



October 2017

Alaska Chapter Newsletter Hot Gas Bypass

Anchorage Meeting Information

Presentation:

UAA Engineering & Industry Building
Tour
By: AMC Engineers

Date:

Thursday,
October 19, 2017

Time:

5:30 pm: Check-in
6:00 pm: Dinner & Tour

Location:

UAA Engineering & Industry Building
(EIB)
2900 Spirit Drive
Anchorage, AK 99508

Cost:

Members: \$20
Students: Free

Alaska Chapter Officers and Chairs

Craig Rohwer, President

Craig.Rohwer@irco.com

Nathan Zeigler, President-Elect

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Tracy McKeon, Secretary

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Cheyenne Alabanzas, Treasurer

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janvdtop@acsalaska.net

Alaska ASHRAE Chapter
PO Box 244503
Anchorage, AK 99524

President's Message:

Hello ASHRAE Members,

Thank you all for joining us last month discussing VFDs and facility protection with Ken Fonstad. It was a brief and yet in-depth look at electrical needs when using VFDs. I know I learned a few things about proper installation and design for new and existing facilities.

This month we've engaged UAA in conjunction with AMC Engineers to facilitate a tour of the recently completed Engineering & Industry Building. This is a great opportunity to see the handiwork of our local members of ASHRAE and other industry organizations investing in our community.

Did you know ASHRAE is involved with social media, and encourages it to share news, publications, and events? Our local chapter has been working to build a website and Facebook page to connect our members and community! Simply sharing a link or event can help reach people that wouldn't normally be included in the membership communication. This helps share ASHRAE's goal and vision for our industry and beyond! Stay tuned as in the following month we set the sites to go live. This will also be a great way to easily pay for our meetings and events, along with donations to Research Promotion.

Best Regards,

Craig Rohwer
President, Alaska Chapter ASHRAE
craig.rohwer@irco.com



Anchorage October Meeting:

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Anchorage, AK 99508

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RSVP:

Please RSVP to:
Nathan Zeigler at
Nathan.Zeigler@contractor
.conocophillips.com
By noon on Wednesday
October 18th



UAA Engineering & Industry Building (EIB) Tour

The Engineering & Industry Building (EIB) is UAA's newest facility and is designed to serve as a living laboratory for students, staff and faculty involved with the 11-discipline engineering curriculum. The building is designed with enhanced classroom and laboratory space to support UAA's expanding engineering program and the next generation of Alaskan Engineers. The new 81,500 sqft EIB was completed in 2015 at a total cost of \$78 million. The architectural design was provided by Livingston Slone, Inc. and the HVAC and plumbing engineering was provided by AMC Engineers.

Tour Information:

AMC Engineers have generously offered to provide an overview of the UAA EIB engineering and design process along with a tour of the facility on Thursday, October 19th. Depending on the number of attendees, we may break into groups for separate dinner/Q&A and tour sessions.

We are excited for this opportunity to connect the ASHRAE Alaska Chapter with UAA Students to showcase the successes of our industry.

Directions:

The Engineering & Industry Building is located at 2900 Spirit Drive next to the Wells Fargo Sports Complex and UAA Campus Bookstore.

Please meet at the 2nd floor Atrium for dinner prior to the tour.

UAA parking enforcement is in effect, so please follow all signage to ensure compliance with UAA parking policies. Parking details are currently being finalized and will be provided via e-mail upon RSVP to the event.

Research Promotion:

2017-2018 Research Investors, ASHRAE Alaska Chapter

Organizations	Individuals	Up to \$99 Scott Bell
\$1000 & Over	\$1000 & Over	
\$500—\$999	\$250—\$999	
\$150—\$499	\$100—\$249 Nathan Zeigler Tracy McKeon Greg Jernstrom Doug LeCren Mak Kampen	
Up to \$149		

Fellow ASHRAE Members,

We are off to a strong start with raising money for ASHRAE Research with the generous support of the investors listed above, as well as the successful golf tournament fundraising games. This years' golf tournament RP games included mulligan sales, card draw ball drop, and a carnival-style putting challenge. A special thanks to **Ruth Armstrong, Jan van den Top, Brian Miller, Tracy McKeon, and Nathan Zeigler** for helping plan and run the tournament and the games!

ASHRAE Research is essential to updates that are made to the Society's standards and guidelines, which provide uniform methods of testing for rating purposes. The standards and guidelines suggest safe practices for design and installation and provide other information which guides the industry. Every dollar that is donated goes to ASHRAE Research! 100%!

If you are interested in donating towards the future of HVAC&R industry standards and practices please follow one of these three donation options:

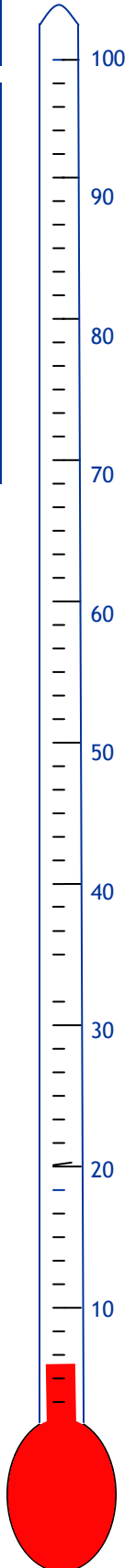
- Go to <http://www.ashraerp.com> and click on "donate".
- You can mail a check made out to "ASHRAE Research" please put "Alaska Chapter" in the memo line and mail to: ASHRAE Research 1791 Tullie Circle, NE, Atlanta, GA 30329.
- You can donate when you renew your membership on line. After you have made your selections for renewal the next page is for you to donate to ASHRAE funded items. About 3/4 of the way down the page you will see Research Promotion. Click "Add to Cart"

If you have already made a donation, your name should appear at the top of this page, if not, it should appear next month. Please feel free to contact me if your name is not present below and you made a donation or with any questions about ASHRAE Research Promotion; the ASHRAE Foundation; or the ASHRAE Learning Center.

Thank you very much for all of your support and dedication to your local ASHRAE Chapter.

Sincerely,

Mak Kampen, P.E.
Alaska Chapter Research Promotion Chair
Matthew.kampen@conocophillips.com



CTTC Report for October 2017

Continuing Education:

I'm looking for comments on setting up a seminar or two later this year or early next year (2018) for those who need continuing education hours. Due to the cost of the course/s we are looking for some good topics of interest that will be well attended. Please email me if you have any suggestions on course topics.

Here are some suggestions:

Healthcare Facilities: Best Practices for Design & Application
Integrated Building Design
Energy Modeling Best Practices & Application
Air to Air Energy Recovery Fundamentals or Applications

Technology Award:

The chapter is trying to get individuals or companies to submit for the 2017-2018 ASHRAE Technology Awards for next years (CRC) Chapters Regional Conferences. Please let me know if you have any questions. **Just email me and I'll send you the Technology Award Short Form.** This is a great way to get recognition for the projects that you and your colleague's have been working on. Technology awards include the following:

Milton W. Garland Commemorative Refrigeration Award for Project Excellence - *Recognizes a non-comfort cooling refrigeration app which highlights innovative and/or new technologies.*

Refrigeration Comfort Cooling Award or Project Excellence - *Recognizes designer and owner of a comfort cooling refrigeration app which highlights innovation and/or new technologies.*

Technology Award of Engineering Excellence - *Recognizes on an international scale, successful apps of innovative design which incorporates ASHRAE standards for effective energy management, indoor air quality and mechanical design management technology.*

L.O. Crooks Refrigeration Award – *to encourage excellence in Refrigeration activities and to promote interest in Refrigeration at the Chapter level.*

Ralph Robson Technology Award – *to recognize the best overall winning entry amongst all the categories in the Regional Technology Award Competition*

In addition there are a number of Technology Awards on a Regional level for outstanding engineering in effective energy management, indoor air quality, mechanical design management and innovative and/or new technology for:

New Commercial Facilities
New Educational Facilities
Existing Other Institutional
New Residential
New Public Assembly
New Other Institutional
New Health Care Facilities
New Commercial Facilities

If you have any questions or need additional information about submitting your project for an award please email me.

Thank you,
 Jeffery D. Hurd (CTTC)
 Project Management/Civil Engineer I
 Anchorage Water and Wastewater Utility
 Work (907) 786-5526 Cell (907) 317-7285
Jeff.hurd@awwu.biz

Feedback/Involvement Opportunities:

ASHRAE Members,

We need your feedback and involvement!

The 2017/2018 year is shaping up to be a very good year and we are excited to be able to offer you a number of interesting and relevant meeting topics. Please mark your calendars for the third Thursday of every month (with the exception of December) for our monthly meetings. We are working to complete our program planning for this year and would like feedback from you on topics of interest, or industry training opportunities that would be beneficial for you. Are there any HVAC topics or other industry related areas that you would like to know more about? Do you have ideas in how our local Alaska ASHRAE chapter can serve as a better resource for you and your business?

ASHRAE is here as a resource for you, to aid you in your professional and personal lives. In order to be most effective in serving you, we need your feedback in how to best tailor our programs and resources. If you have any comments, suggestions, or ideas for meeting topics / venues or other community involvement please e-mail me at Nathan.Zeigler@Contractor.conocophillips.com.

Thank you for supporting ASHRAE and contributing to our collective success!

Sincerely,

Nathan Zeigler
ASHRAE Alaska Chapter President-Elect
HVAC/Mechanical Engineer
907.263.3135



Student Activities:

Hello everyone, I hope all is well!

The upcoming meeting is a very important opportunity for student activities. Having it at UAA's engineering building allows us to engage with the students directly to get them interested in ASHRAE. If you see one of them, strike up a conversation! Let them use your experience to help guide their future! With all of your help, I'm sure we'll have a new batch of student members after this meeting who will want to join as associate members after they graduate.

With this meeting at UAA, we are starting a new program for student members. The local chapter will be offering to pay the students first year of student membership to ASHRAE. This new incentive should help drive our student membership to new heights and allow us to reactive our student chapter at UAA. The program isn't just for UAA students either. UAF students are also able to take advantage of this membership offer as well and if they would like to start a student chapter at UAF, I would be more than happy to offer my assistance. These students are the future of our industry and the sooner we get them involved the better it is for our chapter and society as a whole.

Thank you for taking the time out of your day to read this letter from me and I hope to see you all at the meeting October 19.

Best wishes,

Brian Johnson
ASHRAE Alaska Chapter SAC
rbj13@me.com
907-382-7447

ASHRAE Scholarship:



2017 Scholarship Donation Drive

Join us in our efforts as we raise funds to support our

ASHRAE Alaska Chapter Student Scholarship



The Alaska Chapter of ASHRAE is seeking donations from our members and community in setting up a UAA scholarship and student activities fund to support young engineers in Alaska.

Please consider donating now and in the future to help get this scholarship off the ground. All funds designated for the scholarship/student account will be tracked separately of Chapter dues and RP donations.

If you or your company is interested in donating please contact Tracy McKeon at

akashraetreasurer@gmail.com

Volunteer with Us! We Need Your help!

ASHRAE Volunteer Opportunities:

We currently have an open volunteer position that needs to be filled. Whether you are new to ASHRAE or have been a member of ASHRAE for years your Chapter needs your help. Volunteering at the chapter level helps you develop a better understanding of how the Society functions and how to receive the most benefit from your membership while contributing to the growth of ASHRAE.

Volunteering only takes a couple of hours a month. If you are interested we need to fill the:

- ◆ **Electronic Communications Committee (ECC):** The ECC identifies the electronic communication needs of the membership and staff, recommends and maintains policies, and ensures that the implementation of information technologies meets the objectives and needs of the Alaska Chapter and Society.
- ◆ **Chapter Technology Transfer Chair (CTTC):** The CTCC provides efficient and effective transfer of current and relevant information throughout the HVAC&R industry to and from the Chapters. CTTC develops and maintains high quality and readily available tools to enable Chapters to offer information and attractive industry-related information and programs to all segments within the HVAC&R industry. The CTT Chair coordinates Distinguished Lecturers visits, Technical Seminars for members, chapter programs, and administer CTTC specific awards.

For more information on how to volunteer contact Craig Rohwer, President, Alaska Chapter ASHRAE, at craig.rohwer@irco.com



Save the Date:

Next ASHRAE Meeting:
Thursday November 16th, 2017 5:30 -7:00 pm
Topics: Oil Field HVAC Infrastructure / East High Robotics

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