



January 2020

Alaska Chapter Newsletter Hot Gas Bypass

ASHRAE Monthly Meeting Information

ANCHORAGE Meeting:

Presentation:

Icons of Alaska HVAC

Open panel:

Dick Armstrong (RSA)
Boyd Morgenthaler (AMC)
Bill McNeal (Coffman)
Steve Theno (PDC)

Date: Thursday, Jan 23, 2020

Time:

5:30 pm: Check-in and Dinner
6:00 pm: Panel

Cost:

Dinner: \$20
Students: Free

Location:

CRW Engineering
3940 Arctic Blvd #300
Anchorage, AK-99503
Phone: 907-562-3252

Please RSVP to Cheyenne Alabanzas at:
calabanzas@rsa-ak.com

Pay online at

<https://ashraealaska.com/shop>

Please see Page 2 for details on meeting,
Page 3 for ASHRAE Engineer of the year
nominations, pages 7 thru 10 for upcoming
events.

Alaska Chapter Officers and Chairs

Tracy McKeon, President

tmckeon@crweng.com

Cheyenne Alabanzas, President-Elect

calabanzas@rsa-ak.com

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samr@rsa-ak.com

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Philip.Hayes.2@outlook.com

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Maile Guieb, Webmaster,

Electronics Communications Chair
mguieb@stinebaugh.com

Alaska ASHRAE Chapter

PO Box 244503

Anchorage, AK 99524

President's Message:

Hello Alaska ASHRAE Members!

Happy New Year!

Hope everyone had a safe and joyous Holiday Season and is looking forward to and new and exciting New Year as much as we are at ASHRAE! We have had a huge amount of support from our membership this year and it has made our past year very successful.

Our 1st ASHRAE HVAC Conference and Trade Show in many years took place in November. We had 13 Vendors and Contractors take place in the Trade Show and more than 40 ASHRAE members and students in attendance for the conference. We received terrific feedback on the training classes and the trade show from the attendees. This was an excellent opportunity to catch up on missing PDHs and to check out all the new products and innovations available from local contractors and vendors.

Also this year we have seen an increase in participation and interest in our Young Engineers in ASHRAE events. Most recently both the YEA Cider Tour Happy Hour event and December Holiday event at the Curling Club were well received.

Heads up! Our Meeting coming up in January is being moved to January 23rd to accommodate our panelists' schedules. This will be an exciting not to miss opportunity. We will have four of the *Trailblazers in Arctic Engineering* present to answer questions on engineering, their careers, and the impact they made in our industry in Alaska! Make sure to clear your schedules and bring another engineer with you! This is also our Membership night. Every member who brings a potential new member as a guest will be entered into a drawing to win a **\$100 Amazon gift card**. Guest will be enter into a separate drawing for another gift card. (Sorry student memberships are not eligible for the drawing, since we don't charge students for our meetings.

We hope to carry that momentum from this last year forward into the upcoming year. Be on the lookout for additional training opportunities and more great events!

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





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Pay online at
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Icons of Alaska HVAC

(Membership Promotion Month)

We are ecstatic to announce the epic meeting we have planned for this month!

Our January meeting is an open panel with four of the biggest names in the history of Alaska mechanical engineering. Each built a powerhouse engineering firm that is responsible for nearly every major project that has been built in the state for over the last 30 years. Our distinguished panel consists of:

Dick Armstrong (RSA)
Boyd Morgenthaler (AMC)
Bill McNeal (Coffman)
Steve Theno (PDC)

These gentlemen have almost 200 years of combined experience! Plus, innumerable accolades and awards. This is a once in a decade type meeting that you won't want to miss!

This meeting will also be a Membership Night. If there's ever been a meeting to invite a coworker or even a client to, this is the one. Please bring a guest, those who bring a guest will be entered for a prize drawing.

Member Promotion Month!
Bring a guest! Invite them to become a member and you and your guest will be entered into a drawing for a \$100 Amazon Gift Card! Two cards to be given away!



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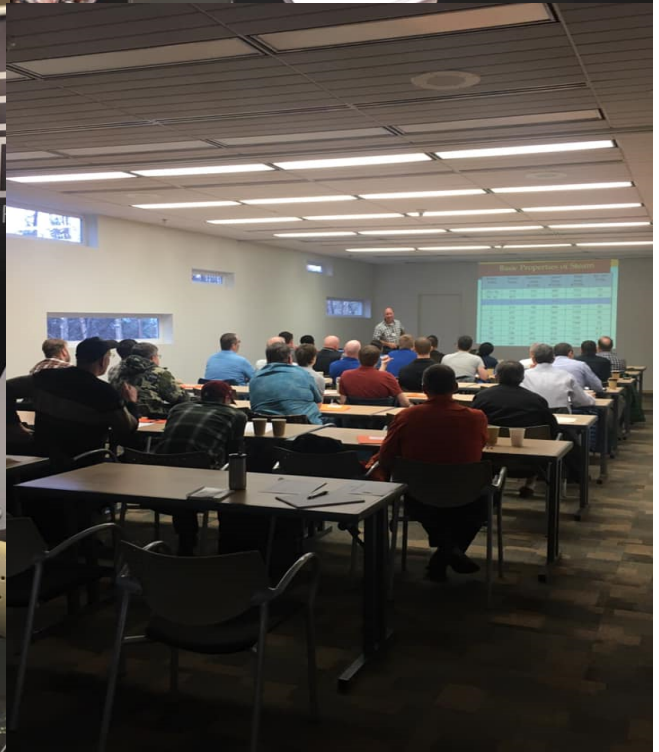
A.S.H.R.A.E. ALASKA CHAPTER HISTORY

CHAPTER NOMINATIONS FOR ENGINEER OF THE YEAR

Those recognized as Engineer of the year are in bold type.

Year nominated for:	Nomination:
1987	Richard S. Armstrong P.E.
1988	no nominee
1989	Boyd Morgenthaler P.E.
1990	Robert A. Jernstrom P.E.
1991	Raj Bhargava P.E.
1992	no nominee
1993	Richard S. Armstrong P.E.
1994	Raj Bhargava P.E.
1995	no nominee
1996	Boyd Morgenthaler P.E.
1997	Steve Theno P.E.
1998	no nomination
1999	Douglas Murray P.E.
2000	Gregg Johnson P.E.
2001	no nominee
2002	no nominee
2003	Jan van den Top P.E.
2004	Walter Heins P.E.
2005	no nominee
2006	Ronald J. Thompson P.E.
2007	no nominee
2008	no nominee
2009	Dave Shumway P.E.
2010	no nominee
2011	no nominee
2012	no nominee
2013	no nominee
2014	no nominee
2015	Craig Fredeen P.E.
2016	Mak Kampen P.E.
2017	Tracy McKeon P.E.
2018	Brad Sordahl P.E.

2019 HVAC Conference and Trade Show





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Welcome new ASHRAE members! We are off to a good start with an additional six members since August:

Chris Bracken
Aaron J Morrison
Stephen J Bishop
Austin D Dabbs
John R Van Alstine
Kory Russell Robbins

This brings us to **194 members** strong in the Alaska chapter. Remember it takes everyone to help grow our local chapter, so look around and invite a coworker or friend to attend this month's meeting.

Why You Should Be an ASHRAE Member

It's really quite simple. You can benefit from all of the resources ASHRAE provides as the world's leading organization of HVAC&R and built environment professionals. Consulting engineers, property owners and managers, designers, installers and maintenance and repair professionals all benefit from ASHRAE, including these member benefit highlights:

ASHRAE Handbook — the indispensable, industry-wide resource for all HVAC&R professionals. Each volume is updated every four years. And members can subscribe to ASHRAE Handbook Online for immediate online access to the complete Handbook series.

ASHRAE Journal — this monthly resource is the most trusted publication in HVAC&R engineering.

High Performing Buildings — the quarterly magazine for innovation and measured performance in efficient and sustainable buildings.

ASHRAE Technology Portal

HVAC&R Industry — a weekly news resource keeping ASHRAE members abreast of the latest industry news and information.

Access to more than 300 technical publications.

Access to education, courses and webcasts.

Professional certification

Please feel free to contact me about your membership renewal or associated benefits.

Sincerely,
Gregory Jernstrom
ASHRAE Alaska Chapter Membership Promotion Chair
907.522.1070



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Research Promotion:

2019-2020 Research Investors, ASHRAE Alaska Chapter

Organizations	\$100 - \$499	Individuals
<p>\$3,000 & Over Stinebaugh & Company Anonymous Donors</p> <p>\$1,000 & \$2,999 Alaska Mechanical Contractors Association (AMCA)</p> <p>\$500 - \$999 Brian & Brad Design Alaska Frontier Supply Proctor Sales Inc. Puget Sound ASHRAE Chapter</p>	<p>\$100 - \$499 AMC Engineers ATS Alaska Brenntag Pacific Inc. Cole Industrial Inc. Columbia Hydronics CRW Engineering DXPE/Alaska Pump & Supply Inc. JP Sheldon Company Jernstorm Engineering LONG Building Technologies MBA Consulting Engineers Inc. Mechanical Construction & Consulting Inc. Mechanical Sales Inc. Meridian Systems Norcoast Mechanical Inc. Roth-Sirianni, LLC. Scope Permitting and Engineering Superior Mechanical Service</p>	<p>\$100 & Over Cheyenne Alabanzas Leroy Baldwin Mack Bergstedt Phil Hayes Jeff Hurd Ed Kaiser Kyle Kaiser Doug LeCren Tracy McKeon Doug Murray Sam Ratnasigamani Ron Thompson Nathan Zeigler</p>

Fellow ASHRAE Members,

Through your generosity our chapter has currently raised \$17,488.28 for ASHRAE RP so far this year! Keep it up, your generous contributions will pay back in countless ways to our local and broader industry as a whole!

It is through the funds generated for RP that all ASHRAE codes, standards and design guides are researched, written and implemented into the built environment where we live and work. Thank you for your generous support, it is only through your donations and involvement that we can continue to advance the knowledge, quality and standards for our built environment.

I have often heard the question, "How are my RP donations used?" and "What benefit do RP donations have for Alaska?"

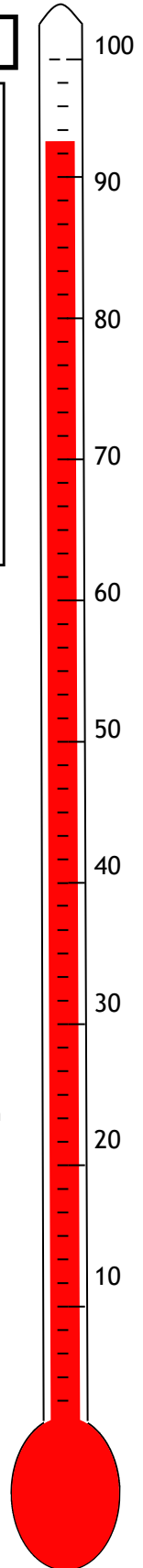
- ASHRAE RP funds are pooled at the society level, then with the entire society's resource potential the funds are redistributed in order to achieve the highest potential output.
- It is through the funds generated for RP that all ASHRAE codes and standards are researched, written and implemented into the built environment that we live in.
- RP funds return to Alaska in various forms such as university research grants, scholarships, and technical committee funding.

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





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ASHRAE YEA

Zip Kombucha

Game Night and Happy Hour



Friday, January 24, 2020

5:30p.m.-9:00p.m.

3404 Arctic Blvd, Anchorage, Alaska 99503

FREE

Bring a favorite game to share, and come out to enjoy
some booch and good times with your fellow YEA
members!

Due to the location, this is a 21+ event.

Please RSVP to **Elena** at ehartford@mechanicalsales.com

Thank you for supporting YEA!



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SPONSOR an ASHRAE YEA Event

My goal as the YEA Chair is to offer free or reduced-price events for YEA members each month, so we can get to know one another and build a **stronger ASHRAE and HVAC community for the future.**

Have your name or logo represented on event literature!

Email **Elena Hartford** at ehartford@mechanicalsales.com for more information about upcoming events and to find out how you or your company can make a difference.



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DISCOVER ENGINEERING SOLVE ENGINEERING CHALLENGES!

WHEN

Saturday February 22nd, 2020
10am - 2:30pm, Awards at 3 PM

- Only need 1-2 hours to complete all events
- Show up anytime!!!!

WHERE

Z.J. Loussac Public Library

3600 Denali Street, Anchorage, AK 99503

FEATURING • Tower Shaking and Breaking • Light Tossing • Lego Construction • Paper Airplanes • Making Boats • Spaghetti Towers • Tower of Power • Robotics/LEGO Presentations • And More

HAVE QUESTIONS OR WANT TO BE ADDED TO OUR MAILING LIST?

CONTACT ANGEWEEKSTUDENTCOMPS@GMAIL.COM

WWW.DISCOVERE.ORG

The Anchorage School District does not endorse these materials or the viewpoints expressed in them.



**STUDENT EVENT
GRADES 1-12**

FREE EVENT

SPONSORS

Society of Women Engineers (SWE)

Society of American Military Engineers (SAME)

Illuminating Engineering Society (IES)

ASHRAE

American Society of Civil Engineers (ASCE)

Institute of Transportation Engineers (ITE)

University of Alaska Anchorage (UAA)

AND MORE...

COMPETITION NOTE:

Tower of Power Competition requires pre-building of the towers prior to the event per the attached competition rules. This is the only competition that requires pre-building.



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SATURDAY
FEBRUARY 15,
2020
Center Bowl

1:30PM CHECK-IN
2:00PM START

PIZZA AND
NON-ALCOHOLIC
BEVERAGES WILL
BE
PROVIDED

TO PARTICIPATE,
RSVP TO
JAI.CHANG
@JACOBS.com
BY FEB 10, 2020

PLEASE MAIL REGISTRATION
FEES AND DONATIONS TO:

ATTN: Jeanne Bowie
Kinney Engineering
3909 Arctic Blvd
Suite 400
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MAKE CHECKS PAYABLE TO:
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DISCOVER



ENGINEERS WEEK

FEBRUARY 16-22, 2020

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Alaska Society of Professional Engineers (ASPE) and MATHCOUNTS® are pleased to invite you to our fifth annual fundraiser bowling tournament. Tournament proceeds will support MATHCOUNTS through Alaska Engineering and Education Foundation (AEEF), which is a 501(c)(3) charitable organization. We hope you will join us or support our Mathletes® with a donation.

SPONSORSHIPS

TEAM: \$200. 1 Team of 4 Players (includes games & shoes)

LANE: \$100. 1 Lane Sponsorship = Company Logo on 1 Lane

DONATIONS ARE ALSO WELCOME! SEND A CHECK OR PICK! CLICK! GIVE!



ALASKA ENGINEERING EDUCATION FOUNDATION
"Supporting tomorrow's engineers today."

Sponsorship Opportunities

There are now various ways to be a sponsor for ASHRAE! Contact 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

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 at ghailu@alaska.edu](mailto: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

Date/Event	Description
Thursday, Sept. 12, 2019 Chapter Meeting	Distinguished Lecturer Devin Abellon / Embedded Tube Radiant Systems to Maximize LEED Points
Thursday, Oct 17, 2019 Tour	Ice Plant Tour. Lunch Meeting
Friday, Nov. 22, 2019 Chapter Meeting	@ BP CENTER 5:30 PM-7:30 PM
Friday Nov. 22, 2019 TRADE SHOW/ TRAINING:	@ BP ENERGY CENTER 9:00 AM—5:00 PM
Thursday, Jan. 23, 2020 Chapter Meeting	Icons of Alaska HVAC/ Membership promotion
Thursday, Feb. 20, 2020 Chapter Meeting	Conoco Phillips Industrial Oil & Gas: Non-Comfort Cooling Applications
Thursday, Mar. 19, 2020 Chapter Meeting	Indoor Agriculture
Thursday, Apr. 16, 2020 Chapter Meeting	Sustainability: Wind, solar, storage, heat re- covery
Friday, Apr. 24 RP / Social Event	RP Shootout At Birchwood Range
April 30-May 3, 2020	CRC Conference @ Edmonton AB, CA
Thursday, May 21, 2020 Chapter Meeting	Anchorage Museum Tour & CRC Wrap up



Tom Fisher
President

Email: tomfisher@aaronak.com

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Fairbanks, Alaska 99701
website: www.aaronak.com

Phone: 907-452-3463
Mobile: 907-378-2804
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Glenn Evans
BRANCH MANAGER

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Rick Loewen
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Suite 100
Anchorage, AK 99518

Andrew Lee
phone (907) 561-4747
fax (907) 562-7473
www.jpsheldon.com

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.



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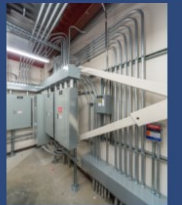
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jim.mcdonough@siemens.com
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Jim McDonough
 Account Executive
 Building Automation



Derek Bradish
 Alaska Territory Manager

Email: derek.bradish@victaulic.com Cell: 907/347-8276