



# **Leadership Presentation**

## **2023 ASHRAE Fall Chapter Regional Conference**

## Code of Ethics

*"We will act with honesty, fairness, courtesy, competence, inclusiveness and respect for others, which exemplify our core values of excellence, commitment, integrity, collaboration, volunteerism and diversity, and we shall avoid all real or perceived conflicts of interest."*

## Harassment and Discrimination Policy

ASHRAE strictly prohibits and does not tolerate discrimination against members or applicants for membership because of such individual's race, color, religion, age, sex, sexual orientation, national origin, physical or mental disability, pregnancy, genetic information, veteran status, uniformed service member status, or any other category protected under applicable law.

## Commercialism

**ASHRAE's Commercialism Policy** allows for Society activities that fulfill the mission of technological advancement with adherence to business plans that generate income to offset operational expenses such as AHR Exposition, ASHRAE periodicals, website, and Society conference events such as the Welcome Party, luncheons, registration kits, and receptions.  
[ashrae.org/commercialism](https://ashrae.org/commercialism)

View ASHRAE Governing Documents at [ashrae.org/about/governance](https://ashrae.org/about/governance)



# Nominations



## Council and Committee Nominations

JUN  
2023

Speak with your committee ExO/CO if your current appointment/elected position ends in **June** to be nominated for another position.

SEP  
2023

Nominations for elected positions are due **September 15, 2023**. (Publications & Education Council, Tech Council, RAC, TAC, Standards, Handbook, Nominating)

FEB  
2024

Nominations for appointed committees are due **February 2024**.

Submit nominations for others and/or yourself  
[ashrae.org/committee-nominations](https://ashrae.org/committee-nominations)

## Honors & Awards Nominations

ASHRAE's awards fall into one of six categories:

1. Personal Honors
2. Personal Awards for General & Specific
3. Society Activities
4. Paper Awards
5. Society Awards to Groups or Chapters
6. Chapter and Regional Awards

Depending on the award, deadlines are either  
**May 1** or **December 1** each year.

Awards information and nomination forms  
[ashrae.org/honorsandawards](https://ashrae.org/honorsandawards)

# 2023-24 Board of Directors

## Executive Committee



### President



Ginger Scoggins, P.E.  
Fellow ASHRAE,  
Raleigh,  
North Carolina

### President-Elect



Dennis Knight, P.E.  
Fellow ASHRAE  
Mt. Pleasant  
South Carolina

### Treasurer



Bill McQuade, P.E.  
Fellow ASHRAE  
Jessup,  
Maryland

### Secretary



Jeff Littleton  
Peachtree  
Corners, Georgia

### Vice Presidents



Billy Austin, P.E.  
Fellow ASHRAE,  
BCxP, BEAP, BEMP,  
HBDP, HFDP, OPMP  
Charlotte, North  
Carolina



Ashish Rakheja,  
Noida, Uttar Pradesh,  
India



Wade Conlan, P.E.  
BCxP, CxA  
Maitland, Florida



Chandra Sekhar, Ph.D.,  
CPEng.  
Fellow ASHRAE  
Singapore

# 2023-24 Board of Directors

## Director and Regional Chairs



### Region I



Steven C. Sill  
Sterling, New York

### Region II



Ronald Gagnon  
Quebec, Canada

### Region III



Mark Tome, P.E., HFDP  
Harrisburg, Pennsylvania

### Region IV



Bryan Holcomb  
Oak Ridge, North Carolina

### Region V



James Arnold, P.E.  
Dublin, Ohio

### Region VI



Susanna Hanson  
La Crosse, Wisconsin

### Region VII



Scott Peach, P.E.  
Mobile, Alabama

### Region VIII



Joseph Sanders  
Oklahoma City, Oklahoma

### Region IX



Jonathan Smith, P.E.  
Lenexa, Kansas

### Region X



Buzz Wright, P.E.  
Tucson, Arizona

### Region XI



Eileen Jensen, P.E.  
Vancouver, Washington

### Region XII



John Constantinide, P.E.,  
Merritt Island, Florida

### Region XIII



Cheng Wee Leong, P.E.,  
Singapore

### Region XIV



Mahroo Eftekhari, C.Eng., CDPhil  
Loughborough, England

### Region-at-Large



Richie Mittal  
New Delhi, India

# 2023-24 Board of Directors

## *Directors-at-large*



Doug Cochrane, P.Eng.  
Mississauga, Ontario, Canada



Blake Ellis, P.E.  
Overland Park, Kansas



Dru Crawley, Ph.D., BEMP  
Washington, D.C.



Corey Metzger, P.E.  
Ames, Iowa



Art Giesler  
Colleyville, Texas



Wei Sun, P.E.  
Ann Arbor, Michigan



Kishor Khankari, Ph.D.  
Ann Arbor, Michigan



Luke Leung, P.E.  
Clarendon Hills, Illinois



Heather Schopplein-Anderson, P.E.  
Santee, California



# Diversity, Equity, & Inclusion (DEI) in ASHRAE



## Members



Kishor Khankari  
(Chair)



Susanna Hanson  
(Vice Chair)



Devin Abellon



Mahroo Eftekhari



Cheng Wee Leong



Dunstan Macauley



Heather Schopplein-Anderson



Jonathan Smith



Tanisha Meyers-Lisle  
(Staff Liaison)

## Purpose

**Provides recommendations and advice to the Board of Directors on the following:**

- Matters relating to improving organizational awareness and performance relating to DEI amongst both staff and the Society membership.
- Develop a DEI strategic plan and annual budgets for the program.
- Recommend policies to increase and improve inclusion within ASHRAE and the HVAC&R Industry and help the Society meets its commitments to fairness and equal opportunities.

**Resources Available at [ashrae.org/dei](https://www.ashrae.org/dei)**

# 2023-24 ASHRAE President Ginger Scoggins

Webpage & Facebook Page

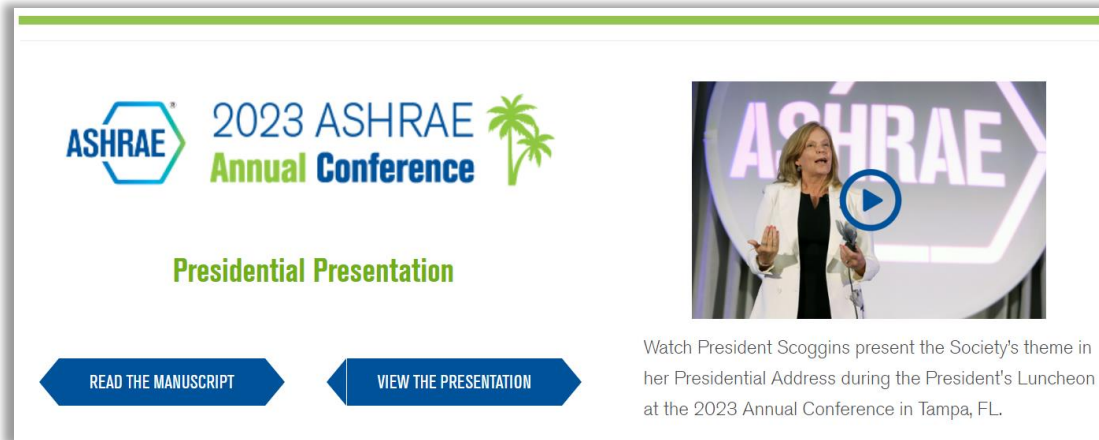
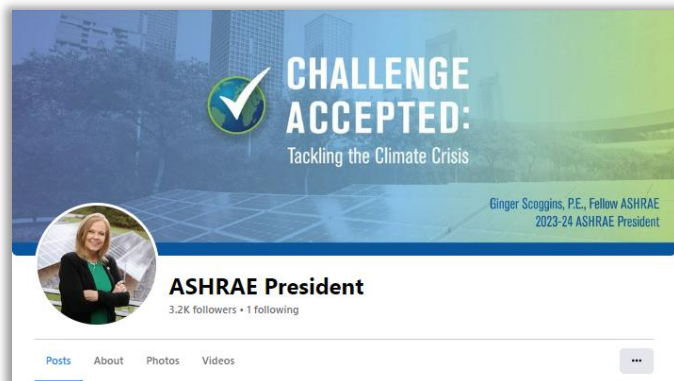


Read more about Ginger's life, career and her Society Year theme,  
*Challenge Accepted: Tackling the Climate Crisis*

- Bio
- Abstract
- Full manuscript
- Presidential Presentation
- President's Luncheon Video
- Top 10 Ways to Decarb

Download these resources at

[ashrae.org/president](https://ashrae.org/president)



"Like" Ginger on  
[facebook.com/ashraepresident](https://facebook.com/ashraepresident)



# Decarbonization Challenge Fund



This competitive grant program was created to assist ASHRAE Members and Chapters in implementing decarbonization projects.



Grants \$1,000 - \$10,000 USD

[ashrae.org/decarbchallenge](https://ashrae.org/decarbchallenge)



**CHALLENGE  
ACCEPTED:**

Tackling the Climate Crisis

**August 2023:** Applications Open

**November 2023:** Applications Due

**January 2024:** Winning applicants are invited to attend the 2024 Winter Conference in Chicago to be recognized by ASHRAE President Ginger Scoggins.

**June 2024:** Project Teams will be invited to participate in a panel at the 2024 Annual Conference in Indianapolis to discuss the implementation of their Project.

# Task Force for Building Decarbonization



Through its Working Groups with over 100 volunteers from around the world the **Task Force For Building Decarbonization** (TFBD) is working to implement strategy, direction, and successful products and services for the industry relating to building decarbonization.

## Products and Services Include:

- Seven Guides
- Six Video Series
- Creating content for a Knowledge Hub
- Establishing relevant training & education

Available for Download



## Technical Guide Release Timeline

*Subject to Change*

July 2023

Grid Interactive Buildings

Jan 2024

Heat Pumps

TM65 for North America

Whole Life Carbon

Decarbonizing Hospital Buildings

July 2024

Building Decarbonization Retrofits



[ashrae.org/decarb](https://ashrae.org/decarb)

# Global Technical Interaction Committee



**NEW**

## Scope and Purpose

Responsible for harnessing the technical resources of ASHRAE to impact international standards and maximize the global influence of ASHRAE standards, guidelines and other technical products on the practice of HVAC&R and the built environment.

This includes developing, implementing and managing processes that enable information flow and coordination between chapters, technical committees, standard project committees and international technical advisory groups.

## 13 Voting Members

- ✓ Chair
  - ✓ Vice Chair
  - ✓ StdC and TAC Vice Chairs
  - ✓ TAG Chairs
  - ✓ 3 to 6 Global Members Outside of North America
- Non-voting BOD, ExO, CO, GAC Liaison and AASA Liaison

For more information contact Ryan Shanley, Staff Liaison: [rshanley@ashrae.org](mailto:rshanley@ashrae.org)

# Government Affairs

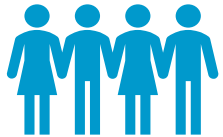
Get Involved + Get Resources at [ashrae.org/govaffairs](https://ashrae.org/govaffairs)



## GOVERNMENT OUTREACH EVENTS



**100+** Events



**450+**  
Members  
in Attendance

## GOVERNMENT AFFAIRS UPDATES



**486** Articles



**2,372** Readers

Sign up online or email  
[GovAffairs@ashrae.org](mailto:GovAffairs@ashrae.org)

## LETTERS, BRIEFINGS, TESTIMONY, COMMENTS



**34**  
messages  
in support of  
ASHRAE's  
Public Policy  
Priorities and  
Positions

# Society Snapshot Forecast

Download the Snapshot at [ashrae.org/society-snapshot](https://ashrae.org/society-snapshot)



## TECHNOLOGY



**21**  
STANDARDS & GUIDELINES  
PUBLISHED



**39** ACTIVE  
PROJECTS  
**4** COMPLETED  
PROJECTS



**3,800+**  
TOTAL TECHNICAL  
INQUIRIES



Printed on 100% recycled paper

## MEMBER SERVICES

### ASHRAE CONFERENCES



**53,000**  
TOTAL SOCIETY MEMBERS  
+1,200 from previous  
membership year

**198**  
TOTAL  
CHAPTERS

**282** (Virtual and  
In-Person)  
DISTINGUISHED  
LECTURER VISITS

**450**  
STUDENT  
BRANCHES

## PUBLISHING AND EDUCATION

**23**  
NEW PUBLICATIONS

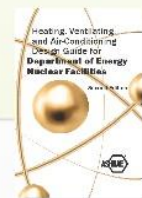
**9,680**  
COURSE ATTENDEES

**243**  
COURSE INVENTORY

**145**  
TOTAL EDUCATION  
COURSES PRESENTED

**280**  
HOURS OF TRAINING  
IN eLEARNING PORTAL

**2,000**  
CERTIFICATIONS  
HELD



## DEVELOPMENT

Forecasted SY 22-23 Results  
RP CAMPAIGN TOTAL

**\$2.6M**

WITHIN THE RP CAMPAIGN  
**\$2M** RAISED FOR  
RESEARCH  
**\$15,000** RAISED  
FOR YE  
**\$29,000** RAISED  
FOR EDUCATION

**\$2.9M** TOTAL  
RAISED

**\$8,900**  
RAISED FOR  
DECARBONIZATION EFFORTS

**\$45,000** TOTAL  
RAISED

**\$6,000** TOTAL  
RAISED

**\$735,000** TOTAL  
ADDED  
including gifts raised through RP

**\$653,581** SUPPORTING ASHRAE PROGRAMS

**73** SCHOLARSHIPS AWARDED

These totals represent more than 5,000 contributions from Members, Organizations and other Associations.

## MARKETING



**2,554,709**  
VISITS TO ASHRAE.ORG

**71,512** LIKES

**145,738** FOLLOWERS

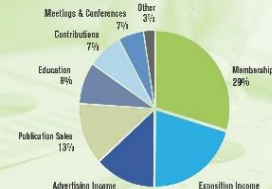
**22,598** FOLLOWERS

**7,346** SUBSCRIBERS

**3,530** FOLLOWERS

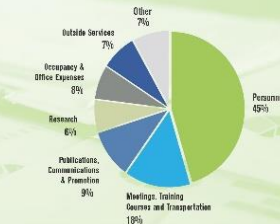
## FINANCIAL

ASHRAE SOURCE OF FUNDS  
12 Months ended June 30, 2023



**\$28,147M** REVENUE

ASHRAE APPLICATION OF FUNDS  
12 Months ended June 30, 2023



**\$28,186M** EXPENSE

## GOVERNMENT AFFAIRS



GOVERNMENT  
OUTREACH  
EVENTS



**87**  
EVENTS



**408**  
MEMBER  
PARTICIPANTS

GOVERNMENT UPDATE  
NEWSLETTERS

**493**  
ARTICLES

**2,382**  
& READERS

LETTERS & TESTIMONY

**35**

MESSAGES IN  
SUPPORT OF ASHRAE'S  
PUBLIC POLICY  
PRIORITIES & POSITIONS



**1,200 New ASHRAE Members in 2022-23!**




# Membership & Communities



## NEW! FIVE Benefit Options for New & Renewing Full Dues Paying Members

New benefit options include ASHRAE Handbook Online and Certification Study Guides (PDF). Benefits are selected during the join & renewal process.

<b>eLearning Course</b>  <b>150+</b> to choose from	<b>ASHRAE Standard</b>  <b>100+</b> to choose from	<b>ASHRAE Handbook</b>  PDF version of the most recent	<b>Handbook Online</b>  <b>4</b> most recent	<b>ASHRAE Certification Exam Study Guide</b>  <b>3</b> to choose from
---	--	--	--	---

New, Full Dues  
Paying Members  
**Automatically Get:**

<b>1 Free Registration</b>  to Winter or Annual Conference	<b>&amp;</b>	<b>12 Months FREE</b>  Handbook Online
--	--------------	---



[ashrae.org/membership](https://ashrae.org/membership)

# Supporting ASHRAE's Mission

Thank You to all the donors and volunteers for your support



## Final SY 22-23 RP Campaign Results



**\$800,000** Raised for Endowments and Scholarships



**\$298,750** Awarded via 76 Scholarships



**\$50,000** Raised by College of Fellows and Life Members Club

**Research Promotion Campaign Total \$2.7M**  
(Research, YEA, ALI, Scholarships, General)



Within the RP Campaign  
**\$1.9M** Raised for Research



More than **\$1M** Given by ASHRAE Regions, Chapters and Sections

\*Nearly 5,000 contributions from Members, Organizations and other Associations

**Donate, Volunteer and Learn More at [ashrae.org/support](https://ashrae.org/support)**

# Professional Development

Learn More at [ashrae.org/professionaldevelopment](https://ashrae.org/professionaldevelopment)

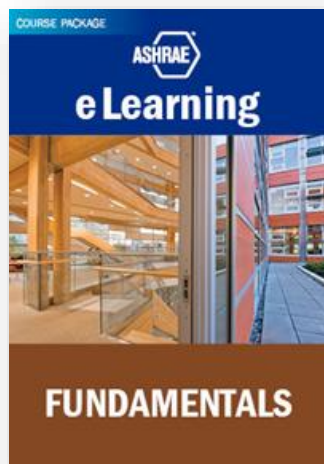


## eLearning

### Course Package

Fundamentals: HVAC Systems (IP), 21.5 PDHs

- 10 individual courses
- Most are AIA approved



[elearningcatalog.ashrae.org](https://elearningcatalog.ashrae.org)

## ASHRAE Learning Institute (ALI)

### Cities and Dates Just Added

Check the schedule of HVAC Design Courses for 2023-24.

In-person and virtual:

Level I – Essentials

Level II – Applications

+ **NEW** courses added to the Instructor-led Online Series

+ **Ask about Chapter and Company Training**

[ashrae.org/onlinecourses](https://ashrae.org/onlinecourses)

## ASHRAE Certifications

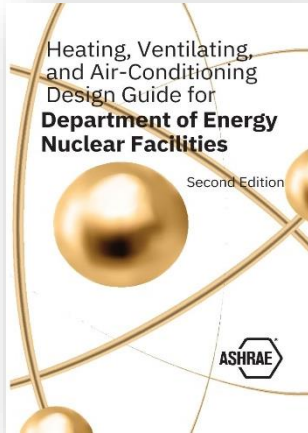
Full dues paying member benefit options now include the ASHRAE Certification Exam Study Guide (PDF)  
BCxP | BEMP | CHD



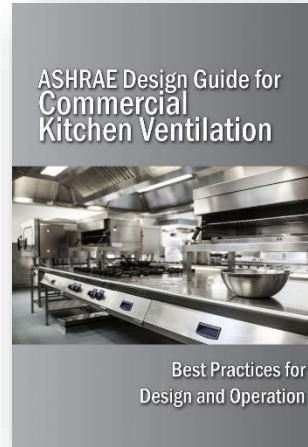
[ashrae.org/certification](https://ashrae.org/certification)

# Publications

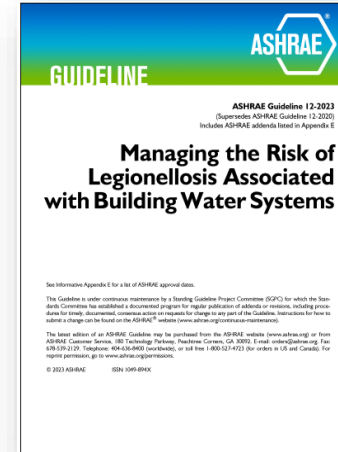
Recently published items available at [ashrae.org/bookstore](https://www.ashrae.org/bookstore)



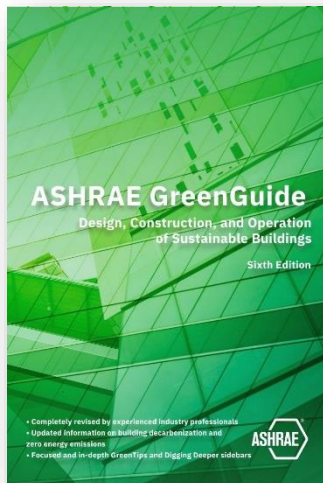
***Heating, Ventilating, and Air-Conditioning Design Guide for Department of Energy Nuclear Facilities, Second Edition***



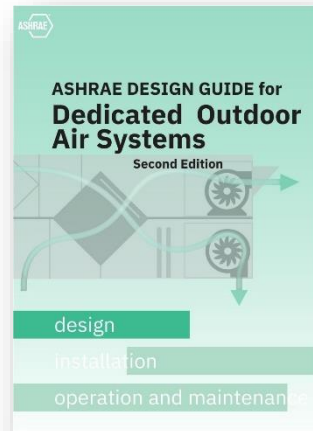
***ASHRAE Design Guide for Commercial Kitchen Ventilation: Best Practices for Design and Operation***



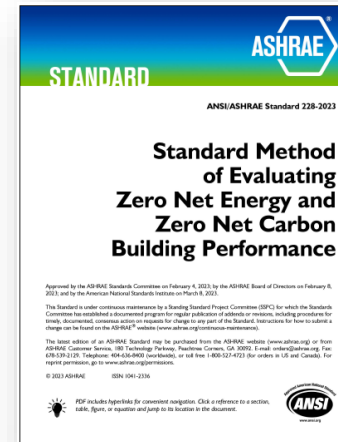
***ASHRAE Guideline 12-2023, Managing the Risk of Legionellosis Associated with Building Water Systems***



***ASHRAE GreenGuide: Design, Construction, and Operation of Sustainable Buildings, Sixth Edition***



***ASHRAE Design Guide for Dedicated Outdoor Air Systems, Second Edition***



***Standard 228-2023, Standard Method of Evaluating Zero Net Energy and Zero Net Carbon Building Performance***

# Standard 241: *Control of Infectious Aerosols*



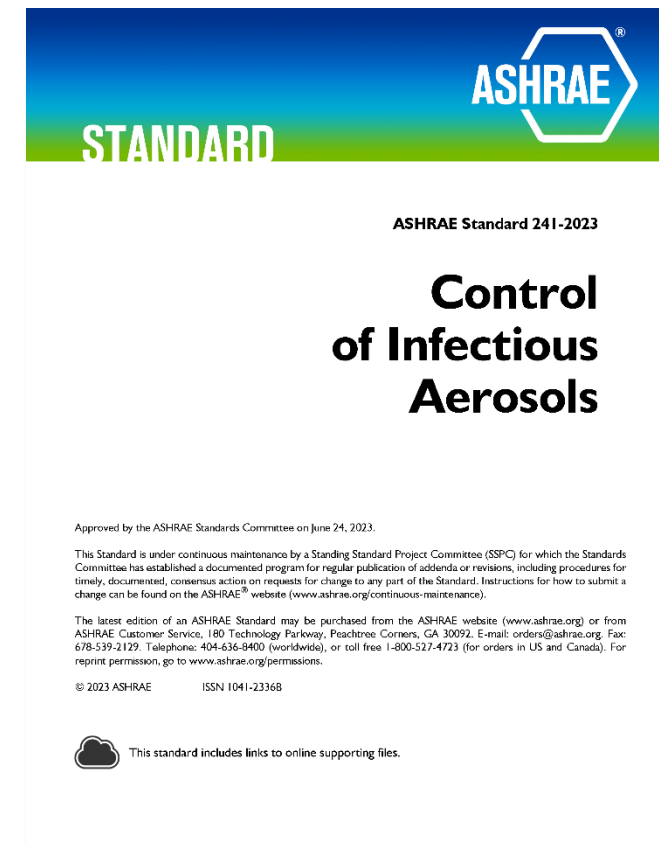
## ASHRAE Creates First Ever Pathogen Mitigation Standard

### Now Available for Purchase

ASHRAE Standard 241, *Control of Infectious Aerosols* provides minimum requirements for HVAC-related measures to reduce the risk of transmission of COVID-19, influenza, and other airborne viruses in homes, offices, schools, hospitals during periods of high risk.



[ashrae.org/241](https://www.ashrae.org/241)





# Resources

Find Technical Resources at [ashrae.org](https://www.ashrae.org)



Shaping Tomorrow's Built  
Environment Today

What Are You Looking For?



[JOIN](#) [VOLUNTEER](#) [MAKE A GIFT](#)

[BOOKSTORE](#)

[LOG IN](#)

**TECHNICAL RESOURCES** ▾

**PROFESSIONAL DEVELOPMENT** ▾

**CONFERENCES** ▾

**COMMUNITIES** ▾

**MEMBERSHIP** ▾

**BOOKSTORE**

**ASHRAE LIBRARY**

**TECHNOLOGY PORTAL**

**TECHNICAL APPS**

**FREE RESOURCES**

**ASHRAE 365 APP**

**BUILDING EQ**

**AEDGS**

**STANDARDS & GUIDELINES**

Continuous Maintenance

Project Committees (PCs)

Toolkit

Public Review Drafts

Purchase Standards &

Guidelines

Standards Actions

Standards Addenda

Standards Errata

Standards Interpretations

Apply to a Project

Committee

**90.1 PORTAL**

**ASHRAE HANDBOOK**

**ASHRAE JOURNAL**

Featured Articles

ASHRAE Journal Podcast

**HIGH PERFORMING BUILDINGS**



**SUPPLIER-PROVIDED LEARNING**

**ASHRAE TRANSACTIONS**

**ASHRAE CONFERENCE PAPERS**

**RESEARCH**

ASHRAE RP

Purchase Research

Reports

Research Strategic Plan

**TECHNICAL COMMITTEES**

**SCIENCE AND TECHNOLOGY FOR**

**THE BUILT ENVIRONMENT**

**TRANSLATED PUBLICATIONS**

**AUTHORING TOOLS**

Citation and Abstract

Indexes

Terminology

**PUBLICATION ERRATA &**

**UPDATES**

**TECHNICAL FAQs**

**RESILIENCE ACTIVITIES**

**REFRIGERATION**

# Marketing Central

Promotion Resources for the busy volunteer [ashrae.org/marketingcentral](https://ashrae.org/marketingcentral)



## Templates for all your Communication Needs

A template created by ASHRAE was shared with you, start designing now



1080px x 1080px

Use template

## Download PowerPoint Presentations



## Find logos, Brand Guide, Acronym Guide and more!



Flyers & Brochures | Videos | Toolkits | Tradeshow | Graphics

# Building EQ Energy Genius Award



## Applications are Open!

The Building EQ Energy Genius Award recognizes excellence in the assessment of building energy performance and is open to approved Building EQ Portal projects.

**Apply by December 31**

**[ashrae.org/buildingeq](http://ashrae.org/buildingeq)**



# Eunice Foote Decarbonization Award



## Applications are Open!

The Eunice Foote Decarbonization Award recognizes a member who works to reduce carbon emissions in the built environment.

The award is named after the scientist who discovered the greenhouse gas effect and played a vital role in the women's rights movement. The first award will be presented at the 2024 Annual Conference.



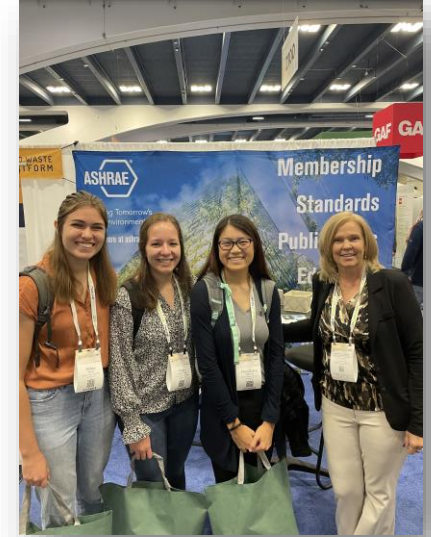
*Credit: Carlyn Iverson/NOAA*

**Nomination Deadline: December 1**  
**[ashrae.org/membership/honors-and-awards#eunice](https://ashrae.org/membership/honors-and-awards#eunice)**

# Upcoming Tradeshows & Events



WHAT?	WHEN?	WHERE?
AHR Expo Mexico	Sept. 19-21, 2023	Mexico City, Mexico
Greenbuild	Sept. 26,29, 2023	Washington, DC
COP28	Nov. 30 – Dec. 12, 2023	Dubai, UAE
AHR Expo Chicago	Jan. 22-24, 2024	Chicago, IL
ACREX	Feb. 15-17, 2024	Delhi NCR, India



- Educational Resources
- Discounts on Publications
- Free ASHRAE Giveaways



Learn More and Find Resources for Tradeshows [ashrae.org/marketingcentral](https://www.ashrae.org/marketingcentral)



# ASHRAE Conferences



SEPT  
2023

## **2023 Building Performance Analysis Conference**

September 11-13, 2023 | Austin, TX

OCT  
2023

## **2023 Decarbonization Conference for the Built Environment**

October 25-27, 2023 | Washington, DC

NOV  
2023

## **8th International Conference on Energy Research and Development**

November 28-30, 2023 | Kuwait

APR  
2024

## **2024 ASHRAE International Conference on Building Decarbonization**

April 17-19, 2024 | Madrid, Spain



### **NEW Conference Hotel**

#### **Marriott Marquis Chicago**

Marriott is connected via sky bridge with McCormick Place for easy access to the AHR Expo!

Registration opens fall 2023 at [ashrae.org/2024winter](https://ashrae.org/2024winter).

[ashrae.org/conferences](https://ashrae.org/conferences)

Thank you!  
Questions or Comments?