

33rd ANNUAL HAWAII STATE MATH-COUNTS COMPETITION RESULTS

The Hawaii Society of Professional Engineers (HSPE) announced the 2016 Hawaii MATH-COUNTS team on Saturday, March 12, 2016. The team includes Coach Sung Park of Washington Middle School and Mathletes Steven Doan of Seabury Hall School of Maui, Brandon Lai of Washington Middle School, Seo Been Chang of Washington, and Kyung Bong Ko of Washington. They will represent Hawaii at the 2016 Raytheon MATHCOUNTS National Competition on May 7-10, 2016 in Washington, D.C. The four will be among 224 final Mathletes from 50 states, U.S. territories, State Department schools and Department of Defense schools.

The Hawaii team was determined at the 33rd Annual Hawaii State MATHCOUNTS Competition at Kamehameha Schools Kalama Dining Hall on March 12, 2016, after very intense competition between finalist from the Oahu, Hawaii and Maui MATHCOUNTS Chapters which included eight finalist schools, and 38 finalist Mathletes. The ten highest scorers from the Sprint and Target Rounds competed in the Countdown Round with the top four Mathletes making the Hawaii team. These ten competing students included in tenth place Michael Chen of Punahou, ninth place Kyung Bong Ko of Washington, eighth place Jason Huynh of Iao School, seventh place Michael Wong of Iao, sixth place Hideki Imanishi of Waiakea Intermediate School, fifth place Jae Woo Lee of Washington, fourth place Haeri Kim of Washington, third place Brandon Lai of Washington, second place Seo Been Chang of Washington, and in first place Steven Doan of Seabury Hall.

The ten Mathletes competed in the Countdown Round in a single-elimination, head-to-head, oral round starting with the tenth

continued on page 7



2016 Hawaii team, L-R: Steven Doan, Brandon Lai, Seo Been Chang and Kyung Bong Ko.



Grand Conceptor Award goes to the Waikamoi Flume Replacement

Project submitted by Kai Hawaii.

The American Council of Engineering Companies of Hawaii (ACECH) had its Engineering Excellence Award Banquet on January 10, 2016. The Grand Conceptor Award was announced for the first time to a room of over 100 engineers and guests. The Waikamoi Flume Replacement Project has been sent to ACEC National for competition against other state's nominations.

Waikamoi Flume Replacement Project Description:

The Waikamoi Flume meanders along steep mountainsides and across deep gulches for a distance of 1.1 miles through the Koolau Forest Reserve on Mount Haleakala in Upcountry Maui. The flume carries irrigation and domestic potable water to the residents of Kula, Waiakoa, Keokea, Ulupalakua, and Kanaio. Originally constructed out of redwood over a hundred years ago and partially reconstructed in the 1930's and again in the 1970's, the flume has experienced frequent leaks, blowouts, and foundation issues due to the rotting timbers, causing a significant loss of water volume that is ultimately delivered to the reservoir below. Frequent repair work by maintenance personnel was necessary under hazardous conditions. Consequently, residents and farmers were often faced with restricted water use.

Confronted by the County of Maui's goal of restoring the water carrying capacity of the flume, the Department of Water Supply contracted **KAI Hawaii, Inc.** to design a new flume system with the following design criteria:

- The flume must be leak-free
- Must be constructed of a corrosion-resistant material
- Must include a catwalk mounted to the flume structure along the entire 1.1 mile length for maintenance purposes
- Must be constructible in the wet, isolated, and severe working conditions at the site

Dangerous working conditions and lack of infrastructure severely limited access to the flume by the contractor. Materials and equipment had to either be carried in by hand or airlifted in and out, limiting many design, material, and construction options.

The design proved to be very innovative in that the water conveying box, the structural members, and the catwalk were all nested into one compact assembly. In addition, the use of aluminum significantly reduced the weight of individual components that had to be either hand-carried or flown in by helicopter. Each component was both small and light enough to be erected and bolted into place without the assistance of heavy equipment or field welding, and connections were designed with a significant amount of adjustability for field fit-up. In the many areas where the cross-slope is nearly vertical, truss bridges were used to maximize span lengths and thereby reducing the number of foundations required. The contractor's innovative use of conveyor wires across the gulches and steep cross slopes made the construction possible.

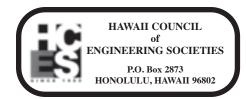


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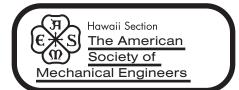
WILIKI MAILING LIST

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.



HOME PAGE: http://hces.us

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www.asme-hi.com

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	Derek.sato@hawaiianelec	tric.com
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NEXT ASME-HAWAII SECTION GENERAL MEMBERSHIP MEETING

Date: Planned for late March 2016 Time: 5:30 pm to 7:00 pm Place: HECO Ward Ave Ca

Place: HECO Ward Ave Cafeteria Conference Room

Agenda: TBA

All members are invited and encouraged to attend our meetings. There are always lots of free pizza and soft drinks. Please contact Chairman Derek Sato or Ed Chang for directions and for more information, such as parking within Hawaiian Electric's Ward Avenue facilities.

TOUR OF USS LOUISVILLE SUBMARINE

Senior and Student Section members toured the USS Louisville submarine on Saturday, February 27, at Pearl Harbor. The tour was arranged by ASME member CDR Lawrence Ollice. The Louisville is a Los Angeles class nuclear-powered fast attack submarine commissioned in 1986. It is 362 feet long, 33 feet wide and 31 feet deep. The ship motto is "Best of the Breed." It carries acoustic homing torpedoes and 16 Tomahawk cruise missiles. The Louisville is the first submarine to launch Tomahawks in combat during an Iraq mission. Our group spent about two hours on board led by very informative, helpful and friendly Louisville crew members. The tour included the whole ship except the propulsion section.

TOUR OF SOLAR IMPULSE 2

A tour of the Solar Impulse 2 aircraft was planned for March 22, 2016. Unfortunately, the aircraft left for Phoenix, AZ in early March. The aircraft was located at the Kalaeloa Airport. Solar Impulse 2 was damaged during its Nagoya, Japan to Hawaii flight.



2016 FRANCIS RHODES MONTGOMERY DESIGN COMPETITION

The ASME Hawaii Francis Rhodes Montgomery Design Competition is scheduled for May 6, 2016 on the University of Hawaii at Manoa Campus. This annual event is cosponsored by the Department of Mechanical Engineering (DME), University of Hawaii at Manoa, and the ASME Hawaii Francis R. Montgomery Foundation. The competition started in 1987, using the two sequence mechanical engineering design course starting with ME 481 and completion through the ME 482 course with the students demonstrating not only their engineering knowledge, but also the execution of project management skills and the ability to work closely in teams.

2016 BALLOT & SURVEY DEADLINE IS APRIL 30, 2016

There is still time to complete our 2016 Hawaii Section Ballot & Survey via SurveyMonkey.com. Please visit our website and complete the ballot & survey. Remember to leave your name at the end of the SurveyMonkey survey. Your input is valued and appreciated.



Hawaii Section Officers 2015-2016

President	Donna Kishi
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Treasurer	Willie Diguc

2016 HAWAII CHAPTER GOLF TOURNAMENT

Friday, May 6th, 2016 Pearl Country Club 98-535 Kaonohi Street Aiea, Hawaii 96701 Phone: (808) 487-2460 Website: *www.pearlcc.com* Tee-Time starts at 11:30am FOURSOME Format, Four Players/Team Entry Fee: \$195/player*

Team Fee: \$780/4 players (covers golf fee, cart, lunch and awards banquet after golf) Deadline for Teams: Friday, April 29, 2016

Single entry will be assigned to a four-some; notification of assigned team during registration.

Specific game details will be provided to all players prior to the event.

*Some of the entry fee may be tax deductible; consult your tax professional for determination.

CORPORATE/INDIVIDUAL SPONSORS NEEDED

Gold: \$500, Silver: \$300, Bronze: \$200

- Sponsor banner placement
- Recognition at the upcoming Installation
 Banquet
- Recognition in the Hawaii Chapter newsletter and website
- Award certificate

Register/Donate on-line using the Hawaii Chapter website http://ashraehawaiichapter. info or questions/ more info, contact/text or



HONOLULU POST SOCIETY OF AMERICAN MILITARY ENGINEERS Established 1920 --Dedicated to the National Defense

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

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2016 SAME Honolulu Post Scholarship Program

The Society of American Military Engineers Honolulu post is offering up to seven scholarships in three categories:

- \$6,000 "Merit-based" 4-year Scholarship (up to 4) open to a Hawaii high school senior who has been accepted into the College of Engineering or School of Architecture at a 4year university with an accredited Engineering or Architecture program.
- \$1,500 "Merit-based" One-year Scholarship (up to 2) open to a Hawaii undergraduate or graduate student currently enrolled in the College of Engineering or School of Architecture at a 4-year university with an accredited Engineering or Architecture program
- \$1,500 "Need-based" One-year Scholarship (one) open to a non-traditional Hawaii undergraduate or graduate student currently enrolled in the College of Engineering or School of Architecture program at a 4-year university with an accredited Engineering or Architecture program

Common eligibility requirements include:

✓ Minimum 3.0 GPA

- ✓ Military affiliation or experience (i.e., SAME member or dependent, military dependent, Junior ROTC or ROTC) not required, but given preference
- ✓ U.S. citizen

Scholarship application submittal requirements include:

- ✓ Application obtained from *www.samehonolulu.org.*
- ✓ Official transcripts (the latest)
- Resume of work experience, academic and extra-curricular activities (two pages maximum)
- Essay on "In this competitive global economy, how can the U.S. education system further promote STEM so the U.S. can compete with countries such as Japan, China, Germany, etc. that excel in STEM?" (two pages maximum)
- ✓ One reference letter mailed or emailed directly by a faculty (non-family) member describing the applicant's desire to pursue a career in the eligible programs (two pages maximum)

When applicable:

- ✓ For high school seniors who will pursue undergraduate degrees in Engineering or Architecture – a copy of the university acceptance letter
- For non-traditional students who apply for the "Need-based" one-year scholarship –

explanation/evidence why financial assistance is needed

Application Deadline: Postmark by June 6, 2016

Winners will be announced in late June 2016. For more information, contact Julie Chen at *Scholarship@samehonolulu.org*.



PO box 4353, Honolulu, Hawaii 96813 An association for Hawaii's Engineers and Architects

WEB address: www.eahawaii.org

EAH 2015- 20 ⁻	16 Officers	
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APRIL SPEAKERS

April 1. Speaker: Daniel Martinez, Chief Historian - World War 2 Valor in the Pacific National Monument. Title: Heroes of the USS Arizona.

Daniel returns to the EAH to tell us the amazing personal stories of the crew members lost on the Arizona. It is the result of a research project funded by the Pacific Historic Parks and is drawn from scanning the record of every one of those killed in action aboard the Arizona. The records are held at the National Archives in St. Louis, Missouri and reveal fascinating details of those who gave their last measure of devotion to their country.

April 8. Speaker: Bob Sigall, - Columnist and former window washer.

Title: Intriguing Stories of Hawaii's People, Places and Companies.

Bob has completed four books and is only four away from the goal of publishing eight books before he is 88. At this meeting he will share with EAH some of his most recent researches into our Hawaii Nei. Always value gained when Bob speaks.

April 15. Speaker: Hans Van Tilburg, Maritime Archeologist - NOAA, Office of National Marine Sanctuaries. Title: Maritime Wrecks in the Waters of Hawaii.

Developing the tactics which allowed the US to fight the war in the Pacific was dangerous. Over a thousand planes and landing craft were lost around the islands. The wrecks along the coast are like windows into the past and they remind us of the sacrifices made during WW 2. Hans Van Tilburg, NOAA's maritime heritage coordinator, will speak on the information being collected by the underwater projects that will help us better understand this chapter in our history and its significance to that war.

April 22. Speaker: Don Olson PE -Construction Manager, Bowers+Kubota KK Tunnel CM Team. Title: Kaneohe - Kailua Waste Water Conveyance & Treatment Facilities Project.

In April 2015 boring began on the 13 foot

wide 3 mile long tunnel from Aikahi to the Kaneohe WWTPF. Today the Tunnel Boring Machine (TBM) has a little more than a half-mile to go! Don will present the progress of this, which for Hawaii, is a once in a life time engineering project.

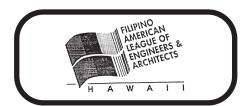
April 29. Speaker: Mason Architects Inc. Title: From Iolani Palace to the Club Hubba Hubba.

A list of projects completed by Mason Architects would dazzle anyone in the architectural/engineering field as well as all of us who treasure what we have in this beautiful state. This presentation will touch on some of the firm's accomplishments and how architecture, research and preservation work together to let us, "Hold what we got!"

Meetings are held every Friday (except Holidays). Meetings start at NOON and have ended PROMPTLY at 1:00 pm for 70 Years. Program schedule may be adjusted. Call Sam Gillie to confirm speaker 543-4739; Fax 203-1335.

EAH's new meeting location is Room 301 in the Topa Tower (Ewa tower on Fort Street; Old AMFAC Building). Validated parking is available (enter from Nimitz). The WEB site has been updated to provide directions and a Map. If you have questions please call Sam Gillie (543-4739).

Lunch is \$10.00 Members, \$12.00 Guests. (All Welcome), Students Free. Drink refreshments are complimentary. You may bring your own lunches, in which case a \$2.00 donation is gratefully appreciated!!



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

2014-16 Officers/BoDirectors

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HCES Rep:	Francisco T. Cruzata, AIA	
Alternate:	Gene C. Albano, Jr., PE, LEED AP	

MARCH 2016 HIGHLIGHTS: Recently, a friend of FALEA from another organization asked our President Frank Cruzata if our organization would like to be a Community Partner for the Filipino Film Festival at the Honolulu Museum of Art's Doris Duke Theater. There's no "catch" and doesn't involve any donation requirements, but rather gives our members an opportunity to watch the films and also be acknowledged in the credits. The film festival starts on April 2nd and the promotions will start soon. This has generated some interest with several of our members and are now in process of checking the list of movies and their schedules of showing, and possibly even go as a group. Check it out at: http://honolulumuseum.org/15635-filipino_film_festival_2016



2015-2016 ASCE Hawaii Section Officers

President:	Ben Rasa, P.E.
PresElect:	email: <i>brasa@ascehawaii.org</i> Tim Goshi, P.E.
Vice Pres.:	email: <i>tgoshi@kaihawaii.com</i> Lara Karamatsu,P.E.
Treasurer:	email: <i>Ikaramatsu@ascehawaii.org</i> Eric Arakawa, P.E.
ileasulei.	email: earakawa@ascehawaii.org
Secretary:	Jason Kage, P.E. email: <i>jkage@ascehawaii.org</i>
Past Pres.:	Glenn Miyasato, P.E. email: gmiyasato@ascehawaii.org
YMF Pres.:	Amanda Tanaka, P.E. email: atanaka@ascehawaiiymf.org

APRIL DINNER MEETING

Program: University of Hawaii at Manoa ASCE Student Chapter.

The ASCE Student Chapter will summarize its accomplishments for 2015-2016 including highlights from this year's ASCE Pacific Southwest Regional Conference.

Date:	Thursday, April 14th, 2016
Location:	Dave and Busters, Paina Room
Time:	5:30 p.m. Social Time
	6:30 p.m. Dinner
	7:00 p.m. Program
Menu:	Multi-entrée buffet
Cost:	\$30.00 for ASCE Hawaii Section
	Members
	\$35.00 for Non-Members and
	Guests
	\$20.00 for University of Hawaii at
	Manoa ASCE Student Chapter
	Members

Reservations:

Please make checks payable to "ASCE Hawaii Section" and mail to: Eric Arakawa, ASCE Hawaii Section Treasurer, The Limtiaco Consulting Group, 1622 Kanakanui Street, Honolulu, HI 96817, by Tuesday, April 5th, 2016. Phone/email RSVP by Wednesday, April 6th, 2016, (808) 596-7790 or email at *eric.a@tlcghawaii.com*. No shows will be billed.

EXECUTIVE COMMITTEE MEETING

Last held: March 2, 2016 Next meeting: April 7, 2016

CONTINUING EDUCATION

ASCE National holds more than 275 seminars and computer workshops each year on a wide variety of technical, management, and regulatory topics. These seminars are held in more than 45 cities across the U.S. In addition, ASCE offers customized on-site training and many distance learning programs, including live interactive web/teleconference seminars, online courses and courses on CD, videotape, and audiotape. Please visit http://www.ascehawaii.org/links.html and click on ASCE National for complete details.

ASCE HAWAII SECTION STUDENT SCHOLARSHIPS

Please help us increase our scholarship endowment so that we can recognize deserving students. We continue to accept taxdeductible donations with the goal of increasing the annual scholarships. Make your check payable to 'ASCE Hawaii Section' and mail to: ASCE Scholarship Committee, P.O. Box 917, Honolulu, HI 96808-0917. If you have any questions, please contact Glenn Miyasato at 488-7579 or *gmiyasato@ascehawaii.org.*

ASCE JOB LISTINGS

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

- Civil Engineer CH2M
- Water Engineer CH2M
- Assistant Program Administrator City and County of Honolulu
- Civil Engineer V (Geotechnical)– City & County of Honolulu
- Civil Engineer V City and County of Honolulu
- Mechanical Engineer V City and County of Honolulu
- Structural Engineer V City and County of Honolulu
- Junior Engineer GPRM Prestress
- Sr. Geotechnical/Geological Engineer Hart Crowser, Inc.
- Project Geotechnical/Geological Engineer Hart Crowser, Inc.
- Structural Engineer Nagamine Okawa Engineers, Inc.
- Principal Project Control Engineer/Specialist, AIRPORT – Parsons
- Professional Engineer (Civil and Environmental Engineering) – SEY Engineers, Inc.
- Civil Engineer V SSFM International

• Structural Engineer IV – SSFM International For further information on these job listings please visit http://www.ascehawaii.org/job-listings.html. or to find out how you can post your company job openings on our website, please contact Tim Goshi at (808)791-3966 or tgoshi@ascehawaii.org.



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

2016 BOD OFFICERS AND DIRECTORS

2016 BOD OFFICERS AND DIRECTORS		
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	jeffreyhanyu@allisonide.c	от
Vice Pres	Jonathan Murai	791-3952
	jmurai@kaihawaii.com	
Secretary	Lyle Carden	521-4513
,	lcarden@martinchock.cor	п
Treasurer	Kimberly Hoo	521-6958
	Kimberly.hoo@englekirk.c	com
Director (Yr 2)	Dennis Sakamoto	682-5737
	dennis@tilecoinc.com	
Director (Yr 2)	Gaur Johnson	956-2377
	gaur@hawaii.edu	
Director (Yr 1)	Damien Enright	845-2474
	structurs001@hawaii.rr.co	m
Director (Yr 1)	Ryan Lawton	208-1433
,	rlawton@histructures.com	1
Past President	Fernando Frontera	781-2802
	ffrontera@baseengr.com	

PREVIOUS BOD MEETING March 2, 2016

General Membership Meetings/Technical Seminars/Events

For all events see seach.org or look for email flyer for registration.

- Seismic Detailing of Concrete Special Moment Frames by S.K. Ghosh – Pagoda Hotel – April 28.
- SEAOH Annual Convention Turtle Bay Resort. June 10-11.

- ATC training for post-wind and seismic disaster safety evaluations are planned for midyear. Details to be announced.
- SEAOH now has a subscription to the regular NCSEA technical webinars. Check the website or flyers for upcoming webinars, hosted at UH or another convenient location.

Next Meeting on April 6, 2015. For location, contact SEAOH President, Jeffrey Hanyu, *jeffreyhanyu@allisonide.com.*



2015-2016 YMF Officers

Amanda Tanaka, President atanaka@ascehawaiiymf.org Norman Leong, Vice President nleong@ascehawaiiymf.org Jordan Urabe, Secretary

- jurabe@ascehawaiiymf.org
- Nicole Nakaoka, Treasurer
- nnakaoka@ascehawaiiymf.org Puna Kaneakua, Past President
- pkaneakua@ascehawaiiymf.org

YMF General Meeting

The next YMF general meeting is scheduled for Wednesday, April 6th at 6:00 pm at Hukilau Sports Bar & Grill. If you are interested in attending and learning more about the various professional and service opportunities available through YMF, please contact YMF at *ymf.hawaii@gmail.com*.



Website: hawaii.apwa.net

2016 Officers

2010 011001	5	
President	Victor Valdez	356-1281
	vvaldez@ssfm.com	
Vice-Pres	Ryan Char	523-5866
	rchar@group70int.com	
Treasurer	Darin Izon	523-8499
	dizon@BrwnCald.com	
Past Pres	Tyler Sugihara	768-3600
	tsugihara@honolulu.gov	

Hawaii Chapter would like to announce its officers for 2016. Victor Valdez of SSFM International will be the incoming President. Victor will be joined by Ryan Char of Group 70 International and Darin Izon of Brown and Caldwell. Ryan and Darin will serve respectively as Vice President and Treasurer. As outgoing President, Tyler Sugihara of the Department of Facility Maintenance of the City & County of Honolulu will serve as Past President.

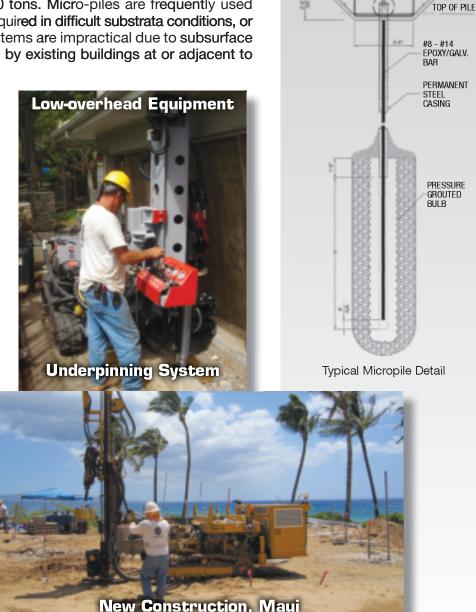
The 23rd annual Education Fund Golf Tournament will be held Friday, April 8, 2016, at the Ala Wai Golf Course. Proceeds will sustain the Chapter's education fund which provides annual monetary awards at the Hawaii State Science and Engineering Fair and annual partial scholarships towards higher education tuition to eligible students who major in a public works-related field. Interested golf players may contact Rouen Liu at 543-7245 or *rouen.liu@ hawaiianelectric.com.* STRUCTURAL SYSTEMS, INC.

General Engineering • Foundation Systems • Micro Piles

MICRO PILES As defined in FHWA-RD-96-016 "Micro-piles are small diameter drilled and grouted reinforced piles used for both structural support and insitu earth reinforcement." Typically less than 10" in diameter, allowable design capacities frequently exceed 100 kips and our crews have performed testing in excess of 225 kips or over 100 tons. Micro-piles are frequently used where a deep foundation system is required in difficult substrata conditions, or where driven piles or large diameter systems are impractical due to subsurface obstructions, or limitations presented by existing buildings at or adjacent to the project site.

Capabilities, Benefits & Advantages

- Limited Access and Low-overhead Equipment
- Design/Build Projects
- FHWA Compliant
- High Bearing & Tension Capacities (100 Tons)
- New Construction
- Cased or Un-cased Systems
- Hollow-bar Injection Anchors
 & Piles
- Atlas & Chance Helical Piers
- Remedial Underpinning
- Foundation Releveling
- Load Transfer
- Soil Nails, Gunite
- Slope Stabilization
- Compaction Grouting
- Uretek, Slab Releveling



Since 1985 in Hawaii, Structural Systems and its allied company Kelikai have compiled decades of experience installing deep foundation systems. Our experience includes a range of piling systems for bearing support, and a selection of differing anchor systems for tension applications. Additionally, we are authorized installers of the Atlas and Chance brands of pre-engineered foundation systems for both new construction and remedial/underpinning applications. Hawaii has widely variable and difficult subsurface conditions. With their experience, our staff and field crews are peerless in their ability to address all the differing geotechnical conditions unique to Hawaii.



MICRO PILE

STRUCTURAL SYSTEMS, INC.

General Engineering

P.O. Box 30296 Honolulu, HI 96820 Telephone: (808) 845-2474 Fax: (808) 847-2966 Email: structurs001@hawaii.rr.com website: WWW.SSIHAWAII.COM



P.O. Box 88840 Honolulu, HI 96830 *Website: www.acechawaii.org*

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LETTER FROM THE ACECH PRESIDENT

Written by Robin M. Lim, P.E.

Aloha ACECH Members:

Please join your colleagues and friends at our **ACECH ANNUAL MEETING**, to be held on **April 7, 2016**, at 8 AM, at the Honolulu Country Club. We look forward to another informative event, during which we will review our accomplishments during the past year and install the new officers and board members.

We have invited two speakers to address the membership: We have Ken Miller, Sr. Vice President and Chief Investment Strategist at First Hawaiian Bank, who will speak on the economic outlook for Hawaii; and Craig Hirai, the Executive Director at the Hawaii Housing and Finance Development Corporation (HHFDC), who will discuss how affordable housing in Hawaii is financed and developed. I am certain the briefings by these industry leaders will be topical and of interest, and their presentations will provide us with insights regarding the economy and long-range planning goals for our communities. Both speakers will entertain questions from the audience, so please come prepared.

At our annual meeting, we will be discussing ACECH's Budget Proposal for 2016-2017, reporting on various committee matters, electing our new officers and board members, and addressing any other issues brought to the floor. Our Nomination Committee has recommended the following slate for the **2016-2017 ACECH BOARD OF DIRECTORS:**

President: Corey Matsuoka President-Elect: Jeff Kalani Secretary: Sean Sugai Treasurer: Ken Kawahara Past President: Robin Lim National Director: Janice Marsters Director: Garret Masuda Director: Liana Choy and Director: Paul Matsuda

Also in April, a group of us will be attending the ACEC Annual Convention and Legislative Summit in Washington, D.C., to be held on April 17th - 20th, and we will be meeting with our Congressional delegation. We will be discussing our industry's top issues, including funding for Hawaii's transportation and infrastructure needs, a comprehensive strategy to meeting the nation's energy needs, and other relevant matters before Congress. The Consulting Congress Days allow our membership to highlight to our legislators the issues that directly affect our businesses and help establish the long-term relationships that help create a more business-friendly climate in Hawaii.

Hana Hou! Robin M. Lim, P.E. ACECH President (FY 2015-2016)



CCMAA Hawaii Chapter

http://hawchapter.cmaa.org

2016 Hawaii Chapter Officers		
President:	Bill Thornton (Ledcor)	
	President@cmaahawaiicmaa.org	
Vice Pres:	Chandra Namumnart	
	(EKNA Services)	
	Vicepresident@cmaahawaii.org	
Secretary:	Craig Williamson (Bowers+Kubota)	
	Secretary@cmaahawaii.org	
Treasurer:	Julie Hero (SSFM)	
	Treasurer@cmaahawaii.org	
Past President:	Derek Mukai	
	(Community Planning & Engineering)	
	Hawaii.cmaa@gmail.com	
Directors:	Tim Bramsen (Bowers+Kubota)	
	Mike Young (Bowers+Kubota)	
	Jeff Clark (Fluor)	

CMAA Hawaii Chapter News:

In March 2016 our Chapter hosted Happy hour networking events both in Maui at 808 Main and in Oahu at Nico's. Also in March, we hosted our bimonthly luncheon event at Hale Ikena, where our speaker; Lee Cranmer - representing Howard Hughes on the Kaka'ako redevelopment program gave us an update on their plan for the revitalization program. O n Tuesday May 17th, we are excited to announce our chapter's first ever visit by Bruce D'agostino (CMAA National President) who will be our keynote speaker at the CMAA Hawaii 2016 Mini Conference, which will again be held at the beautiful Ko'olau Ballrooms in Kaneohewatch for our upcoming email blast announcement containing information on speakers and more details on this exciting event.

Furthering the knowledge of the importance of the CCM credential is an important aspect of our mission this year. Proving to Hawaii's owners that utilizing CM services helps will deliver their projects more effectively and efficiently. As part of this program, we invite those of you who are interested in obtaining your CCM to participate in the upcoming Professional Construction Manager (PCM) training class that CMAA Hawaii will sponsor at Honolulu Community College on August 3rd-5th, 2016. Email blasts announcing thisclass will be coming your way in March as well.

Please join us and be a part of our Ohana! Our chapter is here as a resource for **all** Construction Engineering and Management professionals, and the things that we do benefit not only our CM community but our larger Ohana as well.

If you have any questions regarding any of our upcoming events, would like to join our Ohana and become more involved with the CMAA Hawaii Chapter or would simply like to be added to our email list, please email us at *hawaii.cmaa@gmail.com*, or at our mailing address; CMAA Hawaii, PO Box 531, Honolulu, HI 96809.

Looking for a CCM? The current listing for all Hawaii CCMs can be found here: *https://cmaanet.org/certified-construction-managers-registry.*

ASHRAE, from page 2

email Deron at 808-521-3773 or *djyo@insyner-gyeng.com*

For the benefit of ASHRAE Research or:

The Lester Nakata Memorial Endowed Fund The Fred Kohloss, P.E. Endowed Fund The Past Presidents Endowed Fund Note: Proceeds will benefit ASHRAE Research Promotion and a portion will be allocated to the Hawaii Chapter operating expenses.



HSPE Officers, 2015 to 2016		
President:	Curtis Beck, PE	
	curt137inverse@yahoo.com	
President Elect:	Mike Silva, PE, LS, LEED AP	
	mike@femaui.com	
Past President:	Darren Okimoto, PE	
	dokimoto@wsue.com	
Vice President:	Mike Kamaka, PE	
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Secretary:	Irina Constantinescu, PE, LEED AP	
	Constantinescu@brwncald.com	
House of		
Delegates Rep:	Majella Stevenson, PE	
	MujTravel@aol.com	
Treasurer:	Kurt Kunimune, PE	
	kkunimune@bowersandkubota.com	

Mark your calendar for the 2016 Professional Engineers Conference, June 22-26, in Dallas. This year, the Annual Meeting of the NSPE is a partnership between NSPE and the Texas Society of Professional Engineers, and will be held at the Fairmont Hotel Dallas. It is a unique opportunity for PEs and those on the path to licensure to connect with like-minded professionals, earn continuing education credits, and learn about the profession's top issues. Engineers can earn up to 15 Professional Development credit hours ("PDHs") covering a variety of topics that touch different disciplines across the profession. Enhance your career or business at networking lunches on Thursday and Friday and a Wednesday networking reception where you can meet other professionals from around the country. The Hawaii Society of Professional Engineers highly recommends the conference to employers of young and developing engineers as an excellent training ground for leadership and networking skills. To learn more, check the NSPE website at http://www.nspe.org/ or contact any of the HSPE Executive Board members. The reserved hotel block at the Fairmont Hotel Dallas runs until May 31, so start making your plans now to this Texas-sized Professional Engineers Conference!

The HCES Engineer's Week banquet was held on February 27 at the Koolau Golf Club. Dr. Brennon Morioka was honored as the HSPE Engineer of the Year. Congratulations Dr. Morioka.

> Wiliki Advertisers Wanted



First Place Washington Middle School Team including Individuals and coaches at the ends.

MATHCOUNTS, from page 1

and ninth place Mathletes. The problem is read and shown on a screen and the Mathletes are given 45 seconds to answer. The first to press the buzzer answers first, and if wrong, the other Mathlete has the rest of the 45 seconds to answer. In the earlier matches, the first to answer two problems correctly moves on to meet the next higher placed Mathlete. An outstanding Mathlete was Kyung Bong Ko who was positioned in ninth place. Ko defeated the next five Mathletes to end up in fourth place and a trip to the Nationals. When it came down to the final two Mathletes, Steven Doan showed why he was the highest scorer answering three consecutive Countdown Round questions correctly and taking first place.

The placement of teams is determined by adding team members' individual scores plus the Team Round score. Of the eight competing teams, in first place was Washington Middle School, and therefore Coach Sung Park has the honor of being the Hawaii Team Coach at the Nationals in Washington, D.C. The second place to eighth place teams, respectively, were lao School with coaches Lynette Zakabi and Adrienne Wong, Waiakea Intermediate with coaches Arlene Cabalce and Fran French, Iolani School and coach Joe Guillou, Punahou School with coaches Todd Chow-Hoy and Leslee Hosoda, Highlands Intermediate School with coach Wynne Lee. Kamehameha Schools Kapalama and coach Midori Burton, and Niu Valley Middle School with coach Jonathan Oshiro

Awards presenters included Earl Kim, Head

of School, Kamehameha Schools Kapalama; Lynne Unemori, Vice President of Corporate Communications, Hawaiian Electric Company, Inc.; Dewey Gottlieb, Education Specialist for Mathematics, State of Hawaii Department of Education; and Brian Bowers, President of Bowers + Kubota Consulting and representing HSPE. The organizations they represent have a major role in perpetuating MATHCOUNTS in Hawaii.

MATHCOUNTS is locally sponsored and organized by HSPE with help from Hawaii's teachers. Hawaiian Electric Company, Inc. provides financial support and volunteers. The competition day scoring and proctoring volunteers were from Hawaiian Electric and the U.S. Army Corps of Engineers.

ACECH Award, from page 1

This project improved the overall efficiency of the water conveyance, safety for maintenance personnel, and minimized the future maintenance needs for the flume. The County can now maximize the use of its water to supply to its residential and agricultural ratepayers, while reducing water restrictions during drought conditions.

Other Awards were given out that evening, and are shown below:

The Engineering Excellence Awards:

- Spiders Phase III project submitted by Burns McDonnell Engineering Company, Inc.
- Hanalei Stream Bank Restoration submitted by AECOM Technical Services, Inc.

 Pearl Harbor Channel Underwater Waterline Crossing submitted by Fukunaga & Associates, Inc.

The Honor Awards:

- Warriors in Transition Barracks & Complex submitted by Wilson Okamoto Corporation
- Hale'iwa Store Lots submitted by Group 70 International, Inc.
- Daniel K. Inouye Fighter Squadron Operations Aircraft Maintenance Facility submitted by Burns McDonnell Engineering Company, Inc.
- Kaumualii Highway Lihue Mill Bridge Rice Street submitted by Bowers+ Kubota Consulting
- Honolulu Complete Streets Implementation Study submitted by SSFM International, Inc.
- Information Technology Center submitted by Bowers+ Kubota Consulting



2015-2016 ITE Officers

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Treasurer:	Chance Morrill
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Director:	Pete Pascua
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President Nita Wolfgramm welcomed everyone to the section meeting where Cathy Leong, Western ITE District President, provided an update on the Western District, as well as, information on the new/ongoing initiatives currently taking place. Cathy also discussed the possibility of having the Western District Annual Meeting in Hawaii in the Year 2020. A full proposal is being prepared which includes a presentation to the Western ITE District Board. Cathy mentioned that hosting the annual meeting will take a lot of work and hopes that everyone will be able to lend a helping hand.



HAWAII COUNCIL OF ENGINEERING SOCIETIES P.O. Box 2873 Honolulu, Hawaii 96802

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