

## 2020 ACECH Engineering Excellence Awards

The 2020 American Council of Engineering Companies of Hawai'i (ACECH) Engineering Excellence Awards (EEA) culminated in a banquet held on Saturday, January 25, 2020 at the Ko'olau Ballroom in Kaneohe. This year's event had a total of 10 entrants and was one of the most well-attended EEA Banquets in recent history, with over 180 people in attendance.

The program aims to recognize outstanding engineering projects that demonstrate elements of innovation and ingenuity while making positive impacts to the community. Top winners from Hawai'i can also enter the ACEC National Competition, one of the most prestigious design competitions in the world.

This year, the top project receiving the highly coveted Grand Conceptor Award was earned by the Umauma Stream Bridge, Hawaii Belt Road, Hakalau, Hawaii. The project was submitted by KSF, Inc. RM Towill Corporation's Interstate Route H-1 Shoulder Work and PCC Pavement Rehabilitation, Austin, Tsutsumi & Associates, Inc.'s Iao Surface Water Treatment Plant Upgrades, KAI Hawaii's Espacio "The Jewel of Waikiki" Kowa Waikiki Beachside Hotel Renovation, and Sam O. Hirota's Engineering for the Future projects were each awarded Excellence Awards.



**Grand Conceptor Award Winner: Umauma Stream Bridge, Hawaii Belt Road, Hakalau, Hawaii**

**Entering Firm:** KSF, Inc.

**Client/Owner:** State of Hawaii Department of Transportation

**Other Consultants & Contractors Involved:** Hawaiian Dredging Construction Company, Inc., WSP USA Inc., Geolabs, Inc.

The aged Umauma Stream Bridge, part of the Hawai'i Belt Road on the Hāmākua Coast, Big Island, was classified as structurally deficient with insufficient roadway width. Despite the

challenging environment at this 100-foot high bridge, the KSF, Inc. and Hawaiian Dredging Construction Co. team provided the Hawaii Department of Transportation with a new, cost-effective, durable, aesthetically pleasing, and low maintenance bridge. Incorporating advanced materials and components in the design also allowed for

the preservation of the important historic features of the steel trestle bridge. Innovative elements included Triple Pendulum Isolators to reduce seismic forces, negative batter Mechanically Stabilized Earth to remove lateral loading on the existing abutment, precast deck panels and Ultra-High Performance Concrete to accelerate construction, and two-way post-tensioning to minimize the possibility of cracking of the concrete deck. The bridge was also designed with no expansion joints in the deck to decrease future maintenance and increase longevity.

*continued on page 3*

## 2020 OAHU CHAPTER MATHCOUNTS COMPETITION RESULTS



**First place Washington team, L-R: Coaches Sung Park and Daniel Ninomiya, Hyun Seo, Sangyuk Lee, Keisuke Kwong, and Arthur Chesshir**

Hawaii Society of Professional Engineers (HSPE) Educational Foundation's 37TH MATHCOUNTS® Oahu Chapter Competition was held on February 8, 2020 in the Kamehameha Schools Kalama Dining Hall, and with no surprises, taking first place was Washington Middle School. Speaking with Washington Coach Sung Park during the competition he mentioned this would be Washington's tenth consecutive first place in MATHCOUNTS Oahu Chapter Competition. This dominance began in 2011. Park proudly

said that no other school has accomplished this feat. In second place was Iolani followed by Kamehameha Middle School Kapalama in third, Punahou fourth, Highlands Intermediate fifth, and Mililani Middle in sixth. These six teams move on to compete in the March 14th Hawaii State MATHCOUNTS Competition also in the Kalama Dining Hall. The 7th through 10th place teams were Niu Valley Middle School, King Intermediate, Laie Elementary and Kaimuki Christian, respectively.

Competing in this 37th Oahu Chapter Competition were 25 Oahu public and private middle/intermediate schools with about 240 middle school students hoping to do well to compete in the State. Each school is allowed up to ten participating students of which four are designated as the school team. Note that Laie is an elementary school which means 6th

graders placed 9th among the 24 middle schools competing.

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 Sangyuk Lee of Washington, Hyun Seo of Washington, Arthur Chesshir of Washington, Keisuke Kwong of Washington, Brandon Yoshioka of Highlands, Derek Mei of Washington, Iris Xu of Punahou, Michael Roberts of Mililani, James Be of Iolani and Justin Lu of Iolani. They competed in the exhibition, 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 always amazes the spectators. Students have a maximum of 45 seconds per problem without a calculator. In the end, Keisuke Kwong defeated Arthur Chesshir 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.

*continued on page 7*



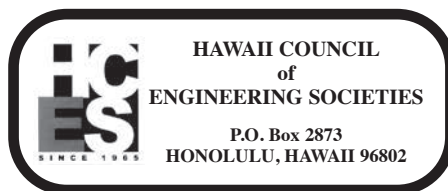
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Additions and/or corrections to the Wiliki mailing list should indicate the proper society, institution or association. Corrections to email addresses should be submitted to your society coordinator.



HOME PAGE: [hceshawaii.org](http://hceshawaii.org)  
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Ross Sasamura (left), Director of the City and County of Honolulu Department of Facilities and Maintenance, met with this year's Engineers Week awardees: Sam Dannaway, Rika Okino, Carly Ann Kaneko, and Ken Kawahara, for the signing of the Mayor's Proclamation of Engineers Week in Honolulu.



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

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#### Two Hawaii Society Members Named FEYA Finalists

Each year, NSPE's Federal Engineer of the Year Award honors engineers employed at US agencies. The top 10 finalists exemplify the best and brightest federal engineering talent. In 2020, two of those finalists were members of the Hawaii Society of Professional Engineers. Congratulations to Tony Lau, P.E., and LTC L. Reyn Mann, P.E.!

#### Tony Lau, P.E.

US Department of the Navy  
Naval Facilities Engineering Command (Hawaii)

Nearly 30 years of civil engineering prowess has helped Tony Lau establish his trademark for design and management of Navy and Marine Corps facilities worldwide. His projects have enabled warfighter lethality, thereby maximizing shore readiness and strengthening NAVFAC's system command team in challenging locations, including Hawaii, Guam, Japan, Singapore, and Diego Garcia. At NAVFAC Hawaii, he manages capital improvements and coordinates civil technical design. Prepared for the unpredictable, Mr. Lau guided two critical projects: a 42-inch emergency water line repair and a deep-water well emergency repair. Both projects restored the primary water source,

critical to base operations and military families, and prevented permanent damages to the Navy's aquifers and waterline systems. Through his leadership, Mr. Lau also has implemented unique outside-the-box management techniques, keeping staff motivated to meet mission requirements. Mr. Lau was awarded the Engineer of the Year by Hawaii Society of Professional Engineers in 2017.

#### LTC L. Reyn Mann, P.E.

US Department of the Army  
US Army Pacific/130th Engineer Brigade

With a career spanning two decades of tactical and strategic Army experience, Lt. Mann has commanded engineers at the platoon, company, and battalion levels to support Special Operations Forces in Iraq, the Philippines, Europe, and Africa. Her current role is commander of the 84th Engineer Battalion in Hawaii, which provides construction and combat engineering operations throughout the Indo-Pacific region. To her credit, she has facilitated more than 20 full or partial designs, 15 surveys, 10 horizontal construction projects, and 15 vertical construction projects. Lt. Mann also routinely trains, deploys, and supervises engineers supporting security cooperation exercises in more than 15 countries. As another benchmark achievement, she formerly participated in a Directorate for Nuclear, Homeland Defense, and Current Operations, targeting mission assurance and energy resilience—fusing engineering strategy and policy for the highest levels of government.

NSPE honored the top 10 finalists and all FEYA agency winners at its ceremony in Washington, DC, on February 14. Timothy Sullivan, Ph.D., P.E., of the US Department of the Air Force, Air Force Civil Engineer Center, was named NSPE's 2020 Federal Engineer of the Year Award winner.



Ross Sasamura (left), Director of the City and County of Honolulu Department of Facilities and Maintenance, met with representatives of the Hawaii Council of Engineering Societies for the signing of the Mayor's Proclamation of Engineers Week in Honolulu.



## 2020 ACECH Awards, from Page 1

### **Excellence Award Winner: Interstate H-1 Shoulder Work and PCC Rehabilitation**

**Entering Firm:** R.M. Towill Corporation

**Client/Owner:** State of Hawaii Department of Transportation

On the State's busiest section of freeway, the H-1 from Aiea to Waimalu Viaduct, both east-bound and west-bound directions were in very poor condition. The freeway was repeatedly patched with asphalt, but in need of a more permanent fix. How could the freeway be repaired without negatively impacting the over 230,000 vehicles that traverse that section daily? Repaving the freeway would require prolonged lane closures that would be catastrophic to traffic.

The R. M. Towill Corporation / Kiewit Infrastructure West team was carefully selected by State Department of Transportation and Federal Highway Administration to solve this problem. Under a very tight deadline and extremely complex requirements, the team leveraged several innovative technologies including: 3-D paving techniques; Ground Penetrating Radar; Pre-cast concrete panels that eliminated long concrete drying times; and Mechanically Stabilized Earth walls. The team worked closely together to design and construct improvements 3 months ahead of schedule!



**Excellence Award, Post Construction Photo of the Completed Interstate H-1 Shoulder Work and PCC Rehabilitation**

### **Excellence Award Winner: Iao Surface Water Treatment Plant**

**Entering Firm:** Austin, Tsutsumi & Associates, Inc.

**Client/Owner:** County of Maui, Department of Water Supply

The new Iao Water Treatment Plant (WTP) uses state of the art membrane filtration units to treat surface water from the Iao-Waikapu Ditch to produce potable drinking water that meets all state and federal requirements for safe drinking water. The WTP can produce an average day flow of 3.2 million gallons per day to supplement the County of Maui Department of Water



**Excellence Award, Membrane Filtration Units with Control Panels in the Completed Iao WTP**

Supply's (DWS's) Central Maui system that provides drinking water to residences and businesses in Wailuku-Kahului area. The WTP is unique in that the entire flow of water from the Iao-Waikapu Ditch to DWS's Central Maui Water System is by gravity. Another feature is the on-site chlorine generation system that generates sodium hypochlorite from salt, which was the first installation by DWS. The custom-built SCADA system for the WTP enables the operators to view and operate the system anywhere, as long as they have access to a secure network.

### **Excellence Award Winner: Espacio "The Jewel of Waikiki" – Kowa Waikiki Beachside Hotel Renovation**

**Entering Firm:** KAI Hawaii, Inc.

**Client/Owner:** Kowa Waikiki LLC/Kowa Company, Ltd.

The Espacio Hotel was a complex, environmentally sustainable reuse of an existing building that transformed an existing 12-story 80-unit hotel into an ultra-luxury hotel and spa with 9 single floor suites. The Espacio reduced environmental impacts, supplies the demand for larger luxury accommodations to visitors, contributes to our local economy through higher generated tax revenues and employment, and enhances the overall appearance of Waikiki.

The building reuse and renovation required gutting the original 1966 building to its shell, removing the existing elevator core and retrofitting a new concrete core to bring the lateral seismic system up to code. This proved to be the biggest structural challenge; all without the original record drawings. Careful planning, creative solutions, and team effort of the engineer, architect, contractor, and owner; the project team overcame the complexity of the project which included numerous unforeseen conditions encountered during the intricate renovation while successfully fulfilling the owner's vision.



**Excellence Award, the Completed Espacio at Night**

### **Excellence Award Winner: Engineering for the Future**

**Entering Firm:** Sam O. Hirota, Inc.

**Client/Owner:** Punahou School

In 2013, Punahou School reimagined the school's 2-5 grade school with the new Kosasa Community. The Community is a collaborative effort between the school, architects Design Partners Inc., landscape designers PBR Hawai'i, and civil engineers Sam O. Hirota, Inc. to provide an outdoor environment that reflects Punahou's desire to integrate the practical application of natural resource conservation and sustainability with the school's overall inquiry-based educational mission. Specifically, to support its third-grade Hawaiian studies curriculum with a self-sustaining environment filled with native plants. Built to achieve LEED Gold or above standards, the school hopes its efforts result in a generation that cares about its natural and educational environment.



**Excellence Award, the Completed Kosasa Community**

### **Honor Award Winner: Lahaina Bypass, Phase 1B-2**

**Entering Firm:** Wilson Okamoto Corporation

**Client/Owner:** State of Hawaii Department of Transportation

Lahaina Bypass Phase 1B-2 is the third phase of the overall Lahaina Bypass. The Bypass will serve as a major transportation access road in the West Maui region providing an inland alternative to a heavily utilized portion of Honoapiilani Highway. Ultimately, the Bypass will be a four lane divided highway with two travel lanes and shoulders in both directions. For Phase 1B-2, one travel lane with a shoulder were constructed in both directions, extending the Bypass approximately 2.7 miles.

A unique feature is the Geosynthetic Reinforced Soil Integrated concrete bridge spanning over Punakea Loop Road. This structure sets a national record for abutment height and width between wingwalls. At the highest point it is approximately 28 feet from the top of the road to the bottom of the bridge and approximately 126 feet wide between the face of the wingwall to the adjacent wingwall. The project was constructed from February 2017 to April 2018 for approximately \$38.6 million.



**Honor Award, Completed Lahaina Bypass Phase 1B-2 at Hokiokio Place intersection (facing south).**

*continued on page 4*



## 2020 ACECH Awards, from Page 3

### Honor Award Winner: Kewalo Basin Harbor Improvements

**Entering Firm:** Coffman Engineers

**Client/Owner:** Kewalo Harbor Development Company/ Howard Hughes Corporation

Coffman Engineers, Inc.'s engineering services significantly transformed this historic and deteriorated harbor into a safe, secure, and modern facility. The project team helped elevate the harbor's public image and functionality through this project that upgraded facility aesthetics, improved safety and security systems, and provided amenities like security gates, Wi-Fi, and CCTV. The project team designed improvements to the existing slips and the 45 new harbor slips.

The project met the client's strict budgetary requirements, and saved money by re-using existing components where possible. Coffman's designs also helped provide the client with the potential for increased revenue through the added amenities and the 45 new slips.

The Coffman team delivered the project while conquering the complexities of the various project elements. Through carefully coordinated phasing, our team adhered to the client's schedule, while minimizing the project's impact on the marine environment, the existing tenants and the harbor's ongoing operations.



**Honor Award, Installation of  
Precast/Prestress Concrete Slab Sections  
in Progress**

### Honor Award Winner: Consolidated Car Rental (ConRAC) Facility, OGG

**Entering Firm:** Bowers + Kubota

**Client/Owner:** State of Hawaii Department of Transportation

Kahului Airport's roadway system is a one-way street, requiring all traffic to pass through the Airport terminal's frontal road, creating a congestion nightmare, particularly during peak travel hours. A consolidated rental car facility was constructed to provide a centralized, on-Airport facility, situated prior to the terminal building. An electric tram replaced petroleum-powered bus fleets, transporting passengers to and from the facility. The ConRAC's location and tram greatly reduces Airport traffic. Due to structural design inefficiencies, the construction manager and contractor worked together to hire a separate structural engineering firm that later submitted a value engineering design change to resolve the issues. This resulted in a net shared savings of over \$3.4 million, assisting the project to come in on time and on budget.

DOT-A's vision for Kahului Airport and the ConRAC facility recreates the historic Maui plantation feel, while still utilizing state of the

art sustainable practices and conveniences. The new LEED Silver certified consolidated rental car facility accomplishes just that!



**Honor Award, ConRAC Aerial with Water  
Feature**

### Honor Award Winner: Ke Kilohana, Ward Village

**Entering Firm:** Wilson Okamoto Corporation

**Client/Owner:** Howard Hughes Corporation

Ke Kilohana is one of several towers constructed as part of the Howard Hughes Corporation's 60-acre Ward Village redevelopment. Ke Kilohana is a 43-story high-rise condominium offering much needed affordable units for the community. The residential tower also includes ground floor commercial/retail space, anchored by Longs Drugs. Wilson Okamoto Corporation (WOC) was the civil engineer. WOC's scope of services included design of site layout, grading, roadway modifications, driveways, sidewalks, sewer system, storm drainage and storm water quality system, and domestic and fire protection water service. Sewer design included construction of a 24-inch sewerline in Ward Avenue, from Auahi Street to Ilaniwai Street. This sewerline will accommodate sewer demand for other developments in the Ward/Kakaako area.

Ke Kilohana is a welcome residential development that meets affordable housing needs for the community, as well as re-energizing this part of Ward Avenue. The project was constructed from November 2016 to March 2019 and for approximately \$219 million.



**Honor Award, Ke Kilohana Under  
Construction**

### Honor Award Winner: Kaiser Permanente (KP) Moanalua Medical Center Water Tanks

**Entering Firm:** Coffman Engineers

**Client/Owner:** Kaiser Permanente

Coffman Engineers, Inc.'s design of a reliable, clean domestic water supply was critical to Kaiser Permanente Moanalua Medical Center's future operations and patient care and should a prolonged city water service interruption occur. The designed system provides an emergency water supply of 75,000 gallons to sustain 5.2 days of operations for domestic use. Coffman's mechanical and electrical engineering team designed a dependable,

pressurized system that saves the client energy costs and reduces maintenance costs. The project team delivered the fully redundant system that enables the hospital to meet the water supply standards of an emergency hospital and designed the system to adapt to fit a significantly tight project site. The Coffman team met the client's budget and adhered to the project's schedule. Coffman met the challenges posed in design and construction without interruption in water service or to hospital operations.



**Honor Award, A view showing the  
proximity of the steep hillside beside the  
site, and the camouflage of the  
surrounding vegetation.**

Congratulations to all of this year's award recipients, all projects were commendable and exemplary examples of engineering. Mahalo to this year's sponsors, the event would not be possible without their support and generosity.



### Hawaii Section 2019-2020 OFFICERS

[www.aacehawaii.com](http://www.aacehawaii.com)

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AACE Hawaii Section is pleased to announce an upcoming seminar, by Christian Heller, the Director of Technical Guidance at AACE International Headquarters, and Penny Whoolery, the Manager, Certification & Membership at AACE International Headquarters. An overview of the AACE's eight certifications will be examined, outlining eligibility requirements and examination objectives. Please RSVP at [aacehawaii@hawaii.com](mailto:aacehawaii@hawaii.com).

Our local Board Meetings are held monthly. Feel free to contact us with suggestions or interest. For more information, please visit our website [www.aacehawaii.com](http://www.aacehawaii.com).

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#### EXECUTIVE COMMITTEE MEETING

Last held: Feb 4, 2020

Next meeting: Mar 5, 2020

#### ASCE HAWAII SECTION DINNER MEETING Program: T.B.D

Check our website at [ascehawaii.org](http://ascehawaii.org) for updates and an email will be sent out to membership with more information.

#### Speakers: T.B.D

Date: T.B.D

Location: T.B.D.

Time: 5:30pm Social Time  
6:30pm Dinner  
7:00pm Program

Menu: Multi-entrée buffet

Cost: \$35.00 for ASCE Members  
\$40.00 for Non-Members and Guests  
\$20.00 for ASCE Student Chapter Members

#### COMMITTEE POSITIONS

ASCE Hawaii is looking for volunteers to fill the following committee positions: Local Legislative Affairs Chair and Student Practitioner Advisor. If you are interested or have questions on any of these positions, please contact President Jason Kage, [jkage@ascehawaii.org](mailto:jkage@ascehawaii.org).

#### MEMBERSHIP

If you haven't already done so, please renew your ASCE membership. You can renew your membership at [www.asce.org](http://www.asce.org).

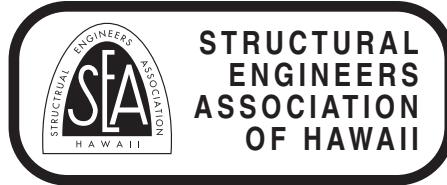
#### ASCE JOB LISTINGS

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

- **AECOM** (Civil Engineer II)
- **Belt Collins** (Civil Engineer II, Civil Engineer P.E., Senior Project Manager)
- **Booz Allen Hamilton** (Senior Civil Engineer and Wastewater Specialist)
- **City and County of Honolulu** (Civil Engineer III, IV, V, Mechanical Engineer V, & Electrical Engineer V)
- **G70** (Civil Designer, Civil Engineer, Civil Project Manager, Construction Manager)
- **HDR** (Senior Civil Engineers, Senior Federal Project Manager, Project Manager – Transportation Group, & Water/Wastewater Engineer)
- **Hirata & Associates** (Geotechnical/Civil Engineer – Project Engineer)
- **Jacobs** (Civil Engineer)
- **Kennedy/Jenks Consultants** (Project

Manager, Staff Engineer for Honolulu Office and Staff Engineer for Hawaii Office)

- **Nagamine Okawa Engineers Inc.** (Structural Engineer)
  - **PGH Wong** (Change and Claims Manager, Change and Claims Specialist, Civil/Building Inspector, Office Engineer, & Scheduler)
  - **SSFM** (Civil Engineers V, Structural Engineer IV)
  - **US Army Corp of Engineers** (USACOE) (Interdisciplinary Project Manager, GS-12)
- For further information, please visit <http://www.ascehawaii.org/job-listings.html>.



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#### Upcoming Events

For registration, see [seaoh.org](http://seaoh.org) or email flyers.

- **MIH Seminar – Masonry Code Updates and Design of Tall Masonry Walls.** March 12, 2020, 8:00 a.m. to 1:30 pm, at Pearl Country Club. Contact Rod Haraga at 808-782-8661 for additional information.
- **MIH Seminar – Masonry Mortar and Grout Specifications.** April 16, 2020, 7:30 a.m. to 11:30 a.m., at Pearl Country Club. Contact Rod Haraga at 808-782-8661 for additional information.

#### Membership Applications

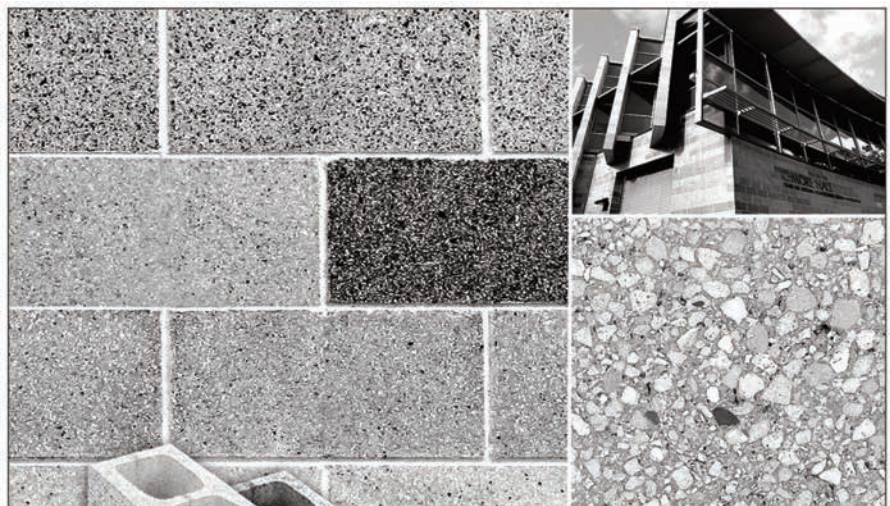
Applications were received from:

- **Noemaikalohaiku'u'lei Lum**, MKE Associates, Associate member
- **Leah Miyasato**, MKE Associates, Associate member

Please contact any SEAHO Board Member by March 1, 2020 to file comments regarding the applicants.

**Next Meeting** on March 4, 2020. For information, contact SEAHO President Danny Fujioka at [dannyf@nagamineokawa.com](mailto:dannyf@nagamineokawa.com)

**Deadline for  
Wiliki  
is March 15th**

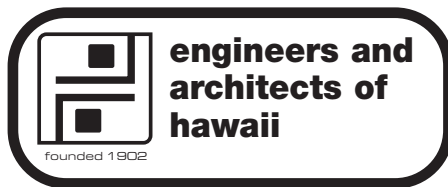


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**An association for Hawaii's Engineers and Architects**

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EAH's meeting location is Room 301 in the Topa Tower downtown Honolulu 745 Fort Street. Validated parking is available (enter from Nimitz). Visit [eahawaii.org](http://eahawaii.org) for directions and a map and any Program schedule or meeting location updates.

Meetings are held 2 times per month on Fridays. Meetings start at NOON and have ended PROMPTLY at 1:00 pm for over 110 years.

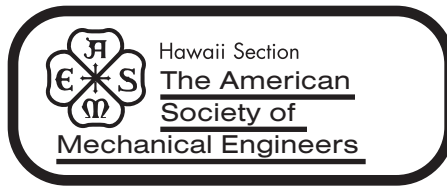
All are Welcome. Lunch is \$10.00 for Members, \$12.00 for guests and \$5.00 for students. Drinks and refreshments are complimentary. Brown baggers welcome. \$2.00 donation is gratefully appreciated if not having lunch.

**March 6: Reyn Yoshimura**, civil engineer, Sam O. Hirota, Inc.; will present their ACECH award winning project – 'Engineering for the Future', Kosasa Community Redevelopment Project at Punahou School. Prime consultant for this \$88 million dollar Grades 2 thru 5, Punahou School, was Design Partners, Inc.

This certified Gold - LEED project was educational inquiry-based learning philosophy to further its sustainability and green building goals:

- to make its students aware of living things, careful of resources and to understand the preciousness of water.
- to create innovative uses of existing storm-water treatment, management and resource techniques in harvesting of rainwater and distributing to gardens.
- to teach its students as learning tool in classrooms for sustainable water resource in natural environment.

**March 20: Kase Kaneko and Eric Matsumoto**, Structural Engineers KSF, Inc.; will present their ACECH Grand Conceptor, state's top award winning project – 'Umauma Stream Bridge, Hawaii Belt Road, Hakalau' for HDOT. The existing bridge, an historic steel trestle structure and concrete abutments, built in the early 1900s, was deemed structurally deficient in 2007. The original historic steel trestle bridge was kept in place for appearance purposes only. Under a state DOT Design-Build Contract VECP with Hawaiian Dredging Construction Company, KSF, Inc. designed a first in Hawaii truly uniquely different bridge structure 100' high in remote location, steep terrain and under seismic demands. The project involved melding advanced materials, innovative elements, and creative construction techniques not previously used in Hawaii.



[www.asme-hi.com](http://www.asme-hi.com)

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Past-Chair	Derek Sato	
	<a href="mailto:derek.sato@hawaiianelectric.com">derek.sato@hawaiianelectric.com</a>	
HCES Rep:	Froilan Garma	

#### **NEXT ASME-HAWAII GENERAL MEMBERSHIP MEETING**

Date: (Date yet to be determined)

Time: from 5:30 pm to 7:00 pm

Place: Johnson Controls, previous meeting was held at the 550 Paiea Street office.

Agenda: A copy of the agenda will be on the Section website.

As usual, all members, students and guests are invited and encouraged to attend our meetings. There are always lots of complimentary refreshments. Please contact Chairman Froilan Garma for directions and for more information, such as parking.

#### **PROFESSOR CHOU CELEBRATES 100th BIRTHDAY**

Professor James Chou celebrated his centennial January 13, 2020. He is currently one of three Department of Mechanical Engineering, University of Hawaii at Manoa, Emeritus Faculty. Being quite old myself I remember Dr. Chou when I was an ME student long ago in the late 60's. Dr. Chou retired from teaching at the age of 68, doing the math that was back in 1988. Nowadays Dr. Chou can be seen in the Pearl City-Aiea areas, especially at the 24 Hour Fitness Pearl City. Advice he usually shares is, "You need to be nice to people; every action receives a reaction." Happy 100th Birthday Dr. Chou!

#### **CALL FOR VOLUNTEER NOMINATIONS**

The current Group Leadership Team (GLT) is still seeking candidates for Section offices for the next ASME fiscal year, July 1 to the following June 30. The GLT includes the Section Chairman, Vice-Chairman, Treasurer, Secretary, Group Page Administrator, and two Members. 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 April 30, 2020.

Please send nominations or inquiries to Chairman Froilan Garma. The GLT positions and major duties can be found at the ASME-HI website: <http://asme-hi.com/bylaws-GOG2015.pdf>.

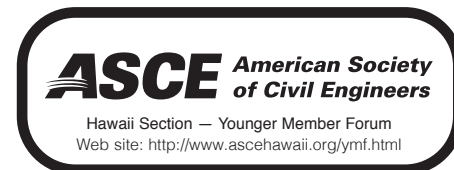
#### **NORTHWEST PROFESSIONAL SECTION LEADERS MONTHLY CALLS**

Hawaii Section Leaders call in to monthly telecons. These monthly calls are for one hour with email follow up with notes of meeting, agendas and newsletters. The next call is Tuesday, March 17.

A new Sections Support team was formed with a goal to improve communications with the volunteer section leaders by sending monthly

newsletters sharing highlights and best practices while keeping leaders informed of important upcoming events and deadlines.

ASME is committed to ensuring members have an opportunity to engage with fellow members within their section. Section leaders play a crucial role in welcoming members, and sections are crucial to members' satisfaction. To help facilitate this opportunity, ASME assembled a team of professionals with experience with non-profit organizations. Their focus is on supporting Professional and Student Sections by opening lines of communication, building relationships and engaging volunteers.



#### **2019-2020 YMF Officers**

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[kstreet@ascehawaiiymf.org](mailto:kstreet@ascehawaiiymf.org)  
 Carly Kaneko, Vice President  
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 Brandon Uejo, Secretary  
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 Nicole Nakaoka, Past President  
[nnakaoka@ascehawaiiymf.org](mailto:nnakaoka@ascehawaiiymf.org)

#### **YMF General Meeting**

The next YMF general meeting is scheduled for Thursday, March 5th, 2020 at 6:00 pm at Chez Kenzo. 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](mailto:ymf.hawaii@gmail.com).

#### **MATHCOUNTS**

On Saturday, February 8th, eleven YMF volunteers assisted in scoring this year's MATHCOUNTS Honolulu Chapter Competition—an island-wide math competition for 6th, 7th, and 8th graders. MATHCOUNTS, a national foundation, organizes programs and competitions dedicated to the enrichment of middle-school mathematics. YMF sends congratulations to all of the participating coaches and mathletes on a great contest and wishes good luck to the winners, who will be advancing to the State Competition in March.



#### **Dog Day Social**

On Sunday, February 9th, eight YMF members and four of their furry friends came down to Bark Park near Diamond Head to have a fetching morning. The skies were clear but there was a gentle breeze to make it a paw-fect weather for the dogs to run around and members to hang out with their friends and play with their canine companions. It was paw-some to watch the dogs make new friends and inspired us all to be as social as them. Thank you all the YMF members for coming and making it a fun and relaxing day. It would not have been paw-sible without you!



## 2020 MATHCOUNTS RESULTS, from Page 1

Hawaii MATHCOUNTS is organized by HSPE with competition assistance from Hawaii educators and engineers. HSPE Honolulu Chapter and State MATHCOUNTS Coordinator is Nhut Pham of Bowers & Kubota, and is assisted by Barry Nakamoto, Retired Hawaiian Electric. HEI Charitable Foundation is again a major sponsor of the 2020 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), ASCE Young Members Forum (YMF), ASME, and the Department of Education. Thanks to Kevin Araki for recruiting USACE volunteers, and to Sadielyn Arakaki and Shane Sasaki who assembled the ASCE YMF volunteers.

Helping with the awards presentation this time were Dr. Steve Caley, Vice Principal, Kamehameha Middle School Kapalama; Joseph Manfre, Mathematics Educational Specialist, Department of Education; Robert Isler, Vice President Power Supply, Hawaiian Electric Co., Inc.; and Sara Doi, President, HSPE. The Master of Ceremonies was again, Lou Muzzarini, retired USACE, who doubles as the competition moderator. Rosella Motoki, Hawaiian Electric Co., assisted Muzzarini with awards presentation announcing the difficult to pronounce award recipient names.

Hawaii MATHCOUNTS thanks Kamehameha Schools for again hosting the Oahu Chapter Competition. They will also host the State Competition on Saturday, March 14, 2020. The State Competition will have the six Oahu schools competing with two outer island schools to determine the Hawaii team competing in the 2020 Raytheon MATHCOUNTS National Competition on May 9-12, 2020 in Lake Buena Vista, Florida.



**US Army Corps of Engineers Scorers & Tallyers**



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lmanabe@fukunagaengineers.com

### NEXT EXECUTIVE COMMITTEE MEETING

March 18, 2020, 11:30am, Location TBA

### WEF MEMBER ASSOCIATION EXCHANGE (WEFMAX) MEETING

April 15-17, 2020, Ala Moana Hotel

Registration open: [www.wef.org/member-ship/wef-member-associations/wefmax](http://www.wef.org/member-ship/wef-member-associations/wefmax)

### BIOSOLIDS/NET ZERO ENERGY CONFERENCE

May 20, 2020, Manoa Grand Ballroom



### 2019-2020 ITE Officers

President: Jennylyn Tapat  
JTapat@wilsonokamoto.com  
Vice Pres.: Kelly Akasaki  
Kelly.akasaki@honolulu.gov  
Sec/Treas: Jasmine Teramae-Kaehua  
jkaehuaa@atahawaii.com

The 2020 ITE Joint Western and Mountain District Annual Meeting will be held in Honolulu this year! Please join us June 28th-July 1st at Hilton Hawaiian Village for the conference. Early registration ends on April 30th. Regular registration (regular pricing) begins on May 1st. For additional information please visit the meeting website at <https://www.westernite.org/annualmeeting> or email Jasmine Teramae-Kaehua at [jkaehuaa@atahawaii.com](mailto:jkaehuaa@atahawaii.com).

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