

**PRESIDENT CHAIR:**  
**Dave Wyllie**

Welcome to the new ASHRAE year! Thank you to our outgoing President Jason Bender and all the Board for stepping up this past year to deal with some challenges we had in board staffing. Our Board this year includes Matt Brennan as President-Elect, Chun Lee as Secretary, and Sandor Duran as Secretary. Chun and Sandor are also pulling double duty, Chun is continuing as the Membership Promotion Chair and Sandor is continuing as Research Promotion Chair.

We have a great set of speakers for our meetings this year, as well as our special events coming up, including the Winetasting Event in December and the Sporting Clays Shoot in April. We will again be doing our October meeting as a lunch meeting, plus possibly one more in the spring. We just had our 3<sup>rd</sup> Annual Golf Tournament, which was very successful despite a surprisingly windy morning. Thank you to all those who participated, as well as those who provided Hole and other sponsorships. Thanks also to Bryan Tilton for organizing this great event.

ASHRAE offers some great opportunities to get involved, that provide opportunities to network with key industry contracts and great travel. As I mentioned above, two of our Board Members are serving in two positions, so I'd like to encourage you all to consider getting involved in the Chapter operations. Matt and I recently attended the Chapter Regional Conference, held in Honolulu, it was a great experience despite the hurricanes that were cruising through the area during the conference. Among the many cool things at the conference we got to meet both the outgoing and incoming Society Presidents.

Look forward to seeing you on the 18<sup>th</sup> at Pinocchio's, and to a great year ahead.

Sincerely,  
Dave Wyllie

2014-15 Northern Nevada ASHRAE Chapter President



**TREASURER (SPECIAL GOLF EDITION)**  
**CHUN LEE, PE**

Words cannot express how grateful we are for the great turnout we had for the golf tournament on August 22, 2014. 54 golfers brave the wind and the occasional errant ball to show up for this great fund raiser. First I would like to thank Clarissa and Denyse from Norman S. Wright for coming out and helping us sell raffle tickets. Second, I would like to thank Michael Lotspeich, Bryan Tilton, and Jason Bender for their effort they have put in to this great event. Third I would like to thank my fellow BOG members, Matt Brennan, Dave Wyllie, and Sandor Duran for their hard work into this as well. Last but not least I would like to thank the following companies:

- RHP
- Greenheck
- Raglen System Balance
- Ruskin
- Acutherm
- Norman S. Wright
- Price Industries
- Siglers
- EEI

- Victaulic
- California Hydronics (the refreshments were very well appreciated)
- Southland Industries
- Belimo
- BCS
- Gardner Engineering
- RF MacDonald
- Applied Mechanical
- WN Mechanical
- Western Nevada Supply
- Lochinvar
- Taco
- Aaon
- Precision Environmental
- Control Installation Specialist
- DMG – Reno
- Pacific West Energy Solutions
- CR Engineering
- Airtech Sales



**PRESIDENT ELECT / PROGRAMS CHAIR:**  
**MATT BRENNAN**

**1<sup>st</sup> Meeting**

**September 2014 Meeting ~ Thursday, September 18<sup>th</sup>, 2014**

The meeting will be held at the Pinocchio's Bar and Grill  
 Cocktails at 5:30, Dinner at 6:00

**Pinocchio's Bar and Grill**  
**5995 S. Virginia St. Reno, NV 89502**  
**(775) 826-5151**

**Speaker:**

GUS FARIS

**Topic:**

**ECM Applications and Complying with 90.1 – 2013 motor requirements.**



**Bio:**

Gus Faris has over 40 years of experience in the air conditioning and air distribution business. He is Vice President, Engineering of Nailor Industries, Inc. with direct responsibility for product design and development, quality assurance, field service and IT. Mr. Faris is chair of AHRI Air Control and Distribution Devices section and AHRI Air Heating and Cooling Transfer Products section, and he serves on subcommittees 880 and 885 as well as AHRI Room Fan Coil subcommittee. He is also past Secretary of ASHRAE SPC 130 and TC 5.3 (Air Distribution), past Chairman of ASHRAE TC 5.3 (Room Air Distribution) and RP 1292, current member of TC 5.3 and voting member TC 7.7 (Test and Balance).

I look forward to seeing you all at Pinocchio's for dinner!

**MEETING SCHEDULE:**

**2014-2015 Speakers for the Northern Nevada ASHRAE Chapter Meetings**

Date	Speaker	Company-Organization	Topic
September 18 <sup>th</sup> , 2014	Gus Faris	Nailor Industries	ECM Applications and complying with 90.1-2013 motor requirements
October 16 <sup>th</sup> , 2014 (Lunch Meeting)	Alan Niles	Water Furnace	Design and Economics of Commercial Ground Loop Heat Pump Systems
November 20 <sup>th</sup> , 2014	Arthur Lu PE	Durkee America, Inc.	Fabric Duct Systems "Why Fabric"
January 15 <sup>th</sup> , 2015*	Aran Winn LEED AP	LG Electronics USA Inc.	VRF Systems with Heat Recovery
February 19 <sup>th</sup> , 2015*	Jim McKillip	Desert Aire	Changes in IAQ in Natatoriums
March 19 <sup>th</sup> , 2015* #			
April 16 <sup>th</sup> , 2015* #			
May 21st, 2015	Brent Davis	Pro Hydronic Specialties	Hydronic flow balancing and advantages of automatic flow limiting in variable speed systems

\*One of these dates may be a lunch meeting.  
#One of these dates may be our job walk/technical tour.

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**TREASURER**  
**CHUN LEE, PE**

Our golf tournament was a great success. As of right now, we made over \$2,500 from the tournament with a few more checks yet to come in. Thanks to all of you for your continued support, it makes our jobs a lot easier.

We do have a few major expenses coming up. We are awaiting for TMCC go back into regular session to see how much is left to fulfill the Northern Nevada ASHRAE scholarship. We are also looking at giving out a minimum of two scholarships to local engineering students. So if you have any mechanical engineering students working for you or know of one, have them contact a member of the BOG to get them set up for it.

I look forward to a great year as your treasurer. I also look forward in continuing the tradition that Jason Bender started last year in using our organization to help out our local community.

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**SECRETARY:**  
**Sandor Duran P.E., CEM**

July 2014 Board of Governor's Meeting Minutes  
Attendance: Chun Lee PE, Sandor Duran PE, Matt Brennan, Dave Wylie PE,  
- Golf Tournament coordination was discussed  
- Schedule of Newsletter Release and possibility of adding ads  
- Speaker Schedule complete  
- Decision to make Oct meeting a lunch meeting  
- Developing digital files on drop Box / MailChimp

August 2014 Board of Governor's Meeting Minutes  
Attendance: Chun Lee PE, Sandor Duran PE, Matt Brennan, Dave Wylie PE, Bryan Tilton PE,  
- Golf Tournament final coordination was discussed  
- Completely funding TMCC Scholarship  
- Chun has acquired the Chapter Checkbook  
- David and Matt discussed various topics from CRC and the Hurricane  
- RP campaign, full Circle, and RP promotions night in November

Thank you,

Sandor Duran, P.E., CEM

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**MEMBERSHIP PROMOTIONS CHAIR**  
**CHUN LEE, PE**

It's hard to believe that another year has passed by so quickly. Please be sure to buy Jason Bender a hard Shirley Temple for the great work he's done this past year, following the big running footsteps of our previous president wasn't easy.

Enough of the past, let's get on with the new year. Matt Brennan has been diligently working on this upcoming year's speakers and topics for the past six months. The lineup that he is got is pretty much an all-star lineup of speakers, so please be sure to set aside the third Thursday of every month and attend these meetings.

I would like to thank everyone that came out to help support our golf tournament this year, despite the howling winds. Once again Bryan Tilton and Jason Bender put on an excellent tournament.

Also let's not forget to spread the word about this great organization. Have anyone new in the industry register for a membership.

One last thing, I received an email from Mr. Scott Ashby, one of our scholarship recipients last year. This is what he said:

\*ASHRAE: Northern Nevada Chapter,

I am pleased to say that my schooling is going very well. I recently complete my junior design project where my team designed and built an automatic shifting bicycle. I have done well in my classes while working part time for CR Engineering. Thanks to the help I received from ASHRAE, I have been able to pay for my schooling. My wife and I were pleased to found out that we will be having a baby girl in September. Luckily, I will only have one semester left in my undergraduate. Thank you for the support that I received." If that doesn't make you want to renew your membership or sign up for one, you have no soul!!



**RESEARCH AND PROMOTION CHAIR:**  
**Sandor Duran P.E., CEM**

**ASHRAE Members-**

Let's start the 2014/2015 research promotion campaign by saying thank you to everyone that made the 2013/2014 campaign a very successful one by reaching our goal of \$5,000. I'm assuming we have a Chapter goal of around \$5,000 for the 2014/2015 Research Promotions Campaign. I'd like to thank those that have contributed in the past, but we will need everyone's help to reach our goal for this year. Please start thinking about what you can do as an individual to help our chapter do its part to support the research projects that help keep our industry moving forward by improving technology.

Please at a minimum take some time to request that your company support our chapter with a donation to the ASHRAE RP Campaign!  
To make a contribution online please visit the following website:

<https://xp20.ashrae.org/secure/researchpromotion/rp.html>

Please bring donation to a meeting and give it to me there! You will receive receipt that can be used for tax-deduction purposes.

If you would like to see more information on how ASHRAE uses our donations you can visit <http://ashraerp.com/research.html> and you will see that this world-wide effort also supports numerous projects within our region totaling over \$1.4 million. This is a great cause that benefits us all and I hope that everyone will continue to help our chapter support it. If you know a specific research project you would like your money to go to, your donation can be bookmarked to that project.

With your help we can make the Research Promotions 2014/15 campaign more successful than the 2013/14 campaign.

Bonus: Ashrae Power Point Presentation on Net Zero Buildings:

<http://www.ashraerp.com/files/ASHRAENZEBpresentation.ppt>

Thank you,

Sandor Duran, P.E., CEM

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## ASHRAE ARTICLE

### Leading Building Industry Groups Agree To Streamline Green Building Tool Coordination And Development

Aug. 21, 2014

Contact: Jodi Scott

Public Relations

678-539-1140

[jscott@ashrae.org](mailto:jscott@ashrae.org)

*Move will coordinate Standard 189.1, the International Green Construction Code and LEED to offer comprehensive system of regulatory and voluntary leadership tools for jurisdictions*

ATLANTA – ASHRAE, the International Code Council (ICC), the American Institute of Architects (AIA), the Illuminating Engineering Society of North America (IES) and the U.S. Green Building Council (USGBC) announce the signing of a memorandum to collaborate on the development of Standard 189.1, the *International Green Construction Code* (IgCC) and the LEED green building program.

The unprecedented cooperation aims to create a comprehensive framework for jurisdictions looking to implement and adopt green building regulations and codes and/or provide incentives for voluntary leadership programs such as LEED.

The agreement outlines the development, maintenance and implementation of new versions of ANSI/ASHRAE/IES/USGBC Standard 189.1, *Standard for the Design of High-Performance, Green Buildings Except Low-Rise Residential Buildings*, and the IgCC, which will be combined into one regulatory tool. This agreement also endeavors to align the LEED program with the new code to ensure a streamlined, effective set of regulatory and above-code options for jurisdictions across the country.

"Architects have become the leaders in employing green building techniques, and

the IgCC, a valuable regulatory tool, provides support leading to the creation of a sustainable, resilient built environment," said AIA CEO Robert Ivy, FAIA. "This agreement, which underscores the AIA's dedication to sustainable design and construction, should lead to more rapid adoption of responsible approaches by designers, builders, developers and a host of other building industry groups."

"ASHRAE see this as a move forward in green building, reducing fragmentation of compliance documents for users who are pressing toward a more sustainable environment," ASHRAE President Tom Phoenix said.

"Working collaboratively with our industry partners is producing real results that will help improve building performance, streamline regulation, reduce cost and allow us to focus our resources on goals we have in common" said Dominic Sims, CBO, ICC CEO. "This agreement continues the partnership we began in 2012 and assures that our Members and partners have a meaningful role in shaping the future of the built environment."

"The Illuminating Engineering Society of North America is pleased to partner with the other organizations in this important collaborative effort in the development of a new standard and green code for the design and construction industry," said Rita Harrold, IES Director of Technology. "IES members will benefit from this alignment of both regulatory and voluntary tools, and we look forward to participating in delivering technical provisions for code intended adoption."

"This landmark agreement will leverage the unique strengths of each of the five partner organizations to deliver a coordinated, integrated suite of green building tools. An ANSI standard as the basis of a regulatory code to push the market and a rating system to pull the market higher" said Brendan Owens, Vice President, LEED, and U.S. Green Building Council. "We are collectively dedicated to advancing green building practices and to advancing the broader industry's understanding about the importance of green building goals and how to achieve them."

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#### **About the International Code Council**

The [International Code Council](#) is a member-focused association. It is dedicated to developing model codes and standards used in the design, build and compliance process to construct safe, sustainable, affordable and resilient structures. Most U.S. communities and many global markets [choose the International Codes](#). The International Codes, or I-Codes, published by ICC, provide minimum safeguards for people at home, at school and in the workplace. The I-Codes are a complete set of comprehensive, coordinated building safety and fire prevention codes. Building codes benefit public safety and support the industry's need for one set of codes without regional limitations.

#### **About The American Institute of Architects**

Founded in 1857, members of the American Institute of Architects consistently work to create more valuable, healthy, secure, and sustainable buildings, neighborhoods, and communities. Through nearly 300 state and local chapters, the AIA advocates for public policies that promote economic vitality and public wellbeing. Members adhere to a code of ethics and conduct to ensure the highest professional standards. The AIA provides members with tools and resources to assist them in their careers and business as well as engaging civic and government leaders, and the public to find solutions to pressing issues facing our communities, institutions, nation and world. Visit [www.aia.org](http://www.aia.org).

#### **About ASHRAE**

ASHRAE, founded in 1894, is a global society advancing human well-being through sustainable technology for the built environment. The Society and its more than 50,000 members worldwide focus on building systems, energy efficiency, indoor air quality, refrigeration and sustainability. Through research, standards writing, publishing, certification and continuing education, ASHRAE shapes tomorrow's built environment today. More information can be found at [www.ashrae.org/news](http://www.ashrae.org/news).

#### **About The Illuminating Engineering Society of North America**

The Illuminating Engineering Society of North America (IES) is the recognized technical authority on illumination. For over 100 years; its objective has been to communicate information on all aspects of good lighting practice to its members, to the lighting community, and to consumers, through a variety of programs, publications, and services.

#### **About the U.S. Green Building Council**

The U.S. Green Building Council (USGBC) is a non-profit that is committed to a prosperous and sustainable future through cost-efficient and energy-saving green buildings. USGBC works toward its mission of market transformation through its LEED green building program, robust educational offerings, a nationwide network of chapters and affiliates, the annual Greenbuild International Conference & Expo, the Center for Green Schools, and advocacy in support of public policy that encourages and enables green buildings and communities. For more information, visit [usgbc.org](http://usgbc.org), explore the Green Building Information Gateway (GBIG) and connect on Twitter, Facebook and LinkedIn.

#### **Our mailing address is:**

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