

Kellie Huff

From: Larry Hodgins <Larry=LJHpe.com@mail226.atl121.mcsv.net> on behalf of Larry Hodgins <Larry@LJHpe.com>
Sent: Wednesday, October 01, 2014 6:46 AM
To: Kellie Huff
Subject: Central Arizona Chapter ASHRAE -- Newsletter October 2014 (1st ed.)

Open Newsletter in Browser

October 2014
(First Edition)

Dust Devil



This newsletter describes the activities of ASHRAE Central Arizona Chapter 086

It does not present official positions of the Society nor reflect Society policy

ASHRAE chapters may not act for the Society and the information presented here has not had Society review

www.ashrae.org



President's Message

by Colin Laisure-Pool, PE

I'd like to thank all of you who made it to our first meeting last month. It was an exciting and engaging topic that I hope all of you enjoyed as much as I did. As we continue to roll along with the 2014/2015 year, I'd just like to issue a quick reminder on

October **Meeting!**

Phoenix City
Planning -- A
New Outlook'
with [Eric](#)
[Johnson](#)

Dinner Meeting
October 14th
5:30pm

[Radisson Hotel](#)

427 N 44th
Street
Phoenix
AZ 85008

[Click here](#)
to RSVP!

in ***November...***

'I-10 Trap Shoot
Classic'
with Shot Guns

Daytime
Shooting
November 15
1:30pm to
4:30pm

a few important items:

Meeting RSVPs: Please let us know as soon as possible whether or not you'll be attending a meeting. We want to make sure we provide enough food and seats for everyone, so our e-mail invites, as well as the flyer online, have links to both RSVP and pay online via PayPal. Doing this at least one week prior to the meeting ensures that we can best serve you, guests and new members you may bring.

YEA Event: We have an upcoming YEA (Young Engineers in ASHRAE) event will be held on October 23rd at 5:15 at Top Golf in Scottsdale. Please e-mail Austin Condon (austinc@nswhvcaz.com) for details. We are in need of sponsorships for this event, as well, so please let us know if you or one of your firms would like some advertising at this event in exchange for a sponsorship!

SMART Competition: The first assignment release for the SMART competition
(<http://www.smartcompetition.org/>)

[Casa Grande
Trap + Skeet](#)

[Additional
Information...](#)

Important Links

Chapter's Leadership

- [Officers, Board Members
and Committee Heads](#)

Newsletter PDF

- [to download](#)

Research Promotion

- [to contribute](#)
- [Honor Role contributors](#)

Membership

- [to join](#)
- [to advance to Member](#)

Calendar

- [to download](#)
(09/18/2014)
(prior 09/03/2014)

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Ads from ASHRAE

ASHRAE Learning Institute -- 09/2014

- [to download and Learn](#)

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News from ASHRAE -

occurs November 3rd. Please let us know if you are available for mentoring or other assistance for these students as the competition moves forward.

I look forward to seeing you all at our October meeting on Phoenix City Planning! Take care.

Regards,
- Colin



Article One of Four

GPRO, About Me, News and Find Tune'ing'

by Elyse Cocco, PE -- Sustainability Chair

September's Headlines

ASHRAE Provides Assistance to Future Engineers Through Scholarships

ASHRAE in the House: Society Explores Path toward Involvement in Residential

ASHRAE/IES Propose Adding Verification Requirements to Energy Standard

ASHRAE Proposes Alternate Compliance Path for Existing Buildings in IAQ Standard

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Notices for Product Shows, Seminars, etc.

Dan O'Neill presents "The Circular Economy" at EAW 2014 in Phoenix - [to download and RSVP](#)

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Competitions Requesting Volunteers and Sponsors

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www.futurecityarizona.org

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www.smartcompetition.org

Greetings fellow ASHRAE members. My name is Elyse Cocco, and I've been given the privilege of serving as our chapter's Sustainability Chair this year.

This role is not as rigidly defined as most of the other Board of Governor's roles. Thus, I request a little help from my friends, our chapter members, for ideas, guidance, requests, and needs. This role can be whatever we, as a chapter, let it be.

Shawn Masterson has already provided a great resource by connecting me with Ellen Honigstock of the Urban Green Council of the USGBC New York. Ellen shared with me the UGC's Green Professional Building Skills Training program called GPRO.

GPRO is a comprehensive national training and certificate program that teaches people who build, renovate, and maintain buildings the principles of sustainability combined with trade-specific green construction knowledge.

The courses available include Fundamentals of Building Green, Construction Management, Operations and Maintenance Essentials, Electrical

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October 2014
Larry Hodgins, PE
Newsletter Editor

Please share your comments and questions with me using email, telephone, or in-person.

We are likely to cross paths during the work day, at a chapter event, or as you find yourself in Surprise.

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Systems, Plumbing, and HVACR.

One key benefit to this program is achievement of LEED v4 pilot credit Green Training for contractors, trades, operators, and service workers.

Please feel free to share your thoughts on a program like this with me. If you'd like more information about the certification program, visit www.gpro.org.

Here is some of my background, from me to you. In 2006, I graduated from Ohio Northern University (ever heard of it?) with a BSME degree. Shortly after, I began working a hard day's night for WD Partners, a medium size A/E firm in Columbus, Ohio focusing on program work. In 2010, I passed the PE and started thinking about a move to sunny, beautiful Arizona. In 2012, I joined the Phoenix team at Henderson Engineers, Inc. and have been enjoying life in the valley ever since. At Henderson, I've focused largely on commercial projects in higher education, office, and multi-use buildings.

Aside from an introduction, I'd like to share with you some news from the industry that I heard about yesterday.

Ever notice that when it comes to

sustainability, there are multiple standards, codes, and rating systems to choose from with different requirements? While some jurisdictions are going the way of LEED, still others are enforcing IgCC, or perhaps ASHRAE 189. Well times they are a'changing, because these entities will soon come together.

The USGBC, ICC, AIA, IES, and ASHRAE are joining forces across the universe to streamline their sustainability efforts. Here's what to expect:

- An updated version of ASHRAE 189.1 (full name: ANSI/ASHRAE/IES/USGBC Standard 189.1, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings) will provide baseline metrics and other technical requirements that align with LEED prerequisites and the IgCC. The standard will likely draw some technical requirements from LEED, but it will maintain its own consensus process under ANSI.
- The IgCC ([for which 189.1 is already an alternative compliance path](#)) will cease being developed

as an independent system and will instead become an adoptable, code-enforceable version of 189.1.

- LEED, while remaining a voluntary rating system, will interface with the new code in two ways: IgCC will serve as an alternative system of prerequisites to carry that weight for LEED, making it easier for project teams to move from the baseline green code toward LEED certification; and selected LEED requirements will likely be cycled back into 189.1 as new versions of each are developed and approved. LEED credits will still be developed independently, but certification will readily serve as a stretch goal for projects in jurisdictions where the IgCC has been adopted. We can work it out with options like these.

The aim of the integration is to provide a greater number of green buildings without duplicating efforts in documentation. The new agreement will likely take place in 2017, so stay tuned!

That's the hello, goodbye from your new sustainability chair. Help! Please feel free to email me eight days a week with feedback and ideas.

Notice anything musical about this article? (hint: there are at least 13 of them). Tell me why at elyse.cocco@hei-eng.com.

Sources: <http://gpro.org>,
<http://www2.buildinggreen.com/article/one-standard-rule-them-all-leed-igcc-1891-be-parts-single-system>

Article Two of Four

ASHRAE Membership - The Grades

The following is an excerpt from *ASHRAE Bylaws 2012*:

"Section 2.1 Grades of Membership.

These shall be designated as follows: (A) Honorary Member, (B) Presidential Member, (C) Fellow, (D) Life Member, (E) Life Associate Member, (F) Member, (G) Associate Member, (H) Affiliate Member, and (I) Student Member."

For our chapter's Associate Members (check your membership card), there is a clear path to Member.

"A Member shall have the equivalent of twelve Society-approved years of

experience composed of an approved combination of (a) completed education beyond high school, (b) work experience, and (c) professional engineering or related professional registration or license issued by a legally authorized body."

There is a link on this newsletter's left-hand column taking you to ASHRAE's form for membership advancement.

Article Three of Four

YEA - Young Engineers in ASHRAE

From the *Young Engineers in ASHRAE publication*, YEA purpose is...

"To ensure the future of the Society and the industry, ASHRAE is committed to advancing its programs and services for young members through helping them build their professional foundations. With this in mind, ASHRAE created a committee called Young Engineers in ASHRAE (YEA), for members age 35 and younger!"

The entire brochure is available [here](#).

Article Four of Four

ASHRAE's 2014 Fall Online Courses

Learn from your desktop with “real time” instructor-led courses from the ASHRAE Learning Institute Earn Continuing Education Credits.

The following is the current list of courses:

- [Commissioning for High-Performance Buildings](#)
- [Building Demand Response & the Coming Smart Grid](#)
- [Combined Heat & Power: Creating Efficiency through Design & Operations](#)
- [District Cooling & Heating Systems: Central Plants](#)
- [Maximizing Customer Benefits Using Key Electric Utility Products](#)
- [Energy Efficiency in Data Centers](#)
- [Healthcare Facilities: Best Practices for Design & Applications](#)
- [Design of Commercial Ground Source Heat Pumps](#)
- [Exceeding Standard 90.1-2013 to Meet LEED® Requirements](#)

For additional information including registration, discounts and multiple participants, click [here](#).

End of Articles

If there is content you would like to contribute to a future newsletter, please [contact me](#).

Your comments and questions are always welcome.

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