

ASHRAE BLUEPRINT

September 2016

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John Schwartz

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Open

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Mike Thompson

Research Promotion
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Newsletter
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Jeremy Eitrem

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Ryan Jervik



PRESIDENT'S MESSAGE

John Schwartz

**Chapter Meeting: Wednesday September 7th @
The Country Club of Sioux Falls
Social 11:45, Lunch 12:00, Program 12:30-1:15**

**RSVP at our Chapter homepage (www.sdashrae.org) no later than Noon on Friday,
September 2nd. <http://sdashrae.org/meetinginfo.php>.**

Chapter Members and Guests,

Welcome to another year of ASHRAE! As in the past years our goal is to continue building on our Chapter's strong history. We are working on finalizing our programs for the year and will be trying to provide a variety of topics that will be educational and related to our industry. As in past years we are providing a mix of lunch and evening meetings to try and make it as accommodating as possible for everyone to attend.

Stuart Oster and I attended the annual CRC in Omaha, NE in early August. As usual it was an excellent conference despite having a tornado just outside our door. Our Chapter received Premier, High Honor Roll and Star Chapter Awards along with a Special Citation again this year. The Premier Chapter Award is one that sets us apart from the other chapters in the region as we are one of only two chapters that have received the award since the inception of the PAOE system and the chapter. Great job everyone involved with the Chairs & Board of Governors (BOG) last year! Once again this year's challenge is to generate more involvement from young engineers in our community. I hope all members will encourage new employees, co-workers and even clients to get involved with ASHRAE.

We have two Members at Large positions to fill this year. This is an excellent way to get involved with the chapter and see how things work with a minimal amount of time investment during the first several years. If you are interested, please contact me or any of the BOG members. I would request that past presidents encourage the people in their companies to consider joining the BOG.

With the success of our website over the past couple of years, one of my goals is to provide more access to our history as a Chapter including the by-laws through the website. I believe we can continually grow this media so it remains a great resource of information.

Please note that not all the meetings are on the normal first Wednesday of the month and which ones are lunch & evening times. Also, for convenience if you go to our Chapter webpage (<http://sdashrae.org>) under the Events tab you can select future meetings and select the Read More icon for each to have the option to add the meeting to your calendar.

I look forward to seeing you at The Country Club!

-John

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Chapter Opportunity Fund John Schwartz

Chapter Opportunity Fund – Part of President Tim Wentz’s theme includes spending \$140,000 for a Chapter Opportunity Fund. That has been split out to \$9,750 for Region IX (our region) for the local board of directors to decide to utilize however they see fit. Tim also wants action. He wants the money to flow quickly to the chapters so that it can be put to good use. He wants to use examples at the Winter Meeting in Las Vegas and he would appreciate having an example from Region IX.

The purpose of the Chapter Opportunity Fund is to energize chapters and their membership by funding, in whole or in part, a unique initiative that:

- Benefits the community in a visible fashion by utilizing ASHRAE technology
- Provides a struggling chapter with a new focus that draws community attention to ASHRAE
- Allows an emerging chapter to reach a higher level of volunteerism within the chapter that generates community interest/recognition in ASHRAE
- Creates an opportunity for a great chapter to reach new heights in a way that generates community interest/recognition in ASHRAE

Please email John Schwartz your ideas or proposals. We need to have our submission(s) in by September 15th. JSchwartz@climatesystemsinc.com

CTTC Justin Almond

Bio

Jason Camarato is a Senior Applications Specialist with Greenheck Fan Corporation. As an applications specialist he has been responsible for providing training on Greenheck products, assisting in new product development, and providing support to the field on application and product questions. He spent 5 years in Greenheck’s fan division helping to develop both the Vari-Green motor technology and Greenheck’s motor starter offering and 3 years in the kitchen division helping to develop pollution control technology and providing technical assistance on kitchen ventilation systems.

Presentation Overview – “Good Kitchen Design Principles”

Based on good kitchen design principles, this presentation will focus on products and concepts that promote energy efficient kitchen ventilation design. The value of demand controlled ventilation (variable volume) systems and strategies regarding the application and selection of the right system configuration for various applications will be discussed. Other topics include payback analysis, the integration with building management systems, and electronically commutated (EC) motors.

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The 2016-2017 South Dakota Chapter ASHRAE Line-up:

Sept 7	Noon	Jason Camarato, Greenheck <i>"Good Kitchen Design Principles"</i>
Oct 5	Noon	Alan Niles, Waterfurnace International (Distinguished Lecturer) <i>"Net-Energy Water Loops: a clear path to Net Zero Energy Buildings"</i>
TBD	ASHRAE Shootout	Hunter's Pointe, Humboldt, SD. Sporting Clays.
Nov 9	Evening	Tentative Distinguished Lecturer Student Night
Dec 7	Noon	TBD
Jan 11	Noon	TBD
TBD	Valentines Event	Olde Towne Dinner Theatre
Mar 8	Noon	TBD
April 5	Evening	TBD Student Night and Past Presidents Night
April 21	12:00-3:00pm	ASHRAE Sponsored Webcast <i>"Integrating Control Technology & Analytics for Optimal Building Performance"</i>
May 26		<i>Golf – Brandon Golf Course</i>

Membership **Nathan Larson**

If you know of anyone that may be interested in joining ASHRAE, be sure to tell them about ASHRAE and invite them to a meeting. Membership information can be found at www.ashrae.org/members/ or call Nathan at 605-996-7548 with questions.



SCHOLARSHIPS



Help make students aware of this financial assistance!

Through its scholarships, ASHRAE seeks to motivate students worldwide to pursue an engineering or technology career in the HVAC&R field. The Society's Scholarship Program also serves the public interest by aiding in the education of men and women to become qualified to practice as engineers in HVAC&R.

ASHRAE has 33 scholarships available for the 2017–18 school year, for high school seniors entering college through senior undergraduate engineering students and engineering technology students. **ASHRAE is seeking your assistance in making students aware of this financial assistance.**

- 11 regional/chapter and university-specific scholarships - \$3,000 to \$5,000 each. **Now accepting applications!**
- 13 undergraduate engineering scholarships - \$3,000 to \$10,000 each. **Now accepting applications!**
- 1 freshman engineering scholarship - \$5,000
- 4 high school senior scholarships - \$3,000 each
- 4 engineering technology scholarships - \$5,000 each

Qualified students are encouraged to apply at www.ashrae.org/scholarships.



"The financial support that you provided to me will be a great help to pay my educational expenses. Your generosity has taken me to be one step closer in achieving my educational and career goals. When I graduate, I hope that I can use what I have learned, along with all of the experiences that I've had at MNSU, to give back to others and help them in pursuing their goals just as you have helped me." **Aldo Kusnardi, Minnesota State University, Mechanical Engineering, Reuben Trane Scholarship, 2016-2017**

Don't Miss Out!

Annual Application Deadlines:

December 1 for undergraduate engineering, regional/chapter and university-specific scholarships

May 1 for engineering technology, freshman and high school senior scholarships

Scholarships are awarded for the academic year following the application deadline beginning with the fall semester. For complete eligibility requirements and an application, visit www.ashrae.org/scholarships

Get To Know ASHRAE



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