

2024 OUTSTANDING CIVIL ENGINEERING ACHIEVEMENT AWARD WINNERS

The American Society of Civil Engineers (ASCE) Hawaii Section is pleased to announce the 2024 Outstanding Civil Engineering Achievement (OCEA) Award winners. The purpose of this award program is to recognize projects that demonstrate important outstanding civil engineering accomplishments by Hawaii's design and construction professionals. To be eligible, projects were required to have been designed or constructed in Hawaii and completed within the last two years. Some of the key judging criteria included: resourcefulness in planning and solving design challenges; contributions to the well-being of people and communities; pioneering use of materials and methods; innovations in construction; minimization of impact on physical environment; and composite application.

The following projects and project teams were honored and presented with awards at the ASCE Hawaii Section OCEA Awards Ceremony, which was held on Thursday, September 26 at The Kahala Hotel and Resort. Congratulations to our winners!

2024 HAWAII SECTION OCEA GRAND AWARD WINNER AND 2024 BEST LARGE PROJECT

Project Name: **RISE**

Project Owner: **University of Hawaii Foundation and Hunt Development**

Submitted by: **BASE**

RISE, or Residences for Innovative Student Entrepreneurs, is a brand-new integrated live-learn-work-innovation center at the University of Hawaii at Manoa campus. RISE is a unique facility with dormitory-style housing for 374 students, from freshmen to graduate students, and offers housing, workspace, and resources for students interested in entrepreneurship and innovation. The building includes co-working spaces, meeting rooms, and other amenities to support these efforts. RISE includes the construction of a new building and the renovation of the historic, 100-year-old Charles Atherton House which presented numerous challenges due to the age of the building.

2024 BEST TRANSPORTATION PROJECT

Project Name: **Single-Platform Integrated, Simultaneous Multibeam Bathymetric and LiDAR Topographic Data Acquisition System – Kaunalapau Harbor Emergency Survey**

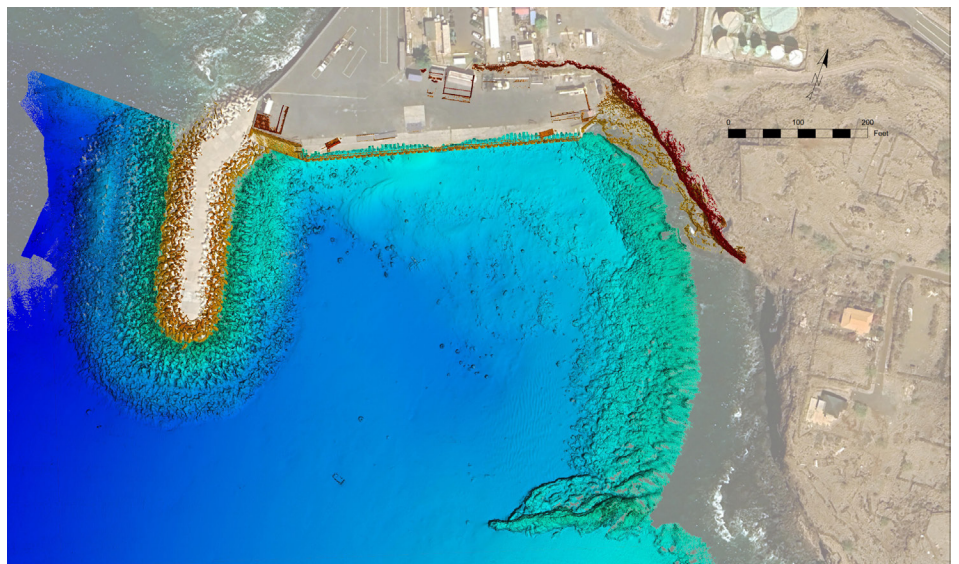
Project Owner: **State of Hawaii Department of Transportation**

Submitted by: **Sea Engineering, Inc.**

Young Brothers was scheduled to offload the island's weekly cargo on the morning of June 19, 2024. Extreme high and low tides were



RISE



Single-Platform Integrated, Simultaneous Multibeam Bathymetric and LiDAR Topographic to Data Acquisition System - Kaunalapau Harbor Emergency Survey

occurring in Hawaii as a result of the summer solstice. YB personnel determined that it was unsafe to offload the cargo and returned to deeper water. Sea Engineering submitted a proposal for a multibeam bathymetric survey of Kaunalapau Harbor the next day. A multibeam bathymetric survey quickly produces a dataset

of high resolution georeferenced soundings. Sea Engineering's equipment was rerouted to Lanai, and quick proposal turnaround and NTP from HDOT resulted in Sea Engineering's response by immediately scheduling the survey.

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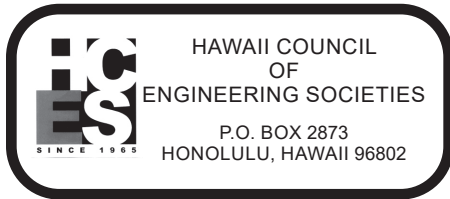
HAWAII COUNCIL OF ENGINEERING SOCIETIES

ADDRESS ARTICLES FOR PUBLICATION TO:

MANAGEABILITY, LLC
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Email: wiliki@manageability.pro

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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.



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- President: Keoni Wasano
keoni@goldwings-supply.com
- Vice Pres.: Michelle Agustin Lindsey
- Sec/Treas: Joel Thomas

OCTOBER

Mahalo to those who joined us at our Annual Meeting held on October 24, 2024! We had a lot of fun playing lawn games and a fun family

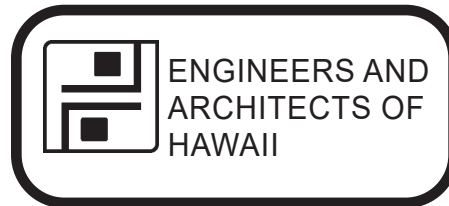
feud style competition. It was great getting to meet with all of our industry professionals and students alike. We look forward to an amazing 2025.

Please visit our website for upcoming events and future registrations. www.ite-hawaii.org.

UPCOMING EVENTS:

We have no more planned events for 2024 but please check back soon as 2025 is right around the corner and we have exciting events in the works!

If you would like to be informed on future ITE events or are interested in becoming a member, email Joel Thomas at joel@qrse.com.



P.O. BOX 1901, HONOLULU, HI 96805-1901
AN ASSOCIATION FOR HAWAII'S ENGINEERS AND ARCHITECTS
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FRIDAY NOVEMBER 1

Speaker: Canaan Shon Manager Hawaii Geophysical Services, LLC

Topic: "Superman Vision, Seeing Through Concrete, Dirt, Walls etc."

Canaan will talk about the latest technology detecting hidden utilities and keeping you out of trouble. Canaan is civil engineer, attended University of Hawaii, and assume management of the Hawaii Geophysical Service two years ago. Canaan is the immediate Past President of engineers and architects of Hawaii.

FRIDAY NOVEMBER 15

Speaker: Curt Dodds IT Manager, Institute for Astronomy University of Hawaii

Title: "The Cybersecurity Challenge: Perfect Defense vs Constant Attack"

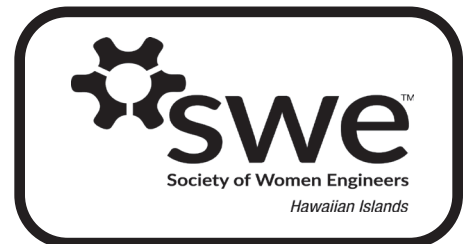
We live and work in a world under constant threat of cyber-attack. In this talk Curt will survey the cyber threat landscape, demystify terminology, review attacks and defenses, and highlight best practices for cybersecurity. He will demonstrate a man in the middle attack, brute force password cracking, ending with a look at AI and Zero Trust Architecture trends.

Curt Dodds is the IT Manager at the Institute for Astronomy at the University of Hawaii, Manoa. Curt started his tech career untraditionally, with a degree in Philosophy from Westmont College. He earned his MS in Software Engineering at Cal State Fullerton. Curt developed software and systems for 15 years in the commercial and defense sectors,

cofounded a tech startup and then pivoted to become IT Director at Simpson University in Redding, CA. In 2015 Curt left California for Hawaii to join the Institute for Astronomy. As a software engineer, Curt uses "Deep Learning" neural networks to solve problems in astronomy, astrophysics, cybersecurity and finance.

eaH was an Industry Partner for PBX Hawaii 24 trade show on October 3rd at the Honolulu Convention Center. Watch an **eaH** 10-minute video on YouTube **eaHawaii1902**.

eaH's November Olelo featured video on Channel 53 is the August field trip to the Hawaii Kai Wastewater treatment plant hosted by American Hawaii Water Company Manager Lee Mansfield. Watch at 6 pm Nov 13 and Sundays at 1 pm. The full tour will be available on the eaH YouTube channel **eaHawaii1902**.



HOME PAGE: <http://hi.swe.org>
EMAIL: hawaii@swe.org
Facebook: www.facebook.com/swe.hawaiianislands

2023-2024 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.



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

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president.ascehawaiiymf@gmail.com
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- Christine Mau, Treasurer
treasurer.ascehawaiiymf@gmail.com
- 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, November 6, 2024, at 6:00PM and Wednesday, December 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.

CORE AND MAIN FIELD TRIP BY AARON VILLANUEVA AND CONNOR KAGAMIDA, FIELD TRIP CHAIRS

On Thursday, September 19 of 2024, 15 YMF members went to Pacific Pipe in Pearl City for a presentation and field trip. Aubra Aina from Pacific Pipe did a presentation on the different pipe products and materials for water distribution, drainage, sewer, and irrigation systems. After the presentation, Shaun Yoshizawa, the local manager, finished off the field trip by giving a tour of the yard facility and the warehouse. We would like to give a big mahalo to Aubra and Shaun.



ASCE YMF AND UH MANOA ASCE STUDENT CHAPTER SOCIAL MIXER BY AL J LEANO AND DAVID NEMOTO, SOCIAL ACTIVITIES CHAIRS

On Saturday, September 21, ASCE Hawaii Section YMF and UH Manoa's ASCE Student Chapter had a social mixer BBQ at Magic Island Beach Park. As the student chapter has started a new school year, it was a great opportunity to bring the two organizations together! With over 30 YMF and Student Chapter members at the event, the afternoon was filled with interesting conversations, volleyball hitting, spikeball spiking, and football throwing fun. It was great to hang out with the Student Chapter and we look forward to collaborating with them for future events.



ASCE YMF and UH Manoa ASCE Student Chapter Social Mixer

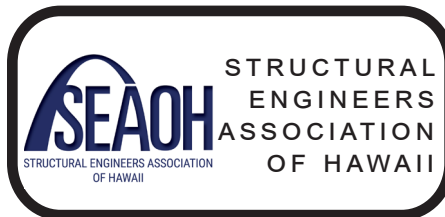
ASCE YMF JOB SHADOW PROGRAM

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

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

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>



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

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- Director (Yr 1) Tim Waite
twait@strongtie.com
- Director (Yr 1) Tristan Greene
tgreene@baseengr.com

PREVIOUS BOD MEETING

October 2, 2024

UPCOMING EVENTS

For all events see seaoh.wildapricot.org. Look for email flyers for registration of upcoming

events.

- "Testing the Limits" (of CMU) sponsored by Masonry Institute of Hawaii – October 24, 8:00 AM to 12:00 PM at Blaisdell Center.

SUSTAINABILITY COMMITTEE

SEAOH has formed a new Sustainability Committee. Please contact Eric Borchers for additional information.
eborchers@kaihawaii.com

MEMBERSHIP

Nicholas Gima has been approved as a Student Member. Matthew Ogato of Consulting Structural Hawaii, Inc. has been approved as an Associate Member.

The following new membership applications were received:

Travis Nitta of MKE Associates, LLC, Associate Member

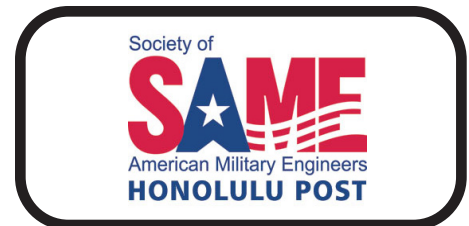
Please contact any SEAOH Board Member by November 1, 2024 to file comments regarding the new applicants.

SEAOH BOARD OF DIRECTORS

SEAOH is looking to fill spots for the 2025 Board of Directors. If interested in serving on this prestigious board, please contact Mike Greer mgreer@wje.com

NEXT BOD MEETING

Wednesday November 6, 2024. For information, contact SEAOH President Tim Goshi at tgoshi@kaihawaii.com.



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

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- 2nd VP, Sustaining Members Will Boudra, USN (Ret)
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- Secretary Jeff Clark
- Treasurer Andre Lee



Lahaina Post-Wildfire Drainline Assessment

“2024 OUTSTANDING CIVIL ENGINEERING ACHIEVEMENT AWARD WINNERS,” CONT'D FROM PAGE 1

2024 BEST SPECIAL PROJECT

Project Name: **Lahaina Post-Wildfire Drainline Assessment**
 Project Owner: **County of Maui, Department of Public Works, Engineering Division**
 Submitted by: **Brown and Caldwell**

On August 8, 2023, wildfires devastated the historic coastal town of Lahaina, Maui County, burning over 2000 acres of residential and commercial areas, resulting in the loss of 102 lives and approximately 2000 structures. Within days of the event, Brown and Caldwell was retained by the County of Maui, Department of Public Works to perform rapid screening-level visual assessments of the County storm drainage system within the Lahaina burn zone. This project aimed to document the conditions of the County’s storm drain assets and identify those requiring immediate attention to protect the health and safety of the community and the disaster recovery support teams. The secondary purpose of the condition assessment was to identify storm drain damage caused by the fire such that the County could benefit from Federal Aid.

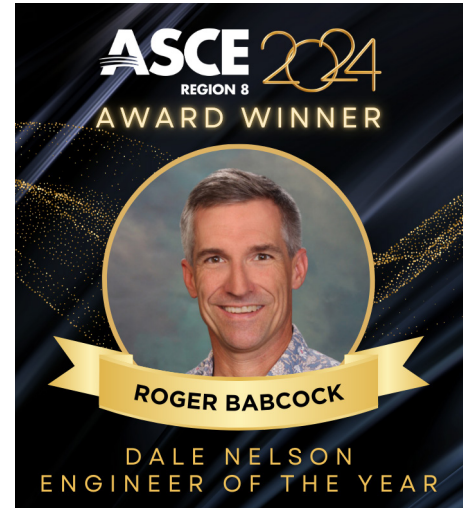
2024 BEST WATER/WASTEWATER/ ENVIRONMENTAL PROJECT

Project Name: **Waimea Wastewater Treatment Plant R-1 Water Storage and Distribution System**
 Project Owner: **County of Kauai, Department of Public Works, Wastewater Management Division**
 Submitted by: **Kennedy/Jenks Consultants, Inc.**

The Waimea Wastewater Treatment Plant (WWTP) is located on the southwest side of the Island of Kauai, just outside of Waimea Town. Waimea WWTP serves the areas of Central Waimea Town, Waimea Heights, and Waimea Valley by treating wastewater from domestic, commercial, industrial, and resort development. Design flow of the WWTP is 0.7 MGD and the current average day flow is 0.2 MGD. County of Kauai, Wastewater Management Division and Kennedy Jenks worked together to develop the Waimea WWTP R-1 Distribution System Preliminary Engineering Report that defined a project approach to construct a core storage and distribution system for R-1 recycled water distribution to customers in the area.



Waimea Wastewater Treatment Plant R-1 Water Storage and Distribution System



We also honored the 2024 ASCE Region 8 Dale Nelson Engineer of the Year, Roger Babcock, JR, Ph.D., P.E. Dr. Babcock has been actively involved with ASCE through various leadership positions throughout the years. Dr. Babcock has excelled in the many hats he has worn by developing civil engineers as a Professor of Civil and Environmental Engineering at the University of Hawaii at Manoa, holding leadership positions in multiple professional organizations, and currently leading the City and County of Honolulu Department of Environmental Services.



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email: pastpresident.ascehawaii@gmail.com
 - YMF Pres.: Rebecca Pitts, P.E..
email: president.ascehawaiiymf@gmail.com

EXECUTIVE COMMITTEE MEETING

Last held: October 1, 2024
 Next meeting: November 5, 2024

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 next dinner 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.

APPROVED ASCE HAWAII SECTION FY25 BUDGET		
INCOME CATEGORIES	FY24 ACTUAL INCOME	FY25 BUDGET AMOUNT
Section Dues	\$ 8,590.76	\$ 9,560.00
Society Allotment	\$ 3,176.92	\$ 4,098.85
Interest	\$ -	\$ -
Scholarship Acct Interest	\$ -	\$ -
Contributions to Section	\$ 10,000.00	\$ 10,000.00
Grants	\$ -	\$ -
26g - Gov. Relations Grant	\$ -	\$ -
26p - Public Relations Grant	\$ -	\$ -
26y - YMF Merit Grant	\$ -	\$ -
Advertising Income	\$ 1,300.00	\$ 1,440.00
ASCE Conf in Hawaii	\$ -	\$ -
Miscellaneous	\$ -	\$ -
Infrastructure Report Card	\$ -	\$ -
Meetings	\$ -	\$ -
57(a) Geotechnical Inst.	\$ -	\$ -
57(b) Struct. Eng. Inst.	\$ -	\$ -
57(c) Hawaii Section	\$ 6,660.03	\$ 10,000.00
57 - OCEA	\$ 11,930.70	\$ 16,000.00
ASCE Golf Tournament	\$ 44,430.00	\$ 45,000.00
Walter Lum Fund	\$ 4,000.00	\$ 6,000.00
ASCE Region 8	\$ -	\$ -
Taxes	\$ -	\$ -
Outreach	\$ -	\$ -
Dream Big	\$ -	\$ 1,000.00
Total Income	\$ 90,088.41	\$ 103,098.85

EXPENSE CATEGORIES	FY24 ACTUAL EXPENSE	FY25 BUDGET AMOUNT
Grants	\$ -	\$ -
26ge Gov Relations Grant	\$ -	\$ -
26pe Public Relations Grant	\$ -	\$ -
26ye YMF Merit Grant	\$ -	\$ -
ASCE Conf in Hawaii	\$ -	\$ -
Miscellaneous	\$ -	\$ 117.00
Donations from Section	\$ 3,000.00	\$ 3,000.00
Infrastructure Report Card	\$ -	\$ -
Stationery & Supplies	\$ 4.90	\$ 100.00
Postage + PO Box Rental	\$ 294.00	\$ 300.00
Online Banking dues	\$ 71.88	\$ 72.00
Newsletter	\$ -	\$ -
Meetings	\$ -	\$ -
57e(a) Geotechnical Inst.	\$ -	\$ -
57e(b) Struct. Eng. Inst.	\$ -	\$ -
57e(c) Hawaii Section	\$ 12,858.39	\$ 10,000.00
57e(d) HCES	\$ 800.00	\$ 1,000.00
57e(f) EC Meetings	\$ 491.70	\$ 1,110.00
57e - OCEA	\$ 5,961.32	\$ 17,000.00
Website	\$ 362.22	\$ 5,000.00
YMF Activities	\$ 4,000.00	\$ 3,000.00
Student Chapter	\$ 1,500.00	\$ 1,500.00
Official Travel	\$ 6,826.90	\$ 5,100.00
Committee Expenses	\$ -	\$ -
Scholarship Awards	\$ 4,000.00	\$ 6,000.00
ASCE Golf Tournament	\$ 49,732.75	\$ 35,700.00
ASCE Region 8	\$ 1,423.00	\$ 1,500.00
Awards & Prizes	\$ 1,500.00	\$ 1,500.00
Quickbooks	\$ -	\$ -
Taxes	\$ 4,288.01	\$ 4,500.00
Outreach	\$ -	\$ 1,600.00
Dream Big	\$ -	\$ 5,000.00
Total Expenses	\$ 97,115.07	\$ 103,099.00
Net Income (Expenses)	(\$ 7,026.66)	(\$ 0.15)



NSPE-HITM
HAWAII SOCIETY OF PROFESSIONAL ENGINEERS

A STATE SOCIETY OF THE NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS

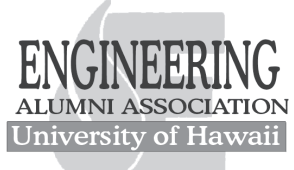
P.O. BOX 3774 HONOLULU, HAWAII 96812

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

HSPE Officers for 2024-2025

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IConstantinescu@BrwnCald.com
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- Vice Pres: Sara Doi-Tanaka
sdoi@bowersandkubota.com
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irodenhurst@bowersandkubota.com
- Treasurer: Pac Chung
pchung@bowersandkubota.com
- HOD '24-'25: Mike Lum
mlum@bowersandkubota.com

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 or Pac Chung of HSPE. The awardees will be presented at the Engineer's Week Banquet in February of 2025. Please contact Kurt Kunimune or Pac Chung of HSPE at kkunimune@bowersandkubota.com or pchung@bowersandkubota.com for nomination forms or with any questions. Nominations will be due by Friday, December 27, 2024. Mahalo!



ENGINEERING
ALUMNI ASSOCIATION
University of Hawaii

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

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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

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 Amanda Waki at vicepresident. ascehawaii@gmail.com.

ASCE JOB LISTINGS

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

- **County of Hawaii, Department of Environmental Management Wastewater Division** (Civil Engineer I-IV)
- **Oceanit** (Civil Designer or Senior Civil Designer)
- **EnviroServices** (Senior Project Manager and Project Manager)

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



ASME
HAWAII

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

SEPTEMBER 27, 2024 GENERAL MEMBERSHIP MEETING

- The hybrid meeting was held at UH Manoa, Holmes Hall with the ASME Student Section officers.

- The students provided feedback on how the Hawaii section could support their activities like setting up facilities tours, providing speakers, and supporting a FE Exam class.

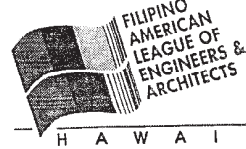
- Planning for Fall 2024 Francis Rhodes Montgomery Design Competition.

2024 KAILUA HIGH SCHOOL ANNUAL CAREER FAIR

ASME is going to be participating at the Kailua High school career fair to promote mechanical engineering field on Friday, November 1st from 8:30 AM to 11:30 AM.

ASME-HAWAII NEXT GENERAL MEMBERSHIP MEETING

Our next meeting is tentatively scheduled via Zoom on November 8th, 2024. Please contact us if interested.



FILIPINO AMERICAN LEAGUE OF ENGINEERS & ARCHITECTS
HAWAII

P.O. Box 4135, Honolulu, Hawaii 96812
Website: <http://www.falea.org>

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ACECH Emerging Leaders Program Cohort #5 at their graduation on October 17.



ACEC Hawaii
Website: www.acechawaii.org

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CONGRATULATIONS TO ACECH EMERGING LEADERS PROGRAM COHORT #5 GRADUATES!

Congratulatory remarks are in order for the members of Cohort #5, who presented their capstone projects and graduated from ACECH's Emerging Leaders Program (ELP) on October 17. Congratulations to Hawaii's future engineering leaders:

- Sean Barre – HDR Engineering, Inc.
- Francis Cheng – Okahara and Associates, Inc.
- Nick Ching – Jacobs Engineering
- Taylor Chock – Haley & Aldrich
- Spencer Chung – KAI Hawaii, Inc.
- Zoe Eto – Sam O. Hirata Inc.
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UH-HILO ENGINEERING PROGRAM UPDATES MEETING ON 11/06 IN HILO, HAWAII

Join us for an exciting event on November 6 at Engineering Partners, Inc. where Brennon Morioka and Doug Simons will be sharing the latest updates on the UHH Engineering Program. Whether you are a current student, alumni, or just interested in the field, this is a great opportunity to network and stay informed. Don't miss out on this chance to connect with fellow engineers and learn about the exciting developments happening in the program.

Registration ends today! Go to, <https://acechawaii.org/uh-hilo-engineering-program-updates-meeting/> for more information and registration details. See you there!

NOVEMBER GENERAL MEMBERSHIP MEETING ON 11/13

Meet us at the Japanese Cultural Center of Hawaii for our next General Membership Meeting on Wednesday, November 13, from 12 p.m. to 1:30 p.m.! The Office of Small Business Programs, NAVFAC Pacific, will present on how to do business with NAVFAC Pacific and procurement readiness.

Check out our website for more details on registration: <https://acechawaii.org/november-general-membership-meeting/>.

ACEC HAWAII PRESIDENT SHANNON HOLMAN IS FEATURED IN PACIFIC BUSINESS NEWS!

ACEC Hawaii's President, Shannon Holman, was recently featured in an article for Pacific Business News titled "5 Questions with Shannon Holman of Orion Engineers & Associates." In this interview, she addresses how Hawaii's engineering industry faces challenges in the job market. Read more on Shannon's feature at <https://acechawaii.org/acech-president-shannon-holman-featured-in-pacific-business-news-article/>.

RECAP: OCTOBER GENERAL MEMBERSHIP MEETING

Mahalo to everyone who attended our October General Membership Meeting and especially to our guest speakers, Brennon Morioka and the Chamber of Commerce of Hawaii! We hope you enjoyed learning more about their Engineering Sector Partnership. If you missed the meeting or want to learn more about their new initiative, check out, <https://www.cochawaii.org/engineeringsector/>.



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IEEE EXECUTIVE COMMITTEE (EXCOM) MEETING

Last meeting: October 3rd, 2024

Next meeting: November 7th, 2024

Register here:

<https://events.vtools.ieee.org/m/434369>

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

JOIN IEEE NOW AND ENJOY THE REST OF 2024 FOR FREE!

Are you considering becoming an IEEE member? Now is the perfect time! If you sign up for an IEEE membership today, you'll get the rest of 2024 completely free and only pay for 2025. This offer applies exclusively to new members, so don't miss out!

For existing members, renew your membership and enter to win a raffle for \$500 digital gift card! The early renewal drawing for one of ten US\$500 digital gift cards is open to existing IEEE members and Society Affiliates who renew their membership prior to 1 November 2024.

Register here for membership:

<https://www.ieee.org/membership/join/index.html>

IEEE JOB LISTINGS

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

- Department of Ocean and Resources Engineering, University of Hawai'i at Mānoa - MS/PhD Opportunities in Ocean Engineering and Oceanography/Electrical Engineering

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

Want to post a job?

r6.ieee.org/hawaii/post-a-job

NEW CHAPTERS

The IEEE Hawaii Section has 2 new Technical Chapters!

IEEE Hawaii Antennas and Propagation

(APS) Chapter - contact Zhengqing Yun (zyun@hawaii.edu)

IEEE Hawaii Oceanic Engineering Society (OES)/Aerospace and Electronic Systems Society (AESS)/Geoscience and Remote Sensing Society (GRSS)/Robotics and Automation Society (RAS) Joint Chapter - contact Brianne Tengan (brianne.tengan@ieee.org)

UPCOMING CONFERENCE IN HAWAII

• [2024 IEEE 36th International Symposium on Computer Architecture and High Performance Computing \(SBAC-PAD\)](#), 13 - 15 November 2024 | Hilo, Hawaii, USA | Event Format: In-person

• [2024 IEEE 17th International Conference on Nano/Molecular Medicine & Engineering \(NANOMED\)](#), 2 - 5 December 2024 | Honolulu, Hawaii, USA | Event Format: In-person

For more information about upcoming conferences, visit https://conferences.ieee.org/conferences_events/conferences/search?q=Hawaii

SEMINAR PHYSIOLOGICAL RADAR FOR BIOMEDICAL MONITORING AND SMART BUILDINGS

We are excited to announce the successful completion of the seminar on 'Monitoring and Control for Energy-Efficient Machines'. A big thank you to Prof. Daisy Green for sharing her groundbreaking PhD and postdoc research, showcasing innovative methods for system maintenance and flexible energy management. Key highlights included advanced electrical monitoring techniques, machine learning approaches, and thermal control strategies for energy-efficient buildings, along with demand-side management for a more sustainable grid. It was an inspiring session.

Thanks IEEE Power & Energy Society in Hawaii and IEEE Hawaii Women In Engineering for hosting the event! Thank you to everyone who participated in this event!



ENTREPRENEURSHIP FOR ENGINEERS: TURN YOUR INNOVATION INTO AN IMPACT BUSINESS

Aloha, Engineers of Hawai'i! Are you ready to transform your technical expertise into a thriving business that can make a real difference in our islands, mainland, and beyond? Introducing Entrepreneurship for Engineers—a four-part course designed to help you explore entrepreneurial opportunities, develop essential business skills, and turn your innovative ideas into successful ventures. Our approach is especially relevant to complex, high-value solutions. These solutions could be hardware, software, a service (XaaS), or a professional service (consulting). The differences between these delivery models are more minor than most people realize.

Explore the value of your solution. There are many business options for delivering a solution.

Many profitable business models do not match the parameters that interest investors. Is there a business model that can deliver your goals? Participants are expected to bring a product concept to explore with the course topics. The consequences of the basic concepts are more concrete with a personal use case.

Use this link to register for the program or to request more information: [link](#)

VOLUNTEER CALL FOR ROBOTICSFORALL

IEEE Hawaii Life Member Affinity Group is excited to announce a new initiative—RoboticsForAll — designed to make robotics accessible to high school students. The program is centered around three key goals:

- Very low cost (\$70 which we may be able to give away)
- Robotics for every participant, one per student
- Focus on programming — no game controller

We're seeking volunteers to help us grow and bring this vision to life! Here are the roles we need:

- Coders to build more demos and expand programming options.
- Release engineers to package software and create documentation for students.
- Marketing support to help us reach more students and schools.
- Demos to recruit coaches.

If you're passionate about robotics, coding, or education, we'd love to have you on board!

Join us and help empower the next generation through RoboticsForAll! Contact: eugene.chang@ieee.org for more information.

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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.



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