



Technology for a Better Environment.

## Northern Nevada Chapter 126 January Newsletter 2010

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

**Brenna Smith**

Hello to Everyone!! Hope everyone had a wonderful Christmas and New Year's!!! The clock is counting down for CRC; August will be here before we know it!! Please if you haven't donated and would like to, please contact Jace Cook or Candice George!

We're hoping to have a "Student Activities Month" in February we would like to have all students attend!! Please contact our Student Activities Chair, Candice George ([candice@pettyengineering.com](mailto:candice@pettyengineering.com)), for more information.

Our Wine Social on December 4 turned out well!!! Thanks to all the attendees and donators!

Thanks again to all the supporting members and companies, without you, there would be no Northern Nevada ASHRAE.  
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As a reminder, we've made some changes to the website in hopes it's more appealing and user friendly, please provide feedback to us if there is anything you want to see on there or changed! Please select the "feedback" tab on the right hand side of the menu bar.

Look forward to seeing more faces at the dinner meetings! Thanks again and see all of you soon!

Sincerely,

Brenna Smith  
Chapter President 2009-2010  
Northern Nevada Chapter

### **CHAPTER MAY NOT ACT FOR THE SOCIETY**

*American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.*

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A N I N T E R N A T I O N A L O R G A N I Z A T I O N

# CRC COMES TO RENO!

## HELP SUPPORT N. NV ASHRAE CHAPTER!

August 26, 27 and 28, 2010 N. NV ASHRAE Chapter will be hosting our annual Chapter Regional Conference (CRC) This conference is a great way to get your business name out there!! We're requesting help in monetary donations to assist with the expense of this

What will you gain from this?

- Supporting the Local ASHRAE Chapter
- Advertisement of your company.
- Dinner tickets to the awards ceremony!
- Learning what ASHRAE can do for YOU!

Be apart of the conference by donating \$500 or more!! Become a Platinum donator of \$1,500, and you will receive 2 dinner tickets to the awards dinner on Friday; August 27, where you will receive a plaque recognition for your

Donations can be made to:  
N. NV ASHRAE  
PO Box 21195  
Reno, NV 89515



Questions? Contact Jace Cook: [jcook@goblueatteam.com](mailto:jcook@goblueatteam.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

**PRESIDENT ELECT / PROGRAM CHAIR:**

**Brandon Etchemendy**

Thanks again to David Day for his excellent presentation last month!

We look forward to seeing all of you at the dinner meeting next week for our speaker Jeff Deal on "Solar Thermal Technologies."

**January Meeting ~ Thursday, January 21, 2010**

**The meeting will be held at the Austin's Restaurant. Cocktails at 6:00,  
Dinner at 6:30, Speaker from 6:45 'til 7:30'ish, closing around 8'ish**

Jeff Deal is CEO of Hamilton Engineering, Inc., of Livonia, Michigan, manufacturer of Solar Panels and components, high efficiency water heating and hydronic heating products and systems.

Prior to starting Hamilton in 1981, his work was in the field of engineering heat recovery products and systems for process and commercial heating equipment exhaust stacks in a non-condensing mode. Included in a number of these systems was solar assisted hot water.

Throughout the 1980's and early 1990's most of his engineering work was done in the field application of fan-assisted combustion on copper finned appliances in the 85 – 88% efficiency range (so called near condensing at that time). The industry was learning much about actual combustion exhaust dew points and effects of fans on the gas delivery and regulation systems during that period.

In 1995 he began working to apply condensing combustion to products for the North American market. Finding over 20 years of application and production in the European community already in existence, he has spent considerable time since then being educated by and working side by side with the founding fathers of those products, components and technology. In 2001, Hamilton Engineering introduced its first (intentionally) condensing product to the North American market.

With the renaissance of the solar market in the last 5 years and the natural alignment of high efficiency condensing technology and solar technology on the same projects, Jeff and Hamilton Engineering have combined these two companion technologies and provide design assistance and high-quality equipment to help engineers and contractors create high-efficiency solar systems for the US market.

**CRC GENERAL COMMITTEE CHAIR:**

**Candice George**

The Region X CRC will be hosted by our chapter August 26<sup>th</sup>-29<sup>th</sup>, 2010 at the Peppermill Hotel Resort. We encourage all of our members to attend.

We currently have not given out a scholarship. If you know any students who are involved in our industry please encourage them to apply. The students can use the following link to apply, or they can contact me. The completed applications can be emailed to me directly at [candice@pettyengineering.com](mailto:candice@pettyengineering.com).

[http://www.ashrae.org/docLib/20090917\\_scholarshipapp.pdf](http://www.ashrae.org/docLib/20090917_scholarshipapp.pdf)

Candice George

**RESEARCH AND PROMOTION:**

**Jason Bender / No update this month.**

**MEMBERSHIPS PROMOTIONS:**

**Chun Lee / No update this month.**

**TREASURERS REPORT:**

**Chris Little / No update this month.**

**SHOOT CHAIR:**

**Matt Brennan / No update this month.**

**CHAPTER SECRETARY:**

**Bryan Tilton / No update this month.**

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



**Historical COMMITTEE - No. NV. Chapter #126, January, 2010**

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

Friday, January 15, 2010

**Newsletter**

**Today's Thoughts: No.NV. #126 ASHRAE hosted CRC for Region X in 1996!!!**

Looking back at the last time Northern Nevada hosted CRC in 1996 Region X was realigned to include seven "overseas" Chapters: Cairo, Singapore, Hong Kong, Malaysia, Taiwan, India and Saudi Arabia totaling 20 Chapters. As the DRC in 1996-99 at the Regions Council I made the motion to create a Region XIII for the Chapters in the Asian time zone, i.e. Singapore, Malaysia, Hong Kong and Taiwan and the balance of the "overseas" Chapters were continued as an "At-Large" status. Region X then became what it is today totaling 14 Chapters. This year's CRC will be another celebration of the great traditions of members, friends (and yes families). Come join in the fun and help make the traditions carry on in Reno – Just like we did 14 years ago.

**In Closing:**

In some ways, I find the best of my recollections include these many trails I followed in the ASHRAE directions come from the participation in the action at all events. Most ASHRAE members seem to have that quality of a human being that strives to be productive in what needs to be accomplished for a better environment. It's true that becoming involved does not have immediate benefits but more of gaining knowledge from those who really need the correct answers of HVAC&R problems. The upcoming CRC in Reno is THE ideal place to get a sense of what I am trying to report here. A sense of goodwill, understanding and a genuine believe that your participation will benefit you directly and those who you work around. It is hard to explain how that sense will come to you but it does. If you like being around those who have this understanding and how they (probably like you) do not have time to take away from your job to be there will give that time as effectively as they know how to help ASHRAE benefit us all. Go to CRC and feel the real things ASHRAE has to offer and volunteer to help.

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.*