



# ASHRAE

Technology for a Better Environment  
**Northern Nevada Chapter 126**  
May Newsletter 2010

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## **PRESIDENT'S MESSAGE:**

**Brenna Smith**

Greetings to Everyone!!

It has been a great year for ASHRAE and I've been honored to serve the Northern Nevada Chapter as its President. Thanks to all of our continuing supportive patrons and the new faces that join us each month! ☺

Next fiscal year will be exciting as we start out the year with the Chapter Regional Conference! A Huge thanks to Candice George, Jace Cook, and the existing chapter chairs for their help and dedication in assuring CRC will be successful! ☺

Unfortunately, we are still in need of donations for CRC, and August will be here in before we know it!! Thanks to Norman Wright and RHP Mechanical for their donations!!! Contact myself ([brenna@bcsnv.com](mailto:brenna@bcsnv.com)) or Candice George at ([candice@pettyengineering.com](mailto:candice@pettyengineering.com)) regarding donation options. Attached is a flyer breakdown for donation amounts.

This month we will be touring the new Belimo facility, located in Sparks, don't miss out on the incredible warehouse they have and the delicious tri-tip meal we will be serving.

We look forward to seeing everyone at the job walk and thank you again 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 Ken Luther for his excellent presentation last month!

We look forward to seeing all of you this month at the dinner and job walk of the new Belimo Americas distribution center in Sparks.

1049 Fortunato Loop Sparks, NV

**May Meeting ~ Thursday, May 20, 2010**

The meeting will be held at the **Belimo Americas** located at 1049 Fortunato Loop Sparks, NV at 5:30, and walk from 6 'til 7'ish, Closing around 7:15'ish. The new facility is located just before the Spanish Spring Library on Pyramid Highway when you are driving north.

We are thankful to our partners at Belimo Americas for inviting us to tour their new distribution center in Sparks. The building was completed this winter and is in the LEED accreditation submittal process in hopes of achieving LEED Gold status. The tour will be followed by a tri-tip dinner provided to us by The Lake Bar and Grill.

We hope to see you all there!

ASHRAE 2010 SEASON SCHEDULE.

May 13<sup>th</sup> 2009  
May 20<sup>th</sup> 2009

BOG. Meeting Location TBD  
Job Walk @ **Belimo** 1049 Fortunato Loop Sparks, NV

**RESEARCH AND PROMOTION:**

**Jason Bender**

ASHRAE Members, our chapter needs your help!



We still have a chapter goal of \$4500 to be donated to the Research Promotions Campaign. We are down to the last few months of the campaign and we need your immediate help to reach our goal as we have only received \$1270 (Thanks to Petty Engineering for their recent donation!) in donations so far. I'd like to thank those that have contributed, but we need a communal effort to help our chapter do its part to support the research projects that help keep our industry moving forward by improving the technology that shapes the systems that we are all involved with.

Please take a moment to request that your company support our chapter do its part to help the ASHRAE RP Campaign! Let's finish strong and do our part for our ASHRAE community.

Please send checks to my office for collection and processing, or bring the checks to the ASHRAE Meeting!

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

Thanks and please feel free to contact Brenna if you have any questions-

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**

Members Attending: Brenna Smith, Brandon Etchemendy, Chris Little, Bryan Tilton, Candice George & Dean Borges.

Meeting Proceeded at 12:10 p.m., April 8th at Cantina Los Tres Hombres.

Still determining the caterer for the Belimo Job walk on May 20<sup>th</sup>.

All items CRC

- o Who will be printing the banners for CRC (in-house or Nevada Blue, etc.)
- o Certificate of appreciation will need to be printed for the last meeting
- o A notice on newsletter for all contributing sponsors.
- o A reminder will be sent out at a minimum of 6 weeks before the event to all Area X chapters.
- o Hospitality suite located at 1747 Lakeview Room. Possibility of setting up sponsor tables in the bottom floor of this room for a small fee. Price TBD.
- o Spouse outing is to be planned and coordinated with Dean Borges and we are in hopes of getting Jeff Samboy on board to help us out.
- o We are still actively looking for national suppliers' interest in CRC donations in the form of booths and/or banners, etc.
  1. We received a donation for advertisement from Speakman Company. They will be providing signage for the three day event. This donation was in the amount of \$750.

Meeting adjourned at 1:10 p.m.

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



**ASHRAE**

Technology for a Better Environment

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

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

Thursday, May 06, 2010

# Newsletter

## Today's Thoughts: Personal Recall Interview of Larry Felker

Today I'm posting my thoughts regarding our long standing friend of Northern Nevada Chapter Larry Felker from his response to me on a questionnaire and a video interview we made last month just before the monthly meeting as follows:

Born on the south side of Chicago. Moved to Glen Ellyn, IL and graduated from St. Petronille's grade school. Graduated from St. Francis High School. Graduated University of Illinois in 1969.

My father was sales manager for an HVAC distributor in Chicago and introduced me to the business. Inside phone and counter sales. Decided I was incompetent and became an electrician and mechanical contractor.

Learned how coal, oil, and gas burners operated. A conversion to gas was the big issue then. Boilers were more common than forced air. My father was a member of ASHRAE and I joined in 1978. Went to meetings a few years before that and going to the AHR show every 4 years from age 10 on. Same problems existed then as today – lack of maintenance.

In 1991 I started attending national meetings. TC 1.4 (temperature controls) and TC 5.6 (smoke control). The technical innovations from the marketplace drove ASHRAE's focus. ASHRAE did not really lead as much as follow the needs of the industry.

Oil and coal were dominant in the 1950's. Conversion to gas and forced air burners were first. Then the oil "crises" of the 70's gave energy conservation a boost. Efficient equipment became common. Engineers are responsible for knowing a great deal and continued education is absolutely necessary. Resist frivolous concerns. Concentrate on quality. Learn from history. No humorous events took place during my career (Yea, right – DSB). Special interests include - Physics, medicine, shooting, and irritating Michelle Miller.

In Closing:

Larry Felker has authored several books including "Einstein was Right" a mathematical review (his degree is in Math) and co-author (and his son) the only book on "Dampers and Airflow Control," available at [www.ashrae.org/pressroom/detail/17425](http://www.ashrae.org/pressroom/detail/17425) from ASHRAE or any other organization. Larry has fun when speaking to us at the meetings, loves his Irish heritage, family and his country. He refused to join in at our Northern Nevada Chapter annual Sporting Clay Shooting event because "what go to an event with armatures carrying guns?" If there is a definition of a guy who has committed to the life and love of ASHRAE membership Larry's our poster child. Thanks for being a good friend and offering the fellowship you have Larry, we all appreciate your comments to help make us understand.

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

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*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.



### Courses in May

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

**Complying with Requirements of ASHRAE Standard 62.1-2007**  
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



## Standard 189.1 Training

The ASHRAE Learning Institute (ALI) is bringing *Standard 189.1-2009* training to a city near you.

**Understanding Standard 189.1-2009 for High-Performance Green Buildings**  
May 25, 2010 – 1:30pm – 4:30pm, San Francisco, CA

**Understanding Standard 189.1-2009 for High-Performance Green Buildings**  
June 2, 2010 – 1:00pm – 4:00pm, Arlington, TX

**Implementing Standard 189.1-2009 for High-Performance Green Buildings**  
June 10, 2010 – 8:00am – 4:00pm, Atlanta, GA

**Implementing Standard 189.1-2009 for High-Performance Green Buildings**  
June 26, 2010 – 8:00am – 4:00pm, Albuquerque, NM

Visit [www.ashrae.org/189.1courses](http://www.ashrae.org/189.1courses) for more information and to register

## Hot Products from ASHRAE

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 (SI)*

### Other Products from ASHRAE!

- Energy Efficiency Guide for Existing Commercial Buildings*
- Dampers and Airflow Control*
- 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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and  
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Membership



**2010**  
**ASHRAE-REGION X**  
**CRC**  
**Reno, Nevada**

**BUILDING A SUSTAINABLE FUTURE**

**The Peppermill Hotel & Casino**

**RENO, NEVADA**

**August 26-28, 2010**

**YOU'RE INVITED!**

The 2010 ASHRAE Region X Chapters Regional Conference will be held at the luxurious Peppermill Hotel and Casino, located in the midst of Reno, Nevada.

The Chapters Regional Conference (CRC) provides a forum for the open exchange of information pertaining to chapter and regional operations. The conference includes workshops, technical sessions, business meetings and the presentation of regional awards. Join us as the leadership of the chapters of Region X discuss the challenges and successes of running their local chapter.

Make your reservations today to take part in this engaging conference in America's Biggest Little City!



Central Arizona

## SCHEDULE OF EVENTS

Golden Gate

### Day 1—Thursday August 26<sup>th</sup>

Hawaii

The 2010 ASHRAE Region X CRC kicks off in the **Hospitality Suite**, Lakeview 1747, at 12 PM. Meet new friends and catch up with old friends before heading to the Naples 3 room at 1:30 for an engaging **Presentation and Technical Session** entitled “**Geothermal Design and Implementation of Geothermal Practices**,” presented by Executive Facilities Director Mr. Dean Parker and Engineering Director Mr. Jimmie Oaks. This seminar will provide a fundamental understanding of how geothermal solutions work with providing comfort to a large demand facility.

Northern Nevada

Orange Empire

Head back to the Hospitality Suite after the technical session to relax before returning to the Naples 3 room for the **Orientation & Caucus** where our Region DRC, Jack Zarour, will discuss with the delegates and alternates the positions to be filled and recommend that names of potential candidates be submitted for consideration. All visiting officers are invited to attend. **Attendance of delegates and alternates is mandatory.**

Redwood Empire

Sacramento Valley

The day will conclude with our **Welcome Reception Dinner** in Naples 4 and 5!!

San Diego

### Day 2—Friday, August 27<sup>th</sup>

San Joaquin

Day Two begins with the **Round Table Breakfast** in Naples 4 and 5. During this breakfast the Region DRC, Jack Zarour, will finish discussion with the delegates and alternates about the positions to be filled and recommend that names of potential candidates be submitted for consideration. Questions pertaining to a candidate's eligibility or qualifications may be answered by anyone in attendance. All visiting officers are invited to attend. **Attendance of delegates and alternates is mandatory.**

San Jose

Sierra Delta

Following the Round Table Breakfast, the first of two **Business Sessions** will Commence in Naples 3. The Business Sessions are the official meetings of the Chapters Regional Committee. During these meetings each delegate shall give reports on chapter operations. Suggestions concerning society policies and procedures shall also be discussed, as well as any problems concerning chapter operations. This is a great opportunity to share ideas with your counterparts at other chapters to find new ways to improve the operation of your own chapter. **Attendance of delegates and alternates is mandatory.**

Southern California

Southern Nevada

Tri County

Join us at the **Society President's Luncheon** in Naples 4 and 5 as the ASHRAE Senior Visiting Officer, Tom Watson, delivers Lynn Bellenger's ASHRAE Presidential Address.

Tucson

After lunch the finalization of the **Business Sessions** will commence in Naples 3. **Attendance of delegates and alternates is mandatory.**

Western Section

Day Two ends with the **Regional Awards Dinner** in Naples 4 and 5. Join us as Tom Watson presents the ASHRAE Vice Presidential speech and the successes of the chapters are acknowledged and celebrated.

# SCHEDULE of EVENTS

## Day 3—Saturday, August 28<sup>th</sup>

The final day of CRC begins with the **Caucus Breakfast** in Naples 4 and 5 for delegates, alternates, and the Nominating Committee member. During this closed session a member and alternate shall be elected to serve on the Society Nominating Committee. Recommendations for appointments to Society Membership Promotion, Student Activities, Research Promotion, and Chapter Technology Transfer Committees shall also be made. **Attendance of delegates and alternates is mandatory.**

### Morning Workshops

#### Chapter Technology Transfer Workshop

This workshop will cover the efficient and effective transfer of current and relevant information throughout the HVAC&R industry to and from chapters.

#### Membership Promotion

This workshop will cover how to promote ASHRAE membership, how to deal with new members, and how to get existing members involved in their chapter.

#### Student Activities

This workshop will discuss ways to reach out and develop the future of ASHRAE through student branches.

#### Chapter Finance

This workshop covers the responsibilities of chapter officers, and the importance of audits and tax returns.

#### Chapter Communications

This workshop will cover the importance of maintaining the chapter website, newsletters, and email lists.

#### Historian

This workshop will cover the role of the chapter historian in recording and recognizing the accomplishments of the chapters and their members.

#### Research Promotions

This workshop will discuss ways to reach out to members to raise funds to support ASHRAE's research program.



The 2010 ASHRAE Region X Planning Committee would like to thank the following sponsors, who have stepped up to help keep the costs of this year's conference as low as possible. Sponsorship opportunities are still available. If you, or someone you know, are interested in helping, while also improving your visibility during the conference, please contact Candice George at [candice@pettyengineer.com](mailto:candice@pettyengineer.com)

### Current Sponsors:

- Norman Wright
- RHP Mechanical
- 
-

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**2010**  
**ASHRAE-REGION X**  
**CRC**  
*Reno, Nevada*

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**Things to do in Reno:**

**Attractions**

The Legends at Sparks Marina  
Wild Island  
Century Theatres  
Cabelas  
Lake Tahoe  
Virginia City  
Fleischmann Planetarium

**Parks**

Idewild  
Rancho San Rafael

**Casinos**

Atlantis Casino  
Boomtown Casino  
Circus Circus Casino  
Eldorado Casino  
Grand Sierra Resort  
Silver Legacy Casino

**Museums**

National Auto Museum  
Museum of Contemporary Art

**Shopping**

Summit Sierra Mall  
Meadowood Mall  
The Legends at Sparks Marina

**Golf**

Rosewood Lakes  
Washoe Golf  
RedHawk

For more ideas, visit [www.reno.com](http://www.reno.com)

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## SCHEDULE of EVENTS

### Day 3—Saturday, August 29th (continued)

Immediately following the morning workshops boxed lunches will be served in Naples 4 and 5. Feel free to eat your lunch there or take it with you to Naples 3 where the Region DRC, Jack Zarour, will be conducting the **Chapter Operations Workshop**. *Attendance of delegates and alternates is mandatory.*

As the workshops come to a close, the delegates and alternates will reconvene for the **CRC Debriefing** in Naples 3 to review the conference and plan for the 2011 CRC.

### Accommodations

A limited number of rooms have been reserved at the Peppermill Hotel and Casino in Reno. For hotel reservations contact the Peppermill Hotel and Casino at 866-821-9996 or at [www.peppermillreno.com](http://www.peppermillreno.com). The group code is **CWNVMS**. Additionally, ASHRAE Members wishing to use Expedia type reservations systems could affect our guest room commitments, so please identify yourself to the Hotel upon checking in that you are with the ASHRAE CRC. Hotel reservations are made on an individual basis, and the *group promotional rate expires July 27th, 2010.*



In a style that reflects Reno's casual yet contemporary culture, The Peppermill is the ideal venue for you to restore the body, the mind, and elevate the spirit. Offering guests an Italian retreat, the hotel is located conveniently from shopping, movie theatres, the airport & the mall.

The hotel's 1600 guest rooms and suites are specifically designed to meet your business and leisure travel needs. From the ambiance of our lobby and meeting space to the tranquility of your guest room, our staff is committed to providing a place where you can relax, renew, and energize yourself.

# ASHRAE Region X 2010 Chapter's Regional Conference Reno, NV August 26, 27, 28 2010

## August 26-Thursday

Event	Time	Location
Registration Desk/ Hospitality Room	12:00 pm to 7:30 pm	Lakeview 1747
Technical Seminar	1:30 pm to 4:30 pm	Naples 3
<b>Orientation &amp; Caucus Delegate/Alternate Mandatory</b>	<b>5:00 pm to 6:30 pm</b>	<b>Naples 3</b>
Welcome Dinner	6:30 pm to 9:30	Naples 4 & 5

## August 27-Friday

Event	Time	Location
Registration Desk/Hospitality Room	6:30 am to 6:30 pm	Lakeview 1747
<b>Exec/Round table breakfast Delegate/Alternate Mandatory Business Meeting I</b>	<b>7:00 am to 8:00 am</b>	<b>Naples 4 &amp; 5</b>
<b>Delegate/Alternate Mandatory Lunch</b>	<b>8:15 am to 12:15 pm 12:30 pm to 1:30 pm</b>	<b>Naples 3 Naples 4 &amp; 5</b>
<b>Business Meeting II Delegate/Alternate Mandatory</b>	<b>1:45 pm to 5:00 pm</b>	<b>Naples 3</b>
Awards Dinner	6:30 pm to 9:30 pm	Naples 4 & 5

## August 28-Saturday

Event	Time	Location
Registration Desk/Hospitality Suite	8:00 am to 1:30 pm	Lakeview 1747
<b>Caucus Breakfast Delegate/Alternate Mandatory</b>	<b>6:30 am to 8:30 am</b>	<b>Naples 4 &amp; 5</b>
Workshop- Chapter Finance	8:45 am to 10:15 am	Roma 1
Workshop - CTTC	8:45 am to 12:00 pm	Roma 2
Workshop - Membership Promotions	8:45 am to 10:15 pm	Sorrento 1
Workshop - Student Activities	8:45 am to 10:45 am	Sorrento 2
Workshop- Research Promotions	10:30 am to 11:30 am	Sorrento 1
Workshop – Historian	10:30 am to 12:00 pm	Roma 1
Workshop - Communications	11:00 am to 12:00 pm	Sorrento 2
Lunch	12:00 pm to 1:00 pm	Naples 4 & 5
<b>Chapter Operations Workshop Delegate/Alternate Mandatory CRC Debriefing Mandatory Delegate/Alternate Mandatory</b>	<b>1:30 pm to 4:30 pm 5:00 pm to 6:00 pm</b>	<b>Naples 3 Naples 3</b>