

2023 ACECH ENGINEERING EXCELLENCE AWARDS

The 2023 American Council of Engineering Companies of Hawaii (ACECH) Engineering Excellence Awards (EEA) was held on Saturday, February 4, 2023 at the Japanese Cultural Center of Hawaii. A total of eight (8) projects were recognized during this year's program, representing the best of engineering locally.

The EEA is a program that showcases and honors the most outstanding work in the engineering community, recognizing the projects that exemplify the highest degree of merit and ingenuity. For over 40 years, ACECH has sent top winners from our local competition to the ACEC national competition, which is considered to be one of the most prestigious competitions in the world.

The project receiving the top honors this year, the highly coveted Grand Conceptor Award, was The Kapalama Container Terminal Yard Design submitted by R.M. Towill Corporation. The Wastewater Pump Station at Joint Base Pearl Harbor-Hickam submitted by HDR, Inc. and Brigham Young University – Hawaii Science Building submitted by KAI Hawaii, Inc. were each awarded Excellence Awards.

Grand Conceptor Award Winner:

The Kapalama Container Terminal Yard Design

Entering Firm: R.M. Towill Corporation

Client/Owner: State of Hawaii, Department of Transportation (HDOT), Harbors Division

The Kapalama Container Terminal (KCT) Yard project is a win for the state of Hawaii. We depend so much on imported food and goods that planning for the future is crucial. This project satisfies Hawaii's projected shortfall of container yard area for the next 50 years as well as provides for the most efficient port in the State. The complex infrastructure design included aerial and topographic surveying; environmental testing; hazardous materials investigation; earthwork surcharge / subgrade preparation plans; and design of intersection and roadways, parking, ADA improvements, gravity and pressure sewer systems, domestic water system, water quality, low impact development, pre- and post-best management practices, drainage system, lighting, communications, security, various buildings, and landscape. Innovative, sustainable, and cost-effective solutions included high-strength concrete, LED and microgrid systems, new gate technologies, and provisions to implement future efficient processes and systems. KCT is the model for future container yard development in Hawaii.



Completed Kapalama Container Terminal Yard, Phase 1, Honolulu Harbor (photo courtesy of Kiewit)

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2023 HONOLULU CHAPTER MATHCOUNTS COMPETITION RESULTS



Washington Middle School Team, L-R: Evan Ho, Yongwoo Kang, Keene Koide, Daniel York and Coach Sung Park.

The Hawaii Society of Professional Engineers (HSPE) Educational Foundation's 40TH MATHCOUNTS® Honolulu Chapter Competition was held on February 11, 2023, in the Princess Ruth Ke'elikolani Middle School cafeteria and auditorium. Due to COVID-19 this was the first in person Honolulu Chapter Competition since the 2020 competition held at Kamehameha Schools Kapalama. Taking first place in this competition was Washington Middle School with Iolani School in second place, and Punahou School in third place.

MATHCOUNTS is very grateful for having the Ke'elikolani venue, although more effort was required for the set up and clean up than at previous venues. The Sprint, Target and Team Rounds were held in the smaller cafeteria, and the Countdown Round and awards ceremony was held in the larger second floor auditorium. Ke'elikolani was formerly named Central Middle School located in downtown Honolulu. It was built in 1926 and the buildings have lots of character compared to the newer schools. Much of the features appear original including the high ceilings. If it's raining outside students don't have to worry about getting wet since most buildings are interconnected with sheltered walkways.

Following Washington, Iolani and Punahou were in fourth place Highlands Intermediate, and Mililani Middle School fifth place. These five teams move on to compete in the March 25th Hawaii State MATHCOUNTS Competition, location to be determined. The 6th through 10th place teams were Kamehameha Middle School Kapalama, Kapolei Middle School, Moanalua Middle School, Island Pacific Academy, and Wahiawa Middle School, respectively.

Competing in this 40th Honolulu Chapter Competition were 19 Oahu public and private middle/intermediate schools with 177 middle school students trying for a place on the Hawaii team. Each school is allowed up to twelve participating students of which four are designated as the school team.

After several hours of timed math tests, the test sheets scored, and the results tallied, the top ten scoring mathletes from first to tenth were Sola Murakami of Iolani, Evan Ho of Washington, Yongwoo Kang of Washington, Alex Hudson of Iolani, Keene Koide of Washington, Rui Cai of Washington, Haru Greene of Iolani, Daniel York of Washington, Edward Vo of Washington, and Mace Kawamoto of Highlands. They competed in

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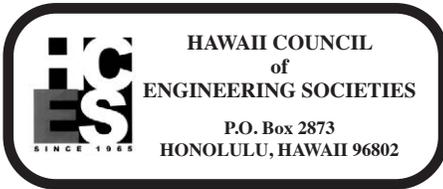
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WILIKI MAILING LIST

Additions and/or corrections to the Wiliki mailing list should indicate the proper society, institution or association. Corrections to email addresses should be submitted to your society coordinator.



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EMAIL: hcesorg@gmail.com

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ITE March 2023

In February, the ITE Hawaii Section Student Chapter hosted a Virtual Resume Workshop at the University of Hawaii at Manoa (UHM) alongside ASCE and IEEE on Thursday, February 16 and Friday, February 17. The Resume Workshop was offered to all engineering students at UHM and helped prepare them for the Career fair that was held during Engineer's Week. Members of ITE Hawaii volunteered by reviewing the students' resumes and provided feedback on their resumes.

The ITE Hawaii Section participated in the HCES Outreach Event during Engineers Week on Monday, February 20 and spoke to attendees on different modes of transportation.

We would like to recognize and congratulate our ITE member Claire Fukuoka Tsuha for being selected as the 2023 Hawaii Society of Professional Engineers (HSPE) Young Engineer of the Year. Claire served as President for the ITE Hawaii Section from 2018 to 2019 and has done so much for our section. Thank you Claire for your hard work for the section. The award is well deserved.

Congratulations to Jonah Loric, Mason Negron, and Ruimin Lin from the ITE UH Student Chapter for competing in the Western District Student Traffic Bowl! They are the first team from Hawaii to compete in this event and did really well!

Save the dates! We are encouraging all of our members as well as friends of ITE to attend this year's ITE Virtual Spring Conference on March 14-15, 2023. The conference will showcase the importance of planners and engineers working collaboratively, and provide real-world examples of their success. The visual conference will offer 10 sessions and 2 plenary sessions on topics of importance to both planners and engineers seeking to improve the quality of life in their communities.

One of the speakers at the conference will be ITE Hawaii Section member Robin Shishido at Hawaii DOT. He will be sharing successes, challenges, and solutions learned from transportation electrification planning efforts across local and state levels, across modes. See <https://www.itespringconference.org/> for more information and to register.

If you would like to be added to the ITE mailing list, please email Michelle Agustín Lindsey at magustin@wilsonokamoto.com.



Website: hawaii.apwa.net

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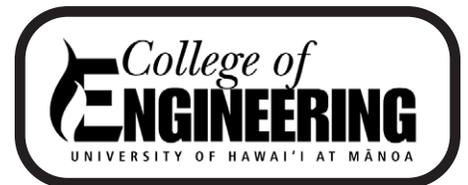
As a member of the Board of the Council of Engineering and Scientific Specialty Boards (CESB), AACE International offers a range of certification levels from technician to professional to expertise level including CCT, CCP, CEP, EVP and PSP Certification Programs.

The local section, AACE Hawaii, was originally established in 1973. It achieved both the Platinum and Gold Award for nine consecutive years 2014-2022. 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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The price for the ads will be based on a 1¹/₄" x 2⁵/₁₆" module size which is 1/24th of the page, and be \$20.00 per month with a 15% DISCOUNT for a 6-MONTH RUN.



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ASME-HAWAII NEXT GENERAL MEMBERSHIP MEETING

Date: March 31, 2023 (via Zoom)

Time: 5:30 pm

Agenda: Prep for Fall Francis R. Montgomery Design Competition, and more to be announced.

All members, students and guests are invited and encouraged to attend our Zoom Conference Call meetings. Please contact us at ASMEHawaii@gmail.com for the link.

FRANCIS RHODES MONTGOMERY DESIGN COMPETITION JUDGES

ASME seeking volunteers to judge the UH Manoa mechanical engineering students design competition that serves as their senior design project. Competition to be held during the first week in May 2023. Please contact us at ASMEHawaii@gmail.com if interested.

REQUEST FOR SPEAKERS

ASME welcomes guest speakers to present any topic during our general meetings. If interested in presenting, please contact ASME.

JANUARY 27, 2023 GENERAL MEMBERSHIP MEETING NOTES

- Thank you items for the Spring Francis R. Montgomery Design Competition judges.
- ASME Hawaii Section created a LinkedIn page at <https://www.linkedin.com/in/asmehawaii-52a903263/>. On this page, ASME is going to post pictures of events and a copy of the Wiliki. Also, ASME has a Facebook page that you can follow at <https://www.facebook.com/ASMEHawaii>.
- 2023 MATHCOUNTS Honolulu Chapter competition scorers and tallies were recruited from ASME UH Manoa Student Section, Hawaiian Electric Company, Army CORPS of Engineers, and HSPE among others by ASME.

CALL FOR VOLUNTEER NOMINATIONS FOR ASME-HAWAII 2023-2024 OFFICERS

ASME Hawaii Section is seeking ASME members who would like to start a new future promoting mechanical engineering as part of the ASME-HI team. The current Group Leadership Team (GLT) is seeking candidates for Section offices for the next ASME fiscal year from July 2023 to June 2024. The GLT includes the Section Chair, Vice-Chair, Treasurer, Secretary, and three Member at large. It has been a tradition where an interested ASME member starts as a member and climbs his or her way to Chairperson with the assistance of fellow officers. Since the list of confirmed GLT

members (officers) must be sent to ASME by June 30 each year, the deadline this year for volunteer nominations submittals is March 31, 2023.

Please send nominations or inquiries to us at ASMEHawaii@gmail.com. The GLT positions and major duties can be found at <https://www.asme.org/getmedia/359f8298-63b7-4e6a-be89-77e6395f212a/professional-section-playbook.pdf>.



ASME Hawaii Section volunteers at MATHCOUNTS



ASME UH Manoa Student Section volunteers at MATHCOUNTS



HAWAII CHAPTER OFFICERS

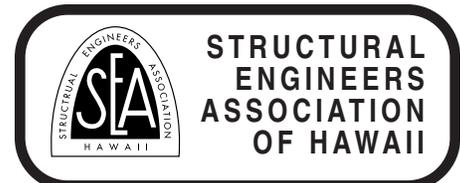
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Previous BOD Meeting

February 8, 2023

Upcoming Events

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

- ASCE-SEAHO Joint Dinner Meeting – March 16, 2023, venue TBD. Presentation on SE2050 by Eric Borchers and Colin Sakamoto.

2023 SEAHO Convention

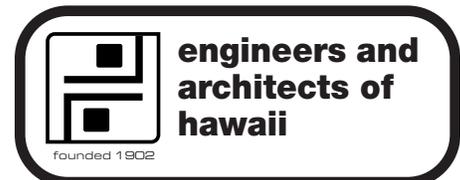
SEAHO is partnering with the Structural Engineers Association of California (SEAC) to host a joint convention on Maui scheduled for September 6 – 9, 2023 at the Hyatt Regency Maui Resort in Ka'anapali. Be on the lookout for save the date flyers and other information regarding room reservations. Any questions, please contact Craig Meierhoffer cmeierhoffer@baseengr.com.

Membership

The following membership applications have been approved:

- Daniel Lee, County of Hawaii, Dept. of Public Works, MEMBER
- Jeremy Markowski, KAI Hawaii, Associate Member

Next Meeting on Wednesday, March 1, 2023. For information, contact SEAHO President Mike Greer at mgreer@wje.com.



PO. Box 1901, Honolulu, HI 96805-1901
An association for Hawaii's Engineers and Architects

WEB address: www.eahawaii.org

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2023 ACECH Awards, from Page 1

Excellence Award Winner:

The Wastewater Pump Station at Joint Base Pearl Harbor-Hickam

Entering Firm: HDR, Inc.

Client/Owner: NAVFAC Hawaii

The SY-001 Wastewater Pump Station (WWPS) at Joint Base Pearl Harbor-Hickam is the Navy’s most critical WWPS in Hawaii and among the largest in Hawaii. The original WWPS, constructed in 1971, experienced accelerated deterioration due to harsh environmental operating conditions. With strong collaboration between the Navy, consultants and contractor, a completely new WWPS was constructed at a cost of \$67 million in 2.3 years with no major delays or cost increases.

Project overcame difficult challenges such as severe site space constraints, need to maintain full service during construction, deep underground construction below the water table, extensive contaminated soils, and challenging pump operating conditions. The WWPS employs clog-resisting pumps with special “first-of-the kind” rapid pump access features to quickly clear pump clogging, now a significant world-wide problem due increased use of “flushable” wipes. Project benefits include significantly reduced risk of major sewage spills into the historic waters of Pearl Harbor.

Excellence Award Winner:

Brigham Young University – Hawaii Science Building

Entering Firm: KAI Hawaii, Inc.

Client/Owner: Brigham Young University - Hawaii

BYU-Hawaii recently embarked on a multi-year expansion to increase their student body and educational opportunities for the students of Hawaii and the Asia-Pacific Rim. An integral part of this expansion is the new three-story, 42,000 SF science facility, featuring modern labs, classrooms, collaboration space, and faculty offices.

As the Structural Engineering sub-consultant for the new Science Building design, KAI Hawaii was challenged to build a state-of-the-art

Science building that was located on poor soils and within a tight budget. Instead of using costly deep foundations to decrease potential differential ground settlement, KAI Hawaii utilized performance-based design to ensure the structure performed as intended at different earthquake levels, thus providing a safe design without the extra expense of deep foundations. Looking beyond the prescriptive Building Code and looking at a performance-based approach, engineers can help provide a financially viable, high-quality building and ensure the life safety of the users.

Honor Award Winner:

806 Iwilei Affordable Housing and Resource Center

Entering Firm: G70

Client/Owner: City & County of Honolulu- Department of Land Management

This project provides transitional housing for very low-income households under the Governor’s State of Emergency Proclamation decree. In addition to addressing Houselessness in Hawaii, this project demonstrates that green stormwater infrastructure (GSI) can be implemented in built-up urban areas. The project site previously consisted of only buildings and pavement with onsite soil conditions that prevent stormwater runoff from percolating into the ground and recharging the aquifer. Under these conditions, use of GSI was infeasible. However, taking into consideration the City’s desire for sustainable infrastructure, the design team looked for an innovative solution to implement GSI within the project site. To accomplish this, the design team created a new engineering soil media that significantly reduces the footprint of biofilters while meeting water quality requirements and high soil permeability. The project features the City’s first at-grade biofilter and above-grade biofilter planters and successfully demonstrates that GSI can be implemented in urban developments.

Honor Award Winner:

Awa Street Wastewater Pump Station Force Main and Sewer Improvements

Entering Firm: Okahara and Associates, Inc.

Client/Owner: City and County of Honolulu, Department of Environmental Services

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SY-001 Wastewater Pump Station



806 Iwilei Affordable Housing and Resource Center completed construction



Completed Laboratory Classroom



Awa Street Manhole construction

2023 ACECH Awards, from Page 4

Adequate sewer systems and wastewater management plays a vital role in sanitation and prevention of disease for the people and communities of Hawaii. The City and County of

Honolulu (City) was mandated by the United States Government through the 2010 Global Consent Decree (GCD) to eliminate all sanitary sewer overflows. Deficiencies in the Awa Street Wastewater Pump Station (WWPS) and Force Main (FM) was among the many projects listed in the GCD. Innovative thinking during the planning process eliminated the need to upgrade Awa Street Pump Station and eliminated 55,820-feet of sewer line work by constructing a trunk sewer in Waiakamilo Road to divert sewer away from the Awa Street WWPS. The trunk sewer varied in size from 42-inches to 54-inches in diameter. Installation was done by digging 20-footwide square shafts, 20-ft deep and driving the sewer pipe through ground, a technique called microtunneling.

Honor Award Winner:

Climate Change Vulnerability Assessment And Resilience Plan

Entering Firm: Carollo Engineers, Inc.

Client/Owner: City and County of Honolulu, Department of Environmental Services

Carollo completed the Climate Change Vulnerability Assessment and Resilience Plan for the Sand Island Sewer Basin (SISB). The purpose was to perform a vulnerability assessment of the wastewater facilities, accounting for flooding threats and climate change impacts, including coastal erosion,

tsunamis, hurricane storm surge, and 100-year flood events.

The City owns and operates the largest wastewater system in the State of Hawaii. The largest sewer basin within the system is the SISB which stretches from Kuliouou to Aliamanu. Being an island state, Hawaii is arguably one of the most vulnerable states to the impacts of climate change. Also, Honolulu includes critical services that are significant economic drivers for Hawaii such that protecting critical wastewater infrastructure is essential.

The City will leverage the findings of this assessment to plan and prepare for climate change impacts, and the evaluation methods can be applied to other City agencies to prepare for climate change.

Honor Award Winner:

Combined Support Maintenance Shop (CSMS)

Entering Firm: Burns & McDonnell Engineering Company, Inc.

Client/Owner: Hawaii Army National Guard

The CSMS design provides a modern, functional facility that meets the HIARNG's needs today, while providing flexibility that is easily adaptable for future needs. The project improves the effectiveness and readiness of the supporting HIARNG units who serve the Big Island and the state of Hawaii, while also reducing energy use through renewable resources.

Honor Award Winner:

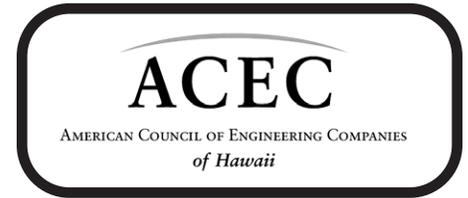
Hawaii Army National Guard Army Aviation Support Facility (AASF) Kalaeloa Improvements

Entering Firm: Okahara and Associates, Inc.

Client/Owner: State of Hawaii, Department of Defense

The Hawaii Army National Guard (HIARNG) provides trained, equipped and ready forces capable of mobilizing in support of both Federal and State Missions. The Kalaeloa Army Aviation Support Facility (AASF) Building 30 at Kalaeloa, Kapolei, Hawaii supports the HIARNG Aviation CH-47 (Chinook) helicopter units at Kalaeloa. This project provided a work rack including

four wash stations. Two wash stations were designed for heavy ground vehicle washing and two wash stations were designed for Chinook helicopters. Including wash stations for both ground and air vehicles added to the project's complexity. The Chinook helicopter wash stations are located within the Air Operations Area (AOA). The AOA is secure and access restricted. Therefore, the rack was designed to separate the two vehicle types and maintain a secure AOA. This new facility will support HIARNG to successfully carryout their mission.



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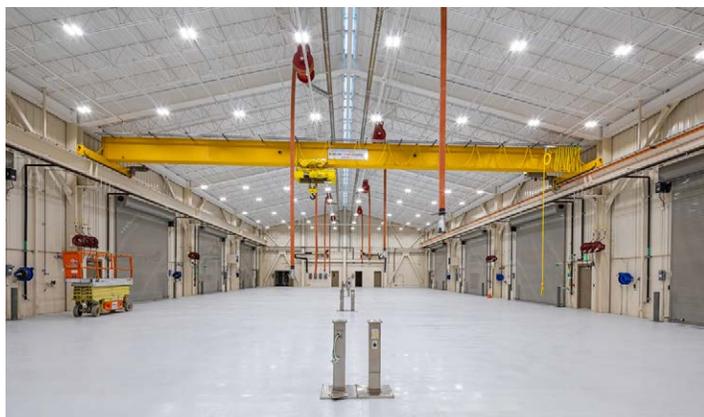
SAVE THE DATE – ACECH SYMPOSIUM ON MAY 16

ACECH is pleased to announce the return of the Joint State-City-Counties Symposium on May 16, 2023. The event will be held at the Japanese Cultural Center of Hawaii and will include a full agenda of workshop sessions designed to equip our engineering community with knowledge and information necessary to successfully partner with State, City and County agencies today and into the future.

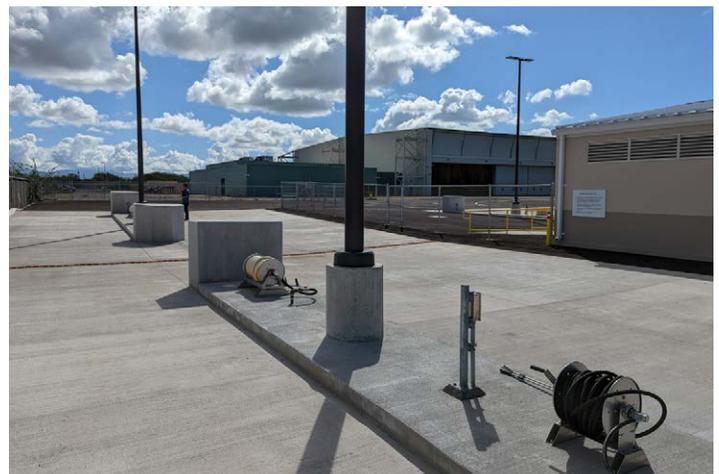
More details on the symposium will be forthcoming. For the latest updates, please visit acechawaii.org.



Sea level rise impacts to high tide in the Waikiki and Ala Moana areas of Oahu



The new CSMS provides a safer and more productive work environment



Finish Wash Station



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EXECUTIVE COMMITTEE MEETING

Last held: January 31, 2023

Next meeting: March 7, 2023

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.
Cost: (RSVP via Eventbrite)

ASCE's COVID-19 RESOURCES PAGE

<https://collaborate.asce.org/covid-19/home>

Reminder that ASCE has launched a COVID-19 resources page with online tools and tips in one convenient place. The page includes links to free programs, training, and resources, the results of COVID-19 industry impact surveys, and relevant online discussions with fellow members. The page also offers several ways to work more effectively while at home and activities to take advantage of in the down time you may have – even fun things to do with the keiki! And don't forget that all members have 10 free PDHs! Now may be a good time to catch up on some of those technical on-demand webinars.

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 Reyn Hashiro, rhashiro@ascehawaii.org.

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 sdoo@ascehawaii.org.

ASCE GOLF TOURNAMENT

Save the date for this year's tournament, currently planned to be on Friday, August 4, 2023.

ASCE JOB LISTINGS

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

- **Bowers & Kubota** (Civil Designer I, Civil Designer II, Civil Designer III, Civil Engineer)

For further information, please visit

<http://www.ascehawaii.org/job-listings.html>



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YMF General Meeting

The next YMF general meetings will be in-person on Wednesday, April 5, 2023, at 6:00 PM, and Wednesday, May 3, 2023, at 6:00 PM. 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.

HCES Young Engineer of the Year

ASCE Hawaii Section YMF congratulates our very own Claire Fukuoka Tsuha as she has been awarded this year's HCES Young Engineer of the Year! Claire is currently serving as YMF Past-President and has been an integral part of our Hawaii Section YMF for a number of years, serving on the executive board and as committee chair. Thank you Claire for all of your contributions to both the engineering community and our YMF!



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.

2023 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 and purchase study materials can be found on the YMF website: <https://ascehawaiiyfm.org/pe-exam-information>

Online PE Refresher Course

The Hawaii YMF has partnered with Pathceed, an online PE Exam refresher course that covers the breadth portion of the civil engineering exam. This course features 12-hours of on-demand course materials that may be accessed for a 6-month period and a one-time free access should you not pass the exam. Curious, but want a sample of the course? You can check out a free 1-hour lesson before committing to the program! The course cost is \$289, and we offer ASCE Hawaii YMF members a \$40 discount when registering. If you are interested in signing up for this course, please contact us at ymf808.pecourse@gmail.com for more information.

eaH March 2023 Wiliki Meeting Notice: eaH meetings are held in Room 301 of the Topa Building Fort Street Tower and on Zoom - Noon to 1PM

Friday March 3rd

Speaker: Paul Fox – Fire Training Hickam AFB (Ret) Fire Photographer

Topic: "Fire – Up the Outside of Buildings"

Once again EAH is lucky to have Paul Fox speak to us. He will talk to us about fire climbing the outside of buildings. While this has not been a major problem in the US (but there have been cases), many high-rise fires around the world have fallen victim to flames traveling up the outside the building. While some have been the traditional flames lapping up floor to floor and entering via the windows. Many have literally burned up "the outside of the building", all the way to the top! Some have involved the entire building, while others were confined just to the outside of the building. This presentation will highlight the various fires, why they occurred, how they burned, and the firefighting efforts involved with them. The Grenfell Tower incident in London, England will be highlighted.

This meeting will be at the Hoakalei Country Club Eva Beach. Contact eaH for details.

Friday March 17th

Program: TBA

Contact eaHawaii@gmail.com for Zoom links and meeting details

2023 Mathcounts Competition, from Page 1

lightning-fast Countdown Round pitting the top 10 individual scorers against each other in pairs for single-elimination competition. The pairing starts with the lowest scores. The Countdown Round focuses on speed and accuracy, which amazes the spectators. The Countdown Round did not take long since the competitors answered most of the questions with speed and accuracy. Students have a maximum of 45 seconds per problem without a calculator. In the end, Keene Koide defeated fellow team member Yongwoo Kang for first place and became the star of the competition. The Countdown Round is a required event at the State Competition to determine which four mathletes go to the Nationals.

Hawaii MATHCOUNTS is organized and coordinated by HSPE with competition assistance from Hawaii educators and engineers. HSPE Honolulu Chapter and State MATHCOUNTS Coordinator is Nhut Pham of Bowers & Kubota, and assisted by Barry Nakamoto, Retired Hawaiian Electric. HEI Charitable Foundation is again a major sponsor of the 2023 MATHCOUNTS Oahu Chapter and State Competitions.

As with more recent competitions over 100 volunteers were needed for scoring, tallying, proctoring, scoring judges, and for the refreshments crew. The volunteers came from Hawaiian Electric Company, U.S. Army Corps of Engineers (USACE), Bowers & Kubota, ASME Senior and Student Sections, and the Department of Education. Thanks to Robyn U. Au, District Council, Honolulu District for recruiting USACE volunteers, and Derek Sato, ASME Hawaii Section Chairman, for recruiting ASME volunteers.

Helping with the awards presentation were Tristan Suetsugu, Chief of Contracting, US Army Corps of Engineers; Patricia Ishihara, State Mathematics Educational Specialist, Department of Education; Sara Doi, President-Elect, Hawaii Society of Professional Engineers; and Barry Nakamoto, President, Hawaii Society of Professional Engineers Educational Foundation. The Master of Ceremonies was again, Lou Muzzarini, retired USACE, who doubles as the competition moderator. Jean Okumura assisted Muzzarini with awards presentation announcing the difficult to pronounce award recipient names.



Award Presenters, L-R: Tristan Suetsugu, Patricia Ishihara, Sara Doi and Barry Nakamoto

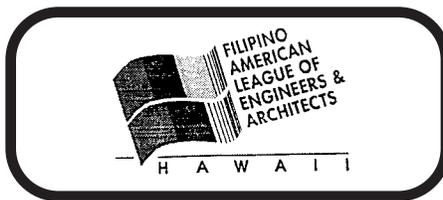
Hawaii MATHCOUNTS thanks the Princess Ruth Ke'elikolani Middle School for holding this Honolulu Chapter Competition. The State Competition on March 25 will have the five Oahu schools plus 35 individuals competing with Mathletes from the two outer islands to determine the Hawaii team competing in the 2023 Raytheon MATHCOUNTS National Competition on May 13-16, 2023, in Florida.



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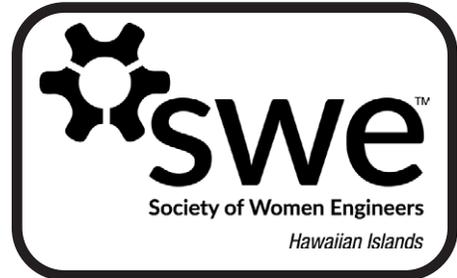


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Deadline for Wiliki is March 15th



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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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