



# BAY BREEZE BULLETIN



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## President's Message

February always feels like the month when the year really gets moving, and our chapter is already building great momentum. We started off the year strong with high attendance at our January technical meeting and are poised to have several great events ahead thanks to the support of our company sponsors. Your contributions help us continue offering high-quality experiences for our members. We could not continue to be as strong without our members.

Our Annual Bocce Ball Tournament in April is coming up soon, and planning is well underway. This event is a long-standing favorite for our chapter and plays an important role in supporting our chapter goals each year. An email went out earlier this month asking for volunteers, and if you've ever thought about getting more involved, this is a fun and meaningful place to jump in! Whether you can help with planning or just lend a hand on the day of the event, we would really appreciate the time.

Be sure to keep an eye on our chapter updates. Whether you're hoping to learn something new, meet more people in the industry, or just enjoy spending time with the community, I hope you'll join us. Thank you for being part of our chapter and for helping make this year a strong one already. I hope to see you at this year's Winter Conference or at our "Engineering The Ice" event later this month!

**Jacob Saxinger**

2025-2026 San Jose Chapter President

[Check Out Our Other  
Newsletter Issues Here](#)

[www.sjashrae.org](http://www.sjashrae.org)

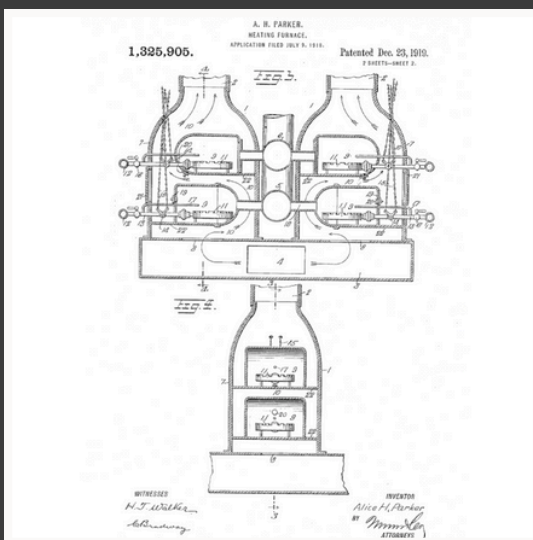
# BLACK HISTORY MONTH INNOVATORS IN HVAC

BY SIGRID DERICKSON (HISTORIAN) & CAT WOOD (DIA CHAIR)



## Lewis Howard Latimer (1848 - 1928)

Lewis was born in Chelsea, Massachusetts six years after his parents had run away from slavery in Virginia. He falsified his age and joined the US Navy in 1864 and sought employment after he was honorable discharged. He was promoted through his drafting skills and eventually was invited to work for Thomas Edison in New York in 1884. He patented an "Apparatus for Cooling and Disinfecting" in 1886 which operated as an evaporative air conditioner and was a precursor to modern air conditioners. [1] [2]



## Alice H. Parker (1895 - unconfirmed)

Alice's background is not well documented. She was born in 1895 in Morristown, New Jersey, and later attended classes at Howard University in Washington, D.C. She patented a gas-powered central heating system in 1919 with a unique multiple yet individually controlled burner system. Her design laid the foundation for modern forced-air heating systems. [1]



## Frederick McKinley Jones

(1893 - 1961)

After serving in France in World War I, he worked as a garage mechanic. He became a self-taught engineer with over 60 patents including self-starting gas motor and portable refrigeration units. He built a refrigeration unit for trucks, which was compact, shockproof, and automatic and used his self-starting motor. This marked the start of the company he founded with Joseph Numero, Thermo King. The design for portable refrigeration units became critical during WWII for preserving blood and medical supplies. [1][2]



## David Nelson Crosthwait Jr.

(1898 - 1973)

Crosthwait was the first African American man to be inducted in the ASHRAE College of Fellows. He designed the heating systems for Radio City Music Hall and Rockefeller Center in NYC. He received patents on 39 inventions relating to the design, installation, testing, and service of HVAC power plants. After retiring from business in 1969, he taught a course on steam heating and controls at Purdue University. You can read more on him in the ASHRAE article [here](#). [1]



## Adrienne Bennett

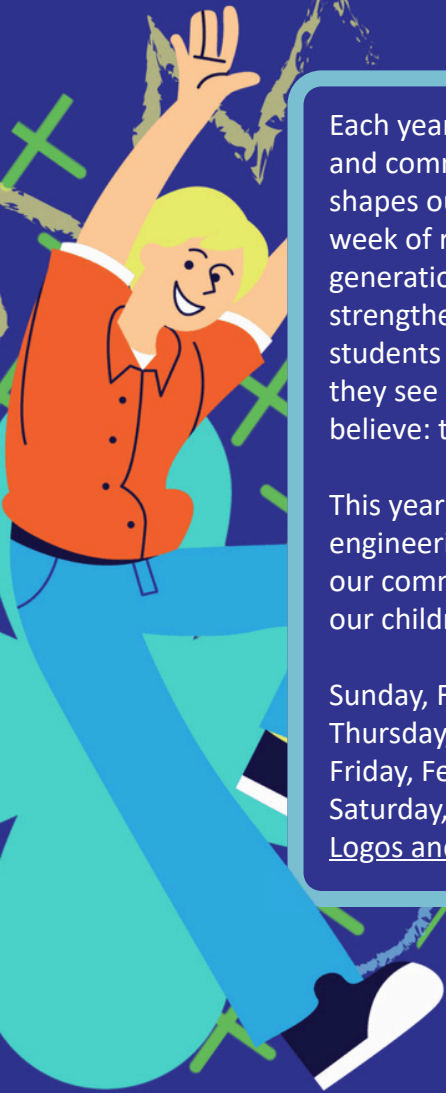
(1954 - )

Adrienne became the first black female master plumber and contractor in the US at age 30. She is also the first African-American female plumbing inspector and certified medical gas inspector and installer. Now, over three decades later, she is the Founder and CEO of her very own Detroit-based contracting company, Benkari LLC, a commercial plumbing and water conservation business. [1]

DISCOVER   
ENGINEERS WEEK®

FEBRUARY 22-28

# TRANSFORM YOUR FUTURE



Each year, Engineers Week (EWeek) unites engineers, students, and communities across the nation to celebrate how engineering shapes our world. Founded by NSPE in 1951, EWeek is more than a week of recognition; it's also a movement to inspire the next generation of innovators, spotlight the impact of our profession, and strengthen connections across our engineering community. When students see how engineering can make a real difference—and when they see people who look like them in those roles—they begin to believe: this could be my future, too.

This year's theme, *Transform Your Future*, is a powerful reminder that engineering doesn't just shape our world—it shapes our opportunities, our communities, and the futures we can imagine for ourselves and our children.

Sunday, February 22. #Eweek2206 Kick Off  
Thursday, February 26. Celebrate #GirlDay2026  
Friday, February 27. #FEYA2026  
Saturday, February 28. Last day of #Eweek2026  
[Logos and Resources](#)



## Celebrate Amazing Engineers and Inspire the Next Generation



San Jose ASHRAE Presents

# ENGINEERING THE ICE



Join us for a behind-the-scenes tour and technical talk on arena refrigeration systems—then stick around for the hockey game, post game country concert and some cool fun on ice!

Learn, explore, and chill with us—literally!

**FEB 21, 2026 | AT 4:00 PM**

TECH CU Arena 1500 S 10th St, San Jose, CA 95112

REGISTRATION: \$50

CHECK IN @ 3:30 P.M.

San Jose ASHRAE Presents

# ENGINEERING THE ICE

*Support Our Event!*

## Catering - \$2000

Includes:

- 3 Tickets to the Event
- Shoutout as Catering Supporter for the event
- Company Logo displayed at tables

## Bar – \$1000

- 2 Tickets to the Event
- Shoutout as Drinks Supporter for the event
- Company Logo displayed at Bar



Register on the  
SJ ASHRAE  
website [here](#)

**Contact:**

ANDREW BARRETT  
andrew.barrett@trane.com





# SAN JOSE ASHRAE ANNUAL BOCCE BALL TOURNAMENT

## CAMPO DI BOCCE

📍 565 UNIVERISTY AVE, LOS GATOS, CA 95032

**APRIL 30, 2026**

5:00 PM CHECK IN  
5:30 PM GAMES START  
7:30 PM ANNOUNCEMENTS

## ADMISSION

\$800 SINGLE TEAM  
\$60 DINING ONLY

## SPONSORSHIPS

A portion of all proceeds will be donated to RP goal under sponsor name.

**DETAILS COMING SOON**

[SJASHRAE.ORG](http://SJASHRAE.ORG)

REGISTRATION COMING SOON

**EMPOWER ELEVATE LEAD BELONG!**



Mon April 13,14<sup>th</sup>  
2026



Omni Hotel  
Los Angeles, CA



# WOMEN IN ASHRAE LEADERSHIP SYMPOSIUM 2 FULL DAYS



- Inspiring Keynotes, Workshops
- Expanded Networking, Mentorship
- EmpowerHERment Award Competition



April 13-14, 2026  
Los Angeles California





# Chapter Technology Transfer Committee

## What is the Chapter Technology Transfer Committee?

The Chapter Technology Transfer Committee (CTTC) focuses on the efficient transfer of technical and research advancements throughout the HVAC&R industry.

If you're interested becoming a member of the CTTC, reach out to our CTTC Chair!



Sarah Rock  
CTTC Chair  
2025 - 2026  
[srock@svminc.com](mailto:srock@svminc.com)

## Calling All Professional Engineers!

We're looking at hosting a special **Order of the Engineer Induction Ceremony** this April, just before our monthly meeting, and we want to **gauge interest**.



If you're a registered Professional Engineer or have already been inducted into the Order of Engineers and received your engineering ring, we'd love to hear from you!

This is a great opportunity to celebrate your achievement and connect with fellow professionals.

**Interested?** Reach out to [srock@svminc.com](mailto:srock@svminc.com) and let us know so we can make this event memorable!

## Reminder to Please Share Your Technical Meeting Ideas!

It only takes a minute! Your ideas help us bring in speakers and topics that support your professional growth and keep our chapter at the forefront of HVAC&R knowledge.

Fill out the form on our [CTTC page](#).

**Sarah Rock**

2025-2026 CTTC Chair



# Government Affairs

## What is the GAC?

The Government Affairs Committee (GAC) is responsible for organizing ASHRAE members to educate local, state, provincial, and national government bodies and officials in areas of interest to ASHRAE members, and to promote effective cooperation between ASHRAE members and government.

If you're interested in volunteering for the Government Affairs Committee, reach out to our GAC Chair!



Elise Kiland  
GAC Chair  
2025 - 2026  
ekiland.ashrae@gmail.com

## ASHRAE Government Affairs

Stay informed on the latest news. Subscribe to ASHRAE's bi-weekly Government Affairs Update!

[SUBSCRIBE HERE](#)

[www.sjashrae.org](http://www.sjashrae.org)

## ASHRAE Announcements

### United States Withdraws from 66 International Organizations Including UNFCCC

In February 2025 the Trump administration instructed the U.S. Department of State to review U.S. support for all global agreements and organizations. Subsequently, in an executive order issued on January 7, 2026, the country withdrew from 66 such organizations, including the U.N. Framework Convention on Climate Change (UNFCCC). The UNFCCC was established in 1992 as a treaty that sets a legal framework for international negotiations to address climate change. Under the treaty, nations gather annually for the Conference of Parties (COP) summit, and nations have used this framework to set their climate targets with mechanisms like the Paris Agreement and the Kyoto Protocol. Withdrawal from the treaty makes American participation in future climate action uncertain.

### ASHRAE Accepting Internship Applications

The ASHRAE Washington Office is still accepting applications for the WISE program for its summer 2026 session. See page 11 for more information.

## Local Announcements

### The California ASHRAE Government Outreach Event is Scheduled for April 27th!

We're excited to invite you to the upcoming CA ASHRAE Government Outreach Event on April 27th 2026, taking place on Capitol Hill in Sacramento, CA. This is a great opportunity to engage with policymakers and advocate for our industry.

Government outreach events aim to foster meaningful dialogue between the HVAC&R industry professionals and policymakers. Engagement in these discussions helps ASHRAE bridge the gap between technical expertise and legislative frameworks, furthering our mission to create a more sustainable future.

**Please reach out to our GAC Chair if you are interested in attending!**

Government Affairs | [www.ashrae.org/about/government-affairs](http://www.ashrae.org/about/government-affairs)



Government Outreach Day, 2025

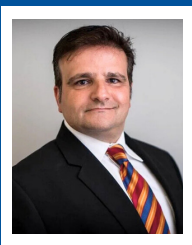


# Student Activities

## What is the Student Activities Committee?

The Student Activities Committee's primary mission is to promote awareness of ASHRAE and related careers among students from K-12 through college. The committee supports student branches at universities, organizes educational and networking events, and encourages participation in ASHRAE programs such as scholarships, competitions, and mentorship opportunities.

If you're interested becoming a member of the student activities committee, reach out to our student activities chair!



Sargon Ishaya  
Student Activities Chair  
2025 - 2026  
[sargon@pragmaticpe.com](mailto:sargon@pragmaticpe.com)

[www.sjashrae.org](http://www.sjashrae.org)

## Competition Deadlines

### **2026 Design Competition**

*for a new university campus building in Denver, Colorado*

**Deadline: May 4, 2026\***

### **2026 Applied Engineering Challenge**

*for innovative residential heat exchange system between domestic hot and cold-water systems*

**Deadline: May 4, 2026\***

\*Teams recommended to register at least 30 days prior

## ASHRAE Accepting 2026 WISE Applications

**Deadline: February 27, 2026**

Program Dates: May 31-July 31, 2026

The ASHRAE Washington Office is still accepting applications for the **Washington Internship for Students of Engineering (WISE)** program for its summer 2026 session. ASHRAE will host an outstanding undergraduate or graduate engineering student to spend nine weeks in Washington, D.C. as part of this program. During the internship, the selected individual will join 8-12 peers (sponsored by other organizations) to learn how government officials make decisions on complex technological issues and how engineers can contribute to legislative and regulatory public policy decisions. The students, who must be U.S. citizens, then write an in-depth research paper on a relevant technology issue and assess potential policy responses.

We also wanted you to know that **ASHRAE Presidential Member Sheila Hayter** was a past participant of the program! The selected individual will receive a **\$3,000 living stipend and housing on George Washington University's campus** for the duration of the program. For more information on the program and to apply, click **HERE!**

Student Activities | <https://www.ashrae.org/communities/student-zone>



Certified

# ASHRAE Certification

Advance Your Career Today!



**Over 1,000 Test Centers Worldwide**  
Safe, secure and convenient.

With already more than 4,000 certifications earned to-date, ASHRAE programs were founded to meet the industry needs of today and provide value to thousands of built-environment professionals, employers and building owners.

[ashrae.org/certification](http://ashrae.org/certification)

## Building Commissioning Professional (BCxP)



- The BCxP certification validates competency to lead, plan, coordinate and manage a commissioning team to implement commissioning processes in new and existing buildings.
- Recognized by the U.S. Department of Energy (DOE) as meeting the Better Buildings Workforce Guidelines (BBWG),

## Building Energy Assessment Professional (BEAP)



- The BEAP certification validates competency to assess commercial building systems and site conditions, analyze and evaluate equipment and energy usage, and recommend strategies to optimize building resource utilization.
- The BEAP certification is integral to ASHRAE's Building Energy Quotient (BuildingEQ) program by helping to ensure that only qualified practitioners can submit In Operation Workbooks to receive building ratings from ASHRAE.

## Building Energy Modeling Professional (BEMP)



- The BEMP certification validates competency to evaluate, select, implement, calibrate and interpret the results of energy modeling software when applied to new and existing building and systems energy performance.
- The BEMP certification complements ASHRAE's Building Energy Quotient (BuildingEQ) program by helping to ensure that only qualified practitioners can submit As Designed Workbooks to receive building ratings from ASHRAE.

*"Because of the high level of expertise, professionalism and ethics demonstrated by ASHRAE, achieving certification under their established requirements implies one of the highest levels of competence and knowledge available in the industry."*

Jeffrey G Ross-Bain, BCxP, BEMP, Ross-Bain Green Building, LLC

## NEW! Certified Decarbonization Professional (CDP)



- The CDP certification validates competency to assess, analyze, and develop effective and sustainable strategies that reduce/eliminate the life-cycle carbon footprint of new and existing buildings.

## Certified HVAC Designer (CHD)



- The CHD certification validates competency of an HVAC Designer, working under the responsible charge of an engineer, to design HVAC systems to meet building/project requirements, including load calculations, equipment selection and sizing, mechanical equipment room design, duct and piping design and layout for the development of HVAC plans for permit and construction.
- In an Industry Need survey, ASHRAE member respondents who influence the hiring decision agree the CHD is a tool to identify competent new hire prospects.

## High-Performance Building Design Professional (HBDP)



- The HBDP certification validates competency to design and integrate sustainable HVAC&R systems into high performing buildings.
- Today's building design market requires use of ground-breaking technologies in new and existing structures to meet the need of building owners.

## Healthcare Facility Design Professional (HFDP)



- The HFDP certification validates competency to incorporate standards, guidelines as well as unique healthcare facility requirements and design principles in HVAC system design.
- Advances in technology, shifting environmental requirements and an increasingly older population have created a critical need for expansion and renovation of healthcare facilities.

# The Benefits of an ASHRAE Certification

## Value for Certification Earners

- ✓ Validation of specialized knowledge, skills and ability
- ✓ Unparalleled recognition
- ✓ Career development

## Value for Employers

- ✓ Identify and recruit qualified professionals
- ✓ Elevated credibility among customers
- ✓ Greater employee job satisfaction

## Easy Steps to ASHRAE Certification

### 1. Read the *Candidate Guidebook*

Visit [ashrae.org/certification](http://ashrae.org/certification) and download the guidebook for the program in which you are interested.

### 2. Complete the Application

Application discounts for ASHRAE Members.

### 3. Schedule an Examination

Schedule your exam at one of over 1,000 test centers worldwide.

### 4. Renew the Certification

Each certification is renewable every three years.

**[Certification@ashrae.org](mailto:Certification@ashrae.org) | 1-678-539-1105**

## Digital Badging

Helps you get the recognition you've earned.

