

# wiliki o hawaii

ENGINEER  
OF HAWAII

VOL. 59 NO. 10

SERVING 2000 ENGINEERS

DECEMBER 2023

## KĀPILI MAUI – HAWAII ENGINEERING COMMUNITY FOR MAUI

Kāpili Maui is a collaboration of Hawaii Engineering associations partnering to support Maui's recovery. (Kāpili translates to: build, put together, mend, fix, repair, unite.)

Initiated by the American Council of Engineering Companies Hawaii (ACECH), the group currently includes Hawaii Water Environment Association (HWEA), Hawaii Society of Professional Engineers (HSPE) – State and Maui Chapters, American Society of Civil Engineers (ASCE) Hawaii Section, American Water Works Association (AWWA) Hawaii Section, Institute of Electrical and Electronics Engineers (IEEE) Hawaii Section, Structural Engineers Association of Hawaii (SEAOH), and the Society of

Fire Protection Engineers (SFPE) Hawaii Chapter. Our mission is to partner with the community through financial support and engineering services from professionals across Hawaii to rebuild a stronger, more resilient Maui that will continue to thrive for generations.

Our immediate call to action is to raise money for a scholarship fund to support students impacted by the fires on their college journey. Our goal is to setup an endowment fund to support the generation of student whose lives were impacted by the August 2023 fires. Please donate and share the scholarship donation options on right.

Mahalo for your grace and kokua for the people of Maui.

### CHECK:

HSPE Maui Chapter  
P.O. Box 4119  
Kahului, HI 96733

### CREDIT CARD

Contact the HSPE Maui Chapter Treasurer, Irina Constantinescu at 808.442.3305 or [iconstantinescu@brwnclald.com](mailto:iconstantinescu@brwnclald.com)

### VENMO

<https://venmo.com/HSPEMaui>



**MAUI CHAPTER**  
HAWAII SOCIETY OF  
PROFESSIONAL ENGINEERS



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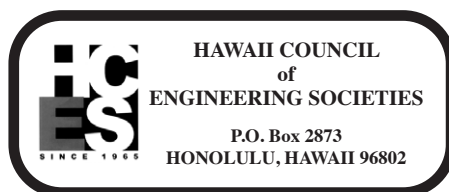
Published monthly by:

HAWAII COUNCIL OF ENGINEERING SOCIETIES  
SERVICE PRINTERS, INC.

1829 Dillingham Boulevard • Honolulu, HI 96819  
Telephone: (808) 841-7644 • Fax: (808) 847-1487  
ADDRESS ARTICLES FOR PUBLICATION TO:  
WARREN YAMAMOTO  
1526-C Pukey Avenue • Honolulu, HI 96816  
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#### WILIKI MAILING LIST

Additions and/or corrections to the Wiliki mailing list should indicate the proper society, institution or association. Corrections to email addresses should be submitted to your society coordinator.



HOME PAGE: [hceshawaii.org](http://hceshawaii.org)  
EMAIL: [hcesorg@gmail.com](mailto:hcesorg@gmail.com)

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Website: [hawaii.apwa.org](http://hawaii.apwa.org)

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#### ACEC Hawaii

Website: [www.acechawaii.org](http://www.acechawaii.org)

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#### APPLICATIONS BEING ACCEPTED FOR ACECH EMERGING LEADERS PROGRAM COHORT #5

Designed to prepare the next generation of engineering leaders in Hawaii, the ACECH Emerging Leaders Program (ELP) is an immersive nine-month program comprising nine sessions. Launched in 2018, the ELP has successfully guided four cohorts, totaling 76 participants representing 36 ACECH member firms, through the program. We are currently open for applications for our upcoming fifth cohort, scheduled to commence in February 2024. If you're eager to advance your career and contribute to your firm's growth, we invite you to learn more and apply by visiting <https://acechawaii.org/emerging-leaders-program/>.



ACECH ELP Cohort 4 attending a session about personal mastery and emotional intelligence.

#### ACECH HOLIDAY PAU HANA AND FUNDRAISER SCHEDULED FOR DECEMBER 6

The next event will be held on December 6 at Off the Wall. Please join ACECH and the Emerging Leaders for a Holiday Pau Hana and Fundraiser supporting keiki impacted by the Maui Wildfires. Visit <https://acechawaii.org> for more information and to register.



<http://www.hawaiispe.org/>

#### HSPE Officers for 2021-2022

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HOD '19-'21:	Mike Lum <a href="mailto:mlum@bowersandkubota.com">mlum@bowersandkubota.com</a>

Nominations for the **Engineer of the Year** and **Young Engineer of the Year** candidates are being accepted. Nomination forms will be available by contacting Kurt Kunimune of HSPE. The awardees will be presented at the Engineer's Week Banquet in February of 2024. Please contact Kurt Kunimune of HSPE at [kkunimune@bowersandkubota.com](mailto:kkunimune@bowersandkubota.com) for nomination forms or with any questions. Nominations will be due by Wednesday, December 27, 2023. Mahalo!



#### ASME-HI 2023-2024 Officers

Email:	<a href="mailto:ASMEHawaii@gmail.com">ASMEHawaii@gmail.com</a>
Section Chair	Abel Siu
Vice-Chair	Raymond Liu
Treasurer	Kevin Dang
Secretary	Derek Sato
Members-at-Large	Ed Chang, Justin Souza

#### KAILUA HIGH SCHOOL CAREER FAIR 2023

On November 3rd Derek Sato and Raymond Liu were present at the Kailua High School Career Fair handing out brochures and talking to students about being a mechanical engineer. They answered questions like the requirements on how to get a mechanical engineering degree, main responsibilities, and job outlook.

#### FRANCIS RHODES MONTGOMERY DESIGN COMPETITION JUDGES

ASME is seeking volunteers to judge the UH Manoa mechanical engineering students design competition that serves as their senior design project. Competition to be held on December 8th, 2023 at UH Manoa College of Engineering. Please contact us at if interested at [ASMEHawaii@gmail.com](mailto:ASMEHawaii@gmail.com).

#### NEXT ASME GENERAL MEETING

Tentatively late November via Zoom. We will provide meeting details later.

#### REQUEST FOR SPEAKERS

ASME welcomes guest speakers to present any topic during our general meetings. If interested in presenting, please email us.

**Wiliki  
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### 2023-2024 ASCE Hawaii Section Officers

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email: [president.ascehawaiiyymf@gmail.com](mailto:president.ascehawaiiyymf@gmail.com)

### EXECUTIVE COMMITTEE MEETING

Last held: November 14, 2023

Next meeting: December 13, 2023

### ASCE HAWAII SECTION DINNER MEETING

We will keep you informed via e-blasts and/or notices posted on our website at [ascehawaii.org](http://ascehawaii.org) with the meeting information and schedule.  
Cost: (RSVP via Eventbrite)

### COMMITTEE POSITIONS

ASCE Hawaii is looking for volunteers for various committee positions, including Advocacy Captain, Report Card Committee Members, and Water Resources Chairperson. If you are interested or have questions on any of these positions, please contact President Eric Tomishima, [etomishima@ascehawaii.org](mailto:etomishima@ascehawaii.org).

### MEMBERSHIP

If you haven't already done so, please renew your ASCE membership, which includes 10 free PDHs. You can renew your membership at [www.asce.org](http://www.asce.org).

### ASCE HAWAII SECTION STUDENT SCHOLARSHIPS

Please help us increase our scholarship endowment so that we can recognize deserving students. We continue to accept tax-deductible donations with the goal of increasing the annual scholarships. Make your check payable to 'ASCE Hawaii Section' and include the note 'Walter Lum Scholarship Fund' and mail to: ASCE Hawaii Section, P.O. Box 917, Honolulu, HI 96808-0917. If you have any questions, please contact Steven Doo at [sdoo@ascehawaii.org](mailto:sdoo@ascehawaii.org).

### ASCE JOB LISTINGS

The following job listings are currently posted on the ASCE Hawaii Section website:

- **Bowers & Kubota** (Civil Designer III, Project Engineer, Project Engineer – Hilo, Project Manager)
- **County of Hawaii, Department of Environmental Management Wastewater Division** (Civil Engineer I-IV)
- **EnviroServices & Training Center LLC** (Environmental Engineer/ Environmental Scientist)
- **Oceanit** (Civil Designer or Senior Civil Designer)

For further information, please visit <http://www.ascehawaii.org/job-listings.html>



### 2023-2024 YMF Officers

Lance Lam, President  
[president.ascehawaiiyymf@gmail.com](mailto:president.ascehawaiiyymf@gmail.com)  
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Brandon Uejo, Past-President  
[pastpresident.ascehawaiiyymf@gmail.com](mailto:pastpresident.ascehawaiiyymf@gmail.com)

### YMF General Meeting

The next YMF general meetings will be in-person on Tuesday, December 5, 2023, at 6:00 PM and Thursday, January 4, 2024, at 6:00PM. Please check our website, social media channels, or weekly eblast for the latest information on our upcoming general meetings and events. If you are interested in attending and learning more about the various professional, social, and service opportunities available through YMF, please contact YMF at [ymf.hawaii@gmail.com](mailto:ymf.hawaii@gmail.com).

### Skyline Rail Operations Center Tour

By Sean Shigenaga, Field Trip Chair

On Saturday, October 21, YMF members were given the rare opportunity to tour the Skyline's Rail Operations Center (ROC). The Skyline has been in operation for a little over 3 months and has provided residents a new mode of transportation that will work alongside existing public transportation options like The Bus and Handi-Van. This will also allow riders to bypass any construction or traffic along the corridor.

The YMF members started the morning off with a quick introduction and background of Hitachi, who is the operator of Skyline. Then we headed upstairs and as they headed to the Operations Control Center(OCC) the tour guide pointed out a whiteboard to us that was setup like a calendar with numbers on it.

They explained to us that the trains need to be on time at a rate of 99.5% in order to get paid fully for the month. Next, we entered the OCC where Hitachi monitors the trains and helps resolve any issues quickly that may occur with the trains and even in regard to passenger safety. After a short Q&A they headed down to the

maintenance bay where the members were able to see under a rail car and were given an explanation of the safety features that are present both inside and outside of each rail car. We want to greatly thank Cara Mazzei, Jason Lurz and Tim Graham for making time for us in your busy schedules and for this opportunity. We also want to thank Travis Ota of DTS for helping us set this up.

### YMF & UHM XE Newtown Driving Range Event

By Zachary Chang, Golf Activities Chair

On Saturday, November 4, YMF & UH Manoa XE held a driving range event at Newtown Driving Range in Aiea. The nineteen YMF & XE members in attendance enjoyed the nice and sunny day to work on their golf swings and networking skills. Thank you to all who participated. Please keep checking the YMF emails for information regarding the next YMF Golf Outing. See you at the next one!

### A/E Softball Tournament

By Matt Murakami, Softball Chair

On Sunday morning, November 5th, 2023, ASCE Hawaii YMF Softball team competed at the A/E tournament at Kapiolani park. Members got to get some sun, swing for the fences, turn left, and most of all had fun! Congratulations to the team for placing 5th place in the tournament and thanks to all that came out to play or cheer the team on!

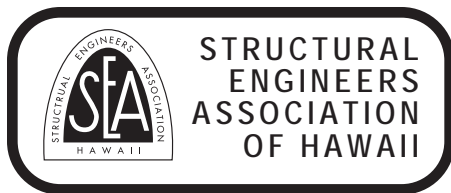
**see picture page 5  
continued on page 5**



**Rail Operation Center "Tourists"**



**Golf Outing**



PO BOX 3348, HONOLULU, HI 96801  
Web Page URL <http://www.seaoh.org>

### 2023 BOARD OF DIRECTORS OFFICERS AND DIRECTORS

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[colin.kodama@coffman.com](mailto:colin.kodama@coffman.com)  
Director (Yr 1) Mark Geoghegan  
[markgeoghegan@gmail.com](mailto:markgeoghegan@gmail.com)  
Past President Craig Meierhoffer  
[cmeierhoffer@baseengr.com](mailto:cmeierhoffer@baseengr.com)

### Previous BOD Meeting

November 1, 2023

### Upcoming Events

For all events see [seaoh.wildapricot.org](http://seaoh.wildapricot.org). Look for email flyers for registration of upcoming events.

- SEAHO Special Voting Meeting – Wednesday, December 6, 2023, 5:30 pm, at the University of Hawaii at Manoa, Holmes Hall 244.

### Membership

The following membership applications have been approved:

- Sherry Suehiro, Consulting Structural Hawaii, Associate Member
- Matthew Kikuyama, Consulting Structural Hawaii, Associate Member
- Courtney Okuna, Consulting Structural Hawaii, Affiliate Member

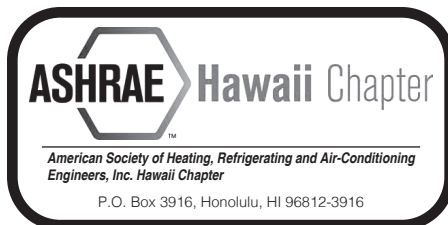
### 2023 SEAHO Scholarship

Thank you to all the teams, sponsors, and volunteers that supported the 11th Annual SEAHO Scholarship Golf Tournament held on October 20, 2023. With your help SEAHO was able to raise funds and award scholarships benefiting our local students.

Congratulations to the 2023 SEAHO Scholarship Award Winners!

- Ken Yamashiro
- Kate Li
- Olivia Wong
- Travis Nitta
- Leila Usami

**Next BOD Meeting** on Tuesday, December 12, 2023. For information, contact SEAHO President Mike Greer at [mgreer@wje.com](mailto:mgreer@wje.com).



### Hawaii Section Officers 2023-2024

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### Institute of Electrical and Electronic Engineers

*The IEEE is the world's largest technical organization dedicated to advancing technology for the benefit of humanity.*

### IEEE Hawaii Section

#### 2023 Officers

Chair: Roxanne Birch  
Vice Chair: Brianne Tengan  
Treasurer: Wayne Layugan  
Student Rep: Justin Erece

### IEEE Hawaii Section News

Recently Elevated to Senior Member

The IEEE awards Senior Member status to engineers with 10+ years of experience, demonstrated significant performance and maturity as an originator or a technical leader in an IEEE-designated field. The Hawaii Section recognizes the recent elevation of two members.

**Keil Anderson** manages the energy sector business lines at Burns & McDonnell's Pacific Office in downtown Honolulu. A relatively newer member of the IEEE Hawaii Section, Keil comes with experience from the Atlanta area, leading large capital projects in heavy industry and infrastructure requiring international engineering collaboration and diverse multi-discipline teams. Keil is very pleased to transition into greener initiatives, working with the Hawaiian Electric Companies and various renewable energy partners in pursuit of a sustainable, reliable, safe, and resilient power grid to serve the people of Hawaii in the decades to come.

**Dave Kleeman** retired from Northrop Grumman Corporation (previously TRW) after 33 years as a Systems Engineer with expertise in signal processing systems development, integration, test, and deployment in various roles up to and including Chief Engineer. Before TRW, David worked an additional 11 years for three other companies. After earning a BSEE with an electromagnetic systems emphasis from the University of Texas (UT) at Austin, Mr. Kleeman remained at UT to work as a research assistant at the Applied Research Laboratory (ARL), which resulted in a multidisciplinary master's thesis encompassing acoustics, optics, and high voltage spark generation in support of earning a Master of Science Degree from the Electrical Engineering Department.



### 2022-2023 Officers:

President: Keoni Wasano  
[keoni@goldwings-supply.com](mailto:keoni@goldwings-supply.com)  
Vice Pres.: Mike Motoki  
Sec/Treas: Michelle Agustin Lindsey

The ITE Hawaii Section does not have any meetings scheduled for December 2023. As a reminder, applications for the ITE Annual Grants are due by January 1, 2024. Additional information is available on our website. Please be on the lookout for emails regarding next year's meetings/events.

The 2024 ITE HI Section Officers were sworn in during the October annual meeting.

President: Keoni Wasano  
Goldwings Supply Service, Inc.  
Vice Pres: Michelle Lindsey  
Wilson Okamoto Corporation  
Sec-Treas: Joel Thomas  
QRSE, LLC

We hope the end of the year is great and can't wait to see everyone in 2024!

If you would like to be added to the ITE mailing list, please email Michelle Agustin Lindsey at [magustin@wilsonokamoto.com](mailto:magustin@wilsonokamoto.com).



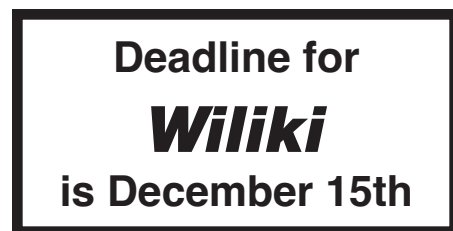
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[www.aacehawaii.com](http://www.aacehawaii.com)

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Vice Pres. Calvin Gidlof, CCP  
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Past Pres. Christopher Baze

As a member of the Board of the Council of Engineering and Scientific Specialty Boards (CESB), AACE International offers a range of certification levels from technician to professional to expertise level including CCT, CCP, CEP, EVP and PSP Certification Programs.

The local section, AACE Hawaii, was originally established in 1973. It achieved both the Platinum and Gold Award for seven consecutive years 2014-2023. Our local area continues to achieve CCP, CEP, CST and PSP certifications. For more information, please visit <http://web.aacei.org/certification> and our local website [www.aacehawaii.com](http://www.aacehawaii.com).





## ASCE, from Page 3

### ASCE YMF Job Shadow Program

The Job Shadow Program is looking for students and industry professionals interested in becoming a mentee/mentor. Your interest and participation in this program will provide a valuable experience that will help guide students toward a successful path beyond graduation! If you have any questions and/or want to sign up\*, please email the Job Shadow Program directly at [ymfhawaii.jobshadow@gmail.com](mailto:ymfhawaii.jobshadow@gmail.com)



**AE Softball Tournament**

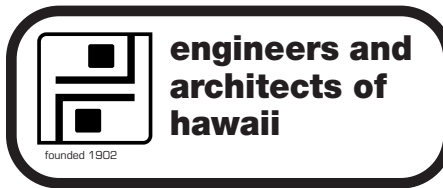
\*Note: Information collected will help the Job Shadow Program pair mentor(s) and mentee(s) up based on their experience and interest.

### 2023 PE Exam Update

The PE Exam is now computer-based, with appointments available year-round at Pearson VUE test centers. Information about how to register for the exam can be found on the YMF website: <https://ascehawaiiymf.org/pe-exam-information>

### Online PE Refresher Course

The Hawaii YMF has partnered with Pathceed, an online PE Exam refresher course that covers the breadth portion of the civil engineering exam. This course features 12-hours of on-demand course materials that may be accessed for a 6-month period and a one-time free access should you not pass the exam. Curious, but want a sample of the course? You can check out a free 1-hour lesson before committing to the program! The course cost is \$289, and we offer ASCE Hawaii YMF members a \$40 discount when registering. If you are interested in signing up for this course, please contact us at [ymf808.pecourse@gmail.com](mailto:ymf808.pecourse@gmail.com) for more information.



PO. Box 1901, Honolulu, HI 96805-1901  
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Director	Howard Wiig	(808) 587-3811
Director	Andrew Stanton	

eah meetings for December 2023 are scheduled for December 1 and 15. Details will be posted at the [eahawaii.org](http://eahawaii.org) website.

At the September 22th eah meeting, Lori Kahikina, Executive Director & CEO of HART give eah members a complete update on HART's plans to complete the Skyline rail system. Currently, they are working on the two remaining Segments. Segment 2 – Haliawa (Aloha Stadium) to Kahauiki (Middle Street) and Segment 3 Downtown – Kahauiki to Ka'akaukui (Civic Center). To complete the route, they had to eliminate two stations at Kaka'ako and Ala Moana. The overhead

section for Segment 2 is mostly complete and remaining are the four stations. Segment 3 is the most complex because of the underground and overhead utility work that must be completed.

They still want to complete to Ala Moana and even extend to UH Manoa. But funding is of course the issue. Recently, there appeared to be a surplus of about \$500 million in the budget but that is contingent on the bids for the remaining stations coming in under or at the estimated budget amounts. If the \$500 million is available they may be able to extend, but that will still require additional funds.



P.O. Box 2422 Honolulu, HI 96804  
[www.HWEA.org](http://www.HWEA.org)

### 2023-2024 Officers

President:	Cari Ishida <a href="mailto:president@hwea.org">president@hwea.org</a>
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Sr. Territory Manager  
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Email: [twaites@strongtie.com](mailto:twaites@strongtie.com)

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