



February 2024

Alaska Chapter Newsletter Hot Gas Bypass

ASHRAE Monthly Meeting Information

Joint Fairbanks/Anchorage Meeting Presentation:
NREL in Alaska

Date:
Thursday
February 15, 2024

RSVP: robbin.garberslaght@nrel.gov

Time:
12:00 pm – 1:00 pm

Fairbanks Location:
NREL
955 Draanjik Drive
Fairbanks AK 99775

Anchorage Location or Unable to join us in Person:

No in Person Meeting in Anchorage this Month.
Please join us online for this joint presentation with the Fairbanks Section.

Go to Meeting link:
<https://meet.goto.com/ashraeak/ashraealaskafebruaryfairbanksanchoragejointmeeting>

You can also dial in using your phone.
Access Code: 263-917-429
United States: +1 (408) 650-3123

Meeting link will also be posted prior to meeting on ASHRAE Alaska Chapter website.

Alaska Chapter Officers and Chairs

Nathan Lang, President
Nathan.Lang@victaulic.com

James Boggs, President-elect/CTTC Member
jboggs@amc-engineers.com

Jesse Wight-Crask, Secretary
Jesse.Wight-Crask@respec.com

Philip Johnson, Treasurer
Phil@airsourcealaska.com

Evan Denty, BOG Member
emdenty@gmail.com

Sam Ratnasigamani, Student Activities
samr@rsa-ak.com

Garrett Prokosch, Membership Promotion
garrett.prokosch@convergint.com

Tracy McKeon, CTTC Chair
tracy.mckeon@respec.com

Blake Burley, Fairbanks Section President
blake@designalaska.com

Jeff Hurd, Grassroots Gov. Advocacy
Jeff.hurd@awwu.biz

Philip Hayes, Research Promotion/Historian
Philip.Hayes@contractor.conocophillips.com

Alaska ASHRAE Chapter
PO Box 244503
Anchorage, AK 99524

President's Message:

Hello fellow ASHRAE members,

Our monthly meeting will be on February, 15th. Our presenter, Robbin Garber-Slaght, is with the National Renewable Energy Lab and will be presenting online for those of us here in Anchorage. For those of you in Fairbanks please take this opportunity to attend this in person presentation. Also happening this month is E-week student competitions, which will be held on February 17th at UAA.

The date has been set for our chapters 50th anniversary. Make sure to mark March 21st on your calendar and join us at King Street Brewing to help celebrate our chapter and everyone that has helped make it successful.

The endowment scholarship was approved for our chapter at the winter conference which was held last month. Our chapter will start contributing to the endowment fund and in a couple years we will be able to offer a scholarship for local students. This scholarship would not have happened without the hard work and dedication from Philip Hayes. He was the driving force behind it and made sure we were able to get over the finish line.

Sincerely,

Nathan Lang
ASHRAE Alaska President 2023-2024
Alaska Chapter ASHRAE
nathan.lang@victaulic.com





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United States: +1 (408) 650-3123

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NREL in Alaska

Bring a lunch and swing over to NREL’s Alaska Far-North Campus for this month’s ASHRAE meeting or join us online. This is an opportunity to find out more about NREL and what projects and opportunities NREL has been working on in Alaska. NREL is known for focusing on the built environment, building science research, sustainable home design, and social and economic research. Its mission is engaging with local and indigenous people to incorporate traditional knowledge into technology solutions. Come join your peers to find out more about what is going on in our State and Industry.

PDHs are available for this presentation



Presenter: Robbin Garber-Slaght—This month’s presenter is a research engineer at the Alaska campus of the National Renewable Energy Lab in Fairbanks. Her background is in mechanical and cold climate engineering. She has 15 years of experience in building energy efficiency improvements and cold climate heating systems. Her most recent work has been on cold climate heat pumps and building envelopes in the Arctic and sub-Arctic.

SAVE THE DATE



The 50th Anniversary for the Alaska ASHRAE Chapter is fast Approaching. Please save the date and plan on joining us at the King Street Brewery on March 21, 2024 for a Celebration of 50 years of ASHRAE members in Alaska. We will be celebrating their contributions to ASHRAE and its mission of serving humanity by advancing the arts and sciences of heating, ventilation, air conditioning, refrigeration and their allied fields in Alaska and across the globe and creating a healthy and sustainable built environment for all.

We will be honoring all our past presidents, life members, and all those in our community that have served and support the technical side of ASHRAE by being members of its committees and standards.

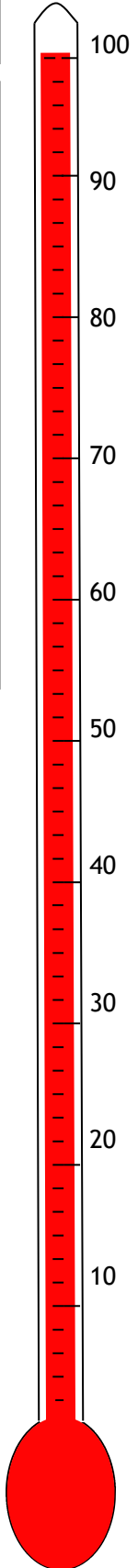
Please be on the look out for e-invites to go out for this event the second week of February.



March 2024						
Su	M	Tu	W	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Research Promotion:

2023-2024 Research Investors, ASHRAE Alaska Chapter	
<p><u>Organizations</u></p> <p><u>Major Donor- ASHRAE Associate (\$5,000 - \$9,999)</u> Alaska Mechanical Contractors Association</p> <p><u>Major Donor- ASHRAE Associate (\$2,500 - \$4,999)</u> Stinebaugh & Company</p> <p><u>Major Donor - Silver (\$1,000 - \$2,499)</u></p> <p><u>Major Donor - Bronze (\$500 - \$999)</u> Design Alaska</p>	<p><u>Chapter Recognized Donor (\$150 - \$499)</u> Air Source Alaska Alaska Integrated Services Coffman Converjint Cole Industrial Frontier Supply Johnson Controls Inc. JP Sheldon Keller Supply Long Controls Mechanical Sales Mechanical Solutions Norcoast Mechanical Inc. Proctor Sales Puget Sound Pipe RSA Engineering Roth Sirianni Siemens Stinebaugh Superior Plumbing</p>
	<p><u>Individuals</u></p> <p><u>Major Donor (\$250 - \$2,499)</u></p> <p><u>Honor Roll Donor (\$150 - \$249)</u> Doug Lecren Gregory Jernstrom Philip Hayes Jeff Hurd Nathan Zeigler</p> <p><u>Donor (\$1-\$149)</u></p>



Fellow ASHRAE Members,

Through your generosity our chapter has currently raised \$13,300 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.

“How are my RP donations used?” & “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 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 research grants, scholarships, and technical committee funding.

If you are interested in donating to ASHRAE RP please follow one of these three donation options:

- Visit <http://www.ashrae.org/RP> and scroll down the page to select the “**ONLINE CONTRIBUTION FORM**” link.
- Mail a check to “ASHRAE Research” with “Alaska Chapter” written in the memo line and mail to: ASHRAE RP; 180 Technology Parkway; Peachtree Corners, GA 30092.
- Designate a RP donation amount when you renew your membership.

If you have already made a donation of \$150 or more, your name should appear at the top of this page. If you do not see your name, please let me know and I will ensure that your donation is recorded properly. Please feel free to contact me 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,
Philip Hayes
Alaska Chapter Research Promotion Chair
Philip.hayes.2@outlook.com



Chapter Sponsors:

2023-2024 ASHRAE Alaska Chapter Sponsors

Gold Chapter Sponsor: (\$5,000)



Forget-Me-Not Chapter Sponsor: (\$2,500)

Chapter Meeting Sponsor: (\$1,000)



Chapter Web Sponsor: (\$400)



In the past three years, the Alaska Chapter introduced chapter sponsorship levels to help recognize those who have steadfastly supported the Alaska Chapter over the years. Included with these sponsorship levels are various 'chapter benefits' as a way of thanking and honoring the generosity of our loyal supporters. Portions of the sponsorships are utilized to help fund the Alaska Chapter operations as well as donated to ASHRAE Research Promotion in the sponsor's name. Below is a list of the sponsorship levels along with the 'chapter benefits' for each level of donation.

Corporate Donations:

Corporate donations to the Alaska ASHRAE Chapter are recognized in five tiers:

- Gold Sponsorship: \$5,000 & Above**

 - (1) Foursome team for annual golf tournament • (1) Hole sponsorship for golf tournament • (1) Seat for every chapter meeting -OR- (1) Range Sponsorship during Annual RP Shoot out • Announcement of your sponsorship during all meeting introductions and events. • Logo on website • Business card advertisement in newsletter (September – May) • Job postings on the ASHRAE Alaska website and on the newsletter. RP Donor Level - ASHRAE Associate: (Gold Commemorative Coin & Plaque, Listed in the annual Investor Honor Roll)
- Forget-Me-Not Chapter Sponsorship: \$2,500 - \$4,999**

 - (1) Range Sponsorship during Annual RP Shoot out • (1) Hole Sponsorship during Annual Golf Tournament • Announcement of your sponsorship during all meeting introductions and events. • Logo on website • Business card advertisement in newsletter (September – May) Job postings on the ASHRAE Alaska website and up to (2) on the newsletter • RP Donor Level - Major Donor – Silver: (Silver Commemorative Coin & Plaque, Listed in the annual Investor Honor Roll)
- Chapter Meeting Sponsor: \$1,000**

 - Sponsor's table available with display and literature prior to meeting (A website link and a hole or range sponsorship will be made available as an alternative for a virtual meeting sponsorship) • Logo on welcome message during monthly chapter meetings • Announcement of your sponsorship during one meeting introduction • Logo on website • Business card advertisement in newsletter (September – May) • RP Donor Level - Major Donor – Bronze: (Bronze Commemorative Coin & Plaque, Listed in the annual Investor Honor Roll)
- Web Sponsorship Package: \$400**

 - Logo on website • Business card advertisement in newsletter (September – May) • RP Donor Level – Honor Roll (Individuals only): (Receive blue desktop coin holder, Listed in the annual Investor Honor Roll)
- Newsletter Sponsorship: \$150**

 - Business card advertisement in newsletter (September – May)

ASHRAE/AMCA—Alaska Chapter Presents:



ASHRAE Research Promotion

“Big shots
are only lit-
tle shots
who keep
shooting”
Christopher
Morley

“Aim Small
Miss Small”
Mel Gibson,
The Patriot

The tournament will be Sporting Clay walkthrough Format. There will be outgoing targets, incoming targets with a 3 second drop. Walkthrough Shooting is at the Northern end of the range. Every shooter will have individual Score sheet with shooter name and Team name.

There will be 4 True Pairs and 4 Report pairs of birds in the walkthrough Format for each station. Only load 2 shells at a time.

Shotguns will be provided at each station (Mix of Over Under’s and semi auto’s). You may bring you own also. 12 GA shot guns are recommended. Mandatory bring Eyes and Ear protection. Rain Jackets and Muck boots are recommended.

Timeline of Event: 10:00–11:00–Registration. 11:00-12:00 Lunch. 12:00–12:30 Safety Briefing. 12:30–4:00 Tournament. 4:00–5:00 Tally and Awards.

Timelines are Approximate. May Finish Earlier

Please fill out form and send to:

Philip Hayes, 2023-2024 RP Chair
E-mail: Philip.Hayes.2@outlook.com
Phone: (907) 382-7708

Thanks For Supporting ASHRAE AK

DISCOVER



ENGINEERS WEEK®

FEBRUARY 18–24, 2024

Society Sponsors:

Alaska Society of Professional Engineers

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American Society of Landscape Architects

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ASHRAE

Illuminating Engineering Society

Institute of Electrical and Electronics Engineers

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Society for Marketing Professional Services

Society of American Military Engineers

Society of Petroleum Engineers

Society of Women Engineers

Structural Engineers Association of Alaska

Visit <http://eweekak.com/> for a complete list of national sponsors

December 1, 2023

Dear Fellow Engineer's week supporter,

E-Week is dedicated to recognizing the diverse and well-educated future engineering workforce by increasing understanding and interest in engineering and technology careers. We are making a difference in our everyday work, but it often goes unnoticed, even by those of us doing it. The Anchorage E-Week Steering Committee needs your help to change that.

This year the theme of Engineers Week is **welcome to the future**.

You can support E-Week celebrations by donating, volunteering, and participating! Below are several opportunities available:

- **Classroom Speaking:** Enter a classroom to share your job and profession on a personal level, exposing students to all backgrounds of engineering.
- **Journey into engineering at UAA:** This is an opportunity for students, parents and teachers to learn more about the different disciplines at the UAA College of Engineering. Each night participants can watch live demonstrations of our research labs and meet faculty members from Civil Engineering, Mechanical Engineering, Electrical Engineering, Computer Science and Engineering, Geomatics and Project Management.
- **UAA Student Competitions:** Challenge hundreds of students from kindergarten through high school to apply reasoning and ingenuity to successfully navigate the UAA student competitions, helping to develop important skills for future engineers.
- **Scholarships:** Donate money or judge the applications for our scholarship program for graduating high school seniors entering engineering degree programs including a rural community category for students in smaller school districts.
- **Company/Organization Exhibits:** Get your company or professional organization to create a display that shares your projects, services, and efforts to help educate the public about the important work engineers contribute to our Alaskan communities.
- **Project Awards, Engineer of the Year, and E-Week Banquet:** Join us as we come together to celebrate our accomplishments and those of our peers with the Engineer of the Year and The Engineering Excellence Awards. Help encourage the next generation of engineers by recognizing students across Alaska for their achievements in math, science, and technology.

Please join us in cultivating and celebrating engineering. You can give funds designated to help support scholarship efforts directly or unspecified to be used where needed. Please complete the attached pledge form and send it in with your donation so we can recognize you during our E-week activities.

Feel free to reach out to any of the E-Week Steering Committee members to find out about specific volunteer opportunities.

If you have questions about how your funds will enrich our E-Week efforts, please contact Sam Ratnasigamani at samr@rsa-ak.com or 907.865.0558.

Sincerely,

Anchorage E-Week Steering Committee

Hi All,

Happy New Year!

We have exciting news coming up regarding the winter conference (please see the attached flier)

Also, we have the E Week student competitions on February 17th 2024 at UAA.

Please tune in for more details.

As of the end of last year, we have 10 student members. Please encourage anyone you know to join as a student member. The cost is \$25 and it is reimbursed by our local chapter!

Thanks for supporting ASHRAE Student Activities.

Sam Ratnasigamani

SA, ASHRAE AK.

samr@rsa-ak.com



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After 35 Years MBA is excited to announce **we have moved!**

Please update your contacts to:

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George Hearin
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www.stinebaugh.com · ghearin@stinebaugh.com

Engineered HVAC Solutions



ASHRAE/ AMCA—Alaska Chapter Presents:

2024 RP & Scholarship SHOOTOUT

“Big shots are only little shots who keep shooting”
Christopher Morley

“Aim Small Miss Small”
Mel Gibson, The Patriot

Date: May 31, 2024

Where: Birchwood Recreation & Shooting Park

Time: 10:00 AM - 5:00 PM

Event:

- 1) 5 member teams will be competing in Walkthru Type Shoot
- 2) Each team member will be provided with 5 boxes of ammunition.
- 3) Shotguns rentals are included in the event cost, (or bring your own).
- 4) Lunch, Snacks and drinks will be available.

Cost: \$160 per person/\$800 per team

Benefit: Proceeds go to ASHRAE Research Promotion and \$1000 to Alaska Scholarship

Shooters:

- 1) _____
- 2) _____
- 3) _____
- 4) _____
- 5) _____

Range Sponsor: \$250
Company Name for Stand: _____

Shotgun Sponsor: \$250
Company/Individual Name: _____

Ammunition Sponsor: \$500
Company/Individual Name: _____

Payment Method (please circle): On-line Check

For on-line payments, see the RP Shootout page at: ashraealaska.com/events
For check payments, please make payable to: “ASHRAE Alaska Chapter”

Contact Phone Number: _____

Please fill out form and send to:

Philip Hayes, 2023-2024 RP Chair
E-mail: Philip.Hayes.2@outlook.com
Phone: (907) 382-7708

Thanks For Supporting ASHRAE AK



ASHRAE Research Promotion

Anchorage E-Week 2024 Pledge Form (Due January 31st)



Individual / Organization Name _____

Address _____

Phone _____

Contact _____

Donation Amount

General _____ (payable to **National E-Week - Anchorage**)

Scholarship _____ (payable to **Alaska Engineering Education Foundation***)

*Donations to AEEF for all scholarships are tax deductible

Please see <http://alaskaeef.org/scholarships/> for more details. Payments can also be made online at: <http://eweekak.com/>

Please mail donations by January 31, 2024 to:

Anchorage Chapter, Alaska Society Of Professional Engineers
c/o Gerry R. Brown
P.O. Box 242553
Anchorage, AK 99524-2553

Thank you for supporting Anchorage E-Week 2024!

Giving Levels

Leadership	Diamond	Platinum	Gold	Silver
\$1,500 or more	\$1,000 - \$1,499	\$500 - \$999	\$250 - \$499	\$1-\$249
