

25TH ANNUAL UNIVERSITY OF HAWAII COLLEGE OF ENGINEERING BANQUET



(L to R) Jeanine Morioka; Lt. Gov. Sylvia Luke; College of Engineering Dean, Brennon Morioka; Laurie Arakawa; Alan Arakawa; Alan Arakawa; Felimar Magaoay; Michael Magaoay; Colton Ching; UH VP for Legal Affairs, Carrie Okinaga; UH VP for Research & Innovation, Vassilis Symros.

Over 900 guests enjoyed an evening showcasing student innovations and community member achievements at the 25th Annual UH College of Engineering Banquet on Friday, April 18, 2025, at the Hawai'i Convention Center. The much-anticipated annual gathering is the College's largest fundraiser, with proceeds supporting undergraduate research, and brings together current students and faculty with alumni and industry members for a memorable evening of entertainment, celebration, and connections. The festivities kicked off with a cocktail reception showcase of the latest student research projects, featuring over 30 teams with technologies such as drones, rockets, bridges, satellites, rovers, 3D printing advancements, an EV-race car, and more. Attendees then enjoyed a farm-to-table meal while enjoying student-provided entertainment from inspirational vocalist Eulamai Tingco (civil



engineering) and ukulele wiz Ryden Omine (mechanical engineering). Lieutenant Governor Sylvia Luke kicked off the formal program, which honored three inspirational community members - Michael Magaoay (Outstanding Service Award), Alan Arakawa (Distinguished Alumni Award) and Colton Ching (Dean's Award of Excellence), as well as this year's featured student group, the ASCE Hawaii UH chapter.

Dean Brennon Morioka and his team would like to thank all of the generous table sponsors who contributed to the event's success: Legends sponsors Hawaiian Electric Industries, Royal Contracting Co, and Wasa Electrical Services Inc; Heroes sponsors AECOM, Albert C. Kobayashi, Inc., Austin, Tsutsumi & Associates, Inc., Bow Construction Management, Castle & Cooke Homes Hawaii, Inc., Community Planning & Engineering, Inc., First Hawaiian Bank, Fukunaga & Associates, Inc., Hawaii Gas,



Hawaiian Dredging Construction Company, Inc., and InSynergy Engineering, Inc.; Champions sponsors Akinaka & Associates, Ltd., AWP Safety, Bowers + Kubota Consulting, Burns & McDonnell, Central Pacific Bank, Clay & Glenn, EAAUH, Element Environmental, Engineering Concepts, Inc., Frank Coluccio Construction Company, G70, Gentry Homes, Ltd., Geolabs, Inc, Gray, Hong, Nojima & Associates, Inc, Hawaii Engineering Services, Hawaiian Dredging Construction Company, Inc., HC&D, HDR Engineering, Inc., Hensel Phelps, Hirata & Associates, Inc., Immersive Worlds, J. Uno & Associates, Jacobs, Jayar Construction Co., Inc., Koga Engineering & Construction, Inc., Mechanical Enterprises, Inc., Michael Magaoay, Moss Construction, Nordic PCL Construction, Inc., Oceanit, PBR Hawaii & Associates, Inc., The Limtiaco Consulting Group and WSP USA Inc.; and additional donors Alexander & Baldwin, Inc./Grace Pacific,

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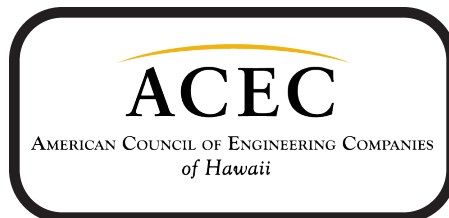
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ACEC Hawaii
Website: www.acechawaii.org

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REGISTER NOW FOR THE 2025 ACECH SYMPOSIUM ON MAY 15!

Join us for a day filled with educational breakout sessions, guest speakers from numerous State and County agencies, and networking! ACEC Hawaii will host its biennial symposium ("2025 ACECH Symposium") at the Japanese Cultural Center of Hawaii on May 15, 2025. This event is open to ACECH members, non-members, and government employees. Register or become a sponsor now at <https://acechawaii.org/2025-acech-symposium/>.

REGISTRATION STILL OPEN FOR THE ACEC ANNUAL CONVENTION & LEGISLATIVE SUMMIT 2025 FROM MAY 18 TO MAY 21

Registration is now open for the ACECH Annual Convention & Legislative Summit 2025, taking place in Washington D.C., from May 18 to May 21. This prestigious event brings together professionals from across the industry for three days of educational sessions, insightful guest presentations, and valuable networking opportunities. Further details can be found at <https://www.acec.org/education-events/events/annual-convention/>.



MAHALO FOR JOINING US AT OUR APRIL GENERAL MEMBERSHIP MEETING (GMM)

We hope you enjoyed our April GMM at the Japanese Cultural Center on April 22! We would like to extend a huge mahalo to our special guest speaker, Gerard P. Cavaluzzi, who provided an enlightening presentation on "Navigating Expectations: Agency Standards and Engineering Accountability," to Alicia Suzuki for moderating, and lastly, to our Risk Management Committee for holding a discussion panel following the presentation. We look forward to seeing everyone at our next meeting!



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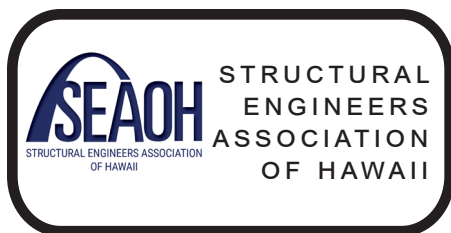
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PREVIOUS BOD MEETING

April 2, 2025

MEMBERSHIP

The following new membership applications were received:

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

Please contact any SEA OH Board Member by May 7, 2025 to file comments regarding the new applicant.

The following memberships have been approved:

- Amada McCokindale, associate – Stantec Consulting, Inc.
- Leanne Ogata, affiliate – Tileco Inc.

NEXT BOD MEETING

Wednesday May 14, 2025. For information, contact SEA OH President Grant Okunaga at grant@mkellc.com



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email: president.ascehawaiiyymf@gmail.com

EXECUTIVE COMMITTEE MEETING

Last held: April 7, 2025

Next meeting: May 13, 2025

ASCE HAWAII SECTION DINNER MEETING

ASCE Hawaii Section COPRI (Coasts, Oceans, Ports & Rivers Institute)

PROGRAM: TBD

Check our website at ascehawaii.org for updates and an email will be sent out to membership with more information.

DATE: Thursday, May 22nd

LOCATION: The Edge at 31 North

TIME: 5:30pm Social Time

6:30pm Dinner

7:00 Program

MENU: Multi-entrée buffet

COST: \$50.00 for ASCE Members

\$60.00 for Non-Members and Guests

\$25.00 for ASCE Student Chapter Members

RSVP via ascehawaii.org

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

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)

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Lance Lam, Past-President
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YMF GENERAL MEETING

The next YMF general meetings will be in-person on Wednesday, May 7, 2025, at 6:00PM and Wednesday, June 4, 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.

NEWTOWN DRIVING RANGE OUTING BY ZACHARY CHANG, GOLF ACTIVITIES CHAIR

On Saturday, March 1, YMF held a driving range event at Newtown Golf Driving Range in Aiea. The 18 YMF members in attendance enjoyed the nice and sunny day to work on their golf swings and catch up with friends. We also had a fun competition of "closest to the target" and "longest drive". Thank you to all who participated!



PEARL HARBOR FIELD TRIP BY AARON VILLANUEVA AND CONNOR KAGAMIDA, FUNDRAISING CHAIRS

On Tuesday, March 11th, 11 YMF members and 3 student chapter members attended a tour of the Pearl Harbor Naval Shipyard. Before the tour, a presentation was given on the history of the current dry docks on base, along with a future dry dock that is currently in the works. After the presentation, YMF members got to explore the Lifting and Handling Technical Division to learn about the operation and maintenance

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challenges of the portal and floating cranes. Finally, members got to drive by Dry Dock #1 and explore the caisson in Dry Dock #2 to learn about how ships get transported into the dock and how the dock gets dewatered to allow access for ship/submarine maintenance. We would like to thank Karina, Jayme, Chad, Captain McCrillis, and Pearl Harbor Naval Shipyard for this opportunity!



HONOLULU FESTIVAL DAIJIYAMA PARADE BY JAREN IWASA, SECRETARY

On Sunday, March 9th, 8 YMF members participated in the Honolulu Festival Parade, pulling the Daijiyama float! Thank you to the volunteers for their help with pulling the float!

MOANALUA ELEMENTARY SCHOOL BRIDGE NIGHT BY IAN ENDRINA AND JEFFREY DING, OUTREACH CHAIRS

On Thursday, March 25, 2025, ASCE Hawaii YMF members came to Moanalua Elementary School to help with Bridge Night, which is an annual event where kids strength-test the bridges that they have built over the last quarter of school! While the kids anxiously awaited their results, they participated in our bonus activities, which included Slender (Paper) Tower, Foil Boats, and Popsicle Stick Catapults. Winning statistics for the activities included holding 130 pennies in a single sheet foil boat (wow!) and 68" tall for a paper tower with only 10 pieces of paper. There were definitely some future engineers among the kids at the event, and we hope that Bridge Night only increased their passion for science, math, and engineering



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:yμφhawaii.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.

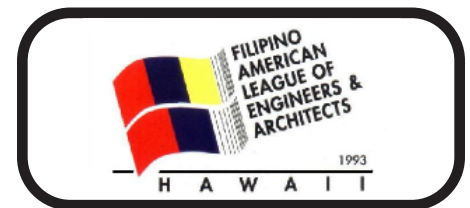
DISCOUNT OF PE EXAM PREP COURSE ON EET BY BRIAN BISSEN, PE EXAM INFORMATION CHAIR

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:yμφ808.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>



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Email: ASMEHawaii@gmail.com

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ELECTIONS FOR ASME-HAWAII 2025-2026 VOLUNTEERS OFFICERS

ASME Hawaii is electing volunteers for its Senior Leadership Team (SLT) for the next ASME fiscal year from July 2025 to June 2026. The SLT includes the Section Chair, Vice-Chair, Treasurer, Secretary, and three Member at large.

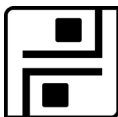
Polling is available from May 1st to 15th, 2025. Please send any inquiries at ASMEHawaii@gmail.com.

FRANCIS RHODES MONTGOMERY DESIGN COMPETITION

ASME Hawaii is hosting the UH Manoa mechanical engineering students design competition that serves as their senior design project. Competition to be held on May 9, 2025, at UH Manoa from noon to 6 pm. Feel free to contact us for any inquiries.

ASME-HAWAII NEXT GENERAL MEMBERSHIP MEETING

Our next meeting is tentatively scheduled on late May 30th, 2025 via Zoom. Please contact us if interested in participating.



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FRIDAY MAY 2ND

Speaker: Tess Hotchkiss Clean Energy
 Wayfinder State Energy Office

Topic: "The Big Island Can Teach World

About Energy Innovation"

Tess will present on Hawaii's diverse energy-scape, from renewables, forms of diversification, grid balancing, community, agrivoltaics, and the many inventive ways Hawaii keeps its many energies close to home.

Tess Hotchkiss is a Clean Energy Wayfinder on the Big Island, who has previous work in international development. She moved to Hawaii 5 years ago after her service in the Peace Corps doing agricultural work in Paraguay. She's an avid surfer, agriculturist, and sustainable living enthusiast. Small business owner and fashionista all in one.

FRIDAY MAY 16TH**Program:TBA**

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UPCOMING EVENTS

IEEE Executive Committee (ExCom) Meeting

- Last meeting: April 2nd, 2025
- Next meeting: May 8, 2025
- Register here:

<https://events.vtools.ieee.org/m/461222>

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

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

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

UPCOMING CONFERENCES

- NOMS 2025-2025 IEEE Network Operations and Management Symposium, 12 - 16 May 2025 | Honolulu, Hawaii, USA | Event Format: In-person
- 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

PAST EVENTS**Introduction to Geothermal Hawai'i**

On March 5, representatives from UH, Puna Geothermal Venture, Geothermal Rising and Burns & McDonnell gave a presentation on geothermal energy at the UH Manoa campus. An overview of geothermal power generation was provided along with a summary of our unique geology in Hawai'i. We hope to repeat this "Geothermal 101" seminar annually. Mahalo to the (50-ish?) students and professionals who attended!

**IEEE OES/MTS Pau Hana**

On April 10th, the IEEE Hawaii Oceanic Engineering Society (OES) and Marine Technology Society (MTS) Hawaii Section had a joint pau hana at Pitch Sports Bar, where ocean scientists and engineers from industry and academia connected over pupus and drinks.

Special thank you to SAME Honolulu Post for covering the drinks! We look forward to partnering with MTS Hawaii Section on future events.

68th Hawaii State Science & Engineering Fair

The 68th Hawaii State Science & Engineering Fair was held March 31st to April 2nd at the Neal



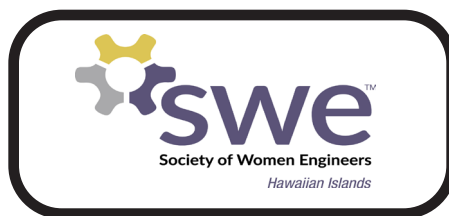
Blaisdell Center. The IEEE Hawaii Section gave out special awards to the top 3 Senior Projects grades 9 to 12 and top 2 Junior Projects grades 6 to 8 related to Electrical Engineering and Computer Science. This year we had 4 IEEE members volunteer to judge the Senior Projects Song Choi, Eugene Chang, Tom Brotherton and Michael Hirakami. For the Junior Projects we had 3 judges John Borland, Sophie Tang and Al Toda. Governor Green opened the award ceremony by talking about his experience as a Westinghouse Science Fair participant and going to the National competition when he was a student many years ago.



Behind-the-scenes Skyline tour at Hitachi Rail

On April 12, IEEE Hawaii members had an incredible opportunity to go on a special behind-the-scenes tour of the Hitachi Rail facility, where we got an up-close look at the operations that

keep the Skyline rail system running smoothly in Honolulu. From the state-of-the-art control center to the cutting-edge technology powering the autonomous trains, it was inspiring to see the level of innovation and engineering excellence in action. Big thanks to the Hitachi Rail team for hosting us and sharing insights into how the Skyline is helping shape the future of sustainable transportation in Hawai'i.



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

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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.

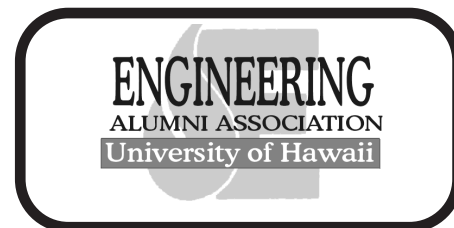


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As a member of the Board of the Council of Engineering and Scientific Specialty Boards (CESB), AACE International offers a range of certification levels from technician to professional to expertise level including CCT, CCP, CEP, EVP and PSP Certification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



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On March 27-28 and April 1-2, Hawaii Energy hosted David Wylie, PE and Les Taniyama for Spring Technical Training covering the topics of motors, drives, unitary HVAC, and energy efficiency projects. This resulted in over 1,800 participant hours!

On April 5th, our team of volunteers rolled up their sleeves and got to work at Pālehua, a breathtaking conservation area in the Waianae Mountains that is home to some of Oahu's rarest native plants and birds. From clearing invasive species to restoring native habitat,

our day was filled with purpose, teamwork, and muddy boots. We're grateful for the opportunity to steward this land with deep respect for its significance. Big mahalo to the Pālehua team for hosting us, and to every volunteer who made it a meaningful day.

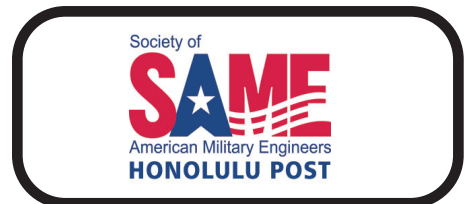
On 4/16-4/17, Carrier Hawaii – Hawaii Energy – ASHRAE Hawaii sponsored a two-day energy modeling course with Jacob Bertani from Carrier HAP.

Coming up on April 26th, the Young Engineers in ASHRAE (YEA) committee is hosting a FREE family bowling outing from 12pm to 2pm at Aiea Bowl. Mahalo to our sponsors, Norman S Wright and Trane. Register here: <https://ashraehawaiichapter.info/meetinginfo.php>



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

05 MAY 2025

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2 eaH Meeting #1	3
4	5	6	7 ASCE YMF General Meeting	8 IEEE ExCom Meeting	9 ASME-HI Francis Rhodes Montgomery Design Competition	10
11	12 NOMS 2025-2025 IEEE Network Operations and Management Symposium 5/12 to 5/16	13 ASCE Hawaii Executive Committee Meeting	14 SEAOH BOD Meeting	15 ACECH 2025 Symposium	16 eaH Meeting #2	17
18 ACEC National Annual Convention & Legislative Summit 2025 from 5/18 to 5/21	19	20	21	22 ASCE Hawaii Dinner Meeting	23	24
25	26	27	28	29	30 ASME-HI General Membership Meeting	31

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