

THE STATE OF THE COLLEGE OF ENGINEERING

On August 25, 2025, the College welcomed more than 1,600 students back to campus—marking a historic high in enrollment—for the start of the fall semester. The week prior, a large cohort of new students participated in the Engineering Blueprints Orientation, bringing fresh energy and excitement for the year ahead.

SAVE THE DATE!

Join the College for the following events in fall 2025. You may learn more about these and other events by visiting eng.hawaii.edu/allevnts

Leadership Seminar Series, presented by the Hayashida Family: Join us each month for a 1-hour hybrid conversation (in person and virtual) with inspirational local leaders. First up is Jason Chang, President and CEO of The Queen's Health Systems, on September 5. Next is Wāhine Basketball head coach Laura Beeman on October 3. Both sessions run from 11:30 am to 12:30 pm.

Engineering Career Expo – Friday, September 26 from 12:00 - 4:00 pm at Campus Center. Students and alumni may register to participate through the above event website.

Leadership Seminar Series, presented by the Hayashida Family, and featuring

Holmescoming – Friday, October 17 from 5:00 – 8:30 pm at the Stan Sheriff Center.

Discover UH Mānoa Open House – Saturday, November 15 from 10:00 am to 1:00 pm. Tour labs and attend events across campus.

Fall Convocation – Friday, December 19 at 5:30 pm at the UHM campus.

Read on for highlights from the past academic year.

FACULTY & STAFF

AUGUST 2024

UH professors **Olga Borić-Lubecke** and **Victor M. Lubecke** spent nearly a year in Europe pursuing Fulbright scholarships, with Borić-Lubecke researching wireless physiological sensing in Spain and Lubecke working on robust physiological radar in Serbia. Their research gained international recognition as they discovered they were “kind of famous” across European universities, leading to numerous speaking invitations and collaborative opportunities that extended their stay beyond the original scholarship period.

UH Mānoa was selected as part of the California-Pacific-Northwest AI Hardware Microelectronics Commons Hub, which received \$15.3 million in funding from the U.S. Department of Defense under the CHIPS and Science Act. The program, led by UH Professors **Jeffrey Weldon** and **Boris Murmann**, will focus on training students in microfabrication



UH Professors Olga Borić-Lubecke and Victor M. Lubecke spent a year in Europe pursuing Fulbright Scholarships

techniques, integrated circuit design, and testing to help maintain U.S. leadership in microelectronics manufacturing.

Professor **Sayed Bateni** from UH Mānoa's Civil, Environmental and Construction Engineering Department secured a \$2.4 million USDA grant to develop an AI-enhanced irrigation management system using weather station data across Hawai'i. The five-year project will enable farmers to conserve water while maximizing crop yields through the CropManage irrigation scheduling software, with fourteen collaborating farms hosting on-farm trials to test the technology.

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UNIVERSITY OF HAWAII'S 2.2-METER (88-INCH) MAUNA KEA TELESCOPE, 1970 HONORED GLOBALLY WITH AN IEEE MILESTONE

BY: JOHN OGAWA BORLAND, IEEE UH88 MILESTONE CO-PROPOSER



Fig.1: IEEE UH88 Milestone Team (left to right: Dr. Song Choi, John Borland, Sophia Tang and Mark Rognstad).

On June 26, 2025, IEEE honored the 55th anniversary of the University of Hawai'i (UH) 2.2-meter telescope globally with an IEEE Milestone. In the morning, a small group, including the 4 members of the IEEE UH 88-inch (UH88) Milestone team formed in March 2020, traveled to the summit (13,796 feet) for

the revealing of the plaque on the observatory building entrance shown in Fig.1. The inscription on the plaque shown in Fig.2 reads, “Dedicated on 26 June 1970, the University of Hawaii 2.2-meter (88-inch) astronomical telescope atop Mauna Kea's 13,796-foot peak was both the world's highest and the first to be controlled by a computer. Its location near the equator, above 40% of Earth's atmosphere and 90% of its water vapor, allowed observation of nearly the entire sky, and thereby enabled the most advanced and powerful Earth-based astronomical observations.”. In the afternoon, Mark Chun director of UH88 hosted 2 hours of presentations and a panel discussion at UH-Hilo, Institute for Astronomy (IFA) auditorium. Those involved in the early days of the UH88, Ann Boesgaard, Alan Stockton, Robert McLaren and Mark Rognstad presented and shared old photos and stories from their experience in the 60s and 70s. A reception followed.

The path for the IEEE Milestone recognition started in 1961 when the University of Hawai'i

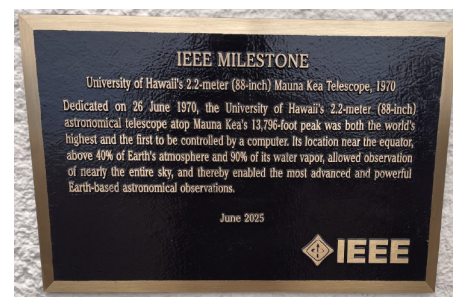


Fig.2: IEEE Milestone plaque with inscriptions for UH88 Mauna Kea Telescope.

received funding from the National Science Foundation to establish the Hawai'i Institute of Geophysics (HIG), and one of the projects of this new institute was to build a solar observatory near the summit of Haleakalā on the island of Maui. Haleakalā reaches 3055 meters elevation and has a paved road enabling

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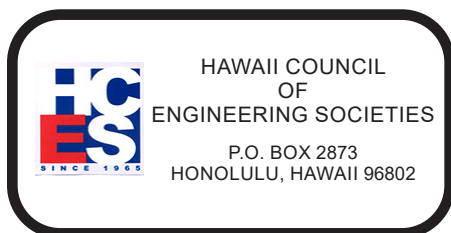


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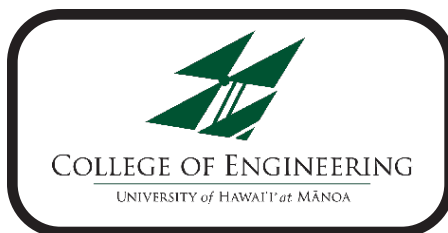
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"THE STATE OF THE COLLEGE OF ENGINEERING" CONT'D FROM PAGE 1

NOVEMBER 2024

UH researchers are developing swarms of microscopic soft robots that could enable less invasive, locally delivered medical procedures. Engineering Professor Tianlu Wang says the technology could be especially valuable for kūpuna and residents in remote areas who currently travel long distances for specialized care.

DECEMBER 2024

Professor **Amarjit Singh** received 2024 Richard R. Torrens Award for his work as editor-in-chief of the Journal of Legal Affairs and Dispute Resolution in Engineering and Construction.

JANUARY 2025

Professor **Tianlu Wang** and his team developed microscopic robots capable of targeted drug delivery within the human body using Janus particles. These tiny robots could revolutionize medical treatment by providing precise, localized therapy for various conditions.

A UH traffic safety project led by Professor **Guohui Zhang** utilizing artificial intelligence won a \$750,000 prize from the U.S. Department of Transportation. The project aims to improve road safety through advanced AI-powered traffic monitoring and analysis systems.

FEBRUARY 2025

Dr. **Roger Chen** from the Civil Engineering Department received a Fulbright U.S. Scholar Award for the 2025-2026 academic year. The prestigious award will allow Dr. Chen to conduct research and teaching activities abroad while representing American higher education.

MAY 2025

Professor **Amarjit Singh** published "Construction Quality Management and Control" through Pearson. The textbook addresses the critical importance of quality management in construction to ensure safety, longevity, and functionality of infrastructure while covering modern tools like data-driven decision-making and risk management for field operations.

JULY 2025

UH Professor **Te Faye Yap** developed a breakthrough method to improve silicone bonding strength, published in Science Advances, that could enhance durability of soft biomedical devices, wearable technology, and soft robots.

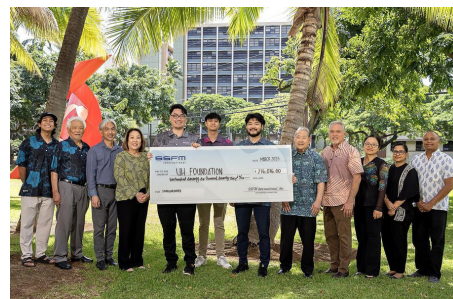
STUDENTS & GRADS

OCTOBER 2024

Four UH Mānoa students received prestigious Eisenhower Transportation Fellowships to support their research in various transportation-related fields. These fellowships provide funding for students to advance transportation research and education in critical areas.

DECEMBER 2024

Andrew Alling, a junior electrical engineering student in the UH College of Engineering, and **Kainalu Seales**, a senior at the Kamehameha Schools Kapālama, successfully implemented a project to bring internet connectivity to underserved homestead families on Moloka'i. The initiative demonstrates how engineering solutions can improve quality of life in remote communities.



JANUARY 2025

Student **Keoni Mabini** attended and presented his research on electrified transportation at the Transportation Research Board's annual meeting in Washington, D.C. His participation in the prestigious fellowship program showcases UH's strong transportation research capabilities.

MARCH 2025

Technology company **Keysight Technologies** upgraded laboratory equipment at UH's engineering facilities with advanced testing and measurement instruments. The upgrade enhances hands-on learning opportunities for students and supports cutting-edge research capabilities.

APRIL 2025

Engineering firm **SSFM International** donated \$276,000 to the University of Hawai'i to establish student scholarships. The donation supports engineering education and helps reduce financial barriers for students pursuing engineering degrees.

MAY 2025

Nineteen UH Mānoa PhD students in botany, engineering, and medicine received 2025 ARCS (Achievement Rewards for College Scientists) scholarships, with three named Scholars of the Year for superior presentations. **Kyle Marcelino** from engineering used microbubbles to improve aquaponic water quality, while **Ty Shitanaka** developed algae-based biomaterials, and other recipients included aerospace engineering student Roxanne Balanay working on gas collection devices for space missions.

Team 'Āina from UH Mānoa won the international Farm Robotics Challenge 2025's Excellence in Productivity (Air) award and \$10,000 prize for their AI-powered drone and robot system that counts and sizes pineapples. Led by junior **Rona Lei Duldulao**, the interdisciplinary team partnered with Dole Plantation to address worker shortages in Hawai'i farming, with their technology using drones for counting and ground robots with 3D

vision algorithms for measuring individual fruit size and shape.

Ka'ala Deitch, a mechanical engineering student at UH Mānoa and graduate of Hawaiian language immersion school Ke Kula 'o Nāwahīokalani'ōpu'u, successfully redesigned a critical platform for the Keck II telescope through the Akamai Workforce Initiative. His innovative design addressed safety and equipment protection issues while demonstrating how cultural fluency can elevate ancestral wisdom in STEM fields, with his long-term goal being to return to Hawai'i Island as a professor to inspire future kama'āina engineers.

JUNE 2025

UH College of Engineering students and professors are developing new detection methods for unexploded ordnance in Hawai'i's volcanic soil, where traditional metal detectors are only 50% effective due to metallic rocks. The team is testing thermal imaging, acoustic, and seismic-based detection methods and expects to receive a \$6 million grant from the Army Engineer Research and Development Center to address cleanup challenges at sites like Mākua Valley.

The L.A. Times featured UH Mānoa engineering students like **Joshua Alferos** who are benefiting from an experimental "pay-it-forward" program offering zero-interest, no-fee loans funded by philanthropies and private businesses including the Harold KL Castle Foundation. The innovative \$2.5 million revolving fund requires no repayment until graduates earn at least \$50,000 annually, with major engineering firms helping employees pay off loans, and repaid money recycling back to help future students in Hawai'i's traditional spirit of "kōkua."

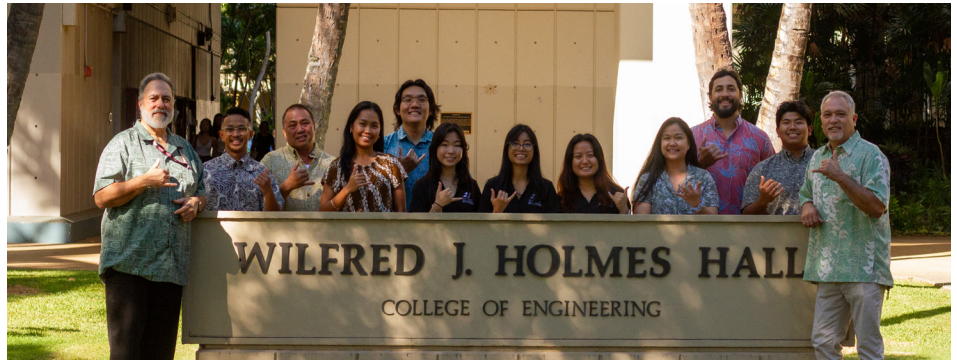
Twenty students from UH Mānoa and UH West Oahu participated in the 2025 Po'okela Fellows Internship Program, gaining hands-on experience in public service with the City and County of Honolulu. Notable projects included civil engineering major **Mira Olivas** working on roadway safety improvements and computer science graduate **Briana Lee** developing a Data Analysis Incident Trend Dashboard for the Honolulu Fire Department.

JULY 2025

Twenty-one high school students from UH's Junior Engineers Summer STEM Experience (JESSE) program visited Pearl Harbor Naval Shipyard for hands-on engineering experiences and mentorship. The students engaged in team-based engineering challenges with shipyard engineers, exploring problems like electrical troubleshooting and cooling system repairs while learning about career opportunities in supporting the Navy's Pacific fleet operations.

Former UH Mānoa men's volleyball libero **'Eleu Choy** was named to the 2024 College Sports Communicators Academic All-America Third Team, becoming the sixth player in program history to earn this national academic honor. Choy, who holds a master's degree in civil engineering and earned AVCA All-America honorable mention honors, was selected among just three men's volleyball players across all Division I Academic All-America teams.

UHM alumna **Erin Kanno Uehara**, who earned her MBA in 2013, built Choco le'a chocolate boutique in Mānoa through community collaboration, including partnerships with the College of Engineering. Since 2022, UH engineering students have designed custom chocolate molds for her business, applying



Burns & McDonnell supported the expansion of Wāhine Connect, a UH initiative dedicated to empowering women in engineering.

classroom knowledge to real-world problems while she discovered that chocolate serves as a "universal language" for connecting with others and building relationships.

COLLEGE-WIDE

NOVEMBER 2024

UH engineering students and faculty engaged with King Intermediate School students to promote STEM education and inspire the next generation of engineers. The outreach program demonstrated various engineering concepts and career paths to encourage middle school students to pursue STEM fields.

Several UH engineering students received national recognition as "rising engineering stars" for their outstanding academic achievements and research contributions. The recognition highlights the quality of engineering education and student excellence at the University of Hawai'i.

DECEMBER 2024

The College's ECE department hosted the IEEE Nanomed conference, bringing leading nanoscience researchers from around the world to Honolulu. The conference showcased cutting-edge research in nanomedicine and nanotechnology with potential applications in healthcare and biotechnology.



JANUARY 2025

UH launched new AI training programs through the Descartes initiative to address critical challenges in decarbonization and healthcare. The program provides students with practical AI skills while tackling real-world problems in sustainability and medical applications.

Engineering firm **Burns & McDonnell** provided support for the expansion of Wāhine Connect, a program supporting women in engineering at UH. The partnership helps promote engineering education and careers.

A new "Kama'āina Come Home" program launched to attract Hawai'i-born engineers back to the islands after completing their education or gaining experience elsewhere. The initiative addresses Hawai'i's engineering workforce shortage by encouraging local talent to return home.

APRIL 2025

Over 900 guests attended the 25th Annual UH College of Engineering Banquet at the Hawai'i Convention Center, featuring student research exhibitions and community recognition. The event honored outstanding alumni and community partners including **Michael Magaoay** (Outstanding Service Award), **Alan Arakawa** (Distinguished Alumni Award), and **Colton Ching** (Dean's Award of Excellence), with Lieutenant Governor **Sylvia Luke** providing the keynote address.

MAY 2025

The University of Hawai'i College of Engineering selected 21 exceptional high school juniors for the 2025 Junior Engineers Summer STEM Experience (JESSE) program, expanding from the usual cohort size due to an exceptionally strong applicant pool. The program ran from June 3 to July 10, 2025, providing students with hands-on exposure to engineering projects, research, and mentorship while visiting leading engineering firms and engaging with UH research facilities.

AUGUST 2025

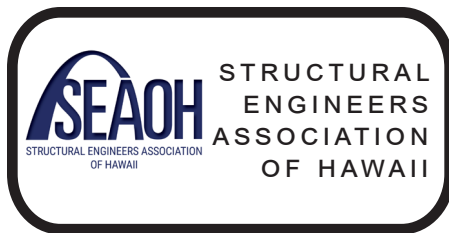
The University of Hawai'i College of Engineering defeated returning finalist Sen Plex in a three-set match to win the 2nd Annual Engineers vs Contractors Volleyball Tournament hosted by Victaulic. The event, which drew 231 players and 450 attendees, fosters collaboration among Hawai'i's water infrastructure professionals, with UH team captain **'Eleu Choy** emphasizing the importance of keeping Hawai'i's civil engineering community connected.



Website: hawaii.apwa.org

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PREVIOUS BOD MEETING

August 6, 2025

UPCOMING EVENTS

- AISC Seismic Design Manual Seminar on September 12, 2025. See <https://learning.aisc.org/local/catalog/view/product.php?productid=2985> for more details.
- 2025 SEA OH Scholarship Golf Tournament. Save the date Friday, November 14, 2025.

MEMBERSHIP

The following memberships have been received:

Danielle Lewis, associate – Coffman Engineers

Please contact any SEA OH Board Member by September 2, 2025 to file comments regarding the new applicant.

NEXT BOD MEETING

Wednesday September 3, 2025. For information, contact SEA OH President Grant Okunaga at grant@mkellc.com



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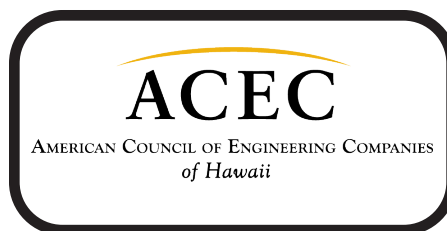


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Save the date. AAACE Hawaii is planning to hold a lunch talk at a downtown location on Wednesday September 24th. More info forthcoming through AAACE Hawaii's social media channels.

AAACE International was founded in 1956. The local section, AAACE Hawaii, was originally established in 1973. Our local area continues to achieve CCP, CEP, CST and PSP certifications. For more information, please visit <http://web.aaace.org/certification> and our local website www.aaacehawaii.com.



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**EVENT CANCELLED: AIA-ACECH-GCA
COMMITTEE'S BLUEPRINTS & BIRDIES
CLASSIC TOURNAMENT**

JOIN US AT THE SEPTEMBER GENERAL MEMBERSHIP MEETING ON 9/30

Mark your calendars for September 30! We will be having our first General Membership Meeting (GMM) of the fall season! Join us from 7:30 am to 10 am for an early breakfast meeting at the Pacific Club Card Room featuring guest speaker, ACEC RT Lydia Zabrycki. Lydia will be presenting on "Building a Workforce for the Long Haul: The Power of Employee-Centered Benefits." Registration now open at <https://acechawaii.org/save-the-date-acech-september-general-membership-meeting/>

EARLY BIRD REGISTRATION FOR THE ACEC FALL CONFERENCE ENDS ON SEPTEMBER 4 – SECURE YOUR TICKETS NOW!

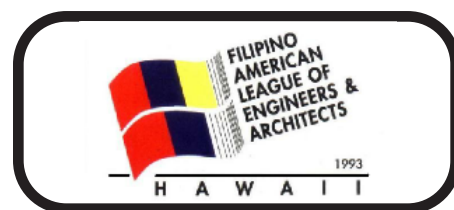
The 2025 ACEC Fall Conference delivers a powerful lineup of general sessions and targeted issue-based discussions designed to address your firm's most pressing business challenges. Connect with peers, engage with industry-leading vendors in the dynamic exhibit hall, and get involved with ACEC Coalitions and committees—all to position your firm and your team for greater success. Registration is now open; secure your seat! <https://conference.acec.org/>

JOB POSTING: ACEC HAWAII EXECUTIVE DIRECTOR

The American Council of Engineering Companies of Hawaii (ACEC Hawaii) is a professional association representing the business interests of engineering firms across the state. ACEC Hawaii is committed to being the leading voice shaping an innovative, equitable, and resilient engineering industry by 2030. The organization focuses on advocacy, education, communication, and business services to support its member firms.

The Executive Director (ED) is the chief executive officer of ACEC Hawaii and is responsible for supporting and driving the strategic direction set by the Board of Directors. Along with the ACEC Hawaii president, the ED serves as the public face of the organization and is expected to represent ACEC Hawaii professionally with members, government agencies, industry partners, and the broader community.

For more information, go to Hawaii Alliance of Nonprofit Organization's [website](http://www.hawaii-alliance.org).



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Fig.3: Front entrance to UH88.

“UNIVERSITY OF HAWAII’S 2.2-METER (88-INCH) MAUNA KEA TELESCOPE, 1970 HONORED GLOBALLY WITH AN IEEE MILESTONE ” CONT’D FROM PAGE 1

--easy access to the peak. Gerard Kuiper, Director of the Lunar and Planetary Laboratory at the University of Arizona, came to Hawaii to investigate the suitability of high-altitude sites for astronomical observatories. He visited the Haleakalā site with his Native Hawaiian assistant, Alike Herring. Kuiper recognized the particular advantage of high-altitude sites as being above a significant amount of the earth’s atmosphere, and in particular almost all of the atmospheric water vapor which strongly absorbs infrared radiation. They found conditions on Haleakalā “excellent”, but subject to clouds and occasional fog. In the distance across the ‘Alenuihāhā Channel they could see the summit of Mauna Kea on the Big Island of Hawai’i at 4,207 meters, and they noticed that it stood above the clouds almost all of the time. At the invitation of Mitsuo Akiyama of the Hawaii Island Chamber of Commerce, Kuiper visited the Big Island in 1964. He traveled to the end of the road at Hale Pohaku, at the 2800 meter elevation where conditions seemed promising, but travel beyond this point was only possible on foot. Kuiper then met with Hawaii Governor John Burns who agreed to fund a bulldozer to cut a dirt road to Pu’u Poli’ahu, a peak next to the summit. By April of 1964, that road was finished and a small concrete slab was poured to make up the foundation for a dome, and there a 12.5 inch reflecting telescope was placed. In June of 1964, Herring began measurements of atmospheric clarity (called “seeing”) and of water content. Herring reported to Kuiper that on a scale of 0 (very poor) to 10 (perfect), many nights rated 9 or 10. As was ultimately obvious to both Herring and Kuiper, the challenges of the location were worth the cost and effort because of the quality of the viewing from the Big Island location. Being above the clouds is significant, but in addition being above the atmosphere in general reduces the impact of the air mass thermal instability on resolving power (how much can be clearly viewed). The air at lower elevations creates a scintillation effect on the images gathered, and this blurs content. Kuiper concluded Mauna Kea was the best site in the world for ground-based astronomy. Due to the site elevation 13,796 feet (4,205 meters), it is above 40% of Earth’s atmosphere and nearly

90% of atmospheric water vapor, which absorbs infrared wavelengths important for planetary surface characterization. Located near the equator, it enables observation of almost all the sky. The University of Hawaii 88-inch telescope was officially dedicated on June 26, 1970. Providing much useful data in support of the Apollo missions to the moon in the 1970s and planetary missions, as well as stellar and galactic observations. In 1992, the discovery of the Kuiper Belt, distant objects beyond Neptune, led to the demotion and declassification of Pluto as a planet. The platform was also used to develop new tools for telescopes that are now industry standard on telescopes around the world including the Mauna Kea Keck Observatory completed in 1992. The 2020 Nobel Prize award acknowledged the prestigious Mauna Kea Keck facility pioneering discovery that our galaxy has at its center a supermassive black hole (Sagittarius A) led by Andrea Ghez of UCLA. Today, it is fully automated with robotic remote control from UH-Hilo shown in Figs. 3 & 4.



Fig.4: Computer controlled electronics.

The UH-Hilo, IFA auditorium is unique in that the walls are covered with 9-posters honoring King David Kalākaua adoption of Technology and Innovation, from his inventions, bringing telephone and electric lights to Iolani Palace to a poster titled “Interest In Astronomy” (see Fig.5). The poster describes one year after becoming King back in 1873, on Dec 15, 1874 King Kalākaua gave an address to Astronomers “It will give me unfeigned satisfaction if my kingdom can add this quota towards the successful accomplishment of the most important astronomical observation of the present century and assist, however humbly, the enlightened nations of the earth in these costly enterprises...” Then on Nov 11, 1880, King Kalākaua wrote a letter to Captain R.S. Floyd requesting a visit to Lick Observatory in San Jose, CA. “Something of the kind is needed here very much, but we have so few people who take interest in scientific matters. Everybody is bent upon making money on sugar and the all mighty dollar”. The UH88 telescope pioneered Mauna Kea clusters of observatories/telescopes being recognized as the Best in the World for ground based astronomical observation fulfilling King Kalākaua’s vision and personal interest in Astronomy, wanting a world class observatory to be located in his kingdom of Hawai’i 145 years ago.

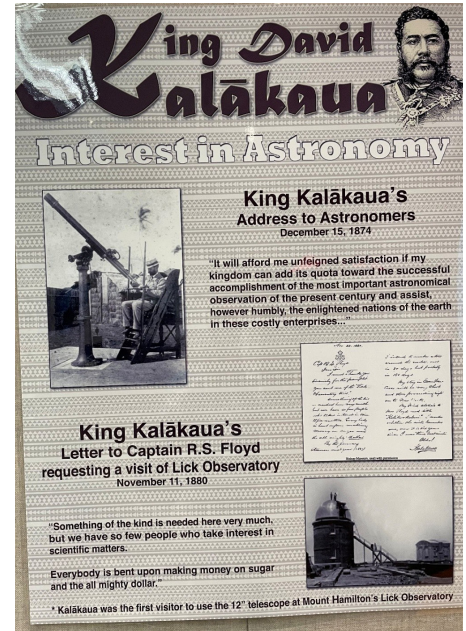


Fig.5: Photo of King David Kalākaua poster on “Interest In Astronomy” in IFA auditorium.



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PAST CHAIR:	ROXANNE BIRCH

UPCOMING EVENTS

IEEE Executive Committee (ExCom) Meeting

- Last meeting: August 6th, 2025
- Next meeting: September 3rd, 2025
- Register here: <https://events.vtools.ieee.org/m/481443>
- For a full list of upcoming events, visit [r6.ieee.org/hawaii/events](https://www.ieee.org/hawaii/events)

Observing the Oceans and Earth: the Role of Subsea Cables

- When: 02 September 2025
- Where: [University of Hawaii at Manoa, POST 414](https://www.universityofhawaii.edu/manoa/post414)
- Why: Come join this talk with Dr. Bruce M. Howe, chair of the Joint Task Force for SMART Subsea Cables to learn more about the SMART Cables Initiative which aims to enhance global ocean and Earth monitoring by integrating environmental sensors into commercial submarine telecom cables.
- Register here: <https://events.vtools.ieee.org/m/496338>

cont'd on page 6

SEMINAR
EMPOWERING COMMUNITIES THROUGH ENERGY EFFICIENCY: DRIVING HAWAII'S CLEAN ENERGY FUTURE

In Hawaii's transition to 100% clean energy, energy efficiency is a foundational strategy for strengthening grid resilience, reducing greenhouse gas emissions, and optimizing demand-side management.

This presentation will outline Hawai'i Energy's role in achieving the state's goals and helping residents and businesses save energy and money through energy efficiency and conservation. Attendees will gain insights into program offerings, key performance metrics, and measurable outcomes that highlight the critical role of energy efficiency in decarbonization. The presentation will also cover community engagement and collaborations that translate technical solutions into equitable, sustainable impacts.






**SEPTEMBER 17, 2025
AT 5:00 PM (HST)**
 244 HOLMES HALL
 UNIVERSITY OF HAWAII AT MANOA

Seminar "Empowering Communities Through Energy Efficiency: Driving Hawai'i's Clean Energy Future"

- When: 17 September 2025, time TBD
- Where: 244 Holmes Hall, University of Hawai'i at Manoa
- Register here: <https://events.vtools.ieee.org/m/497037>

IEEE Hawaii Section PRESENTS

IEEE DAY CELEBRATION

JOIN US FOR A NIGHT OF FUN & NETWORKING!

OCTOBER 7, 5:30 PM @ D&B'S

1450 Ala Moana Blvd, Honolulu, HI 96814

SAVE THE DATE: for IEEE Day Celebration and Networking Event!

- When: 07 October 2025, 5:30 PM
- Where: Dave and Busters, Ala Moana
- Why: Join IEEE Hawaii Section for a night of fun, networking, and community with fellow IEEE members, professionals, and students!

ANNOUNCEMENTS

Call for Nominations: IEEE 2026–2027 Officer Elections

We are excited to announce that IEEE Hawai'i Section is seeking officer elections for the upcoming 2026–2027 term. If you have any questions or are interested in getting involved, please contact our Election Chair, Kenneth Lauritzen, at kenneth.lauritzen@ieee.org

In addition, both the Industry Applications Society (IAS) Chapter and the Women in Engineering (WIE) Affinity Group will also be holding elections for the same officer positions for the 2026–2027 term. For questions regarding IAS or WIE elections, please reach out to Brienne Tengan at brienne.tengan@ieee.org.

**SECTION ELECTION
NOMINATIONS ARE NOW
OPEN!**

Seeking:

- Chair
- Vice Chair
- Secretary
- Treasurer

For the 2026–2027 Term!

Nominees must be an IEEE Hawai'i member as of July 1, 2025

Self nominations are allowed!

**NOMINATIONS MUST BE SUBMITTED BY
SEPT 14, 2025**

Submit your nominations here:



<https://nominations.vtools.ieee.org/>

Questions & for more information: Kenneth Lauritzen, Election Chair
kenneth.lauritzen@ieee.org

IEEE
Hawaii Section

IEEE JOB LISTINGS

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

- Electrical Engineer - Bowers + Kubota
- Electrical and Mechanical Engineer - Adon Renewables

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
- 2025 Annual Computer Security Applications Conference (ACSAC), 8 - 12 December 2025 | Honolulu, Hawaii, USA | Event Format: In-person
- 2026 IEEE/JSAP Symposium on VLSI Technology and Circuits (VLSI Technology and Circuits) 14 - 18 June 2026 | Honolulu, Hawaii, USA | Event Format: Hybrid (In-person and Virtual)

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

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2024-2025 Officers:

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

Earlier this year, the ITE Hawaii Section attended the ITE Western District Conference, held in Long Beach, CA from June 29 to July 2, 2025. The event brought together transportation professionals from across the western states to share technical insights, innovative projects, and best practices for improving mobility. Our section was honored with multiple awards, including the Section/Chapter Momentum Award, and Small Section Activity Award. Mahalo to our members for their hard work, dedication, and contributions that made these recognitions possible.

AUGUST:

Mahalo to those who joined us at our 2025 Technical Solutions Event, PedPalooza held on Aug. 6, 2025. The program covered a range of pedestrian safety and accessibility topics, including the use of Leading Pedestrian Intervals, exclusive pedestrian phasing, and Accessible Pedestrian Signals.

Looking ahead, mark your calendars for our September meeting and our Annual Hawaii Section Meeting in October. Event details will be posted on our website: www.ite-hawaii.org.

UPCOMING EVENTS:

- September 2025: ITE Hawaii Section Meeting
- October 23, 2025: Annual Hawaii Section Meeting

If you would like to be added to our mailing list or are interested in becoming a member, send an email to: ite.hawaii.section@gmail.com.



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

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

ASME HAWAII Section will start planning its activities for the 2025-2026 fiscal year and welcomes any professional that would like to participate in our meetings or volunteer for an event. Please contact us if interested.

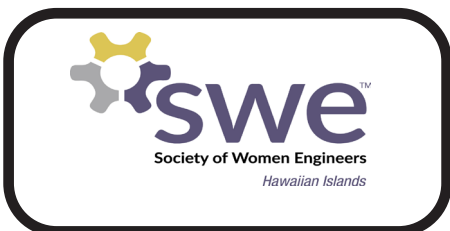


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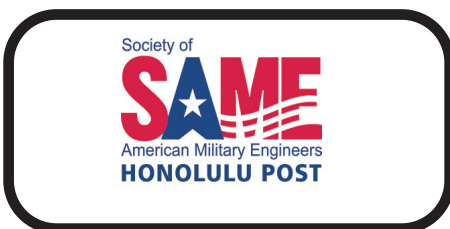
EMAIL: hawaii@swe.org

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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.



P.O. Box 31218, Honolulu, HI 96817

Web page: www.samehonolulu.org

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

2024-2025 YMF Officers

Rebecca Pitts, President
president.ascehawaiiymf@gmail.com
John Kim, Vice President
vicepresident.ascehawaiiymf@gmail.com
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, September 3, 2025, at 6:00PM and Wednesday, October 8, 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 ymf.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 ymfhawaii.jobshadow@gmail.com

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

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

Engineering, Education, and Training (EET) is one of the most popular online PE Exam prep courses for all disciplines. YMF will have a chance to receive a group discount between 5-10% on EET's on-demand and live webinar courses. A minimum of 5 people are required to obtain the minimum discount. Please email ymf808.pecourse@gmail.com if you intend to or have already signed up for the 2025 June-August 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 October 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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(ASCE) Hawaii Section requests the pleasure of your company at the 2025 Hawaii Outstanding Civil Engineering Achievement (OCEA) Awards Banquet on Thursday, September 25, 2025 at The Kahala Hotel and Resort. Please join us in recognizing the outstanding civil engineering accomplishments of Hawaii's design and construction professionals. For more information on nominations and the awards banquet, please visit <https://ascehawaii.org/past-ocea-awards/>

OFFICER ELECTIONS

The ASCE Hawaii will be holding elections for its officers. Hawaii Section members will be able to vote on the following positions: President-Elect, Vice President, Treasurer, Secretary, and YMF President (only YMF members can vote for YMF President).

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.



2024-2025 ASCE Hawaii Section Officers

President: Sheila Uyeoka, P.E.
email: president.ascehawaii@gmail.com
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 Past Pres.: Eric Tomishima, P.E.
email: pastpresident.ascehawaii@gmail.com
 YMF Pres.: Rebecca Pitts, P.E.
email: president.ascehawaiitymf@gmail.com

EXECUTIVE COMMITTEE MEETING

Last held: August 12, 2025

Next meeting: September 4, 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.

OUTSTANDING CIVIL ENGINEERING ACHIEVEMENT (OCEA) AWARDS

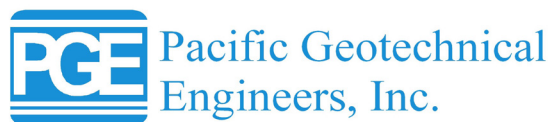
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09

SEPTEMBER

2025

S U N	M O N	T U E	W E D	T H U	F R I	S A T
	1	2 IEEE "Observing the Oceans and Earth: The Role of Subsea Cables" Talk with Dr. Bruce M. Howe	3 ASCE YMF General Meeting IEEE Executive Committee Meeting SEAOH BOD Meeting	4 ASCE Executive Committee Meeting	5 SMPS Hawaii Symposium	6
7	8 SAME Indo-Pacific Regional Summit (9/08- 9/10)	9	10	11	12 SEAOH AISC Seismic Design Manual Seminar	13
14	15	16	17 IEEE Seminar "Empowering Communities Through Energy Efficiency: Driving Hawaii's Clean Energy Future"	18	19	20
21	22	23	24 AACE Lunch Talk Downtown PBX Hawaii 2025 at Hawaii Convention Center	25 ASCE Outstanding Civil Engineering Achievement Awards	26	27
28	29	30 ACECH September General Membership Meeting				

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