



Hawaii Chapter

NEWSLETTER

MARCH 2024

VISIT US: [HTTPS://ASHRAEHAWAIICHAPTER.INFO](https://ASHRAEHAWAIICHAPTER.INFO)



ASHRAE HAWAII



ASHRAE_HAWAII



ASHRAE HAWAII CHAPTER

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MARK YOUR CALAENDARS FOR OUR UPCOMING EVENTS

March 9 - Chapter Meeting on
Decarbonization 101

April 4-10 - Hawaii Energy
Workshop

April 25 - Technical Seminar

May 3 - Golf Tournament

ANNOUNCEMENTS

Getting involved with ASHRAE!

Looking to get involved with ASHRAE Hawaii Chapter? Just each out to one of the officers or committee chairs! We are always looking for volunteers to help out.

Message from the Chapter President



JUSTIN CHORIKI, PE
PRESIDENT

Aloha ASHRAE Hawaii Chapter members,

I hope you all enjoyed catching up at our February event and learned something new from our Distinguished Lecturer Terry Rodgers, CPE, CPMP about Building Management Systems (BMS) and integrating BMS with the people who operate and maintain it. There was also our Do's and Don'ts presentations provided and sponsored by Air Treatment Corporation. And a round of thanks to our event sponsors Hawaii Energy, Island Controls, Johnson Controls, and Trane...we can't do what we do without your support.

Our March meeting is fast approaching and you don't want to miss this one! This very special meeting features our ASHRAE 2023-2024 Society President, Ginger Scoggins, PE, CEM, CxA, FASHRAE. President Scoggins will be presenting her distinguished lecturer topic Decarbonization 101 which provides a good foundation for understanding and applying effective decarbonization strategies, discusses the importance of the building industry's part in reducing greenhouse gas emissions, and emphasizes ASHRAE's commitment to NetZero with the production of new standards and guidelines. For more information on this meeting (and other upcoming meetings) please check out the meeting information pages on our ASHRAE Hawaii website...and don't forget to register!!

Meeting Information Page (March 9th)

<https://ashraehawaiichapter.info/meetinginfo.php?id=229>

If you'd like to get to know ASHRAE President Ginger Scoggins, what better way than to see her in person! But if you'd also like to do some quick reading ahead of time, check out the ASHRAE President page on the ASHRAE Society Webpage (link provided below).

ASHRAE President Page

<https://www.ashrae.org/about/leadership/ashrae-president>

Also in attendance at our March meeting will be our Region X Director and Region Chair (DRC), Buzz Wright, PE, FPE. He was also in attendance at our October meeting and did a quick presentation on a Tale of Two Seas. If you'd like another introduction or simply want to learn more about our Region X DRC check out this "Meet Your New Region X DRC: Buzz Wright" article posted on our Region X website (link provided below).

Meet Your New Region X DRC: Buzz Wright

<https://www.regionx.org/post/meet-your-new-region-x-drc-buzz-wright>

(continued on the next page)

President's Message

continued from page 1

We still have our Technical Seminar coming up in April, a 4-day Training Workshop featuring David Wylie also in April, our Annual Golf Tournament in May, and Installation Banquet in June with multiple other Committee events including another YEA Meet and Greet event coming up later this month. Registration for many of these events is already open so be sure to secure your seats and register today!

Hope to see you at all these great events!

Mahalo nui loa,

A handwritten signature in black ink, appearing to read "Justin Choriki".

Justin Choriki, PE

2023-2024 ASHRAE Hawaii Chapter President

2023-2024 LEADERSHIP TEAM

Meet the Officers



JUSTIN CHORIKI, PE
PRESIDENT



JOSHUA MCDONOUGH, PE
PRESIDENT-ELECT



JEANESSA SLAUGHTER
VICE-PRESIDENT



DAN MESTAS
SECRETARY



CHARLES CHALOEICHEEP, PE
TREASURER



DAVID LEBOWITZ
PAST PRESIDENT



SAMANTHA NAKAMURA, PE
BOARD OF GOVERNOR



MARITES CALAD
BOARD OF GOVERNOR



JOSH JACKSON
BOARD OF GOVERNOR

Meet the Committee Chairs



KATHLEEN KODAMA
ATTENDANCE &
RECEPTION



KEVIN LUOMA, PE
GOVERNMENT AFFAIRS



DAVID LEBOWITZ
HISTORIAN



FROILAN GARMA JR
MEMBERSHIP PROMOTION



JEANESSA SLAUGHTER
MEMBERSHIP PROMOTION



JEANESSA SLAUGHTER
NEWSLETTER EDITOR



JOSHUA MCDONOUGH, PE
RESEARCH & PROMOTION

2023-2024 GRASSROOT COMMITTEES

Meet the Committee Chairs



MARITES CALAD
TECHNICAL SEMINAR &
PRODUCT SHOW



JOSHUA MCDONOUGH, PE
CHAPTER TECHNOLOGY
TRANSFER



DAVID LEBOWITZ
WEBMASTER



JASON SORIANO
YOUNG ENGINEERS
IN ASHRAE



JEREMY LAYUGAN
YOUNG ENGINEERS
IN ASHRAE



CHARLES CHALOEICHEEP, PE
SUSTAINABILITY



DAN MESTAS
ELECTRONIC
COMMUNICATIONS



DIAMOND-PONY PEDRO
ELECTRONIC
COMMUNICATIONS

2023-2024 GRASSROOT COMMITTEES

Meet the Committee Chairs



MORGAN LORENZO
STUDENT ACTIVITIES



NOAH RODRIGUES
STUDENT ACTIVITIES



WILLIE DIGUC, PE
REFRIGERATION

FEBRUARY CHAPTER MEETING

MAHALO TO OUR
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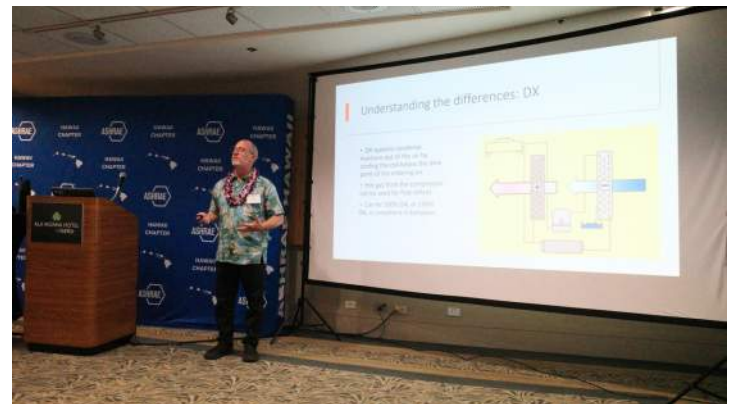


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SPECIAL MAHALO TO:

OUR MAIN PRESENTER, ASHRAE DISTINGUISHED LECTURER, **TERRY RODGERS**, AS WELL AS OUR DO'S AND DON'TS SPEAKER **PETER TEIGE**.



2024 CHAPTER PROGRAMS SCHEDULE

SATURDAY, MARCH 9, 2024

REFRIGERANT UPDATE

ALA MOANA HOTEL BY MANTRA | CARNATION ROOM | 5:30PM - 8:00PM

THURSDAY, APRIL 25, 2024

TECHNICAL SEMINAR AND PRODUCT SHOW

ALA MOANA HOTEL BY MANTRA | GARDEN LANAI ROOM | 8:30AM - 4:00PM

TUESDAY, JUNE 25, 2024

INSTALLATION BANQUET

ALA MOANA HOTEL BY MANTRA | HIBISCUS BALLROOM | 5:00PM - 8:30PM

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Do's & Don'ts Presentation



ASHRAE Hawaii
Dinner Meeting
Saturday, March 9, 2024

DECARBONIZATION 101



*Ginger Scoggins, PE, CEM,
CxA, FASHRAE
President, Engineered Designs, Inc.*

Ginger Scoggins is a licensed mechanical engineer with over 30 years of experience. She is the President and Co-owner of Engineered Designs, Inc., a full-service engineering which she founded over 25 years ago. Ginger is also a certified commissioning agent, as well as a certified energy manager, and works on the design and commissioning of projects ranging from \$4 million construction cost up to \$90 million construction cost. Her focus is on designing high-performing buildings across a wide variety of markets.

In addition to running her firm, Ginger has been heavily involved in ASHRAE since 1988 when she joined the Triangle Chapter in Raleigh, North Carolina, becoming the first female president of the chapter in the 1995-96 year, the first female Regional Vice-chair, and the first female Director & Regional Chair for Region IV. Ginger was recently named a Fellow of the organization and is the current President-Elect for ASHRAE, becoming ASHRAE president in July of 2023.

2023-24 ASHRAE SOCIETY PRESIDENT

ASHRAE DISTINGUISHED LECTURER

Membership Promotion Night

This presentation will cover decarbonization terminology, goals, and methods for engineers and owners to understand and apply effective decarbonization strategies for new and existing buildings, and will discuss the importance of the building industry to play our part in reducing greenhouse gas emissions to slow the impact we are having on the climate crises. It will also discuss ASHRAE's commitment to Net Zero and the new standards and guidelines that are being produced to help our members get started on their own journey to understanding and addressing the issues.

Please register online: <https://ashraehawaiiichapter.info/meetinginfo.php>

Registration CLOSES on Mar. 8, 2024 (or when max capacity is reached)

ASHRAE Members	\$70	Non-Members/Guests	\$80
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Ala Moana Hotel by Mantra | Plumeria Room

5:30pm - 6:00pm Networking, 6:00pm Dinner, 6:30pm Meeting

The self-parking rate at Ala Moana Hotel's parking garage with validation is \$10.00.

If you are interested in sponsoring this event, or if you have questions, please contact: joshua.mcdonough@wsp.com

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REGISTRATION & LOCATION

Ala Moana Hotel by Mantra
Garden Lanai Room

ASHRAE Members	\$75
Non-Members/Guests	\$85
Students	Free

SPONSORSHIP LEVELS

Platinum Sponsorship	\$1,500
Gold Sponsorship	\$1,000
Silver Sponsorship	\$750
Individual Sponsorship	\$100
Table Top Display	\$600



ASHRAE Hawaii
Technical Seminar & Product Show
Thursday, April 25, 2024

Futuristic Building Design & Operation



Darryl K. Boyce, P.Eng.,
Fellow/Life Member
ASHRAE
Boyce Consulting
Services

Darryl K. Boyce, P.Eng., Fellow/Life Member ASHRAE, was the ASHRAE President for the 2019-2020 term. Boyce has previously served on the board of directors as treasurer, vice president, Director and Regional Chair Region 2 and director-at-large.

Throughout his time spent with ASHRAE and in the HVAC industry, Boyce has worked on various projects to increase energy efficiency. His most recent projects include the SNOLAB project in Sudbury, Ontario, where he is responsible for the design and construction of a world class research facility for underground science.

ASHRAE DISTINGUISHED LECTURER

Reducing Carbon Emissions and Achieving Enhanced Indoor Environments
in a Portfolio of Buildings

The presentation will provide a roadmap to evaluate the opportunities to reduce the Energy use and Carbon emissions in existing buildings while improving the indoor environment. The presentation will demonstrate several evaluation tools that can be used to prioritize the initiatives to be implemented in each facility.



Tracey Jumper, CCP
EMCOR Services Mesa
Energy Systems

Tracey Jumper is a Certified Commissioning Professional (CCP) and Corporate Director of Commissioning at EMCOR Services Mesa Energy Systems where she oversees quality assurance practices across offices in CA, NV, & AZ, operating out of Las Vegas. She has 22 years of experience in construction, mechanical systems engineering and maintenance services and has been identified as a specialist in commissioning and improving existing buildings.

Tracey is on the technical subcommittee that developed the new ASHRAE Standard 230-2022 – The Commissioning Process for Existing Buildings (Nov '22). She also is a subject matter expert credited in The Building Commissioning Handbook 3rd Ed. and editor of The BCxA's Best Practices for Existing Building Commissioning.

ASHRAE DISTINGUISHED LECTURER

ANSI/ASHRAE Standard 230-2022 Commissioning Process for Existing
Buildings & Systems: Putting the New Standard to Work for You

Would you like to know how the new standard was developed and how your practice can benefit? This presentation includes a debut of 230, how it differs from the new construction standard, and ways you can start using it to improve your practice. The presenter is a credited contributor to the standard.

Please register online: <https://ashraehawaiichapter.info/meetinginfo.php>

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Futuristic Building Design & Operation



Stephan Kujak
Trane Technologies

Steve Kujak is the director of Next Generation Refrigerants Research for Trane Technologies (divisions include Trane and ThermoKing). Over the past 29 years, he has been involved in technology development of new refrigerants, absorption chillers and IAQ cleaning technologies. Steve has been an author or co-author on 50+ publications related to refrigerants and has 22 patents related to HVAC products.

He was awarded the ASHRAE Crosby Field award for highest rated presentation of a technical paper in 2016 and was also awarded the George Briley Refrigeration Committee award twice for best ASHRAE journal article on refrigeration in 2017 and 2018.

ASHRAE DISTINGUISHED LECTURER

The Future of Refrigerants

New societal environmental demands to control climate change are driving the development of new regulatory policies to restrict and lower the direct GWP (global warming potential) impact of F-gases. The HVAC&R industry is currently being challenged to invest significant resources to understand the best refrigerants that meet the above requirements. However, there are many uncertainties and challenges given the ever-changing global regulatory environment, within regions, country, state, and sometimes locally by city.

Safe non-flammable low toxicity F-gases allowed for an exponential increase in the standard of living of society through increased food productivity, reduction in heat related deaths, increased worker productivity and migration of people to cities and to hotter climates. The orderly transition from CFCs to HCFCs and HFCs achieved a balance between the societal environmental demands for reduced ozone depletion while continuing to improve the standard of living in developing countries and minimize the societal safety (nonflammable refrigerants) impacts for everyone.

Today designers are being asked to consider new lower direct GWP unsaturated hydrofluorocarbons (HFOs) refrigerants, some of which are slightly flammable under certain conditions, as well as revisiting the application of natural refrigerants, like carbon dioxide, ammonia, hydrocarbons, and water.

This presentation will provide an update on new lower GWP alternatives introduced into the marketplace and will highlight some important considerations, particularly flammability, that engineers, designers, and building owners should keep in mind regarding next-generation refrigerants.

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ASHRAE Hawaii
Technical Seminar & Product Show
Thursday, April 25, 2024

Futuristic Building Design & Operation



Devin A. Abellon, PE
The Pyure Company

Devin Abellon, P.E. is the Vice President of Engineering Sales at The Pyure Company. He has 29 years of experience in the HVAC and plumbing industries with a focus on high-performance and sustainable building design and construction. He holds a Bachelor of Science degree in Mechanical Engineering from the University of California at Santa Barbara and is a registered professional engineer in California and Arizona. He is an active member of ASHRAE, and has served at the chapter, regional and society levels, most recently serving on the ASHRAE Board of Directors as the 2020-23 Region X Director and Regional Chair.

IAQ Update

ASHRAE's long history of leadership in IAQ science and technology, will provide broad-reaching guidance through this standard to help ensure the use of best practices for pathogen mitigation, which will assist in creating safer indoor spaces for us all. This session will provide updates on:

- Both design and operation
- Alternative paths (prescriptive or performance), in which equivalent clean air would be the goal
- Testing, verification, documentation (commissioning) and periodic re-commissioning

Cyber Security Update by Industry Field Expert

Speaker and presentation summary coming soon.

Panel Discussion on Future Building Designs by Industry Leaders

Speakers and presentation summary coming soon.

~ More Speakers to Come ~

Please register online: <https://ashraehawaichapter.info/meetinginfo.php>



ASHRAE HAWAII CHAPTER
36TH ANNUAL

ASHRAE

GOLF TOURNAMENT

FRIDAY, MAY 3, 2024

CHECK IN: 10:00A | SHOTGUN: 12:00P

HAWAII PRINCE GOLF CLUB

91-1200 FORT WEAVER RD, EWA BEACH, 96706

FOOD, DRINKS, PRIZES

REGISTRATION DEADLINE: MARCH 1, 2024

Proceeds benefit the ASHRAE Hawaii Chapter Kokua Scholarship Fund, an endowed scholarship awarded to Hawaii based undergraduate student(s) interested in pursuing a career within the HVAC/R industry and the Region X 2026 Hawaii Chapter Regional Conference.

GOVERNMENT AFFAIRS

Aloha members of the Hawaii ASHRAE community.

Mele Kalikimaka me ka Hau'oli Makahiki Hou

Unfortunately, still no new developments on the Honolulu Amendments to IBC 2018. 😞
Crossing fingers that they are adopted soon.

Hope everyone was able to celebrate Engineers Week between Feb. 18 and Feb. 24. The whole point of engineering is to make everyone's life a little easier or enjoyable so engineers should be celebrated.

World Refrigeration Day is coming up on June 26th. That is the birth date of Lord Kelvin and the theme for this year is "Next Generation Cooling". Let's all work together to provide the most energy efficient cooling systems in our built environments.

The past month ASHRAE provided testimony in opposition to a couple of new bills HI SB 2994 and HB 2089. The gist of the bills was to limit the adoption of new codes. Hopefully we can prevent stopping new energy codes from being adopted since new energy codes are critical to achieving our clean energy goals as a state.

Here is the link to the ASHRAE Society GA newsletter so everyone can see the current events within ASHRAE as they relate to Government Affairs. Click on link below.

[ASHRAE GAC Newsletter](#)

Mahalo Nui Loa,

Kevin Luoma, PE
2023-2024 Hawaii ASHRAE Chapter GA Chair



KEVIN LUOMA, PE
GOVERNMENT AFFAIRS

WELCOME NEW ASHRAE MEMBERS!

Andrew Miller - Okahara and Associates



STUDENT ACTIVITIES



MORGAN LORENZO,
STUDENT ACTIVITIES CO-CHAIR



NOAH RODRIGUES,
STUDENT ACTIVITIES CO-CHAIR

ALOHA!

Our names are Morgan Lorenzo and Noah Rodrigues, and we are the Student Activities co-chairs for the ASHRAE Hawaii Chapter year 2023-2024. As co-chairs, we are here to directly support the future of ASHRAE by engaging students from elementary school to college with events and opportunities. We hope to equip students with the knowledge, relationships, and experience they need to thrive in their future endeavors. Some past events include networking events, resume workshops, scholarship opportunities and more! If you would like to know more about our goals, events, or opportunities, please do not hesitate to reach out. Contact us at admin@ashraehawaiichapter.info.

Mahalo,
Morgan Lorenzo
Noah Rodrigues



YOUNG ENGINEERS IN ASHRAE



JASON SORIANO
YEA CO-CHAIR



JEREMY LAYUGAN
YEA CO-CHAIR

We are excited to serve as your YEA committee chairs this 2023-2024 society year. Look for our upcoming events in monthly ASHRAE newsletters to meet other ASHRAE members and feel free to email us at admin@ashraehawaiichapter.info for any ideas for future events.

Jason Soriano and Jeremy Layugan





APRIL 4-10, 2024

Back for a second year! Join us for a FREE four-day workshop series with David Wylie, P.E., on trending mechanical, electrical and energy topics. Classes will be in-person from 9am-4pm daily at Hawai'i Energy's training room, with coffee and lunch provided, or remote via Teams.

4/04

**Air Handling
Systems Efficiency**



4/05

**Chilled Water
Systems**

4/09

**Cooling Tower
Energy Efficiency &
Water Conservation**



4/10

**Energy Management
Systems (EMS)**



HOSTED BY



Hawai'i Energy & ASHRAE



For more information visit hawaiienergy.com/professionals



HOLDEN HOSPITAL SUPPLY, INC.

905 Kalanianaʻole Hwy., Unit 2602, Kailua, HI 96734

PHONE: (808) 841-4558

FAX: (808) 842-7648

Aloha Designers:

NFPA 99 2024 edition has been released and there is a new ASSE 6060, **Medical Gas Systems Designer**, credential.

The NFPA 99 code section states the following:

5.1.3.3.2* Design and Construction.

5.1.3.3.2.1 Medical gas and vacuum systems shall be designed by one of the following:

- (1) A party technically competent and experienced in the field of medical gas and vacuum system design and meeting the requirements of ASSE/IAPMO/ANSI 6060, *Professional Qualifications Standard for Medical Gas System Designers*
- (2) A party deemed technically competent through other qualification(s) deemed sufficient by the health care facility's governing body

To satisfy requirements from CMS and to comply with the NFPA 99 Code for the 2024 Edition, Holden Hospital Supply is hosting an **ASSE 6060** training class. This class is specifically geared towards designers who design Medical Gas systems.

August 12-16, 2024 (8AM-4PM): Fee is \$3,600 / person.

- **ASSE 6060 Medical Gas Systems Designer**

*Prerequisite: The candidates for the ASSE 6060 certification shall have two (2) years documented experience in the mechanical and plumbing systems industry and require practical knowledge of the design of medical gas and vacuum systems.

The class will be instructed by Mr. Mark Allen. He is well known by the medical gas industry throughout the world and is probably the most prolific medical gas code author of our times.

Please feel free to contact me for more details & information. There will be a required minimum of 15 people to host this class.

We understand that cost to host this event is high. Holden's intent is to share the burden evenly with our Hawaii engineers and only cover the overhead cost involved. If we are able to acquire designers from other states and increase our attendance, we have every intention of providing a rebate to help offset the cost for you.

Mahalo nui loa,

Dane Robertson, Holden Hospital Supply / Cell: (808) 454-3089 or Email: Dane@HoldenHospitalSupply.com



HOLDEN HOSPITAL SUPPLY, INC.

905 Kalanianaʻole Hwy., Unit 2602., Kailua, HI 96734

PHONE: (808) 841-4558

FAX: (808) 842-7648

REGISTRATION FORM

✓ **Check which class attending:**

- ☐ **ASSE RENEWAL FOR HHS/MGTC STUDENTS**
- ☐ **ASSE 6005/ASSE 6020/ASSE 6040**
- ☐ **ASSE 6010**
- ☐ **ASSE 6060**

Facility/Company Name: _____
Primary Contact Name: _____
Contact Phone Number: _____
Contact Email: _____

Attendees:

Print legal first and last name:	Contact phone #	Class attending	✓ if new or a renewal
1. Name: _____	Phone # _____	ASSE Class: _____	NEW RENEWAL
2. Name: _____	Phone # _____	ASSE Class: _____	NEW RENEWAL
3. Name: _____	Phone # _____	ASSE Class: _____	NEW RENEWAL
4. Name: _____	Phone # _____	ASSE Class: _____	NEW RENEWAL
5. Name: _____	Phone # _____	ASSE Class: _____	NEW RENEWAL
6. Name: _____	Phone # _____	ASSE Class: _____	NEW RENEWAL
7. Name: _____	Phone # _____	ASSE Class: _____	NEW RENEWAL

Please Email or Fax this form to: Char Carpentier

Email: Char@HoldenHospitalSupply.com

Fax: (808) 842-7648

- Payment must be made at time of registration.
- For payment – If your facility uses purchase orders, please email a P.O. with registration form to Char@holdenhospitalsupply.com. If paying by Visa or Mastercard, fax or email registration form and call Char with credit card information.
- Once class is confirmed, there will be no refunds or cancellations.
- Char Carpentier can be reached at 808-841-4558



CERTIFICATION

There are many reasons to
pursue certification.
Find your reason.

Building Design Certification

Building Energy Modeling Professional (BEMP)
Certified HVAC Design (CHD)
Healthcare Facility Design Professional (HFDP)
High-Performance Building Design Professional (HBDP)

Building Performance Certification

Building Commissioning Professionals (BCxP)
Building Energy Assessment Professional (BEAP))

Building Operations Certification

Operations & Performance Management Professional (OPMP)



ASHRAE Code of Ethics

(Approved by ASHRAE Board of Directors January 30, 2013)

- 1.140.001.1 As members of ASHRAE or participants in ASHRAE committees, we pledge to act with honesty, fairness, courtesy, competence, integrity and respect for others in our conduct.
- A Efforts of the Society, its members, and its bodies shall be directed at all times to enhancing the public health, safety and welfare.
 - B Members and organized bodies of the Society shall be good stewards of the world's resources including energy, natural, human and financial resources.
 - C Our products and services shall be offered only in areas where our competence and expertise can satisfy the public need.
 - D We shall act with care and competence in all activities, using and developing up-to-date knowledge and skills.
 - E We shall avoid all real or perceived conflicts of interest whenever possible, and disclose them to affected parties when they do exist.
 - F The confidentiality of business affairs, proprietary information, intellectual property, procedures, and restricted Society discussions and materials shall be respected.
 - G Each member is expected and encouraged to be committed to the code of ethics of his or her own professional or trade association in their nation and area of work.
 - H Activities crossing national and cultural boundaries shall be respect the ethical codes of the seat of the principal activity.

Diversity Commitment

ASHRAE is committed to providing a welcoming environment. Our culture is one of inclusiveness, acknowledging the inherent value and dignity of each individual. We proactively pursue and celebrate diverse and inclusive communities understanding that doing so fuels better, more creative and more thoughtful ideas, solutions and strategies for the Society and for the communities our Society serves. We respect and welcome all people regardless of age, gender, ethnicity, physical appearance, thought styles, religion, nationality, socio-economic status, belief systems, sexual orientation or education.



Shaping Tomorrow's Built Environment Today

ASHRAE's Mission and Vision

Mission:

To serve humanity by advancing the arts and sciences of heating, ventilation, air conditioning, refrigeration and their allied fields.

Vision:

A healthy and sustainable built environment for all.

ASHRAE's Core Values

Excellence

ASHRAE education, technical information and all other activities and products will always reflect the best practices that lead our industry. We strive for continuous improvement and innovation in all our practices and products.

Commitment

ASHRAE and its members are passionate about serving the built environment, creating value, and recognizing the accomplishments of others.

Integrity

ASHRAE is committed to the highest ethical standards. We work transparently, observing essential requirements for due process and peer reviews to assure our members and stakeholders that we do the right things the right way.

Collaboration

ASHRAE seeks and embraces collaborative efforts with organizations, agencies, and individuals sharing our commitment to sustainable built environments.

Volunteerism

Members lead ASHRAE at every level, serving ASHRAE and helping ASHRAE serve society.

Diversity

ASHRAE is committed to providing a welcoming environment. Our culture is one of inclusiveness, acknowledging the inherent value and dignity of each individual.

Message from the Editor

Dear Reader,

I am pleased to be serving as your editor-in-chief for the 2023-2024 society year. The Hawaii Chapter Newsletter is a monthly publication that serves to bring information, relative content, and highlight upcoming chapter events to our chapter members.

As your editor-in-chief, my goal is to create a high-quality publication that will be relevant to our chapter and help to continue to build our community. I am grateful to be working with such amazing volunteers to help me create content for this publication.

I am delighted that you, our readers, are able to join us during the 2023-2024 society year. If you have any comments, suggestions, or submissions please reach out to me at jeanessa@aircentralhawaii.com.

Happy reading!

A handwritten signature in black ink, appearing to read 'Jeanessa Slaughter', with a stylized flourish at the end.

Jeanessa Slaughter
Editor-in-Chief

Teams Meeting

02/01/2024 (Thursday) ~ 5:00 pm to 6:00 pm

1. Meeting Attendees:

- | | | |
|--|--|--|
| ☒ Justin Choriki | ☐ Brandon Spalla | ☒ Kevin Luoma |
| ☐ Joshua McDonough | ☐ Diamond-Pony Pedro | ☐ Les Taniyama |
| ☒ Jeanessa Slaughter | ☐ Froilan Garma | ☐ Michelle Leslie-Pa |
| ☐ Dan Mestas | ☐ Ghabby Baguio | ☒ Morgan Lorenzo |
| ☒ Charles Chaloeicheep | ☒ Jason Soriano | ☒ Noah Rodrigues |
| ☐ David Lebowitz | ☒ Jeremy Layugan | ☐ Willie Diguc |
| ☐ Marites Calad | ☐ Kalani Castro | |
| ☐ Samantha Nakamura | ☐ Kathleen Kodama | |
| ☒ Josh Jackson | ☐ Kelsey Koshi | |

2. Introductions/Roll-Call Question:

Ice Breaker Question: What's your favorite non-alcoholic drink? **5:06 Start**

Justin- Tea, Hojicha?

Jason - Coffee

Josh - Soda water & lime

Noah – Throat Coat

Kevin - Protein Shake

Marites - filtered water, unflavored club soda

Jeanessa - Sparkling water, topochico

Jeremy – monster (orange) in the morning, water at night

Charles – ice cold water

Morgan – Poppy (soda for gut health)

Updated Calendar/Events **5:15**

3. Treasurer Report – Charles Chaloeicheep **5:17**

- a. Current Balance(s): \$30,177.27
- b. Monthly Financial Report
- c. State Tax Exemption
 - i Needs \$1,150,00 which is 10x what we currently spend
 - ii We are not being taxed by the state. They said they would, but currently not being taxed, potential danger.
 - iii Might not be registered with the state

4. Membership Promotion (MP) – Froilan Garma **5:23**

- a. Close of 2022-23: 258

- b. Goal 5% = 271 members
 - c. February = ?
 - i. Number is slightly down due to lack of renewals
- 5. Electronic Communications – Dan Mestas 5:24
 - a. Share DropBox folder for ASHRAE
<https://www.dropbox.com/scl/fo/kfcncq06ptug3ive7vg1j/h?rlkey=v8hgi2jvap4dc29htrhl4p647&dl=0>
 - b. LinkedIn: <https://www.linkedin.com/company/ashraehawaiichapter/>
 - i. Flyer up for Feb LinkedIn Meeting
- 6. Newsletter – Jeanessa Slaughter 5:24
 - a. Newsletter items deadline: Friday, Feb 23
- 7. Webmaster – David Lebowitz 5:25
 - a. Updates? N/a
- 8. Historian – David Lebowitz/Kelsey Koshi
 - a. Updates? N/a
- 9. Government Affairs (GAC) – Kevin Luoma 5:27
 - a. We are still waiting on approval of IBC 2018 amendments by city council. The latest amendments can be found in this link.
<https://hnlidoc.ehawaii.gov/hnlidoc/document-download?id=19624>
 - b. Shared the ASHRAE Decarbonization position with 3 government officials. Howard Wiig and Ben Sullivan stated they look forward to working with ASHRAE concerning the new energy codes. Adoption of new state codes has been put on pause however by the governor due to the housing shortage.
 - c. Working with ASHRAE Government Advocacy and Outreach to pass Bill 021 that would allow for mechanical ventilation per ASHRAE 62.2 in lieu of natural ventilation for residential bedrooms.
 - d. HISB 2030/2031
 - e. Hope to oppose the bills so that codes are updated more often, better for reaching decarbonization goals
 - f. Bills have to be done by May
- 10. CTTC/Chapter Programs – Joshua McDonough 5:33
 - a. February 8, 2024 @ Ala Moana Hotel by Mantra – Currently have 33 people signed up. Justin to follow up with Josh on how many students can be covered

- i Speaker: Terry Rodgers (DL)
 - ii Presentation: Integrating Facility Staff and Building Management Systems
 - iii Speaker: Terry Rodgers, Integrating Facility Staff and Building Management
 - iv Committee Theme: Membership Promotion
 - b. March 9, 2024 @ Ala Moana Hotel by Mantra
 - i Ginger Scoggins (Society President)
 - Only here for the week
 - Marites to try for accommodations
 - ii Committee Theme: Refrigeration/DEI
 - iii Vote for your preferred presentation!
11. Research Promotion (RP) – Joshua McDonough 5:36
- a. Golf Tournament – May 3, 2024 @ Hawaii Prince Golf Club
 - b. Registration will be launched on Wednesday, January 10, 2024
 - i Registration will be accepted on a first come first served basis. A waitlist will be held should the interest exceed the number of teams available.
 - c. Golf Tournament committee has spent \$4,464.51 in funds as of 2023.12.14, which are deposits.
12. Installation Banquet – Joshua McDonough 5:37
- a. June 25, 2024 @ Ala Moana Hotel by Mantra
 - i Currently Locked in for this
 - b. Kat will not be available for this event...need someone to help with reception.
13. Technical Seminar – Marites Calad 5:38
- a. Date: April 25, 2024
 - b. Venue: Ala Moana Hotel by Mantra
 - c. Speakers
 - i Tracey Jumper (DL)
 - d. Locked in room for this event, might have overbooked some speakers.
14. Refrigeration – Willie Diguc 5:38
- a. Updates?
 - i None,
15. Student Activities (SA) – Morgan Lorenzo 5:40
- a. Meeting with Student Branch?
 - i Morgan and Noah met with UHM ASHRAE board, they don't have any events planned yet.

- ii They weren't an official club, but all their paperwork is in, might take some time to take effect.
 - iii Suggested a panel-like event so that students can understand all the facets of the HVAC industry
 - iv Morgan to talk at next meeting to gauge interest
 - v Try to include women in the first panel event
- 16. Sustainability – Charles Chaloeicheep 5:46 – No update
 - a. Considering events:
 - i Genki Ball
- 17. Young Engineers in ASHRAE – Jason Soriano 5:46
 - a. Currently aiming for 3rd week of March
 - i Pint & Jiger or Beerlab
 - b. Might try to make it same day as WASHRAE Luncheon
 - c. Considering events:
 - i Beach BBQ – summer event
 - ii Poker Night
- 18. DEI/Women in ASHRAE 5:48 - Marites
 - a. Might try to copy Woman of ASHRAE event, bring topics brought up before to this meeting
 - b. Considering events:
 - i End of March: Women in ASHRAE event
 - c. DEI and WASHRAE two separate events, go over inclusion and proactive steps within companies
 - d. WASHRAE – March
 - e. DEI event – May
- 19. HCES Engineer's Week 5:52 – Justin
 - a. Windward Mall
 - b. February 19, 2024 (10am-2pm)
 - c. Setup from 9am and typically done packing up by 3pm
 - d. Swag – did we manage to get any extra swag from ASHRAE Winter Conference?
 - e. Booth/Table Display Ideas:
 - i Piece of equipment?
 - ii HVAC model?
 - f. Board to canvas companies for volunteers, take some stress off board

20. 2024 PET – Marites 6:01

- a. Training at facility (Kapolei)
- b. Dinner Cruise (Ko’olina)
- c. Sat, April 27th

21. New Items 6:02

- a. Joint CRC 2026 (Region X + Region XI)
 - i Late April/Early May 2026: President-Elect Training (PET) in Vancouver
 - ii Late August 2026: Joint CRC in Hawaii
 - Separate Business Sessions and Caucuses
 - All other events combined
 - iii Hawaii will likely need to handle logistics (e.g. hotel, meals, entertainment)
 - iv Roughly additional 100 people (roughly 200 total)
 - v Considered Locations:
 - Ala Moana Hotel by Mantra**
 - Scheduled a tour of the facility in April to coincide with PET.
 - No hold has been placed on the meeting spaces at this time. To hold the spaces, a \$5,000 non-refundable deposit would need to be made.
 - Hilton Hawaiian Village
 - Maui?

Adjourned: 6:04 pm