



# ASHRAE

Technology for a Better Environment

## Northern Nevada Chapter 126

April Newsletter 2010

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### **PRESIDENT'S MESSAGE:**

#### **Brenna Smith**

Greetings to Everyone!!

We had a great turnout for the March meeting!! Thanks to all our continuing supportive patrons and the new faces that were there! ☺ It was also a great Saturday and turn out for the ASHRAE Clay Shoot! Steve Podhurst with Ameresco was the lucky raffle winner for the Berretta shot gun! Congrats Steve!

### **A HUGE THANKS TO THE FOLLOWING SPONSORS:**

#### **Station Sponsors:**

- California Hydronics
- Applied Mechanical, Inc.
- RS Analysis
- RS Analysis-Commissioning
- Petty and Associates
- Control Installation Specialists
- Victaulic
- Johnson Controls
- Building Control Services, Inc.
- J&J Mechanical
- Smith Mechanical
- Kreuger
- Belimo Aircontrols
- Penta Building Group
- Norman Wright
- Raglen System Balance
- WN Mechanical Sales
- Carson Dodge

#### **Corporate Team Sponsors:**

- Mike Dianda Trucking
- Raglen System Balance
- Petty and Associates
- RS Analysis
- Building Control Services, Inc.
- RHP Mechanical
- Penta Building Group
- California Hydronics

#### **Special Thanks:**

- Rocky Nelson of Penta Building Group who donated two 10-22 Rifles to the raffle prizes!

#### **Individual Shooter Sponsors:**

- Jimmy Koepp
- Dick Flanagan
- Dave Sanger
- Zach Smith
- Ralph Felices
- Scott Rose
- Greg Jones
- Andy Humphriss
- Joel Cryer
- Phil Greenhill
- Dave McClenahan
- Jeremy McClenahan
- Bill Dipple
- Ryan Coots
- Josh Verichetti
- Bob Ohlson

#### **Awards:**

- Champion--Andy Humphriss 95
- A Class-- Jim Koepp 79
- B Class-- Joel Cryer 71
- C Class-- Todd Martin 56
- D Class-- Brandon Etchemendy 44
- Lady—Candice George 49
- Student-- Cody Mckinnon 43
- High Team-Tin Cups; Jim Koepp, Dick Flanagan, Dave Sanger, Zach Smith, Ralph Felices 419

We are still looking for donations for CRC, August will be here in four short months!! Thanks to Norman Wright and RHP Mechanical for their donations!!! Contact myself or Candice George at ([candice@pettyengineering.com](mailto:candice@pettyengineering.com)) regarding donation options. Attached is a flyer breakdown for donation amounts.

Be aware next month we will be touring the new Belimo facility, located in Sparks.

As always we continue to thank you for your support, ideas and feedback. We've made some changes to the website in hopes it's more user friendly. Thanks to those who've provided feedback to us on the changes!

We look forward to seeing everyone at the dinner meetings, and thank you for taking one evening a month for us! See all of you soon!

Thanks again to all the supporting members and companies, without you, there would be no Northern Nevada ASHRAE.  
☺

Sincerely,

Brenna Smith  
Chapter President 2009-2010  
Northern Nevada Chapter

## **Sponsorship Opportunities**

**The Northern Nevada Chapter is in need of sponsors to help offset the cost of the events. We are asking that you consider sponsoring the Chapter in its efforts to put on an excellent conference for ASHRAE.**

**There are many ways that you can sponsor the event. The following information details the methods.**

**Thank You for considering this opportunity.**

### **DIAMOND SPONSOR—\$1,500.00**

As a Diamond Sponsor you will receive recognition on all advertisements for the CRC, verbal recognition during the Awards Dinner, table top recognition at the President's Luncheon and Awards Dinner, a banner displayed during the entire CRC, and eight tickets to the Awards Dinner.

### **PLATINUM SPONSOR—\$1,000.00**

As a Platinum Sponsor you will receive recognition on all advertisements for the CRC, table top recognition at the President's Luncheon and Awards Dinner, a banner displayed during the entire CRC, and four tickets to the Awards Dinner.

### **GOLD SPONSOR—\$750.00**

As a Gold Sponsor you will receive recognition on all advertisements for the CRC, table top recognition at the President's Luncheon and Awards Dinner, and a banner displayed during the entire CRC.

### **SILVER SPONSOR—\$500.00**

As a Silver Sponsor you will receive recognition on all advertisements for the CRC, table top recognition at the President's Luncheon and Awards Dinner.

### **BRONZE SPONSOR—\$250.00**

As a Bronze Sponsor you will receive recognition on all advertisements for the CRC, and table top recognition at the Awards Dinner.

### **FRIEND SPONSOR—\$150.00**

As a Friend Sponsor you will receive recognition on all advertisements for the CRC.



# HELP SUPPORT N. NV ASHRAE CHAPTER!

August 26, 27 and 28, 2009 N. NV ASHRAE Chapter will be hosting our annual Chapter Regional Conference (CRC.) At the Peppermill Hotel and Casino. This conference allows the western chapters to get together to share their ideas and chapter information. This conference is a great way to get your business name out there!! We're requesting monetary donations to help with the expense of this conference.

Please Make  
Donations To:  
N. NV ASHRAE  
PO Box 21195  
Reno, NV 89515

We're asking donations of \$500 or more. Platinum donations of \$1,500, you will receive 2 dinner tickets to the awards dinner on Friday night where you will receive recognition for your donation!

What will you gain from this?

Support to Local ASHRAE Chapter  
Advertisement of your company name  
Dinner tickets to the awards ceremony!



Questions? Contact Jace Cook: [jcook@gobluteam.com](mailto:jcook@gobluteam.com) 775-353-0253; Candice George: [candice@pettyengineering.com](mailto:candice@pettyengineering.com) 775-359-5777; Brenna Smith: [brenna@bcsnv.com](mailto:brenna@bcsnv.com) 775-826-8998; or Brandon Etchemendy: [Brandon@aspenreno.com](mailto:Brandon@aspenreno.com) 775-826-6061

AN INTERNATIONAL ORGANIZATION

## **PRESIDENT ELECT / PROGRAM CHAIR:**

**Brandon Etchemendy**

Thanks again to Brian Soderholm for his excellent presentation last month!

We look forward to seeing all of you at the dinner this month for our speaker Ken Luther on "Beyond Balancing."

### **April Meeting ~ Thursday, April 15, 2010**

**The meeting will be held at the Austin's Restaurant Cocktails at 6:00, Dinner at 6:30, Speaker from 7 'til 8'ish, Closing around 8:15'ish**

Mr. Luther is a member of ASHRAE where he is active in T.C. 1.9 - Electrical Systems (past chair and currently Standards sub-committee chair), T.C. 6.1 - Hydronic & Steam Heating Equipment & Systems, and T.C. 6.11 - Pumps & Hydronic Piping (formerly chair and Standards sub-committee chair), voting member and former Chair of the Mechanical Sub-committee of SSPC 90.1 - Standards Committee on Energy Efficient Design of New Buildings, ASPE, and ASHE and has spoken at many of their society. He has presented technical papers throughout the world at ASHRAE, NEBB, ISA, and EPRI Annual Meetings and published papers on variable speed pumping in *ASHRAE Journal*, *Maintenance Technology*, *Heating Piping and Air Conditioning*, *Pumps and Systems* and the *Florida Specifier*.

The ASHRAE Board of Directors voted Mr. Luther a Distinguished Lecturer for the years 2000 - 2005. This selective group delivers programs to ASHRAE Chapters, universities, and colleges on leading edge technology in our industry.

Mr. Luther is currently the Sales Director West Region for Griswold Controls, Inc., Irvine, CA. In this position he is responsible for Sales and Technical direction of the sales representatives in the western United States. His expertise is in hydronic system design and applications.

Previous to Griswold Controls, Mr. Luther, a civil engineer, held management positions with ITT Residential and Commercial Water Group (Bell & Gossett) for 24 years, two international variable speed drive manufacturers, and was a consulting engineer for seven years.

#### ASHRAE 2010 SEASON SCHEDULE.

April 15 <sup>th</sup> 2009	Dinner Meeting Austins Ken Luther – Beyond Balancing.
May 13 <sup>th</sup> 2009	BOG. Meeting Location TBD
May 20 <sup>th</sup> 2009	Job Walk @ Belimo 1049 Fortunato Loop Sparks, NV

## **CRC GENERAL COMMITTEE CHAIR:**

**Candice George**

Congratulations to Dan Berger!! He was the recipient of the Northern Nevada ASHRAE Scholarship. Don't forget CRC is at the Peppermill August 26<sup>th</sup> through August 29<sup>th</sup>. We hope to see you all there.

## **RESEARCH AND PROMOTION:**

**Jason Bender**

We are in need of support from Chapter Members (and industry employers) for the 2010 No. Nevada Chapter RP Campaign. Please help support our chapter in its goal of advancing the industry through research by helping the chapter reach our fundraising goals. We need your assistance to help encourage our industry members to contribute to the campaign, which helps our chapter do its part to aid in the ASHRAE efforts. Please send contribution checks written to ASHRAE to my office for consolidations, receipts will be returned and all donors will be recognized at the last meeting of the year.

ASHRAE Research Promotions  
C/O CHC-Reno  
500 Ryland St #120  
Reno NV 89502

I would also like to take this opportunity to congratulate the Chapter officers on leading this important effort through great example and earning our chapter the "Full Circle" award for 2010 by having each of the seated officers donate at least \$100 towards our chapters campaign. Please take an opportunity to thank your officers for their dedication to this noble cause, and take the time to donate and/or ask your employer to donate to our chapters cause.

Jason Bender  
CHC-Reno  
500 Ryland St #120  
Reno, NV 89502  
775-842-3392 Phone  
775-201-8741 Fax

**MEMBERSHIPS PROMOTIONS:**  
**Chun Lee / No update this month.**

**SHOOT CHAIR:**  
**Matt Brennan / No update this month.**

**TREASURERS REPORT:**  
**Chris Little / No update this month.**

**CHAPTER SECRETARY:**  
**Bryan Tilton**

**HISTORIAN:**  
**Dean Borges**



**ASHRAE**

Technology for a Better Environment

**Historical COMMITTEE - No. Nv. Chapter #126, April, 2010**

**Dean S. Borges, Chair (2009-2010), Chapter History for 34<sup>th</sup> Anniversary**

Wednesday, April 07, 2010

## **Newsletter**

### **Today's Thoughts: Election of Officers for Northern Nevada**

The experience of leadership is rewarding in ASHRAE since most of the task are done on a volunteer basis, as it has always been, and is very challenging when you are elected.

Why would the volunteer commit to a position which asks for a lot of time and finances? From my experience it was for the continuing education in the arts and sciences of HVAC&R, training in public speaking, interaction with other engineers in the area and regionally (bi-directionally), etc., that was not made available in the formal educational setting of a University.

As the officers for each year are aware of the task that are expected from the position and the Manual for Chapter Operations give an excellent overview for those positions no one is surprised and can provide a top rate performance as such. Yes "top rate" is the goal and it shows up in the monthly meetings and events when you are the person expected to do a task and your reputation as a leader is established within the community and society. These recognitions have many awards which are issued at the Chapter, Region and Society levels. Northern Nevada Chapter has many PAOE awards on our banners and will continue as such with the election of officers next month.

Allow your name to move forward into the nominations and determine the values of your time and finances in ASHRAE for yourself. I think you'll agree the values are worth the efforts if you have any interest in making a career of HVAC&R apart of your life.

**In Closing:**

I salute those past elected and appointed officers who have served the Chapter and look forward to the future members who want to “take a chance” in the leadership roles. Self-improvement, life long learning, having fun and social interaction is what ASHRAE has to offer. Becoming a part of the ASHRAE Society starts with joining, acquiring your membership privileges, receiving the yearly updates to either Fundamentals, Applications, Systems and Equipment, and Refrigeration hard bound books, monthly Journals, and free webinars. With these choose to improve your knowledge on how this system works to improve your abilities and knowledge in this field by volunteering in one of many ways...at the Chapter, in technical committees, student activities, membership and many other Society positions. Check it out for yourself.

Dean S. Borges, Historian, Northern Nevada Chapter #126

**Mission Statement**

*To advance the arts and sciences of heating,  
ventilating, air conditioning and refrigeration,  
to serve humanity and promote a sustainable world.*

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# ASHRAE Learning Institute Spring 2010 Online Course Series

## 2 WAYS TO REGISTER

**Internet:** [www.ashrae.org/onlinecourses](http://www.ashrae.org/onlinecourses)

**Phone:** Call toll-free at 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

**Note:** You may register up to 24 hours prior to an online seminar. Courses are in US Eastern Standard Time.



**Introduction to Thermal Energy Storage Systems for A/C**  
Wednesday, April 7, 2010 – 1:00 p.m. to 4:00 p.m. EDT

**Using Standard 90.1 to Meet LEED Requirements**  
Monday, April 26, 2010 – 1:00 p.m. to 4:00 p.m. EDT

**Complying with Standard 90.1-2007: HVAC/Mechanical**  
Monday, April 12, 2010 – 1:00 p.m. to 4:00 p.m. EDT

**Introduction to Cleanroom Design**  
Wednesday, April 28, 2010 – 1:00 p.m. to 4:00 p.m. EDT

**Energy Management in New & Existing Buildings: A Sustainable Activity**  
Wednesday, April 14, 2010 – 1:00 p.m. to 4:00 p.m. EDT

**District Cooling & Heating Systems: Central Plants**  
Monday, May 3, 2010 – 1:00 p.m. to 4:00 p.m. EDT

**Complying with Standard 90.1-2007: Envelope/Lighting 2007**  
Monday, April 19, 2010 – 1:00 p.m. to 4:00 p.m. EDT

**Complying with Requirements of ASHRAE Standard 62.1-**  
Wednesday, May 5, 2010 – 1:00 p.m. to 4:00 p.m. EDT



**Understanding & Designing Dedicated Outside Air Systems (DOAS)**  
Monday, May 10, 2010 – 1:00 p.m. to 4:00 p.m. EDT

**A leader in HVAC&R technology, ASHRAE publications cover topics that impact every facet of the environment, both indoors and out.**

### Latest Publications from ASHRAE!

- Standard 189.1-2009, Standard for the Design of High-Performance Green Buildings* (A Jurisdictional Compliance Option of the IGCC)
- ASHRAE Handbook Online* – Web-Based access to all 4 volumes
- ASHRAE Pocket Guide* – Useful information that fits in a shirt pocket
- IAQ Guide: Best Practices for Design, Construction and Commissioning*
- Load Calculation Applications Manual*

### Other Products from ASHRAE!

- Energy Efficiency Guide for Existing Commercial Buildings*
- Dampers and Airflow Control*
- Building Information Modeling Guide*
- Advanced Energy Design Guide for Small Hospitals and Healthcare Facilities*
- Principles of Heating, Ventilating, and Air Conditioning* – Textbook based on the 2009 ASHRAE Handbook - Fundamentals

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