



October 2019

## Alaska Chapter Newsletter Hot Gas Bypass

### ASHRAE Monthly Meeting Information

#### ANCHORAGE:

Presentation: UAA Wells Fargo Sports Complex Ice Plant Tour

Date: Thursday, Oct 17, 2019

Time: Noon Check-in and Tour

Location: Wells Fargo Sports complex  
2801 Spirit Dr, Anchorage

Please RSVP by noon on Wed Oct 16th at [ashraealaska.com/events/2019/10/17/oct-chapter-meeting](https://ashraealaska.com/events/2019/10/17/oct-chapter-meeting)

Please see Page 2 for details on exact addresses and costs.

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Alaska ASHRAE Chapter

PO Box 244503

### President's Message:

Hello Alaska ASHRAE Members!

It has been a busy September and Halloween is just around the corner. Hopefully everyone is having a great harvest season and enjoying our fantastic Alaskan Fall. Our first meeting of the year was a huge success with close to 35 members in attendance. Our ASHRAE Distinguished Lecturer, Devin Abellon, P.E. gave a great presentation on Embedded Tube Radiant Systems.

We are excited have out first lunch program of the year up and coming this month with a tour of the Wells Fargo Ice Plant at the University of Alaska on October 17th. This will include a tour of the compressor room, and rink area served. Don't forget our schedule of events can always be found online at our website: <https://ashraealaska.com/>

You can now register for the ASHRAE HVAC Conference and Trade Show which will be happening on November 22, 2019 at the BP Energy Center. This will be an excellent opportunity to catch up on any missing PDHs before the end of the year and to check out all the new products and innovations available from local contractors and vendors. Training classes will cover a range of topics from legionella, steam, heat pumps, and ventilation, to name a few. We will even have another ASHRAE Distinguished Lecturer, Gordon Sharp, presenting on "Slashing Commercial and Lab Building Energy Use and Improving IEQ". We already have numerous vendors already signed up to join us for the Trade show including: ATS Alaska, CHC Columbia Hydronics, Cole Industrial, Proctor Sales, Trane, Mechanical Solutions, Stinebaugh & Company, Long Building Technologies, and Mechanical Sales. Check out our website for more information on the Trade Show and Conference. We hope to see you there! Sign up now on our website at: <https://ashraealaska.com/events/2019/11/22/trade-show-nov-chapter-meeting>.

As we are going into the dark days of winter I think it's important to recognize that as Engineers, Contractors, and Owners our jobs are stressful and we need to take the time to find balance in our careers. With so much information and activity going on the world today between our work, social media, and just our day to day activities it is no surprise that we can lose focus and become overwhelmed. There is always something else that needs to be done and another deadline that needs to be met. So take a moment in your day to spend with family and friends, renew your passion, unplug from the job (or school) and recharge. Your time is valuable so don't waste it. Remember what is important and make sure to include exercise and relaxation in your daily life.

The only way we continue this success is through generous sponsors and volunteers so please get involved! If you have any questions or concerns, please feel free to email or call me!

Sincerely,

Tracy McKeon, P.E.  
President, Alaska Chapter ASHRAE  
[tmckeon@crweng.com](mailto:tmckeon@crweng.com)



## Anchorage October Meeting:

### ANCHORAGE

#### Meeting:

Presentation:  
UAA Wells Fargo Sports Complex Ice Plant Tour

Hosted By:  
UAA Facilities  
and the Designer of  
Record AMC will also  
be present

Date:  
Thursday,  
October 17th, 2019

Time:  
Noon: Check-in &  
Tour

Location:  
Wells Fargo Sports  
Complex, 2801 Spirit  
Dr.

Cost:  
Lunch: \$15  
Students: Free

RSVP:  
Please RSVP at:

<https://ashraealaska.com/events/2019/10/17/oct-chapter-meeting>  
By noon on  
Wednesday Oct. 16th.

### UAA Wells Fargo Sports Complex Ice Plant Tour

Please join us for a lunch tour of the Wells Fargo Sports Complex Ice Plant.

We will be touring the compressor room and rink. The tour will focus on the refrigeration systems for this facility and when the renovation occurred to upgrade this facility the complex had not been renovated since it opened in 1978.

For additional refrigeration background information please see the article attached to the meeting announcement that includes discussions of the various refrigerant replacement options for R-22 and also highlights the UAA Wells Fargo Sports Complex NH3/CO2 hybrid refrigeration method that the designer used. It includes comments from the ice rink sub-consultant Art Sutherland (Accent Refrigerant), as well as, Glenn Thomas (UAA Refrigeration Mechanic). It also talks about the four recent MOA rink upgrades which use CO2 only refrigeration systems.

It should be a very informative and interesting read for members prior to the tour.

We anticipate that this tour will need to be broken up into two groups. The First Group will tour the facility and follow with lunch and the Second Tour Group will start with Lunch and then proceed with the Tour after.

#### Directions:

- Parking is available in the Parking lot adjacent to the Wells Fargo Sports Complex. UAA parking enforcement is in effect, so please follow all signage to ensure compliance with UAA parking policies.
- Pay for parking by using the Pay'n Park Kiosks, Passport App, at the meter-heads or by purchasing a one-time-use Full-Day or 2-Hour Scratch-Off Permit at Parking Services. Parking is \$2.00 per hour on main campus.



New ice-making equipment installed as part of the renewal of the WFSC. (Photo by Phil Hall/UAA)

Research Promotion:

**2019-2020 Research Investors, ASHRAE Alaska Chapter**

<u>Organizations</u>		
<p><u>\$5000 &amp; Over</u> Stinebaugh &amp; Company</p>	<p>Long Controls MBA Engineers Inc. RSA Engineering Inc.</p>	
<p><u>\$150—\$499</u>  AMC Engineers Cole Industrial Inc. Columbia Hydronics Coffman Engineers CRW Engineering</p>		

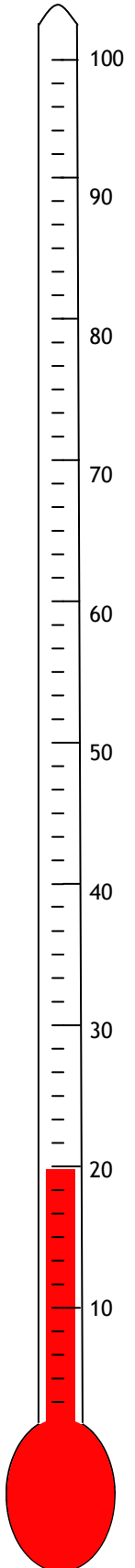
Fellow ASHRAE Members,

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,  
Nathan Zeigler  
Alaska Chapter Research Promotion Chair  
[Nathan.Zeigler@contractor.conocophillips.com](mailto:Nathan.Zeigler@contractor.conocophillips.com)



## Sponsorship Opportunities

There are now various ways to be a sponsor for ASHRAE! Contact [samr@rsa-ak.com](mailto:samr@rsa-ak.com) for more details!

### Gold Sponsorship: \$5,000

- (1) Foursome team for annual golf tournament
- (1) Hole sponsorship for golf tournament
- (1) Seat for every chapter meeting
- Announcement of your sponsorship during all meeting introductions and events.
- Logo on website
- Business card advertisement in newsletter (September - May)

RP Donor Level - ASHRAE Associate (\$2500):

- Gold Commemorative Coin & Plaque, Listed in the annual Investor Honor Roll

### Forget-Me-Not Chapter Sponsorship: \$2,500

- (1) Range Sponsorship during Annual RP Shoot out
- (1) Hole Sponsorship for the golf tournament
- Announcement of your sponsorship during all meeting introductions and events.
- Logo on website
- Business card advertisement in newsletter (September - May)
- RP Donor Level - Major Donor - Silver (\$1000):

- Silver Commemorative Coin & Plaque, Listed in the annual Investor Honor Roll

### Chapter Meeting Sponsor: \$1000 (Limited to 8 Sponsors, 1 per meeting)

- Sponsor's table available with display and literature prior to meeting
- Logo on welcome message during monthly chapter meetings
- Announcement of your sponsorship during the meeting introduction
- Logo on website
- Business card advertisement in newsletter (September - May)
- RP Donor Level - Major Donor - Bronze (\$500):

- Bronze Commemorative Coin & Plaque, Listed in the annual Investor Honor Roll

### Web Sponsorship Package: \$350

- Logo on website
- Business card advertisement in newsletter (September - May)
- RP Donor Level - Honor Roll (Individuals only) (\$100):

- Receive blue desktop coin holder, Listed in the annual Investor Honor Roll

### Newsletter Sponsorship: \$150

- Business card advertisement in newsletter (September - May)

## Upcoming Seminars and Classes

**November 5 and 6 –AMCA Plumbers and Sheetmetal Administrator Seminar, 8 Hr code classes with CE credit! Breakfast and Lunch included! For details contact: [Jan van den Top at amca@gci.net](mailto:Jan_van_den_Top@amca@gci.net), phone: 907-677-8588**

**Looking for volunteers for speaking to students and public on Fridays for College of Engineering Professional Seminar Series for Spring 2020. If you are interested, Please contact: [Getu Hailu @ghailu@alaska.edu](mailto:Getu_Hailu@ghailu@alaska.edu). Thank you for supporting UAA! Free Parking on Fridays!**



## UPCOMING ASHRAE EVENTS AND MEETINGS

( This is a tentative schedule dates and programing is subject to change)  
 Like us on Facebook at <https://www.facebook.com/AlaskaASHRAE> and : [www.Ashraealaska.com](http://www.Ashraealaska.com)

Date/Event	Description
Thursday, Sept. 12, 2019 <b>Chapter Meeting</b>	Distinguished Lecturer Devin Abellon / Embedded Tube Radiant Systems to Maximize LEED
Thursday, Oct 17, 2019	Ice Plant Tour. Lunch Meeting
Friday, Nov. 22, 2019 <b>Chapter Meeting</b>	@ BP CENTER 5:30 PM-7:30 PM
Friday Nov. 22, 2019 <b>TRADE SHOW/ TRAINING:</b>	@ BP ENERGY CENTER 9:00 AM–5:00 PM
Thursday, Jan. 16, 2020 <b>Chapter Meeting</b>	Trailblazers in Arctic Engineering/ Membership promotion
Thursday, Feb. 20, 2020 <b>Chapter Meeting</b>	@Conoco Phillips Industrial Oil & Gas: Non-Comfort Cooling Applications
Thursday, Mar. 19, 2020 <b>Chapter Meeting</b>	Indoor Agriculture
Thursday, Apr. 16, 2020 <b>Chapter Meeting</b>	Sustainability: Wind, solar, storage, heat recovery
Friday, Apr. 24 <b>RP / Social Event</b>	<b>RP Shootout At Birchwood Range</b>
April 30-May 3, 2020	CRC Conference @ Edmonton AB, CA
Thursday, May 21, 2020 <b>Chapter Meeting</b>	Anchorage Museum Tour & CRC Wrap up

# 2019 HVAC TRADE SHOW & CONFERENCE

November 22, 2019

BP ENERGY CENTER  
ANCHORAGE, AK  
9:00—5:00 pm



*Training will include a presentation by ASHRAE Distinguished Lecturer Gordon Sharp on "Slashing Commercial and Lab Building Energy Use and Improving IEQ" !*

Legionella

Ventilation

Pumps

HVAC Controls

This one day only event will include training opportunities through out the day and a Trade Show where Engineers, Contractors and Industry Leaders can find out about the latest products in the HVAC industry.

Steam

Refrigeration

## SEE!

Latest products, technologies, and innovations available from local contractors and vendors.

## Learn!

1 hour to 45 minute training sessions through out the day and vendor breakout sessions! This is a great opportunity to earn those missing PDHs!

## Enjoy!

Lunch is included in the cost of the conference!

## REGISTER!

\$50.00 per person / \$300 Vendor Booths

Contact [tmckeon@crweng.com](mailto:tmckeon@crweng.com) or [crohwer@trane.com](mailto:crohwer@trane.com) to reserve your space/ booth today!

Registration and information on training sessions is available online now at :

<https://ashraealaska.com/events/2019/11/22/trade-show-nov-chapter-meeting>





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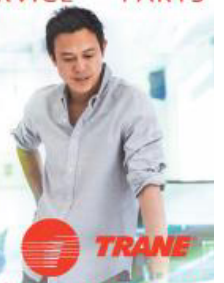
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This page will be continually updated. Please get your business card in for the year of 2019-2020. Business cards run from Sept 2019 to May 2020. For sponsorship opportunities and costs, please contact [samr@rsa-ak.com](mailto:samr@rsa-ak.com).