

SPRING 2025 FRANCIS RHODES MONTGOMERY DESIGN COMPETITION RESULTS

SPRING 2025 FRANCIS RHODES MONTGOMERY DESIGN COMPETITION

The Francis Rhodes Montgomery Design Competition (FRMDC) is proudly hosted by the ASME Hawaii Section and aimed to the students of Mechanical Engineering with the goal of recognizing and rewarding their senior capstone design. ASME has been hosting it for 38 years since its inception in 1987. This event is co-sponsored by the University of Hawai'i, Department of Mechanical Engineering (DME) and the ASME Hawai'i Francis R. Montgomery Foundation. The DME Spring 2025 FRMDC was held on Friday, May 9, 2025 at the University of Hawai'i at Manoa, Hawaii Institute of Geophysics Building Room 110.

The competition consisted of 8 teams from the ME 481/482 design course. The 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, a poster session & hardware demonstration was followed in which the teams were able to provide additional information about their projects to the judges.

The students were able to present a variety of projects that are described afterwards in which it showcased their ingenuity and demonstrated work that can have a direct impact in Hawai'i. They cared about reducing waste and supporting individuals in recovery from medical events, as well as, designing and manufacturing satellites, drones, a rocket and an EV formula car, showing improved processes by using the latest currently available 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 PFR

(Plastic Filament Recycler), in second place and receiving \$300 was Team Hokulele, and in third place and \$200 was Team AFWD Team.

FIRST PLACE: TEAM PFR - PLASTIC FILAMENT RECYCLER

The goal of this project is to develop a 3-in-1 Polylactic Acid (PLA) recycling system to reduce Fused Deposition Modeling (FDM) 3D printing waste at the University of Hawai'i at Mānoa (UHM). The system integrates a Shredder, a Dryer, and an Extruder to convert failed prints and support structures into recycled filament spools. This project addresses the growing environmental concerns associated with additive manufacturing by providing an efficient, closed-loop recycling system.



2nd Place - Team Hokulele (L to R): Ryan, Amos, Koa, Abigail, Micah, Andrew, and Karl.

SECOND PLACE: TEAM HOKULELE – TWO-STAGE HIGH-POWERED ROCKET

Team Hōkūlele is developing a two-stage high-powered rocket with a target altitude of 25,000 feet in accordance with the Friends of Amateur Rocketry (FAR) FAR-Unlimited Competition requirements. The purpose of this project is to inspire future University of Hawai'i at Mānoa students to collaborate, compete

in an international aerospace engineering competition, and represent Hawai'i within the rocketry community.



3rd Place - Team AFWD (L to R): Simone, Wilson, and Regina.

THIRD PLACE: TEAM AFWD - AIAA FIXED-WING DRONE TEAM

The AIAA Fixed-Wing Drone Team has designed, analyzed, constructed, and tested a radio-controlled (RC) fixed-wing aircraft system in preparation for a mock 2025 American Institute of Aeronautics and Astronautics (AIAA) Design/Build/Fly (DBF) Competition. The DBF Competition challenges student teams internationally to apply aerospace engineering principles through the hands-on development of aircraft capable of completing mission-specific tasks under real-world constraints.



Team Lewa Lani (L to R): Nolan, Crumel, Kaala, Len, and Andrew.

TEAM LEWA LANI - CANSAT

The name Lewa Lani, meaning "Highest Stratum of the Heavens" in Hawaiian, symbolizes the team's aspirations for excellence. Team Lewa Lani is a senior capstone design team from the University of Hawai'i at Mānoa, developing a CanSat—a small, fully functional satellite payload designed to perform tasks such as data collection, telemetry transmission, and controlled descent after being deployed from a rocket.



1st Place - Team PFR (L to R): Scott, Jason, Tysen, Helen, Catarina, Ethan, Kirsten, and Shane.

continued on page 2



Published monthly by:

HAWAII COUNCIL OF ENGINEERING SOCIETIES

ADDRESS ARTICLES FOR PUBLICATION TO:
MANAGEABILITY, LLC

643 Ilalo Street, Suite 204 • Honolulu, HI 96813
Email: wiliki@manageability.pro

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

P.O. BOX 2873
HONOLULU, HAWAII 96802

HOME PAGE: HCESHAWAII.ORG
EMAIL: HCESORG@GMAIL.COM

2025-2026 OFFICERS

CHAIR:	KATHLEEN CHU	
VICE-CHAIR:	MICHELLE MANUEL	
SECRETARY:	ALICIA SUZUKI	
TREASURER:	SCOTT SHIRAIISHI	
PAST CHAIR:	LINDSAY NAKASHIMA	
SOC	REPRESENTATIVE	ALTERNATE
AACE	D. LADINES	C. GILDOR
ACECH	D. NEMOTO-SHIMA	
APWA	J. LAMER	
ASCE	E. TOMISHIMA	
ASHRAE	J. MCDONOUGH	D. MESTAS
ASME	A. SIU HO	
EAH	C. SHON	S. GILLIE
FALEA	M. STEVENSON	
HSPE	K. KUNIMUNE	
HWEA	R. BABCOCK	
IEEE	R. WUBBENS	M. SAHARA
ITE	J. THOMAS	
SAME	N. WOOD	
SEAOH	J. SUMITOMO	
SFPE	S. DANNAWAY	
SWE	K. YOSHIDA	
UHM COE	S.K. CHOI	

FOLLOW US!



[@hawaiicouncilofengineeringsocieties](https://www.linkedin.com/company/hawaii-council-of-engineering-societies)



[@hceshawaii](https://www.facebook.com/hceshawaii)

DEADLINE FOR
WILIKI
IS JUNE 15TH

A MESSAGE FROM THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS, AND LANDSCAPE ARCHITECTS

The Board of Professional Engineers, Architect, Surveyors, and Landscape Architects reminds all individuals that, pursuant to Hawaii Administrative Rules §16-115-10(4), "plan stamping;" i.e. sealing, stamping, or certifying any document which was not prepared by or supervised by the licensee, is considered misconduct in the practice and may be subject to disciplinary action.

Complaints can be filed with the Regulated Industries Complaints Office ("RICO"). More information for licensees & consumers on the Board's website: https://cca.hawaii.gov/pvl/news-releases/easla_announcements/.

CONT'D FROM PAGE 1 "SPRING 2025 FRANCIS RHODES MONTGOMERY DESIGN COMPETITION RESULTS".



Team WALK (L to R): Hwa-Jin, Wei Jie, and Naava.

TEAM WALX – WEARABLE AMBULATORY LIFTING EXOSKELETON

The Wearable Ambulatory Lifting eXoskeleton (WALX) is a cost-effective, lightweight mobility aid designed to support individuals in recovery from medical events—such as strokes or surgeries. WALX addresses the limitations of current exoskeleton systems, which are often expensive, complex, and physically demanding for the hospital staff to operate or assist patients with. With a prototype cost of approximately \$6,000, WALX presents a promising step towards more accessible and user-friendly exoskeletal devices.



Team BalloonSat (Back Row L to R): Eric, Conor, Fa'alepo "Po", and Andrew. (Front Row L to R): Skyler, Andrew Jan "AJ", Victor, Sheldon, and John.

TEAM BALLOONSAT - ADVANCED BALLOON SATELLITE 9

The University of Hawai'i Advanced Balloon Satellite 9 (UHABS-9) is the ninth balloon satellite (BalloonSat) iteration within the program's history. Hawai'i poses a unique challenge in recovering BalloonSat equipment, given that each island is surrounded by ocean. To resolve this dilemma, the UHABS-9 team shall develop an ocean recovery vehicle for a high-altitude BalloonSat capable of autonomously delivering its data-recording payload to a predetermined recovery site after a water landing up to 1 mile off the coast of O'ahu.



Team UHDT (L to R): Jusutin, Tyler, Camryn, Kolton, Adam, and Curran.

TEAM UHDT – UNIVERSITY OF HAWAII' DRONE TECHNOLOGIES

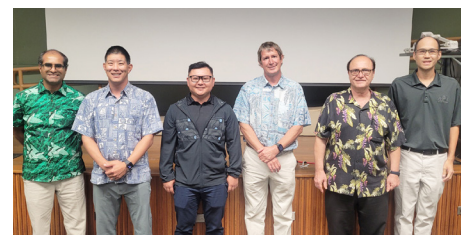
Developing a new UAV (Unmanned Automated Vehicle) that is capable of autonomous waypoint navigation, autonomous object detection, and autonomous payload delivery. In addition, the new airframe will be more portable (with foldable arms), capable of operating in rain (with waterproof electronics/ avionics), and includes a parachute recovery mechanism in case of an emergency. These improvements will reduce the time UHDT spends transporting the drone to and from the airfield and ensure flight tests do not need to be stopped or canceled due to adverse weather conditions.



Team RWR (L to R): La-Marr, Orion, Alena, Kassity, Ryan, and Aadil

TEAM RWR - RAINBOW WARRIOR RACING SAE-EV-FORMULA

Rainbow Warrior Racing (RWR) has been working on the design, analysis, fabrication, and testing/validation of a competitive electric vehicle that strictly complies with all FSAE EV regulations and requirements, whilst also showcasing efficiency and determination to successfully complete all competition events.



Judges (L to R): Mihir (Raytheon), Jason (HECO), Jon (HECO), Nick (HECO) with Dr. Nejhad (UHM), and Abel (ASME)

ACKNOWLEDGEMENTS:

ASME Hawai'i would like to thank Dr. Mehrdad Nejhad and Dr. Trevor Sorensen along with the UHM DME for organizing the Spring 2025 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 Jason Nakasato, Nick Paslay, and Jon Taketa from Hawaiian Electric and Mihir Patel from Raytheon who donated their time to judge the projects.



HWEA

HAWAII WATER ENVIRONMENT ASSOCIATION
WWEF Member Association

P.O. BOX 2422
HONOLULU, HI 96804
WWW.HWEA.ORG

2025-2026 OFFICERS

President: Jessica Agsald
president@hwea.org
Vice-President: Kayson Smith-Bejgrowicz
vice-president@hwea.org
Secretary: Sarang Agarwal
secretary@hwea.org
Treasurer: Carly Kaneko-Uejo
treasurer@hwea.org
Past President: Brandon Uejo
past-president@hwea.org
PWO Representative: Virgil Viernes
pwo-representative@hwea.org
PWO Representative: Jeff Kafka
pwo-representative@hwea.org
National Delegate: Kyle Yukumoto
national-director@hwea.org



**STRUCTURAL
ENGINEERS
ASSOCIATION
OF HAWAII**

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

**2024 BOARD OF DIRECTORS
OFFICERS AND DIRECTORS**

President: Grant Okunaga
MKE Associates, LLC.
Vice President: Eric Tomishima
Iwamoto Engineering Consultants
Secretary: Adrian Lee
i3Ngeering
Treasurer: Alex Kikuyama
Consulting Structural Hawaii
Director (Yr 1): Michael Fragleasso
Hilti
Director (Yr 1): Maxx Toyama
Nagamine Okawa Engineers

PREVIOUS BOD MEETING

May 14, 2025

MEMBERSHIP

The following new membership applications were received:

- Keith Kido, affiliate – Masonry Institute of Hawaii

Please contact any SEAHO Board Member by June 9, 2025 to file comments regarding the new applicant.

The following memberships have been approved:

- Amr Ghanem, associate – Martin, Chock & Carden Inc.

**STEM NIGHT AT HOOKELE ELEMENTARY
SCHOOL – APRIL 17, 2025**

Some of our members volunteered to engage with the students and their parents to talk about structures withstanding seismic loading. The students had the opportunity to build a lego structure on a shake table that was later activated to simulate an earthquake. The students got to learn about cyclical loading and its effect on structures.

NEXT BOD MEETING

Friday June 13, 2025. For information, contact SEAHO President Grant Okunaga at grant@mkellc.com

**2024-2025 ASCE Hawaii Section Officers**

President: Sheila Uyeoka, P.E.
email: president.ascehawaii@gmail.com
Pres.-Elect: Steven Doo, P.E.
email: presidentelect.ascehawaii@gmail.com
Vice Pres.: Amanda Waki, P.E.
email: vicepresident.ascehawaii@gmail.com
Treasurer: Norman Leong, P.E.
email: treasurer.ascehawaii@gmail.com
Secretary: Jason Sugibayashi, P.E.
email: secretary.ascehawaii@gmail.com
Past Pres.: Eric Tomishima, P.E.
email: pastpresident.ascehawaii@gmail.com
YMF Pres.: Rebecca Pitts, P.E.
email: president.ascehawaiiyymf@gmail.com

EXECUTIVE COMMITTEE MEETING

Last held: May 13, 2025

Next meeting: June 10, 2025

**ASCE HAWAII SECTION DINNER
MEETING**

We will keep you informed via e-blasts and/or notices posted on our website at ascehawaii.org with the 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.

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.

**ASCE HAWAII SECTION STUDENT
SCHOLARSHIPS**

ASCE Hawaii Section would like to congratulate the 2025 Walter Lum Scholarship recipients. A total scholarship award amount of \$6,000 was awarded to Travis Nitta and Aaryk Iwamoto and was funded by the Walter Lum

Scholarship Endowment Fund. Big Mahalo to our generous sponsors!

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 presidentelect.ascehawaii@gmail.com.

ASCE GOLF TOURNAMENT

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/>



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

2024-2025 YMF Officers

Rebecca Pitts, President
president.ascehawaiiyymf@gmail.com
John Kim, Vice President
vicepresident.ascehawaiiyymf@gmail.com
Christine Mau, Treasurer
treasurer.ascehawaiiyymf@gmail.com
Jaren Iwasa, Secretary
secretary.ascehawaiiyymf@gmail.com
Lance Lam, Past-President
pastpresident.ascehawaiiyymf@gmail.com

YMF GENERAL MEETING

The next YMF general meetings will be in-person on Wednesday, June 4, 2025, at 6:00PM and Wednesday, July 2, 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 yymf.hawaii@gmail.com.

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 yymfhawaii.jobshadow@gmail.com.

*Note: Information collected will help help Job

Shadow Program pair mentor(s) and mentee(s) up based on their experience and interest.

PARADISE PEDALS SOCIAL OUTING BY ALEAH GAPO, KAY HASHIMOTO, AND NICOLE RAYMUNDO, SOCIAL ACTIVITIES CHAIRS

On April 25th, 22 ASCE Hawaii YMF members participated in a Kaka'ako bar tour with Paradise Pedals Hawaii. Everyone biked through Kaka'ako and stopped at 3 bars, which included Hana Koa, Howzit Brewing and The Row Kaka'ako. Thanks to everyone for a fun night out, and stay tuned for our next social event!



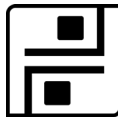
DISCOUNT OF PE EXAM PREP COURSE ON EET BY BRIAN BISSEN, PE EXAM INFORMATION CHAIR

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 yymf808.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.

2025 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>

**WILIKI
ADVERTISERS
WANTED**



**ENGINEERS AND
ARCHITECTS OF
HAWAII**

P.O. BOX 1901, HONOLULU, HI 96805-1901
AN ASSOCIATION FOR HAWAII'S ENGINEERS
AND
ARCHITECTS
WEB ADDRESS: WWW.EAHAWAII.ORG

EAH 2024-2025 OFFICERS

PRESIDENT	BARBARA ROGERS	(808) 781-8537
1ST VP	OPEN	
PAST PRES.	CANAAN SHON	(808) 845-3900
TREASURER	AARON ERICKSON*	(808) 497-0119
SECRETARY	SAM GILLIE*	(808) 397-3607
DIRECTOR	MARTIN MCMORROW*	(808) 247-1794
DIRECTOR	PHILIP BLACKMAN*	(808) 282-7948
DIRECTOR	ANDREW STANTON	

*PAST PRESIDENT

FRIDAY JUNE 6 NOON

Speaker: Robert Pytlarz – Electric Rate Analyst Hawaiian Electric

Topic: Constructing Fair Electric Utility Rates

Robert will talk about how our electricity rates are constructed to provide fair rates for utility users and the utility, while also encouraging energy conservation goals for residential and commercial customers.

BOARD MEETING: JUNE 14 SATURDAY HOAKALEI COUNTRY CLUB - NOON

Friday June 20 Noon

Speaker: Cheryl Larua Executive Director Early Childhood Education YMCA

Topic: Importance of Early Childhood Education

Cheryl will talk about how critical early childhood education is invaluable for the future of our children's long-term education, especially in these uncertain times.



ASME-HI 2024-2025 Officers

Email: ASMEHawaii@gmail.com
 Section Chair Abel Siu
 Vice-Chair Raymond Liu
 Treasurer Kevin Dang
 Secretary Derek Sato
 Members-at-Large Ed Chang, Justin Souza

ASME-HAWAII GENERAL MEMBERSHIP MEETING APRIL 25, 2025 NOTES

- Final preparations for FRMDC Spring 2025.
- Officer volunteers received for fiscal year 2025- 2026.

ASME-HAWAII NEXT GENERAL MEMBERSHIP MEETING

Our next meeting is tentatively scheduled via Zoom on late June. Please contact us if interested in participating.



COLLEGE OF ENGINEERING
UNIVERSITY of HAWAII at MĀNOA

2540 Dole Street, Holmes Hall
Honolulu, Hawaii 96822

UHM College of Engineering Deans and Chairs

Dean	Brennon Morioka
Associate Dean	Steven M. Durbin
Assistant Dean	Song K. Choi
CECE Chair	Phillip Ooi
ECE Chair	Wayne Shiroma
ME Chair	Joseph J. Brown
HAWTI Dir.	Magdy Iskander



AMERICAN SOCIETY OF HEATING,
REFRIGERATING AND AIR-CONDITIONING
ENGINEERS, INC. HAWAII CHAPTER

P.O. BOX 3916, HONOLULU, HI 96812-3916

Hawaii Section Officers 2024-2025

President	Joshua McDonough, PE
Pres-Elect	Charles Chaloeicheep, PE
Vice Pres	Dan Mestas
Secretary	John Fuller
Treasurer	Kelly Zheng

Board of Governors

Justin Choriki, Marites Calad, Samantha Nakamura,
Tyson Toyama, Holly Morikami, Morgan Lorenzo



**ASSOCIATION
FOR THE
ADVANCEMENT
OF COST
ENGINEERING
HAWAII SECTION**

HAWAII SECTION 2024-2025 OFFICERS

WWW.AACEHAWAII.COM

PRESIDENT	CALVIN GIDLOF, CCP
VICE PRES.	SCOTT AREND, PSP
SECRETARY	ROLLIN WAKELY, CCP
TREASURER	YONG SHI, CCP
SOCIAL MEDIA	DAVID LADINES
PAST PRES.	JUSTIN KIRSCHNER, CEP, PSP

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.

IEEE Hawaii Section

INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS
THE IEEE IS THE WORLD'S LARGEST TECHNICAL ORGANIZATION DEDICATED TO ADVANCING TECHNOLOGY FOR THE BENEFIT OF HUMANITY.

WEBSITE: [R6.IEEE.ORG/HAWAII](https://r6.ieee.org/hawaii)

IEEE HAWAII SECTION 2024-2025 OFFICERS

CHAIR: BRIANNE TENGAN
VICE CHAIR: MATTHEW SAHARA
SECRETARY: QUYNH TRAN
TREASURER: WAYNE LAYUGAN
PAST CHAIR: ROXANNE BIRCH

UPCOMING EVENTS

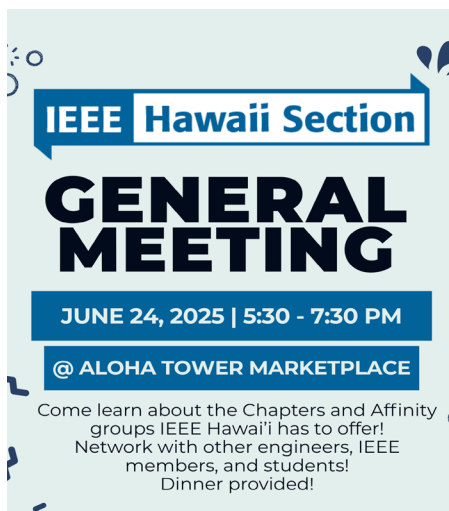
IEEE Executive Committee (ExCom) Meeting

- Last meeting: May 7th, 2025
- Next meeting: June 4th, 2025
- Register here:
<https://events.vtools.ieee.org/m/461223>

For a full list of upcoming events, visit
r6.ieee.org/hawaii/events

IEEE Hawaii General Meeting

- When: 24 Jun 2025, 05:30 PM HST
- Where: 1 Aloha Tower Dr. Honolulu, Hawaii, Multipurpose Room 2
- Why: Learn about IEEE and the Chapters and Affinity Groups we have here in Hawaii! Network with other engineers, IEEE members, and students.
- Register here:
<https://events.vtools.ieee.org/m/482693>



IEEE Hawaii Section

GENERAL MEETING

JUNE 24, 2025 | 5:30 - 7:30 PM

@ ALOHA TOWER MARKETPLACE

Come learn about the Chapters and Affinity groups IEEE Hawai'i has to offer! Network with other engineers, IEEE members, and students! Dinner provided!

IEEE Hawaii YP and ASHRAE YEA Networking at the Nighthawk

- When: 13 June 2025, 05:30 PM
- Where: The Nighthawk, Chinatown
- Why: Join IEEE Hawaii YP and ASHRAE YEA for an electrifying evening at Nighthawk on Friday, June 13th! This Young Professionals Networking Night is designed for engineering professionals looking to connect, collaborate, and kick back. Starting at 5:30 PM, enjoy great company, engaging



Hawaii Pacific University's student engineering team recently competed in the 2025 NASA Student Launch Competition.

conversations, and—most importantly—delicious free food. Don't miss this chance to expand your professional circle in a dynamic atmosphere!

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 - Bowers + Kubota

For job listings, visit r6.ieee.org/hawaii/jobs

Want to post a job? r6.ieee.org/hawaii/post-a-job

UPCOMING CONFERENCES

- 2025 ACM/IEEE International Symposium on Empirical Software Engineering and Measurement (ESEM), 1 - 3 October 2025 | Honolulu, Hawaii, USA | Event Format: In-person and Virtual
- 2025 IEEE/CVF International Conference on Computer Vision (ICCV), 19 - 25 October 2025 | Honolulu, Hawaii, USA | Event Format: In-person
- 2025 IEEE International Symposium on Emerging Metaverse (ISEMV), 19 - 20 October 2025 | Honolulu, Hawaii, USA | Event Format: In-person
- 2025 IEEE Automatic Speech Recognition and Understanding Workshop (ASRU), 6 - 10 December 2025 | Honolulu, Hawaii, USA | Event Format: In-person

For more information about upcoming conferences, visit bit.ly/ieeehiconferences

STUDENT HIGHLIGHT

Hawaii Pacific University's student engineering team recently competed in the 2025 NASA Student Launch Competition. This competition involved 70 college and university teams from across the United States, with HPU proudly being the only university representing Hawai'i.

A huge shoutout to the student team and Arif Rahman, Ph. D. for representing Hawai'i

and HPU with excellence! Read more about their journey and the competition here: <https://tinyurl.com/38czbd5f>

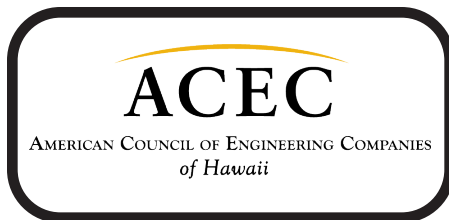
CONGRATULATIONS ON ACHIEVING IEEE SENIOR MEMBER STATUS!

On behalf of the IEEE community, the IEEE Hawaii Section is pleased to recognize Yao Zheng as recently elevated to Senior Member. Senior member is the highest grade for which IEEE members can apply.

Yao Zheng is an Associate Professor in the Department of Electrical and Computer Engineering, University of Hawai'i at Mānoa. Yao received his B.S. degree in microelectronics from Fudan University, China, in 2007, M.S. degree in Electrical and Computer Engineering from Worcester Polytechnic Institute in 2011, and Ph.D. in computer science and applications from Virginia Tech in 2016. He joined UHM in January 2017, and has been on the faculty of the Department of Electrical and Computer Engineering (Assistant Professor 2017~2023, Associate Professor 2023~). His research group aims to explore software, system, microwave, and material engineering for applications in mmWave/sub-THz wireless communication, sensing, and security, biomedical sensors, etc.

We look forward to his continued success and future contributions to the field.





ACEC Hawaii

Website: www.acechawaii.org**2024-2025 BOARD OF DIRECTORS**

President: Shannon Holman
 Orion Engineers & Associates
 Charles Jury
 Okahara and Associates, Inc.
 Treasurer: Kealohi Sandefur
 Yogi Kwong Engineers, LLC
 Secretary: Timothy Goshi
 KAI Hawaii, Inc.
 Nat. Dir.: Nimr Tamimi
 Engineering Partners
 Past Pres: Kyle Kaneshiro
 The Limtiaco Consulting Group
 Director: George Takase
 Ronald N.S. Ho & Associates
 Director: Dayna Nemoto-Shima
 Pacific Geotechnical Engineers, Inc.
 Director: Simone Simbeck
 Haley & Aldrich

THAT'S A WRAP ON THE ACECH 2025 SYMPOSIUM!

Mahalo to the sponsors, speakers, and 200+ attendees who participated in our biennial joint state-city-county symposium! We're proud to be part of a community committed to shaping Hawaii's future together.

This event would not have been made possible without the support of our sponsors:

Platinum Sponsors: Austin, Tsutsumi & Associates, Bowers + Kubota Consulting, Community Planning & Engineering, Haley & Aldrich, HDR, Manageability, LLC, Yogi Kwong Engineers, Okahara and Associates, The Limtiaco Consulting Group

Gold Sponsors: AECOM, Brown and Caldwell, Carollo Engineers, Jacobs Engineering

Silver Sponsors: Orion Engineers & Associates

Huge mahalo also to our vendors this year!

J. Uno & Associates

Manageability, LLC

WestPac Wealth Partners

**SAVE THE DATE – JUNE GENERAL MEMBERSHIP MEETING ON JUNE 27**

Pack your clubs for our next General Membership Meeting (GMM) on Friday, June 27! Our June GMM will be held at the Poipu Golf Course Restaurant, featuring special guest speaker, Mayor of Kauai, Derek Kawakami! Following the meeting will be an afternoon of

golfing on the beautiful green of Poipu Golf Course.

Registration closes on Friday, June 20. Make sure to sign up early, as attendance is limited. We hope to see you there!

Go to, <https://acechawaii.org/june-2025-general-membership-meeting/> for information.

CONGRATULATIONS TO THIS YEAR'S ACECH ENGINEERING SCHOLARSHIP RECIPIENTS, BRONSON MORIOKA & TRAVIS NITTA!

The ACECH Engineering Scholarship awards students who are enrolled in an ABET-accredited program and who plan to pursue a career in engineering following graduation. This year, ACECH is honored to award Bronson Morioka with \$2,000 and Travis Nitta, \$3,000.



Bronson is a rising junior at the University of Michigan, where he is pursuing a degree in civil engineering. Since he graduated from 'Iolani School in 2023, Bronson has interned with Yogi Kwong Engineers under their construction management division and has an internship with AC Kobayashi this upcoming summer. Bronson hopes to return home in the future to aid in the convergence of sustainability in construction.



Travis Nitta is currently a University of Hawaii Regents Scholar completing a Bachelor of Science in Civil and Environmental Engineering in the Structures Track with Honors. Travis is greatly involved with the American Society of Civil Engineers (ASCE), where he represents ASCE Region 8 in the ASCE Student Presidential group and served as the ASCE UH Manoa Student Chapter President. In February, Travis was also recognized by the Hawaii Council of Engineering Societies (HCES) as the 2025 Student Engineer of the

Year. Travis plans to pursue an MS in Structural Engineering at Stanford University, where he hopes to become a licensed structural engineer to find innovative solutions to address Hawaii's aging infrastructure and harmonize the built environment with the unique natural and cultural environment of Hawaii.

Congrats again to Bronson and Travis!

SAVE THE DATE - AIA/ACECH/GCA PAU HANA: AN EVENING WITH UH PRESIDENT WENDY F. HENSEL

When: June 26, 2025

Time: 4:30 P.M. to 7:30 P.M

Where: AC Hotel Honolulu - Marriott

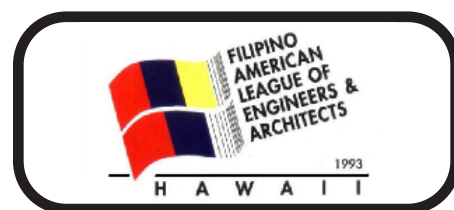
For more information and updates regarding registration, go to: <https://acechawaii.org/aia-acech-gca-pau-hana-an-evening-with-uh-president-wendy-f-hensel/>



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

HSPE Officers for 2024-2025

President: Irina Constantinescu
 IConstantinescu@BrwnCald.com
 Pres. Elect: Mike Silva
 mike@femaui.com
 Vice Pres: Sara Doi-Tanaka
 sdoi@bowersandkubota.com
 Secretary: Ikaika Rodenhurst
 iredenhurst@bowersandkubota.com
 Treasurer: Pac Chung
 pchung@bowersandkubota.com
 HOD '24-'25: Mike Lum
 mlum@bowersandkubota.com



P.O. Box 4135, Honolulu, Hawaii 96812

Website: <http://www.falea.org>

2025 OFFICERS and DIRECTORS

President: Ferdinand B. Guinto
 Secretary: Majella D. Stevenson
 Treasurer: Joel L. Francisco
 Public Relations Officer: Maricel O. Guinto
 Immediate Past President: Gene C. Albano, Jr.
 Directors: Angelie L. Armas
 Riza Marie R. Gatdula-Cao
 Maritez A. Marquez
 Joey G. Resurreccion
 Elvi P. Sutherland
 Roger A. Urbi



P.O. Box 31218, Honolulu, HI 96817
Web page: www.samehonolulu.org

SAME Honolulu Post Officers

President	CAPT Stephen Padhi, PE, U.S. Navy
1st VP, Programs	Leighton Wong, PE
2nd VP,	
Sustaining Members	Will Boudra, USN (Ret)
3rd VP, Membership	Brian Weinstein
Secretary	Jeff Clark
Treasurer	Andre Lee

PAU HANA AND PUB TRIVIA AT ALOHA BEER COMPANY'S KAKA'AKO LOCATION

- Date and Time: Wednesday, June 18th, 2025 @ 7:00pm
- Location: Aloha Beer Company – 700 Queen Street, Honolulu, HI 96813

Event Highlights

SAME Honolulu Young Members Committee is getting back to our roots this month with a pub trivia event. We'll be attending the Geeks Who Drink event, and those always have some stiff competition. Aloha Beer Company's flagship location on Queen Street has parking behind the storefront if you take the ramp up just west of the storefront.

I'm also aware that HWEA/AWWA will be having a similar gathering so let's give them some serious competition. Please send your RSVP no later than June 17th to nick.wood@stantec.com

Cost:

- **FREE.** SAME Honolulu Post will pick up a round of beverages! This is another chance to let loose and enjoy an evening with your fellow SAME members and other industry professionals.
- Being a Young Member (< 39) is not a requirement; mentors are welcome too.
- Bringing a Non-SAME member friend is encouraged. The Non-SAME member should work with an interest in military engineering, architecture, construction, and related fields or be part of a uniformed service. Make sure that you sign up both you and your guest before the **June 17th** RSVP deadline.

Don't miss out on the fun!



2024-2025 Officers:

President:	Michelle Agustin Lindsey
Vice Pres.:	Joel Thomas
Sec/Treas:	Joshua Ramelb



Po Box 12204 Honolulu, HI 96828
www.uhalumni.org/eaauh

EAAUH Board

President	Nolan Tanaka
Vice President	Brianne Tengan
Treasurer	Megan Ueno
Secretary	Matthew Sahara
Past Pres	Landan Sakai
Directors	Ken Kawahara
	Stancher Mabellos
	Rodney Chong
	Steven Cayetano
	Anthony J. Paresa
	Wayne A. Shiroma
	Jonathan M. Suzuki
	Kai Fonseca
	Ronald Malalis
	Brianne Yamada
	Cristina Felicitas
	Scott Kunioka
	Sasha Cain
	Chad Korenaga
	Taaga Tuulima
	Rika Okino
	Kylie Urasaki
	Gabby Baguio
	Kaiaka Kepa-Alama
	Shane McMonagle
	Brett Katayama
	Dian Nguyen
	Stacey Ueda
	David Narahara
	Tiffany Rose Mendoza

Stud.Dir.

UPCOMING EVENTS

48th Annual EAAUH Golf Tournament

When: July 3, 2025

Shotgun: 11am

Where: Pearl at Kaluaao

Join alumni and friends to raise scholarship funds for incoming freshmen at the UHM College of Engineering! Dinner banquet to follow.

Visit go.hawaii.edu/988 for more information.



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

EMAIL: hawaii@swe.org

Facebook: www.facebook.com/swe.hawaiianislands

2024-2025 SWE Hawaiian Islands (SWE-HI) Section Officers

President:	Lynette Shiroma
Vice President:	Vacant
Treasurer:	Mary Despe
Secretary:	Erin Yamaguchi

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.



HAWAII CHAPTER OFFICERS

President:	Chris Pruitt, PE
	Coffman Engineers
Vice President:	Robert Suster, PE
	InSynergy Engineering
Secretary:	Jordon Kilbey, PE
	US Army Corps of Engineers
Treasurer:	Sam Dannaway, PE
	Coffman Engineers

ENGINEERING SOCIETIES’ OUTREACH CALENDAR
STAY UP TO DATE WITH THE LATEST EVENTS IN THE ENGINEERING COMMUNITY!
EXPLORE UPCOMING EVENTS ON OUR CALENDAR BELOW.

06 JUNE 2025

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4 ASCE YMF General Meeting	5 IEEE ExCom Meeting	6 eaH Meeting #1	7
8	9	10 ASCE Hawaii Executive Committee Meeting	11	12	13 IEEE Hawaii YP and ASHRAE YEA Networking at the Nighthawk SEAOH BOD Meeting	14
15	16	17	18 SAME Professionals Pau Hana & Pub Trivia	19	20 eaH Meeting #2	21
22	23	24	25	26 AIA-ACECH-GCA Joint Pau Hana	27 ACECH June GMM on Kauai	28
29	30					

HAWAII COUNCIL OF
ENGINEERING SOCIETIES
P.O. BOX 2873
HONOLULU, HAWAII 96802
RETURN SERVICE REQUESTED

Professional Directory

 <p>1001 Bishop Street, Suite 1600 Honolulu, HI 96813 tel: 808.521.3051 www.aecom.com</p>	 <p>Civil Traffic Environmental Surveying Branch Offices in Wailuku, Maui and Hilo, Hawaii www.atahawaii.com</p>	 <p>• Project Management • Planning • • Architectural/Engineering Design • Construction Management 94-408 Akoki Street, Suite 201-A • Wailuku, Hawaii 96797 Phone: 808.836.7787 • Telefax: 808.834.4833</p>	<p>YOUR AD COULD APPEAR HERE FOR \$450 A YEAR</p>
 <p>Environmental Engineers & Consultants Maui - Honolulu brownandcaldwell.com</p>	 <p>www.coffman.com</p>	 <p>Oahu: 615 Piikoi Street, Suite 700 Honolulu, Hawaii 96814 Ph: (808) 591-2022, Fax: (808) 591-8333 Email: surveying@cpshawaii.net Maui: 1129 Lower Main Street, Suite 102 Wailuku, Hawaii 96793 Ph: (808) 242-9641 Email: cpsmaui@cpshawaii.net</p>	 <p>Building Value Through Expertise Cost + Project Management 808-947-4525 ccorpora.com</p>
<p>Y. Ebisu & Associates Acoustical and Electronic Engineers 1126 12th Avenue, Room 305 Honolulu, Hawaii 96816 (808) 735-1634</p>	 <p>Civil/Environmental/Sanitary Engineers 1150 South King Street, Suite 700 • Honolulu, Hawaii 96814 Phone: (808) 591-8820 • Fax (808) 591-9010 Email: eci@ecihawaii.com</p>	 <p>1320 N SCHOOL ST., STE 1 HONOLULU, HAWAII 96817 Phone: 591-8116</p>	 <p>GEOTECHNICAL ENVIRONMENTAL HYDROGEOLOGICAL CONSULTANTS (808) 484-5366 www.masafujioka.com</p>
 <p>CONSULTING ENGINEERS WWW.FUKUNAGAENGINEERS.COM CELEBRATING OUR 50TH ANNIVERSARY</p>	 <p>Geotechnical Engineering and Drilling Services 94-429 Koaki Street, Suite 200 Waipahu, HI 96797 Phone: (808) 841-5064</p>	<p>Gray · Hong · Nojima & Associates, Inc. CONSULTING ENGINEERS 201 Merchant Street, Suite 1900 Honolulu, Hawaii 96813 Telephone: (808) 521-0306 Fax: (808) 531-8018 email: grayhongnojima.com www.grayhongnojima.com</p>	 <p>haleyaldrich.com 808.587.7747</p>
 <p>194-025 Farrington Hwy. Waipahu, Hawaii 96797 808/676-0205</p>	 <p>www.hcdhawaii.com sales@hcdhawaii.com ROCK SOLID SINCE 1908</p>	 <p>Honolulu 808.697.6200 Wailuku 808.359.2518 Hilo 808.202.6528 hdrinc.com</p>	<p>HIDA, OKAMOTO & ASSOCIATES, INC. CONSULTING CIVIL ENGINEERS PACIFIC GUARDIAN TOWER 1440 KAPIOLANI BOULEVARD, SUITE 1120 HONOLULU, HAWAII 96814 PHONE: (808) 942-0066 FAX: (808) 947-7546</p>
 <p>Geotechnical Engineering 808.486.0787 www.hirata-hawaii.com</p>	 <p>SAM O. HIROTA, INC. Engineers & Surveyors 864 S. Beretania Street Honolulu, Hawaii 96813 Telephone: 537-9971</p>	 <p>CAD/CAE Service For: Manufacturing Product Testing Failure Analysis Researching HonoSiMu, LLC honosimu.com info@honosimu.com</p>	<p>ISLAND GEOTECHNICAL ENGINEERING, INC. Geotechnical Consultants 330 Ohukai Road, Suite 119, Kihei, Hawaii 96753 Ph: (808) 875-7355 Fax: (808) 875-7122 Email: ige@igehawaii.com</p>
 <p>STRUCTURAL & FORENSIC ENGINEERS 50 S. Beretania Street, #C-119C • Honolulu, HI 96813</p>	<p>Kennedy/Jenks Consultants Engineers & Scientists The BLOCK Honolulu 707 Richards Street Suite 528 Honolulu Hawaii 96813 P: 808.218.6030 F: 808.488.3776 Direct: 808.218.6042</p>	 <p>CIVIL ENGINEERING AND ENVIRONMENTAL CONSULTANTS 1622 Kanakani Street • Honolulu, Hawaii 96817 (808) 596-7790 • tlcghawaii.com</p>	<p>MCE INTERNATIONAL, INC. MECHANICAL CONSULTING ENGINEERS 1360 S. Beretania Street, Suite 400, Honolulu, HI 96814 Phone: (808) 941-0955 Fax: (808) 550-8167 E-mail: mcehilo@mceinternational.com Website: www.mceinternational.com</p>
<p>Creative People. Practical Solutions.® moffatt & nichol Marine & Transportation Planners and Engineers 808.533.7000 www.moffattnichol.com</p>	<p>NAGAMINE OKAWA ENGINEERS CONSULTING STRUCTURAL ENGINEERS 1003 Bishop Street • Suite 2025</p>	 <p>www.oceanit.com</p>	<p>Okahara and Associates, Inc. ENGINEERS AND LANDSCAPE ARCHITECTS Civil - Mechanical Engineers Hilo: (808) 961-5527 • hilo@okahara.com Oahu: (808) 524-1224 • oahu@okahara.com www.okahara.com Small Business</p>
 <p>Soils & Foundation Engineering Consultants 94-417 Akoki Street, Waipahu, Hawaii 96797 Ph: (808) 678-8024 F: (808) 678-8722 E-mail: pge@pacificgeotechnical.com</p>	 <p>SUITE 1500, PACIFIC PARK PLAZA 711 KAPIOLANI BOULEVARD HONOLULU, HAWAII 96813 TELEPHONE: (808) 593-1676 FAX: (808) 593-1607 EMAIL: paren@pareninc.com park engineering Engineers, Surveyors, Planners</p>	 <p>Consulting Civil Engineers since 1969 2046 So. King Street Honolulu, Hawaii 96826 Phone: 808-955-4441 mailbox@satoandassociates.com</p>	<p>SHIMABUKURO, ENDO & YOSHIZAKI, INC. Civil, Environmental & Structural Engineers 1126 12th Avenue, #309 Honolulu, Hawaii 96816-3715 Phone: (808) 737-1875 Fax: (808) 734-5516 Email: seyeng@seyeng.com</p>
<p>Tim Waite, P.E. Sr. Territory Manager Mobile: (808)-479-1216 Email: twaite@strongtie.com Simpson Strong-Tie Co., Inc.</p>	 <p>www.ssfm.com</p>	 <p>720 Iwilei Road Suite 425 P.O. Box 3351 Honolulu, HI 96801 Phone: (808) 536-2705 Fax: (808) 599-4032</p>	<p>R. M. TOWILL CORPORATION SINCE 1930 Civil Engineering Wastewater Engineering Surveying & Mapping Planning Construction Management Project Management</p>
 <p>CONSTRUCTION COST CONSULTANTS 1210 Ward Avenue, Suite 204 Honolulu, Hawaii 96814 Phone: (808) 947-6855 info@juno-associates.com</p>	<p>WALKER INDUSTRIES, LTD. Precast Concrete Products Michael Villanueva P.O. Box 1568 Kahului, Hawaii 96733 Phone (808) 877-3430 Fax (808) 871-7282</p>	 <p>INNOVATORS • PLANNERS • ENGINEERS www.wilsonokamoto.com</p>	<p>WJE 808.591.2728 www.wje.com Engineers Architects Materials Scientists Serving Hawaii and the Pacific Since 1979</p>
<p>YOUR AD COULD APPEAR HERE FOR \$450 A YEAR</p>	<p>Question the ordinary <i>Imagine the extraordinary</i> Create the enduring honor@wsp.com wsp.com/usa 808-536-1737</p>	 <p>Geotechnical & Trenchless Engineering Construction Management Laboratory Testing</p>	<p>YOUR AD COULD APPEAR HERE FOR \$450 A YEAR</p>