



THERMOS

Shaping tomorrow's built environment today.

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NEXT MEETING

November 10, 2014

Russo's Spazio at Westport
10:15am—10:45am

Registration & Networking

10:45am—11:45am

Technical Session

11:45am—1:10pm

Lunch & Main Session

Space Pressurization: Concept and Practice

Ventilation control design for critical pressurized spaces such as labs, clean rooms, and health care, including common control methods and when to choose each one.

Methodical Approach to Sustainability in Laboratories

Step-by-step approach to assessing and improving environmental performance of a laboratory. A variety of energy conservation measures are discussed along with an assessment program to determine which are most appropriate, with emphasis on bringing EH&S professionals to the table from the start.

Registration has closed for this meeting.

See you at the next one!

LETTER FROM THE PRESIDENT

Welcome back to the ASHRAE St. Louis Chapter Newsletter. Thanks to Annie Smith, Ross and Baruzzini, for volunteering to be the Chapter Historian and champion of the Thermos Newsletter.

The St. Louis Chapter had great meetings in August, September, and October with record attendance. Jessica Mangler, Ross and Baruzzini, is doing a great job at Director of Membership Promotion and has helped find volunteers to participate on committees.

The future looks great for the St. Louis Chapter. Plans for the Society 2016 annual summer meeting in St. Louis are currently being developed by Past President Vinny Stanec III, AC Systems, and a team of volunteers. Also, Past President Brian Ingenthron, Commair, has volunteered to be the General Chairperson for the 2017 Spring Central Region Conference in St.



St. Louis Chapter President, Bob Jones

Louis. Please contact Vinny and Brian to volunteer your help with the host committee requirements.

As in past years, November is our Research Promotion month. The Director of Research Promotion, Dan Krack, Quality Water Treatment, Inc., will be recognizing last year's contributors at the November meeting. He and his team of volunteers will be asking for your donations to help keep ASHRAE research funds at a level that will continue to help improve

and grow our industry. The plan for the 2014-2015 Program is mostly complete thanks to Program Director, Jim Rosick, Burns and McDonnell, and the Program committee. Please see ASHRAE-Stl.org, or page 3 of this newsletter, for the upcoming program schedule.

Also, the advanced registration deadline for the ASHRAE Winter meeting in Chicago is December 31st. Please see the following URL for additional information: <https://www.ashrae.org/membership--conferences/conferences>.

I look forward to seeing everyone at the November meeting.

Bob Jones, President - ASHRAE-STL

Engineer, Parker Hannifin Corp, Sporlan Division

RESPECTED ASHRAE PRESIDENT FROM ST. LOUIS, BILL COAD, PASSES

William Coad, a Presidential Member and Fellow of ASHRAE, passed away after a brief illness on August 9, 2013. His passing was recognized at the Board of Directors of ASHRAE meeting of October 3, 2014.

Bill served as president of the St. Louis Chapter of ASHRAE, was a life member of ASHRAE, and was elected the society president of ASHRAE in 2001 and served through 2002.

"In looking ahead to the 21st century, the greatest challenge to the human race will be to maintain our quality of life as we face a dwindling reserve of energy resources." - Bill Coad

Get Involved!**Welcome to the new volunteers!**

Thank you to the following members for contributing their time and talents to the Chapter:

- Dorniece Ferguson, Jr.,
United Excel Design PC

Attendance & Reception

- Chris Pelton, Siemens

Membership Promotion

- Tony Lee, Hussmann

Research Promotion

- Eric Bujarski, Victaulic

Membership Promotion

- Nick Roberts, Victaulic

Membership Promotion

- Annie Smith, Ross &
Baruzzini

Historian

Want to get involved?

We need volunteers for:

- Chapter Technology Committee
- Attendance & Reception
- Grassroots Government Affairs
- Research Promotion
- 2016 Annual Conference
- 2017 Regional Conference

If you are interested in volunteering for the Chapter, please contact ashraestl@gmail.com. More information can be found at ashrae-stl.org.



NOVEMBER MEETING TO RECOGNIZE RESEARCH DONORS

The theme of the St. Louis chapter November meeting is research. We will be recognizing all the donors from the 2013-2014 Research Promotion Campaign. Many thanks to Chris Swallow, who served as the Research Promotion chair from last year!

Since 1960, ASHRAE has sponsored research at universities and research firms. The results of this research allows ASHRAE to continue the formulation of standards, to prepare chapters in the Handbook series, to spread the

Many thanks to our major donors:

Silver \$1,000 - \$2,499

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Schnucks

AC Systems

Thermal Mechanics

Antique \$250-\$499

Tim Roberts

Kirk Mescher

Jeff Gross

Rollie Johnson, Inc

Dynamic Controls

Chris Swallow

knowledge gained through presentations at conferences and in publications, and much more. ASHRAE research is important to continue the development of the HVAC industry and emerging technologies.

For a complete list of donors and to

MAKE YOUR 2015 RP DONATION

go to ashrae-stl.org and pull down the RP tab! For more information, contact Dan Krack.

NEW MEMBERS IN ST. LOUIS CHAPTER

A number of new members have joined the St. Louis Chapter in the past ASHRAE year. Be sure to introduce yourself at the next meeting and welcome them!

Robert Armstrong - **Missouri S&T-Design & Construction**

Dave Binz - **Cambridge Engineering**

John Buck - **DRS Marlo Coil**

John William Chartrand, Jr. - **Jacobs Engineering**

Robert Collins

Victoria Di Lisio - **Parsons Brinckerhoff**

Randall Dixon

Dan Eckelman - **Automatic Controls Equipment Systems**

John Fairfield

Jonah Gaffner

Greg Gladbach

Nicholas Guetterman

Darin Halter - **Drury Southwest, Inc.**

Ryan Hoff - **8760 Engineering**

William Jayne

Aaron King

Ryan Loeffelman

Cobb Lowrance

Kevin McCormick - **Ross & Baruzzini**

Olujimi Mitchom - **Southern Illinois University-Edwardsville**

Laheeb Muhi

Randy Niederer - **Cambridge Engineering**

Taylor Noles - **St. Louis Screw & Bolt**

James Packard - **CRB**

Steve Park

Tatsiana Patega - **McClure Engineering**

Ben Pepin - **Koch Air**

Eric Poettker

David Pollmann - **Design and Construction, Inc.**

Krista Poulsen

Jason Rasberry - **Blackmore and Glunt, Inc.**

Joseph Rein - **BRIC Partnership**

Nicholas Roberts - **Victaulic**

TJ Robinson - **Jorban-Riscoe**

Andrew Schneider - **Drury Southwest, Inc.**

Davin Sills - **Dynamic Controls, Inc.**

David Sinon - **Automatic Controls**

Steven Smith - **Enertech Global, LLC**

Jesse Turner

Russell Vinson - **CM Engineering, Inc.**

Danielle Vriezelaar - **BSA LifeStructures**

Jeremy Welch - **Air Masters**

Are you listed but don't see your company?

Be sure to fill out your ASHRAE member biography online!

2014-2015 PROGRAM

Attending ASHRAE meetings allows you to learn technical information, keep up with emerging technologies, and network with industry professionals in your field.

The St. Louis ASHRAE Programs Committee works very hard every year to produce a calendar of meaningful and relevant topics presented by knowledgeable speakers. Each program consists of two sessions where separate, but related topics, are presented.

The remaining programs for the 2014-2015 program year are listed at the right:

CALENDAR

| Month | Date | Theme | Subject | Location |
|----------|-----------|-------------------|-------------------------------------|-------------------------|
| December | 12/5/2014 | HRATEC | University Central Plant Design | Graphic Arts Union Hall |
| January | 1/12/2015 | "R" in ASHRAE | Refrigeration | Russo's Spazio |
| February | 2/9/2015 | Student Night/SMA | Fire/Smoke Dampers | Russo's Spazio |
| March | 3/9/2015 | Tour Night | TBD | Russo's Spazio |
| April | 4/13/2015 | Awards | Scholarships & Awards Presentations | TBD |

*Golf Tournament details TBD

Don't forget! You can always register at ashrae-stl.org.

Technology Awards

Every year, ASHRAE asks its members to submit projects for the annual Technology Awards. These awards recognize both your and your client's dedication to energy efficient sustainable design.

Last year was quite successful, as three of our chapter Technology Award winners competed at the Regional level, with one taking home the first place prize and another winning an honorable mention.

This year's deadline for submitting a project will be Friday, February 27th. Keep an eye out for an e-mail from the chapter with more details and the entry form.

If you have any questions now, you can reach out to Chad Adler at 314-812-4537 or at chad.b.adler@jci.com. It's never too early to submit a project!

MEMBERSHIP PROMOTION ANNOUNCEMENT!

Do you have a PE or PhD? Or have you been an ASHRAE member for 12 years or more?

If so, make sure you update your ASHRAE bio!

It's really simple. Just follow these steps:

1. Go to <https://www.ashrae.org/> and log in your account.
2. Once logged in, click on your name in the upper right hand corner.
3. This will bring you to your ASHRAE Member Profile. Go through each of the headings (Bio Info, Demographics, Contact Info, Membership, Edu. Pro. Reg., etc.) and confirm that all of that information is filled out to the best of your knowledge.

Why should you do this?

- You could be eligible for membership advancement. This means you have a different grade of ASHRAE membership that gives you the ability to be eligible for different Society awards, serve on a Technical Committee, or serve in other roles in ASHRAE.
- This helps your local STL ASHRAE Chapter! Society wants to see more members advance to different levels of membership.
- Your ASHRAE dues won't increase. Advancing from "Associate" grade to "Member" grade requires no additional dues. All you have to do is qualify for "Member" grade.

CRC 2017 AND ANNUAL CONFERENCE 2016

Committees have been formed for the 2017 CRC and 2016 Annual Conference in St. Louis. Vincent Stanec will be chair of the committee for the Annual Conference and Brian Ingenthron will be chair of the CRC 2017 committee. Both committees will need volunteers to establish venues, schedules, topics, and speakers. To volunteer, please email ashraestl@gmail.com.

Check out Young Engineers in ASHRAE (YEA)!

YEA is for members 35 and under and offers a way to get involved, meet your peers, build relationships, and have fun. YEA can help you connect with committee chairs to get involved and offers opportunities to attend ASHRAE-sponsored leadership weekends for young members wanting to grow their leadership skills or involvement with the chapter. We have monthly happy hours and send e-mail invites for each one. If you would like to be on the mailing list or are interested in attending YEA leadership weekend, contact Chad Adler at 314-812-4537 or at chad.b.adler@jci.com.

BOARD OF GOVERNORS

BOB JONES

PRESIDENT
Parker Sporlan Division
206 Lange Drive
Washington, MO 63090
(P) 636-392-3294 (F) 636-239-4258
(E) RobertAJones@Parker.com

JIM ROSICK

PRESIDENT ELECT-PROGRAM
Burns & McDonnell
425 South Woods Mill Road
Chesterfield, MO 63017
(P) 314-682-1565 (F) 314-682-1600
(E) jrosick@burnsmcd.com

CHRIS SWALLOW

SECRETARY/TREASURER
Thermal Mechanics, Inc.
715 Goddard Avenue
Chesterfield, MO 63005
(P) 636-532-1110 (F) 636-532-7318
(E) chris.swallow@tmi-stl.com

DAN KRACK

VICE-PRESIDENT-RESEARCH
QWT Inc
401 Withers Ave
St. Louis, MO 63147
(P) 314-621-0300 (F) 314-621-0301
(E) dkrack@hotmail.com

JESSICA MANGLER

DIRECTOR-MEMBERSHIP-
PUBLICATIONS
Ross & Baruzzini
6 South Old Orchard
St. Louis, MO 63119
(P) 314-918-8383
(E) jmangler@rossbar.com

GRANT IRVINE

DIRECTOR-ATT & RECEPTION
McClure Engineering
4545 Oleatha Avenue
St. Louis, MO 63116
(P) 314-645-6232 (F) 314-645-4128
(E) girvine@mcclureeng.com

ROBERT GLUNT

EX-OFFICIO
Blackmore & Glunt, Inc.
12 Kimler Dr
Maryland Heights MO 63043
(P) 314-878-4313 (F) 314-878-6029
(E) rglunt@b-g.com

BOARD MEMBER HIGHLIGHT: GRANT IRVINE

We'll highlight one of your hard-working board members so you know more about them!

- **Job:** Mechanical Engineer
- **Company:** McClure Engineering

• **How did you come to work in your field?**
During the last two years of college I participated in the student branch of ASHRAE and created a network of contacts within the industry. A couple of these engineers worked at McClure where I would eventually work as an intern. That internship evolved into the full time engineering position that I have today.

- **What is the biggest challenge you face in your job?** Managing schedules and deadlines is the toughest part of all



Board Member Grant Irvine, Attendance & Reception

- projects.
- **What advice would you give someone just starting in the HVAC world?** Humility and patience are virtues that pay dividends. As young engineers, we have a lot to learn but also many available resources. Work hard, focus on the fundamentals, and utilize the network of helpful people in our industry.

ENGINEER'S WEEK 2015

National Engineer's week is February 22-28, 2015. It recognizes how engineers make a difference in our world, increases dialogue about the need for engineers, and brings engineering to life for kids, educators, and parents.

To help ASHRAE chapters seek local recognition of this annual observance, draft letters are posted on the Government Affairs section of the society website for chapters to use.

Chapters benefit by earning PAOE points for reaching out to elected officials requesting a proclamation that recognizes National Engineers Week.

Please use these draft letters to reach out to your elected official!

OCTOBER MEETING: ALL ABOUT WATER

Thank you to our presenters at the October meeting, Max Martina and Kent Martens. Mr. Martens presented in the Technical Session on "Design and Operation of Cooling Towers in Variable Flow Applications." Mr. Martina presented in the Main Session on "Advances in Non-Chemical Water Treatment: Opportunities for Cooling System Efficiency and Cost Containment."



Kent Martens speaking at Technical Session



Max Martina speaking at Main Session

Questions? Contact ASHRAE at
ashraestl@gmail.com or go online to
www.ashrae-stl.org.

AMERICAN SOCIETY OF HEATING, REFRIGERATING & AIR
CONDITIONING ENGINEERS, INC.

P.O. Box 31603 — St. Louis, MO 63131

