Operations.



Gary Nelson, PE
PRESIDENT ELECT



Christine Young
SECRETARY



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CENTRAL ARIZONA Finances

	YTD Reported 2009/2010 06/31/10	Reported 2008/2009 04/24/09	Reported 2007/2008
Total Fund Balance As of 6/31/2010	\$22,201 after check to RP	\$38,712	\$40,040
Chapter Dues	\$35	\$35	\$35
Cost of Meals	\$30 for Members/ \$35 for Non-Members	\$30 for Members/ \$35-Non	\$30
Date of Last Chapter Audit	Scheduled for August 2010	June 2009	June 2008



Shawn Masterson
TREASURER



Finance Highlights

- ⚙️ Allowed for a table vendor at each Chapter meeting as a way to earn additional income to help cover costs of free chapter activities such as the Holiday Social event.

CHALLENGES

- ⚙️ Maintain current meeting costs of \$30 per member with the change in venue in mid season.

SOLUTIONS

- ⚙️ We will be having a mixture of dinner and lunch meetings to encourage members that cannot attend one or the other of the meetings. The new venue allows us to maintain our goal of \$30 meal costs. Non-members were charged \$35.

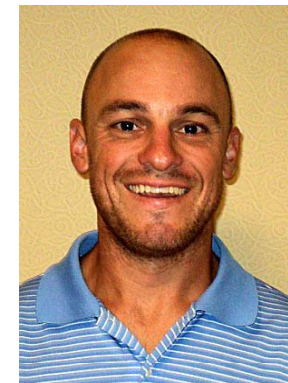


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CENTRAL ARIZONA Membership Promotion

	Reported 2009/2010	Reported 2008/2009	Reported 2007/2008
Area Assigned Members	388	427	396
Chapter Dues Paying Members	206	407	375
New Members	30	83	66
Delinquent Members	34	20	21



Andrew Croatt
MEMBERSHIP CHAIR



Larry Hodgins
NOMINATIONS CHAIR



CENTRAL ARIZONA

Membership Promotion

HIGHLIGHTS

- ⚙️ Maintained interest in meeting even with the slowed economy.

CHALLENGES

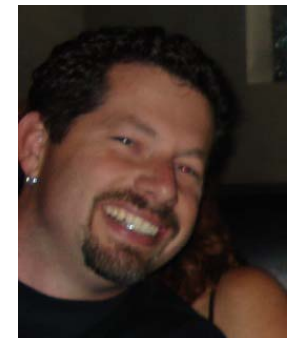
- ⚙️ Collecting dues from unpaid members.

SOLUTIONS

- ⚙️ Expand communication efforts to membership by updating email list using membership roster and mailing paper copies of calendar to members who do not have email.
- ⚙️ Continually reminder unpaid members about their membership status and loss of membership consequences.



April Ricketts
WEBMASTER/NEWSLETTER



Doug Lovell
ATTENDANCE CHAIR



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ASHRAE CENTRAL ARIZONA CHAPTER NEWSLETTER



**CENTRAL ARIZONA
CHAPTER**

Dust Devil



WINNER OF THE ASHRAE REGION X 2008-09 FRANCIS G. BROWN PUBLISHING AWARD

May/June 2010 Edition
Volume 5

UPCOMING CHAPTER EVENTS

MEMBERSHIP APPRECIATION DAY MAY 4, 2010

5:00 - 5:30 PM - Tech Session (0.5 PDH)
5:30 - 6:00 PM Sign In/Networking
6:00 - 6:15 PM Lunch/Announcements
6:15 - 7:15 PM Program (1.0 PDH)

Topic:

Central Plant Optimization (Tentative)

Speaker:

To Be Announced

HAVE A WONDERFUL SUMMER!



Next Chapter Meeting is in September

DINNER/LUNCH COST

Members - \$30/\$35 after RSVP deadline
Non-Members - \$35
Student/Lifetime Members- Free

MEAL TICKETS

You can pre-purchase meal tickets for future meetings at the sign-in desk or via the Chapter's website for the price of \$30 for 1 ticket. You can also get a discount by purchasing 8 tickets for the price of 7.

RESERVATIONS

If you are planning to attend one of the Chapter Meetings, please RSVP at least four (4) business days before the meeting. RSVP via the Chapter's website or email at central.az.ashrae@gmail.com.

PDH CERTIFICATES

Sign up for PDH certificates on the website or at the Chapter meeting. Certificates are handed out after the Meeting.

2010-2011 CHAPTER OFFICERS AND BOARD MEMBERS ELECTED

Elections for the 2010-2011 ASHRAE Central Arizona Chapter Board of Governors (BOG) were held on April 13th. By a unanimous voice vote, the 2010-2011 Board of Governors will be:

President

Gary Nelson, P.E.

President-Elect

Christine Young

Secretary

Shawn Masterson, CM

Treasurer

Tyson Padgett

Board Members

Dennis Sarovecik II
April Ricketts, P.E.
Charlie Pehl
Dianne Langmade

Committee chair positions are still available for the 2010-2011 year. If you are interested in serving on a committee, please contact the incoming Chapter President, Gary Nelson at

gary.nelson@smithgroup.com or by phone at (602) 265-2200.

The incoming Officers/Board of Governors will be installed at the May 4th Chapter Meeting, with their terms "officially" starting on July 1st, 2010.



The Incoming 2010-2011 ASHRAE Central Arizona Chapter Officers

ASHRAE Region X CRC in August

By Gary Nelson, P.E. - Chapter President Elect



The 2010 ASHRAE Region 10 Chapter Regional Conference (CRC) will be held in Reno, Nevada on August 26-28.

The event is a great time for incoming Chapter Officers and Committee Chairs to get together with ASHRAE folks from Arizona, California, Hawaii, and Nevada to discuss challenges in running a Chapter. It will include a technical session on "Geothermal Design and Implementation of Geother-

mal Practices" presented by Dean Parker and Jimmie Oaks. An address from the ASHRAE Society President for 2010-11 will be presented by senior visiting officer Tom Watson.

The event will include a regional awards dinner to celebrate and acknowledge chapter achievements as well as workshops for the various committees.

In past years the CRC has been a fun and informative event to get together with ASHRAE friends in the HVAC business from around the region.

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April Ricketts
WEBMASTER/
NEWSLETTER



Dust Devil Newsletter

- Published 5 volumes of the Chapter Newsletter, the Dust Devil, which is sent out every 2 months.
 - Continued Business Card advertisements in the Newsletter. Proceeds to the Chapter to help out with miscellaneous expenses (such as the Chapter Christmas Social/Brewery Tour).
 - Maintain a Twitter account to highlight upcoming events noted in the Newsletter.
 - More members are reading the digital version of the newsletter, allowing us to print less paper copies



Central AZ Chapter Website

- [Links to the Chapter Bylaws and Constitution](#)
- [History page, that has a copy of the Chapter's Charter and other historical records.](#)
- [ASU Student Branch meetings](#)
- [Link to the Chapter's Twitter account](#)



CENTRAL ARIZONA Student Activities

	YTD Reported 2008/2009	Reported 2007/2008	Reported 2006/2007
Number of New Student Members	34	29	12
Number of Active Student Branches	1	1	1



Beau Turner
STUDENT ACTIVITIES
CO-CHAIR



Michael Suyehira
STUDENT ACTIVITIES
CO-CHAIR



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CENTRAL ARIZONA

Student Activities

HIGHLIGHTS

- ❁ Continuing development of the Arizona State University Student Branch.
- ❁ Provided two \$500 scholarships to students.

CHALLENGES

- ❁ Continuing to support Student Chapter in midst of resignation of originally appointed Student Activities Chair.

SOLUTIONS

- ❁ Appointment of a new Student Activities Chair and broadened outreach to ensure continuity.
- ❁ Increasing Student Awareness
- ❁ Combining with School of Architecture, School of Sustainability, & School of Facilities Management



February ASHRAE Student Branch Meeting - Student Branch President Sa-jesh Adulkar Receive Scholarship Check from Central AZ Chapter





CENTRAL ARIZONA

Chapter History

	YTD Reported 2009/2010	Reported 2008/2009	Reported 2007/2008
Chapter Historical Display at CRC	YES	YES	YES
Chapter History Moved to Web Site	YES	YES	YES



Ben Madsen
HISTORIAN



CENTRAL ARIZONA Chapter History

HIGHLIGHTS

- ⊗ Digitally archiving old Chapter records.
- ⊗ Publishing chapter history items in the Chapter's newsletters.
- ⊗ Old newsletters available on the website.

CHALLENGES

- ⊗ After finally finding a home for the Chapter's Library, unforeseen circumstances required that a new location be found.

SOLUTIONS

- ⊗ A temporary location for the Chapter's records has been donated, but a permanent spot is still being sought.



CENTRAL ARIZONA

Chapter Technology Transfer

	YTD Reported 2009/10	Reported 2008/09	Reported 2007/08
# of Chapter Technology Awards	1	0	2
# of Refrigeration Presentations	0	4	0
# of Chapter Meetings, Seminars, and Tours	9	10	8
# of Social Events (Golf, Product Show, Christmas Party, etc.)	3	3	2
Chapter Monthly Meeting Attendance (Average)	45	59	55



Tyson Padgett
CTC CHAIR



CENTRAL ARIZONA

Chapter Technology Transfer

HIGHLIGHTS

- ❁ Chapter Sponsored Christmas Social Event
- ❁ Two DL speakers, Ralph Kittler and Stanley Mumma
- ❁ Tour of Phoenix Children's Hospital Central Plant

CHALLENGES

- ❁ Refrigeration topics were lacking

SOLUTIONS

- ❁ Need a refrigeration chair that works with CTTC in planning lecture topics



February Central
Plant Tour at
Phoenix Children's
Hospital



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CENTRAL ARIZONA Research Promotion/Fundraising

	Reported 2009/2010	Reported 2008/2009	Reported 2007/2008
Chapter Fundraising Goal	\$20,000	\$22,500	\$12,000
Total Fundraising Dollars Contributed to Research Promotion	\$18,345	\$16,938	\$16,986



Larry Hodgins, PE
RP CHAIR



Mary Lou Locke
GOLF
TOURNAMENT
CHAIR/
RP CO-CHAIR



CENTRAL ARIZONA

Research Promotion/Fundraising

❖ HIGHLIGHTS

- ❖ Chapter's Phoenix Suns Night
- ❖ Reached Full Circle commitment
- ❖ The Chapter's Product Show earned \$2,000 and the Golf Tournament raised \$10,000 for Research Promotion.

❖ CHALLENGES

- ❖ Increasing donations in the midst of a recession.

❖ SOLUTIONS

- ❖ Worked to expand donor pool by reaching out to non-traditional HVAC businesses.



Charlie Pehl
PRODUCT SHOW CHAIR



Mary Lou Locke
GOLF TOURNAMENT CHAIR/
RP CO-CHAIR



- **By Travis Gepson and Cory Wright**
- You know you might be an engineer if:
 - You have no life - and you can PROVE it mathematically.
 - You know vector calculus but you can't remember how to do long division.
 - You chuckle whenever anyone says "centrifugal force".
 - You've actually used every single function on your graphing calculator.
 - It is sunny and 70 degrees outside, and you are working on a computer.
 - You've calculated that the World Series actually diverges.
 - You have a pet named after a scientist.



CENTRAL AZ PARTICIPATION IN EVENTS 09-10

- Green Build 2009, Phoenix- Chapter provided Monitor for ASHRAE Society 6 hour seminar on ASHRAE 90.1, 2007
- Build It Green Expo-2010-Chapter provided booth and speaker for the "*ASHRAE 'Building Energy Quotient' Program*"
- National Solar Conference, Phoenix



**Chapter Officers and Chairs at the Region X 2009 CRC
With Region 10 Dignitaries**



- CRC ARIZONA August 2011

Central AZ and Tucson

