

# wiki o hawaii

ENGINEER  
OF HAWAII

VOL. 60 NO. 11

SERVING 2000 ENGINEERS

JAN 2025

## ENGINEERS WEEK 2025 BANQUET SPEAKER, PETER SAVIO



Peter Savio, Hawaii's most renowned Real Estate developer, will be the Keynote Speaker at the 2025 HCES Engineers Week Banquet.

Peter will focus on the themes in his just published provocative book, "Hawaii's Housing Solutions". The book tackles the systemic failures behind Hawaii's housing crisis, criticizing both political and public shortcomings. Rather than just increasing supply, Savio challenges traditional solutions and offers a new framework for resolving the issue. His innovative ideas and practical applications present a transformative approach to creating a more inclusive and sustainable housing market for Hawaii.

Peter Savio was born in Hilo and raised in Hawaii. His mother and father worked in the real estate and insurance business. His mother established Tropic Shores Realty in the 1950s. He bought his first home at 15 years old, saving money from his paperboy route. He served in Vietnam and completed schooling at UH with an emphasis in real estate. Fast forward, he founded the Savio Group and became the largest condominium converter and lease to fee converter in the State of Hawaii. In the early 2000s, he filed for 3 bankruptcies and had to nearly sell everything, but he bounced back and became known as "The Comeback Kid".

Peter Savio continues to do the projects he has become prolific for, leasehold to fee simple, condo conversions, alongside exploring other opportunities. Most of all, he champions home ownership as the tried-and-true way to generational wealth. He hopes to continue to share what he has learned through his real estate business, which is a curation of his decades of experience.

Peter is married to Phyllis Savio, with whom he has 3 beautiful children. In his off time, he enjoys spending time with family, working and frolicking in his garden.

## SOCIETY OF AMERICAN MILITARY ENGINEERS (SAME) ENGINEERS WEEK KICK-OFF LUNCHEON SPEAKERS



**DR. BRENNON MORIOKA, DEAN OF THE COLLEGE OF ENGINEERING AT UH MANOA**

Dr. Brennon Morioka is currently the Dean of the College of Engineering at the University of

Hawaii at Mānoa. The College educates and prepares over 1,500 students to face real world challenges in the areas of mechanical, electrical, civil, environmental, construction, computer, biomedical, aerospace and space science and engineering. Students of the College work with nearly 90 faculty to do innovative research in all of these engineering fields.

Dr. Morioka is a licensed civil engineer in Hawaii and California. He has served in multiple executive positions in Hawaii. He is the former Director for the State of Hawaii Department of Transportation (HDOT), Deputy Executive Director for the Honolulu Authority for Rapid Transportation (HART), and a General Manager for Electrification of Transportation at Hawaiian Electric Company (HECO). He also served as Vice President and Area Manager for CH2M HILL in the Honolulu Office and the Executive Vice President of Shioi Construction.

*continued on page 3*

## FALL 2024 FRANCIS RHODES MONTGOMERY DESIGN COMPETITION

The Francis Rhodes Montgomery Design Competition (FRMDC) is in its 37th year since its inception in 1987. This event is co-sponsored by the University of Hawaii, Department of Mechanical Engineering (DME) and the ASME Hawaii Francis R. Montgomery Foundation. The DME Fall 2024 FRMDC was held on Friday, December 13, 2024 at the University of Hawaii at Manoa, Hawaii Institute of Geophysics Building Room 110.

The competition consisted of 7 teams from the ME 481/482 design course. Teams presented their projects and described their objectives, design challenges, engineering principles that were applied, project results, expenditures, and gave credit to their sponsors. Upon conclusion of the presentations, the teams demonstrated their projects and provided more detailed information to the judges.

The students were able to present a variety of projects in which showcased their ingenuity and demonstrated topics that have direct impact in Hawaii. They cared about sustainability by paving the way to improve current processes and technologies that made their presentations very interesting.

Following the ASME/FRMDC scoring rubric, the judges ranked the teams as follows with First place and \$500 awarded to Team Deadwater, in second place and receiving \$300 was Team E\_Cool, and in third place and \$200 was Team Lavisco.

### TEAM PROJECT DESCRIPTIONS:

First Place: Team Deadwater – Stratified Fluids

*continued on page 4*



1st Place - Team Deadwater | L to R: Austin Vila, Corey Taoka, Dennis Roberts, and Kynan Ledee



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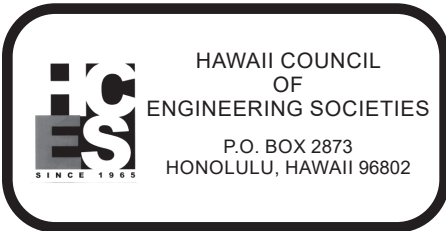
HAWAII COUNCIL OF ENGINEERING SOCIETIES

ADDRESS ARTICLES FOR PUBLICATION TO: MANAGEABILITY, LLC

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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.



HAWAII COUNCIL OF ENGINEERING SOCIETIES

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**DEADLINE FOR WILIKI IS JANUARY 15TH**



WEBSITE: [HTTP://WWW.ASCEHAWAII.ORG/YFM.HTML](http://www.ascehawaii.org/yfm.html)

**2024-2025 YMF Officers**

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Christine Mau, Treasurer  
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Jaren Iwasa, Secretary  
secretary.ascehawaiiymf@gmail.com  
Lance Lam, Past-President  
pastpresident.ascehawaiiymf@gmail.com

**YMF GENERAL MEETING**

The next YMF general meetings will be in-person on Wednesday, January 8, 2025, at 6:00PM and Wednesday, February 5, 2025, 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 [yfm.hawaii@gmail.com](mailto:yfm.hawaii@gmail.com).

**DIAMOND HEAD MILLENNIUM PEACE GARDEN BY LAUREN HILL AND MEAGAN NAKAMOTO, COMMUNITY SERVICE CHAIRS**

On October 19th, 2024, 13 ASCE Hawaii YMF members came out to volunteer at Diamond Head Millennium Peace Garden on their 25th anniversary! YMF members along with other volunteers removed invasive grasses and weeds and also helped plant 17 new native plants. We were able to learn about the garden's history and its native plants. Thank you to all the volunteers who came out.

**VICTAULIC BOWLING TOURNAMENT BY JAREN IWASA, SECRETARY**

On Saturday, November 9th, 2024, Victaulic hosted a bowling tournament. YMF members competed against other engineering and contractor companies. Thank you to Victaulic for hosting the event!



*Diamond Head Millennium Peace Garden Trip*

**AIEA LOOP TRAIL HIKE BY KAY HASHIMOTO, ALEAH GAPO, AND NICOLE RAYMUNDO, SOCIAL ACTIVITIES CHAIRS**

On Saturday, November 16th, 2024, 13 ASCE Hawaii YMF members accompanied by some furry companions, came out to hike Aiea Loop Trail. After covering a third of the 4.8 mile trail in the lush forest, the hikers were rewarded with a scenic view of Halawa Valley and the H-3 Highway. Thank you to those who came!



**EXTREME GINGERBREAD HOUSE CHALLENGE BY NICK KAM, OUTREACH CHAIR**

On Friday, November 29th, 2024, 8 ASCE Hawaii YMF members came to Windward Mall to build Gingerbread Houses with the Girl Scouts of Hawaii. The Gingerbread Houses were taken to the extreme by testing if they could withstand earthquakes by using a shake table. Thank you



to those who came! Be on the lookout for our next outreach event!

**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)

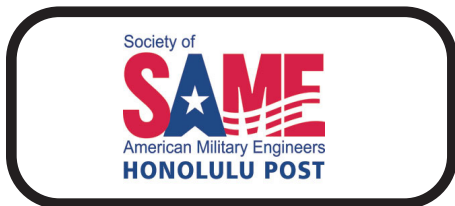
\*Note: Information collected will help the Job Shadow Program pair mentor(s) and mentee(s) up based on their experience and interest.

**DISCOUNT OF PE EXAM PREP COURSE ON EET BY BRIAN BISSEN, PE EXAM INFORMATION CHAIR**

Engineering, Education, and Training (EET) is one of the most popular online PE Exam prep courses for all disciplines. YMF will have a chance to receive a group discount between 5-10% on EET's on-demand and live webinar courses. A minimum of 5 people are required to obtain the minimum discount. Please email [ymf808.pecourse@gmail.com](mailto:ymf808.pecourse@gmail.com) if you intend to or have already signed up for the 2025 January-April Courses live webinar or have an active on-demand subscription. Once we know who has registered or will be registering, a discount code will be emailed to you and can be applied at the time of registration, or if you already registered with EET, EET will issue a reimbursement. This discount will only be valid for people intending to sign up for an EET course by February 15, 2025 or still have an active EET subscription.

**2024 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>



P.O. Box 31218, Honolulu, HI 96817  
Web page: [www.samehonolulu.org](http://www.samehonolulu.org)

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Secretary	Jeff Clark
Treasurer	Andre Lee

**CONT'D FROM PAGE 1, "SOCIETY OF AMERICAN MILITARY ENGINEERS (SAME) ENGINEERS WEEK KICK-OFF LUNCHEON SPEAKERS"**

All of these positions have provided him with extensive experiences in both the public and private sectors in the engineering and business world.

Dr. Morioka received his Bachelor's and Master's of Science degrees in Civil Engineering from the University of California at Berkeley,

and completed his doctoral studies here at the University of Hawai'i at Mānoa.

He is often tasked with serving on various governmental advisory committees including the Governor's Advisory Committee on Transit-Oriented Development, the Mayor's Landfill Advisory Committee, and the Aloha Stadium Authority. He also serves on the numerous boards of community service and non-profit organizations, including the US Japan Council, Friends of 'Iolani Palace, Hawai'i State Federal Credit Union, 'Ahahui Koa Ānuenue, Mothers Against DrunkDriving, and the Pacific International Center for High Technology Research (PICHTR).

Brennon is a graduate of 'Iolani School. He is married to his wife, Jeanine, of 25 years with three keiki, Taysia and identical twins, Brayden and Bronson.



**CAPT. STEPHEN PADHI SAME HONOLULU POST PRESIDENT**

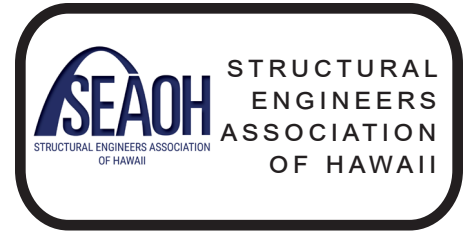
Captain Stephen Padhi is the current SAME Honolulu Post President. As the Commanding Officer in Charge of Construction at Pearl Harbor Naval

Shipyards (OICC PHNSY), he leads the field office Naval Facilities Engineering Systems Command (NAVFAC) established to execute a multi-billion-dollar project portfolio under the Shipyard Infrastructure Optimization Program (SIOP), beginning with the \$4.4B Dry Dock 3 Replacement, the Navy's largest value single construction project to date.

As a Seabee Officer, Captain Padhi's career of over 20 years has included deployments to Djibouti, Iraq, Micronesia, and Spain, supporting an array of general engineering missions in peacetime and war. A licensed Professional Engineer, he has directed major infrastructure operations for the Navy and Marine Corps on both coasts and overseas, as well as private sector experience as an engineer-diver.

Major construction programs he has led include the \$600M Camp Pendleton Naval Hospital Replacement; critical facilities for the MV-22 Osprey at Marine Corps Air Station Camp Pendleton; and the COLUMBIA Electric Drive Test Facility at Naval Surface Warfare Center (NSWC) Philadelphia. Additionally, he has served as an installation public works director three times, and he was instrumental in developing NAVFAC's first-ever Program Executive Office at PEO Industrial Infrastructure for SIOP.

Captain Padhi is a native of East Brunswick, NJ, with engineering degrees from the United States Naval Academy and Rutgers University. He is a qualified Seabee Combat Warfare Officer, a Defense Contracting Professional, and a Certified Energy Manager.



PO BOX 3348, HONOLULU, HI 96801  
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Director (Yr 1)	Maxx Toyama Nagamine Okawa Engineers

**PREVIOUS BOD MEETING**

December 16, 2024

**UPCOMING EVENTS**

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

- SEAOH Installation Banquet, Details forthcoming.

**2025 SEAOH BOARD OF DIRECTORS**

Congratulations to our 2025 SEAOH Board of Directors!

**President** – Grant Okunaga MKE Associates, LLC

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**Treasurer** – Alex Kikuyama, Consulting Structural Hawaii

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**NEXT BOD MEETING**

January 2025. Date and location TBD. For information, contact SEAOH President Grant Okunaga at [grant@mkellc.com](mailto:grant@mkellc.com).

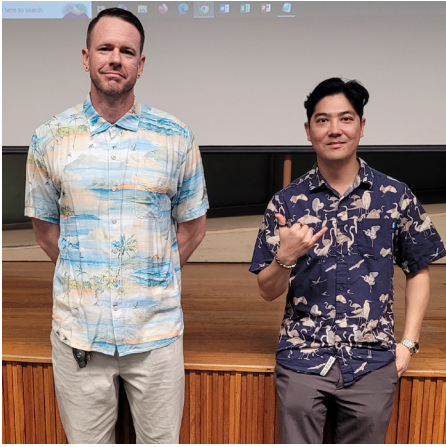


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Vice-Chair	Raymond Liu
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**2nd Place - Team E\_Cool | L to R: Arron Pacheco, Vincent Murai**

**CONT'D FROM PAGE 1, "FALL 2024 FRANCIS RHODE MONTGOMERY COMPETITION"**

In all oceans where waters of differing densities coalesce, resulting drag phenomena have the ability to impede the travel of seafaring vessels and are characterized in maritime literature as dead water. This study utilized existing linear theories to evaluate the internal wake amplitude produced by common hull forms traversing through a two-layered, density stratified fluid. In addition to ship length, it was found that hull form also played a significant role in the generation of an internal wake.

**SECOND PLACE: TEAM E\_COOL – EVAPORATIVE COOLER**

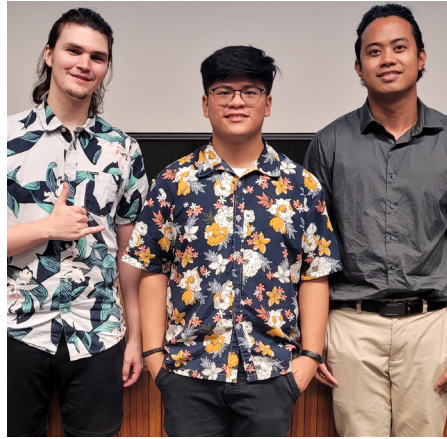
The Evaporating Cooler System (E\_Cool) Project focuses on developing an energy-efficient, nonelectric cooling system based on the traditional Zeer pot design. The team utilized modern techniques such as ceramic molding and 3D clay printing to create portable, cost-effective coolers that reduce dependence on electricity. By integrating thermal heat transfer equations learned at UHM this project aligns with Hawaii's sustainability goals and provides an alternative for residents in remote areas to preserve produce and perishable goods.

**THIRD PLACE: TEAM LAVISCO – LAVA VISCOMETER**

The lava viscometer project is designed to measure the viscosity of lava to more accurately predict the flow and behavior of lava. Currently in its initial design, the lava viscometer is being calibrated to measure the viscosities of simple Newtonian fluids. Successful validation will lead to testing different parameters to determine the effect on the viscosity measurements. Parameters such as angle of measurement, static and dynamic flow, and boundary conditions will determine the usefulness of the lava viscometer at its current design.

**TEAM SUAV ENVIRONMENTAL ANALYSIS - FIRE DETECTION AND MONITORING DRONES**

The necessity for safer and more effective post-wildfire analysis to protect first responders is highlighted by the rising frequency and intensity of wildfires in Hawaii, such as the Lahaina wildfires on Maui. The project aims to address this issue by integrating cost-effective, off-the-shelf sensor technology with Unmanned Aerial Vehicles to measure



**3rd Place - Team Lavisco | L to R: Alexander Dodge, Darryl Dela Cruz, Rienzmei Tolentino**

important environmental factors, including temperature, gas emissions, air pressure, and humidity. The drones recorded environmental conditions during the burning of wood chips meant to simulate post-fire conditions. The sensor responded to environmental changes within one minute, demonstrating its potential for quick analysis.

**TEAM RESTFUL – COOLING GLOVE**

Restful is a company focused on making active cooling sportswear that everyday athletes can wear to the gym. The intent of their product is to keep our customers cool and to minimize their recovery intervals. They are trying to optimize their product to cool the user without over cooling them and making them feel uncomfortable.

**TEAM AQUABOT - CREATING ACCESSIBLE AND SIMPLIFIED OCEAN MONITORING TECHNOLOGY**

Traditional ocean monitoring systems such as diving tend to involve complex setups, such as rebreathers, which involve certification for use during deep dives, or advanced towed sonar arrays, which use multiple hydrophones to detect underwater acoustic signals. However, these systems are inaccessible due to factors such as cost and complexity. The objective of the project is to create a user-friendly, scaled-down version of an ocean monitoring system, using existing technologies. This proposed system can provide an accessible tool for citizen scientists and researchers, thereby contributing to broader efforts in ocean health monitoring.

**TEAM FIREBALL – WATER ENTRY**

Team Fireball, aims to harness the Reverse Leidenfrost Effect (when a vapor layer forms around a surface) to revolutionize transportation. A comparable concept is already employed in maritime technology, where ships use air bubbles along their hulls to reduce drag, enhance fluid flow, and improve efficiency, ultimately lowering emissions. To replicate the Reverse Leidenfrost Effect and explore its potential for drag reduction, we applied a superhydrophobic coating to simulate the effect. These developments could pave the way for groundbreaking advancements in transportation technology, enhancing efficiency and sustainability.

**ACKNOWLEDGEMENTS:**

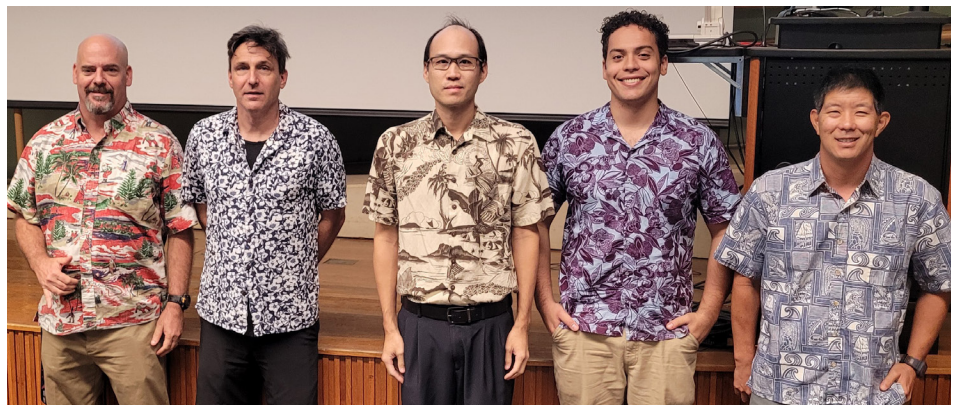
ASME Hawai'i would like to thank Dr. John Allen along with the UHM DME for organizing the Fall 2024 Francis Rhodes Montgomery Design Competition. Thanks to their efforts, the student project competition was completed.

Thanks to all the Senior Design Course participants who presented their mechanical engineering projects. We want to recognize Derek Sato from ASME for recruiting the judges and helping with the logistics of the event. Finally, thank you to the judges from Hawaiian Electric: Jason Nakasato, Steve Kehm, and Sebastian Rodriguez-Namen who donated their time to judge the projects.



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**Judges | L to R: Steve Kehm (HECO), Dr. John Allen (UHM), Abel Siu (ASME), Sebastian Rodriguez - Namen (HECO), Jason Nakasato (HECO)**



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

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 iredenhurst@bowersandkubota.com  
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 pchung@bowersandkubota.com  
 HOD '24-'25: Mike Lum  
 mlum@bowersandkubota.com



**ASHRAE Hawaii Chapter**  
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**CELEBRATING OUR PAST PRESIDENTS AND WELCOMING THE NEW YEAR**

Earlier this month, the ASHRAE Hawaii Chapter extended a heartfelt mahalo to our past presidents for their leadership, dedication, and the foundation they've built for our success. This season, we reflect on a legacy of innovation and service as we usher in a new year filled with purpose and growth. From all of us at ASHRAE Hawaii, we wish you a warm and joyful holiday season and a prosperous 2025!

Past Presidents		
2023-24 Justin Choriki, PE	2005-06 Ross Tanaka, PE	1987-88 Kevin Chong
2022-23 David Lebowitz	2004-05 Victor Russell, PE	1986-87 Richard Rauls, PE
2021-22 Matthew Tio	2003-04 Michal Chong, PE	1985-86 Cedric Chong, PE
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2017-18 Kevin Luoma, PE	1999-00 Rolf Klein	1981-82 Robert Seelman
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2012-13 Kevin Saito, PE	1994-95 Mark Suzuki	1976-77 Lester Sen, PE
2011-12 "Scotty" Paul Scott	1993-94 Eric Nakagawa, PE	1975-76 John Gesser
2010-11 Michael Chang	1992-93 Robert Pascua	1974-75 John Lindsay
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2008-09 Joseph Ting, PE	1990-91 James Gough, PE	1972-73 George Motonaga, PE
2007-08 Samuel Gillie, PE	1989-90 Frederick Kohloss, PE	1971-72 Karl Bowman
2006-07 Marites Calad	1988-89 Samuel Fujikawa	1969-70 Robert Hamilton, PE

**MEETING ANNOUNCEMENT: MASTERING HVAC LEADERSHIP: INSPIRING TEAMS, ENERGIZING RESULTS**

Thursday, February 20, 2025 – lunch meeting – FREE - Hawai'i Energy Training Room

Register here:  
<https://ashraehawaiiachapter.info/meetinginfo.php>



**MAHALO TO OUR PARTNERS & SPONSORS**

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- Acutron LLC
- PACE Supply
- DAWSON CO.
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- ACS SUPPLY CORPORATION

**ASHRAE Hawaii Chapter**  
 Thursday, February 20, 2025  
**Mastering HVAC Leadership: Inspiring Teams, Energizing Results**

Meet **Karine Leblanc**, engineer, bestselling author, and international speaker. She is the western sales manager for prefit Modular Solutions at Dakin Applied, where she uses her engineering background, coaching, and relationship-building skills to motivate and develop a winning sales team.

Not your typical engineer™ Karine served on the board of directors for ASHRAE from 2014 - 2027 and holds the distinction of becoming the first woman Region X director and regional chair since 1958.

**ASHRAE DISTINGUISHED LECTURER**  
 Membership Promotion Day

Leadership is not just a position—it's a skill set and a journey of influence, passion, and growth. In this presentation, we explore the core of leadership: its significance, the power of working within your strength zone, and the skills needed to inspire and energize those you lead.

With a focus on leading volunteers, you'll learn how to build strong relationships, communicate effectively, empower your team, and create an inclusive and motivating environment. By aligning passion with purpose, you'll unlock the potential to lead with authenticity and influence.

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

In-Person (Includes Lunch) - Free Virtual - Free

Hawai'i Energy | Conference Room  
 45 N King St 5th Floor, Honolulu, HI 96817  
 12:00pm-1:30pm Lunch Meeting



**IEEE Hawaii Section**

INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS  
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WEBSITE: [R6.IEEE.ORG/HAWAII](http://R6.IEEE.ORG/HAWAII)

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 TREASURER: WAYNE LAYUGAN  
 PAST CHAIR: ROXANNE BIRCH

**IEEE JOB LISTINGS**

The following jobs are currently listed on the IEEE Job Board.

- [Senior Electrical Engineer](#) - Pond & Company
  - [Electrical Engineer](#) - Bishop & Company
  - [Electrical Engineer](#) - 'Iolani School
- For job listings, visit [r6.ieee.org/hawaii/jobs](http://r6.ieee.org/hawaii/jobs)  
 Want to post a job?  
[r6.ieee.org/hawaii/post-a-job](http://r6.ieee.org/hawaii/post-a-job)

**UPCOMING CONFERENCES**

Join us in Hawaii for the Pan Pacific Strategic Electronics Symposium (Pan Pac) – an event dedicated to fostering connections and advancing the future of electronics. With Hawaii's unique setting, IEEE members and industry professionals will have the perfect space to network, collaborate, and explore new directions for the industry. Don't miss this opportunity to connect with peers and help shape what's next.

- [2025 Pan Pacific Strategic Electronics Symposium \(Pan Pacific\)](#), 27 - 30 January 2025 | Maui, Hawaii, USA | Event Format: In-person
- 2025 International Conference on Computing, Networking and Communications (ICNC), 17 - 20 February 2025 | Honolulu, Hawaii, USA | Event Format: In-person

For more information about upcoming conferences, visit [bit.ly/ieeehiconferences](http://bit.ly/ieeehiconferences)

**IEEE HAWAII INDUSTRY APPLICATIONS SOCIETY (IAS) CHAPTER WINS!**

Two representatives from the IAS Hawaii Chapter ExCom were funded by both Burns & McDonnell and IAS to attend the IAS Annual Meeting 2024 held in Phoenix, AZ. There, Matt Sahara and Keil Anderson were able to give an update about recent developments in the Hawaii Chapter, share experiences with chapter leaders from around the globe, and build relationships with key members of the Society. At the IAS CMD Awards Dinner, IAS Hawaii formally accepted the first place international IAS award for the Most Impactful Webinar of 2024. Thank you to each and every one of you for your support and dedication to get us this far. Stay tuned for more exciting IAS events and opportunities in 2025!!

**CAREER JOURNEYS: APPLIED MEDICAL**

On December 4th, the IEEE UHM Student

**WILIKI ADVERTISERS NEEDED**

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4<sup>7</sup>/<sub>8</sub>" x 2<sup>5</sup>/<sub>16</sub>" (11□)  
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2<sup>5</sup>/<sub>16</sub>" x 1<sup>1</sup>/<sub>4</sub>"  
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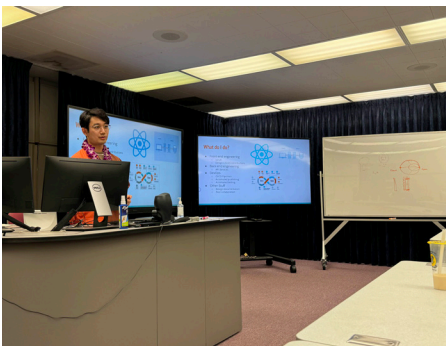
The price for the ads will be based on a 1<sup>1</sup>/<sub>4</sub>" x 2<sup>5</sup>/<sub>16</sub>" module size which is 1/24th of the page, and be \$30.00 per month with a 15% DISCOUNT for a 6-MONTH RUN.

Branch had their fourth and final general meeting of the semester with special guest speaker Alberto Tam Yong of Applied Medical. Alberto spoke about his career journey and gave insight into the biomedical engineering and medical device industry. Alberto is the past Region 6 Young Professionals Chair and current IEEE Orange County Section Chair.



**CAREER JOURNEYS: NVIDIA**

On November 15th, the IEEE UHM Student Branch hosted alumnus Sean Teramae, who spoke about his journey from UH Manoa to Blizzard Entertainment to Snapchat and now to his current job at NVIDIA! Students heard about major lessons he's learned throughout his career and what skills he recommends students should hone early.



**SURF & CIRCUITS: IEEE MTT-S HAWAII NETWORKING AND BEACH BBQ**

The IEEE Microwave Theory and Techniques Society (MTT-S) Hawaii Chapter held its "Surf & Circuits" techno-networking event on Saturday, November 23rd, 2024 at Magic Island. This unique gathering combined cutting-edge microwave and RF technology discussions with the relaxed atmosphere of Hawaii's beautiful coastline and offered an excellent opportunity for professionals to connect with peers, for students to engage with potential mentors, and for all attendees to stay current with the latest developments in the field.



IEEE Hawaii Young Professionals held a financial talk geared toward young professionals and students at Dave & Busters.

**ENGINEERING YOUR FINANCIAL SUCCESS**

On November 21st, the IEEE Hawaii Young Professionals held a financial talk geared toward young professionals and students at Dave & Busters. Roxy Kiessling of WestPac Wealth Partners covered Financial Organization, Protection, Wealth Building, and Long-term Tax planning.



**2024-2025 ASCE Hawaii Section Officers**

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**EXECUTIVE COMMITTEE MEETING**

Last held: December 3, 2024  
Next meeting: January 7, 2025

**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 January meeting information and schedule.

**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 Sheila Uyeoka, [president.ascehawaii@gmail.com](mailto:president.ascehawaii@gmail.com).

**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 Norman Leong at treasurer. [ascehawaii@gmail.com](mailto:ascehawaii@gmail.com)

**ASCE GOLF TOURNAMENET**

Save the date for this year's tournament, currently planned to be on Friday, August 1, 2025 at Pearl at Kalauao (newly renovated).

**ASCE JOB LISTINGS**

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

- County of Hawaii Department of Environmental Management (Civil Engineer I, II, III, & IV)
- Oceanit (Civil Design or Senior Civil Design)
- Enviroservices & Training Center, LLC (Senior Project Manager & Project Manager)
- Kirschner Contractors (Senior Scheduler)

For further information, please visit <http://www.ascehawaii.org/jobs/>



**DR. SINGH EARNS THE ASCE RICHARD R. TORRENS AWARD**

"The American Society of Civil Engineers announced recently that Amarjit Singh, Ph.D., P.Eng., C.Eng., F.ASCE is the recipient of the 2024 Richard R. Torrens Award for outstanding performance as editor-in-chief of the Journal of Legal Affairs and Dispute Resolution in Engineering and Construction.

The award is made in recognition of Torrens' distinguished service as Manager of Professional and Technical Publications at ASCE for 17 years, and honors volunteer journal editors who have made outstanding contributions to the ASCE journals' program.

Achievements in categories such as journal competitiveness, turnaround time, growth, and creativity and innovation shown by the editor are recognized among other measures of accomplishment.

Professor Singh founded the journal in 2009, after which submissions to it grew six-fold in 2024. Today, the journal ranks as #1 in the world in its specialty field as per the Scimago Journal and Country Rank. ASCE publishes 35 journals across various civil engineering specialty fields.

Dr. Singh is a Professor of Construction Engineering Management at the Univ of Hawaii at Manoa. He was formerly Chair of HCES, 1996-97."

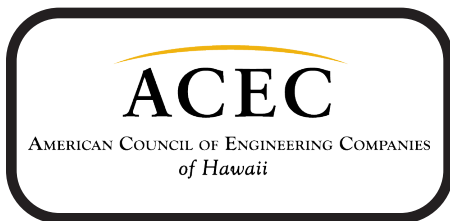


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As a member of the Board of the Council of Engineering and Scientific Specialty Boards (CESB), AAACE International offers a range of certification levels from technician to professional to expertise level including CCT, CCP, CEP, EVP and PSP Certification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

The local section, AAACE 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).



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

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**JANUARY GENERAL MEMBERSHIP MEETING ON 01/08**

Start the New Year off by joining us at our first General Membership Meeting (GMM) of 2025! Our January GMM will be a Pau Hana event featuring a presentation on "Strengthening Cybersecurity in a Rapidly Evolving Digital Landscape" by guest speakers Adriene Chee and Mike Walder from Alani Group, LLC. The meeting will be on January 8, 2025, from 4 P.M. to 7 P.M. at the Oahu Country Club. Registration will be available soon at <https://acechawaii.org/january-2025-general-membership-meeting/>. Can't wait to see you all there!

**SAVE THE DATE: FEBRUARY GENERAL MEMBERSHIP MEETING ON BIG ISLAND ON 02/28**

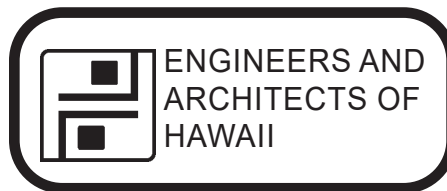
Save the date for our upcoming February General Membership Meeting (GMM) on Saturday, February 28, 2025, at Mauna Lani Golf on the Big Island. Join us for a fun day of golf and great company with fellow industry colleagues and partners. More details to come soon at <https://acechawaii.org/save-the-date-february-2025-general-membership-meeting/>.

**SAVE THE DATE: ACECH 2025 ENGINEERING EXCELLENCE AWARDS ON 03/22**

Don't forget to mark your calendars for March 22, when the 2025 Engineering Excellence Awards will be held at the Japanese Cultural Center. Join us in celebrating Hawaii's remarkable engineering accomplishments and cast your vote in the People's Choice Award!

**RECAP OF DECEMBER GENERAL MEMBERSHIP MEETING**

Thank you to everyone who registered and attended our latest GMM at the Oahu Country Club on December 4, 2024. Mahalo, also, to our guest speaker, Anton R. Klein, PE, Chief of the Engineering Support Branch at the U.S. Army Corps of Engineers, Honolulu District for giving an informative presentation on how to work alongside USACE. We hope to see you all again at the next one!



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**JANUARY 10**

Title: New Aloha Stadium Update  
 Presenter: Aloha Halawa District Partners

(AHDP)

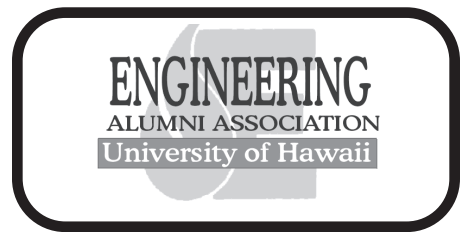
The State Department of Accounting and General Services and the Stadium Authority announced the approval of Aloha Halawa District Partners (AHDP) as the preferred offeror for the New Aloha Stadium Entertainment District (NASED) and that the NASED process is on track to open the new Aloha Stadium for the 2028 University of Hawai'i football season. AHDP will update eaH on their plans and direction for our new Stadium.

**FRIDAY JANUARY 24TH**

Speaker: Remington Vea - Project Engineer, Rider Levett Bucknall

Topic: 3D Capture Technology

Remington will talk to eaH about the latest in different software for engineers, architects and construction contractors, using the latest for 3D capture technology such as "Matterport" and "Open Space". He'll explain how "Sketchup" can also use 3D Capture technology.



Po Box 12204 Honolulu, HI 96828  
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**REGISTRATION FOR THE SPRING 2025  
 UH ENGINEERING CAREER EXPO IS  
 OPEN!**

Registration for our Spring 2025 UH Engineering Career Expo is now open! If you plan on participating, we recommend you sign up immediately, as the fall event sold out in a matter of hours. A note on payment - as with our previous event, your initial registration is completed via Google form, with no payment collected at the time of submission. You will subsequently receive an invoice via email with instructions to make payment via check or credit card. Register at this [link](#).

**We are making a few changes for this upcoming event:**

- **1 more hour:** Based on the results from last week's employer survey, our spring event will be one hour longer, beginning at 12:00pm instead of 1:00pm. We hope this will afford you more time to speak with students and catch them as they visit the expo between classes.
- **No double booths:** To accommodate a larger number of employers at our event (which has been selling out very quickly these past few semesters), we will not be offering a Double booth option for the spring. Thus, please limit your registration to 1 Regular booth per employer. We apologize in advance for the inconvenience to employers accustomed to reserving this option. Note that if any booths are still available after the early bird registration window ends, we will allow employers to select a second booth at that time.

Lastly, here are some of the event basics if

you would like to review the details ahead of time:

**Location, Date, & Time:** Thursday, February 20, 2025, from 12:00 pm - 4:00 pm HST. at the UH Campus Center Ballroom and adjacent CC Room Suite.

**Registration Options:** Regular Booth - Early bird \$400 (Now through December 20, 2024); Regular \$500 (December 21, 2024 to January 31, 2025 - if booths remain). Includes:

- 1 6-foot table, 2 chairs
- 1 parking pass, if available (limited availability; given out in order of registration)
- Dean's Luncheon: Up to two guests per company, from 10:45 am - 11:45 am prior to the expo, OR
- Boxed Lunch: Two per company if not attending the Dean's Luncheon
- Note that additional chairs are available at \$5.00 each and additional box lunches/Dean's lunches are available at \$15.00/\$30.00 each, paid for at the time of registration
- Marketing leading up to the event that promotes your company and brand
- Access to the list of registered job seekers before and after the event (including resumes)

**Supporting Employer (non-attending) - \$400  
 (December 9, 2024 to January 31, 2025)**

Can't attend the expo in person but still want to get in front of our students and support the College of Engineering? Register as a Supporting Employer. Supporting Employers will not have a booth at the event but will be listed in our Career Expo Guide in a special section (including your company description and contact info), and will also have access to all student resumes and attendee registration information following the event for proactive recruitment efforts. Supporting Employers will also have the opportunity to host a private information session on campus around the timeframe of the Expo.

**EMPLOYER EVENT TIMELINE:**

Thursday, February 20, 2025:

**Expo Set-up**

**9:00 am - 11:30 am**

- Location: Campus Center Ballroom and adjacent CC Rooms.
- Student volunteers will be ready to assist you.

**Dean's Luncheon\***

\*For those who have registered to attend (all booth registrations included your choice of 2 Dean's Luncheon passes or 2 boxed lunches in the Expo venue).

**10:45-11:45 am**

**Location:** Executive Dining Room, Campus Center (at the very back of the 2nd-floor Food Court on the left - see a volunteer or follow the signs for reference)

Note: for those ordering boxed lunches instead, they will be ready for pickup in the lanai off of the Campus Center Ballroom by 11:00 am

**Career Expo**

**12:00-4:00 pm**

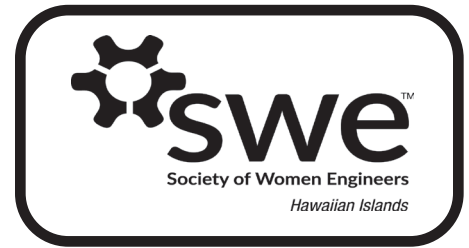
Location: Campus Center Ballroom and adjacent CC Room Suite.

**Expo Breakdown**

**4:00-4:30 pm**

Thanks and we hope you'll join us for this

important event for our future engineers!



HOME PAGE: <http://hi.swe.org>

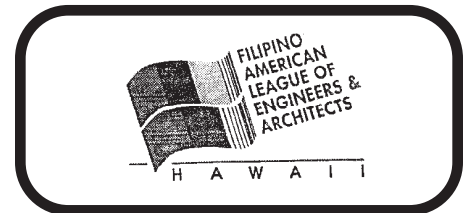
EMAIL: [hawaii@swe.org](mailto:hawaii@swe.org)

Facebook: [www.facebook.com/swe.hawaiianislands](http://www.facebook.com/swe.hawaiianislands)

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The mission of the Society of Women Engineers is to empower women to achieve full potential in careers as engineers and leaders, expand the image of the engineering and technology as a positive force in improving the quality of life, and demonstrate the value of diversity and inclusion.



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