

2019 HCES LIFETIME ACHIEVEMENT AWARD

ROBERT Y. AKINAKA

The Hawaii Council of Engineering Societies is proud to announce that Mr. Robert Y. Akinaka, P.E. has been selected for its 2019 HCES Lifetime Achievement Award. Mr. Akinaka was chosen for this honor in recognition of his many years of dedication and service to his profession and to the community.

Mr. Akinaka is currently retired and serves as the Chairman of Akinaka & Associates, Ltd., a consulting civil engineering firm in Honolulu, which was founded in 1941 by his father, Arthur Y. Akinaka. As some of you may remember, Arthur Y. Akinaka was presented with the Engineer of the Year award in 1978. Bob grew up in Kalihi, observing and admiring his father's professionalism and commitment to developing successful projects for the benefit of the community. After his graduation from Punahou School in 1959, he continued his education at Stanford University where he earned a Bachelor of Science Degree in civil engineering in 1963. He then returned to Hawaii to work for his father's firm, where he made it his goal to quickly learn all the skills required for successful engineering solutions. He became the President of Akinaka & Associates, Ltd. in 1984 and its chairman in 2003.

During his 50 year career, Mr. Akinaka has been a leading force in numerous major engineering projects which benefit the people of Hawaii. He has also contributed to his profession by generously donating his time and skills to organizations such as the American Water Works Association, which presented him with their prestigious Fuller Award as well as Honorary member status, which is given each year to 10 members amongst its then 50,000 membership. In addition to being a life member of the American Water Works Association, he is also a life member of the



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2019 ENGINEER OF THE YEAR

DR. ROGER BABCOCK

Dr. Roger Babcock is a Professor of Civil & Environmental Engineering in the College of Engineering and the Water Resources Research Center at the University of Hawaii at Manoa where he has been since 1995. He obtained a BS from UC Davis, a MS from Cal Poly San Luis Obispo, and a PhD from UCLA in 1991, all in Civil Engineering. He worked as a consulting engineer for Carollo Engineers in Walnut Creek CA in the early 1990s designing water and wastewater treatment plants and has Professional Engineering licenses in CA and HI. Dr. Babcock conducts research on biological wastewater treatment, on-site wastewater treatment, water recycling, membrane bioreactors, energy efficiency and production from wastewater, the effects of sea level rise of wastewater infrastructure, stormwater runoff management with green roofs, and bioremediation. He has won over 50 grants for his research from Federal, State and County government, private foundations, and engineering companies. Dr. Babcock has produced 180 works including journal papers, technical papers, and technical conference proceedings. Dr. Babcock has mentored to degree completion a total of 69 MS and 4 PhD students, and currently advises 3 PhD and 3 MS students. He has served as the ASCE Student Chapter faculty advisor since 2002 and they have received 5 national faculty advisor awards and 9 national student chapter awards from ASCE (most recently in 2018 for both).

Dr. Babcock teaches courses on environmental engineering, water and wastewater, engineering ethics, surveying and AutoCAD using the innovative "flipped classroom" teaching method. He also teaches on-line classes during the summer. The CE students have selected him for the



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2019 YOUNG ENGINEER OF THE YEAR

AMANDA TANAKA

The Filipino American League of Engineers and Architects on behalf of the Hawaii Council of Engineering Societies selected Ms. Amanda Tanaka as the 2018 Young Engineer of the Year award winner. Amanda was nominated by the American Society of Civil Engineers Hawaii Section for her outstanding work as a champion for the advancement of the civil engineering profession. Amanda graduated summa cum laude with her bachelor's degree in civil engineering from the University of Southern California in May 2010 followed by a master's degree in civil engineering in December 2010. She was on the Dean's list from 2006 to 2010 and belonged to several college honor societies including the National Society of Collegiate Scholars (NSCS), Sigma Alpha Lambda, Chi Epsilon Civil Engineering Honor Society and Tau Beta Pi Engineering Honor Society. Amanda was an active leader in USC Student Chapter of the American Society of Civil Engineers (ASCE) as well as the Sigma Phi Omega Sorority Member where she served terms as Academic Chair, National Ambassador, and Treasurer.

She currently works as a project engineer for Fukunaga and Associates in Honolulu, Hawaii and is registered as a licensed professional engineer in both California and Hawaii. Amanda has worked on several major engineering projects including the West Maui Recycled Water Project (a project to develop a pressurized recycled water system for Lahaina) and the Ala Moana Pump Station Force Mains #3 and #4 Project. She assisted in the design of many artificial turf athletic fields, including fields for



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2019 STUDENT ENGINEER OF THE YEAR

SASHA S. YAMADA

The 2019 HCES SEOY award goes to Ms. Sasha S Yamada of the Electrical Engineering Department, College of Engineering (CoE), University of Hawaii at Manoa (UHM) and is expected to graduate with a BS EE, specialization in electrophysics, in the Spring semester of 2019 with an overall GPA of 3.93/4.00. Sasha is a proud 2015 Kahuku High School graduate who is a first-generation college student.

Within Sasha's first month of enrolling at UHM, she joined the Liquid-Metal Electronics team. Within this team, she has investigated the feasibility of using liquid metal to create reconfigurable circuits which has given her the opportunity to work against the force of gravity. The liquid-metal pixel was later used in the design of a frequency-reconfigurable dipole, which Sasha fabricated the prototypes and tested. Her contributions to this project secured her a place as second author of another paper in the *International Journal of Antennas and Propagation*.

Outside of UHM, Sasha has dedicated her summers to pursuing state-of-the-art technical experiences. In 2016, she was selected as a Nakatani Research and International Experiences for Students (RIES) Fellow and spent 12 weeks doing nanomaterials research at The University of Tokyo under the advisement of Prof. Yoshihiro Iwasa. As a rising sophomore at the time, this experience introduced her to advanced topics like condensed matter physics and 2D material synthesis. It also taught her how to navigate situations involving cross-cultural communication and gave



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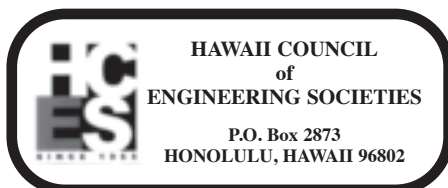
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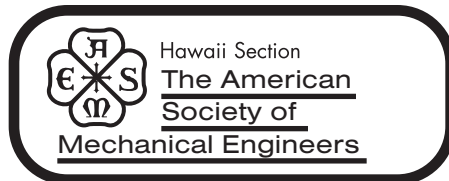
Additions and/or corrections to the Wiliki mailing list should indicate the proper society, institution or association. Corrections to email addresses should be submitted to your society coordinator.

HOME PAGE: hceshawaii.org
EMAIL: hcesorg@gmail.com**2018-2019 OFFICERS**

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2007 MATHCOUNTS State competition, ASME steering committee members L-R: Ronald Flegal and Chester Kaitoku

www.asme-hi.com**ASME-HI 2018-2019 Officers**

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	Froilan.B.Garma@jci.com	
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	dangk001@hawaii.rr.com	
Past-Chair	Derek Sato	
	derek.sato@hawaiianelectric.com	
HCES Rep:	Froilan Garma	

NEXT ASME-HAWAII GENERAL MEMBERSHIP MEETING

Date: Date yet to be determined)

Time: from 5:30 pm to 6:45 pm

Place: Johnson Controls, 420 Waiakamilo Road (map and parking instructions found on the Hawaii Section website)

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.

2019 MATHCOUNTS OAHU CHAPTER COMPETITION

The Oahu Chapter Competition will be held on Saturday, February 9, 2019, at Kamehameha Schools. MATHCOUNTS in Hawaii has been sponsored by the Hawaii Society of Professional Engineers (HSPE) since 1984. Competing are 27 middle schools with 241 students. Hawaiian Electric Company is a major financial sponsor, and Kamehameha Schools has for many years provided their Kalama Dining Hall facilities as the competition site. Many Engineers believe that MATHCOUNTS is an Engineers Week activity, besides the luncheon, banquet, and displays, since it usually occurs around that week, and because it is sponsored and organized by engineers.

As we approach MATHCOUNTS' 36th Oahu Chapter competition, we look back and recall ASME Hawaii members' involvement with the competitions, as steering committee members, test moderator, scorers and proctors. Many had dedicated years to Hawaii MATHCOUNTS but eventually retiring for one reason or another.

As a veteran Hawaii MATHCOUNTS Steering Committee member (second longest serving), I can look back and remember the ASME-HI members I knew personally who were active helping with the competitions. Chester Kaitoku (past-chair) and Dr. Dean Kihara (UHM DME), were on the committee before I came along. Both were responsible for proctoring. Both passed away while still involved with MATHCOUNTS. Along comes Guy Pasco (past-chair) who has been taking care of the placement of the students for close to 20 years. Guy is still doing MATHCOUNTS and will be at the 2019 competitions. A former steering committee member is Ronald Flegal (retired professor

from Leeward CC) who recently resigned from the committee, but shows up at the competition to help with proctoring. Member Nathan Yuen was a HSPE coordinator for Hawaii MATHCOUNTS for over twelve years before his passing in 2018. Starting this year HSPE's Nhut Pham takes over as the coordinator.

When the competition was held in the Kamehameha Schools old Kalama Dining Hall, James Grogan (past-chair) was the test moderator due to his clear and authoritative voice. James also helped with the proctoring after stepping down as moderator. Many members dedicated a Saturday morning scoring the test/answer sheets. They included Dr. Charly Kinoshita (UHM DME) and Raymond Liu, both past-chairs, and Roman Reyes. MATHCOUNTS has been and continues to be an ASME-HI annual section activity.

-Ed Chang

**HAWAII CHAPTER OFFICERS**

President: Robert Bigtas
Coffman Engineers
bigtas@coffman.com
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Director: Mel Harano
Thermal Engineering Corporation
Director: Bob Lohaus

FIRE & LIFE SAFETY DESIGN OF VERY TALL BUILDINGS and UNDERSTANDING HUMAN BEHAVIOR IN FIRES

The Hawaii Chapter of the Society of Fire Protection Engineers is sponsoring these two excellent one-day seminars through a special arrangement with the International Society of Fire Protection Engineers. We expect this seminar to sell out quickly.

Sponsored by: Hawaii Chapter, Society of Fire Protection Engineers

Date & Time:

Tall Buildings - Tuesday, February 12, 2019, 8:00 AM - 4:00 pm

Human Behavior - Wednesday, February 13, 2019, 8:00 AM - 4:00 p

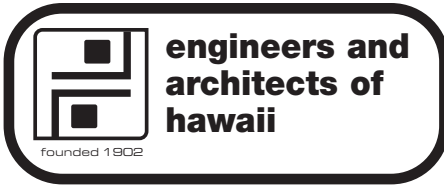
Location: Hale Ikena, Fort Shafter Golf Clubhouse

Cost: \$200

For information contact: Sam Dannaway, Program Chairman

Hawaii Chapter SFPE, Tel: (808) 526-9019/
Email: dannaways@coffman.comONLINE REGISTRATION & PAYMENT AVAILABLE
AT <http://sfpehawaii.memberlodge.org>

Deadline for
Wiliki
is February 15th



PO. Box 1901, Honolulu, HI 96805-1901
An association for Hawaii's Engineers and Architects
WEB address: www.eahawaii.org

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2019 February EAH Program

Program Chair: Martin McMorro – Past President

Friday Feb 1st: Speaker: Kim Falinski PE, Phd Hawaii Nature Conservancy. Title: "Restoring an Estuary"

The Hawaii Nature Conservancy along with a significant number of other institutions are putting in an enormous effort to restore O'ahu's He'eia ahupua'a. Kim will share with us the work accomplished to date and the engineering challenges ahead before fresh clean water will again flow from the Ko'olau Mountains thru kalo fields and under one of the island's oldest reinforced concrete bridges into the restored He'eia fish pond and on to the sea.

Friday Feb 8th: No Meeting

Friday Feb 15th: No Meeting Presidents Day Holiday

Friday Feb 22nd: Speaker: Burl Burlingame, Pearl Harbor Aviation Museum. Title: "Building NAS Ford Island"

Join the EAH and Burl Burlingame, the premier historian of Navy history in Hawaii, as he takes us thru the fascinating story of Pearl Harbor's Ford Island. We will see how it went from being a Hawaiian fertility ritual site to the US Navy's most important Naval Air Station west of the continental USA.

Past EAH Meetings:

Dec 14, 2018 Meeting: Speaker: Dora Nakafuji PhD, Strategy & Innovation – Kamehameha Schools. Subject: "United Nations' Sustainable Development Goals and Hawaii's Role"

Dora explained the 17 Sustainable Development goals the United Nations has adopted to transform our World. She explained each goal. The goals are: The 17 sustainable development goals (SDGs) to transform our world: GOAL 1: No Poverty; GOAL 2: Zero Hunger; GOAL 3: Good Health and Well-being; GOAL 4: Quality Education; GOAL 5: Gender Equality; GOAL 6: Clean Water and Sanitation; GOAL 7: Affordable and Clean Energy; GOAL 8: Decent Work and Economic Growth; GOAL 9: Industry, Innovation and Infrastructure; GOAL 10: Reduced Inequality; GOAL 11: Sustainable Cities and Communities; GOAL 12: Responsible Consumption and Production; GOAL 13: Climate Action; GOAL 14: Life Below Water; GOAL 15: Life on Land; GOAL 16: Peace and Justice Strong Institutions; GOAL 17: Partnerships to achieve the Goal. She then asked each person to pick which goals they

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2019 Engineers Week Banquet

Saturday, February 23, 2019

Grand Ballroom at the Koolau Ballrooms & Conference Center

5:30 p.m. Cocktails

6:30 p.m. Dinner

7:15 p.m. Program:

- Presentation of Engineer of the Year, Young/Early Career Engineer of the Year, HCES Lifetime Achievement, and Student Engineer of the Year Awards.
- Guest Speaker – Bob Sigall
- Installation of 2019 HCES officers.

Contact Person and Organization _____

Address _____

Telephone _____ E-mail _____

Rates are \$60.00 per person for registration(s) postmarked on or before February 1, 2019, \$70.00 per person for registration(s) postmarked after February 1, 2019, and \$40.00 for students. Tables will seat 8 people. **Registration deadline is February 8, 2019.**

HCES has invited special guests to attend the banquet. These guests may include the Governor, Mayors, State Legislators, Governmental Department Directors, and/or their representatives.

If you would like to sponsor an invited special guest and their spouse/companion to sit at your table, please fill in "HCES Special Guest" for two seats in the list below and HCES will assign a special guest and their spouse/companion to your table. Alternatively, if you would like to arrange for your own special guest(s), please include their name(s) in the list below.

Please type or print the name and company/organization affiliation for each attendee, as they would like it to appear on their name tag.

Name	Company or Organization
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____
6. _____	_____
7. _____	_____
8. _____	_____

Number of people attending: _____ x \$60.00 (registration on or before Feb 1) = _____

Number of people attending: _____ x \$70.00 (registration after Feb 1) = _____

Number of students attending: _____ x \$40.00 = _____

Sponsored Guests (2 x \$60.00 = \$120.00) = _____

TOTAL AMOUNT REMITTED

To pay by check, Please make checks payable to "HCES" and mail with completed registration form to:

2018 Engineers Week Banquet
 c/o Donna Kishi
 Norman S. Wright
 Precision Environmental Division
 94-449 Koaki St
 Waipahu, HI 96797

No refunds. No shows will be billed.

Banquet attire will be aloha wear. There is no charge for parking. For further information or inquiries regarding the Banquet, please contact 2019 Registration Coordinators Clifford Lum at clum@ascehawaii.org and Lara Karamatsu at lkaramatsu@ascehawaii.org.



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

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Director,	
Pacific Industry	
Forum	LT Humberto Baeza, USN
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Readiness	Lance Lum
Director,	
Scholarship	Jennifer Louie
Director,	
Small Business	Cecil "Chip" Brown

**January 9, 2019 Lunch Meeting
Presentation**

Topic: Finegayan (Guam) Utilities and Site Improvements Phase I Project

Synopsis: This ongoing project in support of the U.S. Marine Corps (USMC) relocation from Okinawa to Guam will provide a glimpse into the project's progress to date, list of technical challenges and solutions, and shed light on some of the unique elements to construction on Guam. This design-build project awarded to "Granite Obayashi a Joint Venture" is a 520 acre clearing, utility and earthmoving project, which will be the future USMC base on Guam. This schedule sensitive project has international attention and is an exciting program to see gain momentum.

Presenter: Kevin Kruger is a Program Manager for Granite's Guam Operations and the current Senior Project Manager running the Finegayan Project. He has 18 years of construction experience managing project from Oregon, Washington, Oregon, Alaska, and Hawaii. He has worked for Granite for 12 years and has been based on Guam for 5 years. Kevin has a degree from Albion College with a concentration in Economics and Management. He is a PMP and recently received his CHST.



Society of
SAME
American Military Engineers
Honolulu Post



**The Society of American Military
Engineers, Honolulu Post
and
The Hawaii Council of Engineering Societies**

cordially invite you to join us for the

**2019 ENGINEERS WEEK
"KICK-OFF" LUNCHEON**

Guest Speaker:

**Major General Susan A. Davidson, U.S. Army
Director, J4 Logistics, Engineering and Security
Cooperation Directorate**

U.S. Indo-Pacific Command

Presentation:

USINDOPACOM Priorities for 2019

**Hale Koa Hotel, Banyan Tree Showroom
11:30 AM, Tuesday, February 19, 2019**

Warrior Buffet Luncheon Cost: \$45.00

PLEASE RSVP NLT: Wednesday, February 13, 2019

Payment Method:

Please visit the SAME Honolulu website to register with a credit card or PayPal. www.samehonolulu.org

Questions:

Please contact Kendra McDonough with any questions or concern.
kendra.mcdonough@navy.mil,
808.474.3486 (o), 808.265.0672 (m)



2018-2019 ASCE Hawaii Section Officers

President: Eric Arakawa, P.E.
email: earakawa@ascehawaii.org

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email: jkage@ascehawaii.org

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email: dnemoto@ascehawaii.org

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email: clum@ascehawaii.org

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email: rhashiro@ascehawaii.org

Immediate Past Pres: Lara Karamatsu, P.E.
email: lkaramatsu@ascehawaii.org

YMF President: Nicole Nakaoka, P.E.
email: nnakaoka@ascehawaiiyymf.org

EXECUTIVE COMMITTEE MEETING

Last held: Jan 3, 2019
Next meeting: Feb 7, 2019

ASCE HAWAII SECTION DINNER MEETING

There will be no dinner meeting in February.
Our next dinner meeting will be in March 2019. Check our website at ascehawaii.org for updates and an email will be sent out to membership with more information.

Committee Positions

ASCE Hawaii is looking for volunteers to fill the following committee positions: History & Heritage Chair, Advocacy Captain, Student Practitioner Advisor, and OahuMPO CAC Representative. If you are interested or have questions on any of these positions, please contact President Eric Arakawa, earakawa@ascehawaii.org.

MEMBERSHIP

If you haven't already done so, please renew your ASCE membership. You can renew your membership at www.asce.org.

ASCE JOB LISTINGS

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

- **Booz Allen Hamilton** (Senior Civil Engineer and Wastewater Specialist)
- **City and County of Honolulu** (Civil Engineer V (Geotechnical), Civil Engineer III, V, VII,



2018-2019 YMF Officers

Nicole Nakaoka, President
nnakaoka@ascehawaiiyymf.org

Kapiolani Street, Vice President
kstreet@ascehawaiiyymf.org

Carly Kaneko, Treasurer
ckaneko@ascehawaiiyymf.org

Claire Fukuoka, Secretary
cfukuoka@ascehawaiiyymf.org

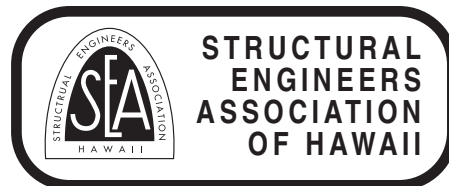
Jordan Urabe, Past President
jurabe@ascehawaiiyymf.org

YMF General Meeting

The next YMF general meeting is scheduled for Wednesday, February 6th, 2019 at 6:00 pm and the location is to be determined. If you are interested in attending and learning more about the various professional, social and service opportunities available through YMF, please contact YMF at yymf.hawaii@gmail.com.

Mechanical Engineer V)

- **HartCrowser** (Geotechnical Engineers – Principal Level & Project Level)
 - **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)
 - **Zane & Associates, LLC** (Facility Planners)
- For further information, please visit <http://www.ascehawaii.org/job-listings.html>.



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

2019 BOD OFFICERS AND DIRECTORS

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knakamoto@ssfm.com

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dannyf@nagamineokawa.com

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brent@iwamotolc.com

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Regan.kobayashi@englekirk.com

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Kainoa.aki@basf.com

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jillian@mkellc.com

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Brandi.castillo@navy.mil

Director (Yr 1): Kirk Hashimoto
kirk@ccpihawaii.com

Past President: Jeoffrey Cudiamat
jcudiamat@structuralhawaii.com

PREVIOUS BOD MEETING

January 16, 2019

General Membership Meetings/Technical Seminars/Events

For all events see seaoh.org or look for email flyers for registration.

- **HCES Engineering Week** – February 17-23, 2019. We're looking for volunteers to man the SEAHOH booth at the Windward Mall event on February 18, 2019. Please contact Kevin Nakamoto at knakamoto@ssfm.com.
- **NCSEA Webinar** – February 27, 2019. Assessment of First Generation Performance-Based Seismic Design Methods for New Steel Buildings. Please contact Kevin Nakamoto at knakamoto@ssfm.com.
- **ASCE-SEAHOH Joint Dinner Meeting** – March 14, 2019. Palu Earthquake and Tsunami and Sunda Strait Tsunami presented by Dr. Ian Robertson. Please contact Kevin Nakamoto at knakamoto@ssfm.com.

SEAHOH Young Member Group

The SEAHOH young member group is looking for volunteers to participate in the EAA Student Impact Project. It involves teaching High School students basic Structural Engineering principals through a set curriculum and interactive activities. Please contact Kevin Galvez at seaoh.yymg@gmail.com for more information.

Next Meeting on February 6, 2019. For information, contact SEAHOH President; Kevin Nakamoto knakamoto@ssfm.com



2018-2019 Officers

President: Roger Babcock Jr
rbabcock@hawaii.edu

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jbaker@honolulu.gov

Nat. Delegate: Sheryl Nojima
snojima@grayhongnojima.com

Deleg-at-Lrg: Lance Manabe
lmanabe@fukunagaengineers.com

NEXT EXECUTIVE COMMITTEE MEETING

February 21, 2019, 4:00pm, Hawaii Convention Center, Room 311

6th ANNUAL PACIFIC WATER CONFERENCE

Sponsors: HWEA and AWWA
Dates: February 19-21, 2019
Location: Hawaii Convention Center
Program:
Tuesday – Pre-conference workshops (4 tracks)
Wednesday and Thursday – Five tracks of presentations, exhibits, Ops Challenge, Pipe Tapping, Top Ops, including lunch
Friday – annual golf tournament
Saturday morning – community service event
For additional information and on-line registration, please visit the HWEA website: www.HWEA.org.



2018-2019 ITE Officers

President: Claire Fukuoka
cfukuoka@atahawaii.com

Vice Pres.: Cristina Rodriguez
crodriguez@atahawaii.com

Sec./Treas.: Jennylin Tapat
JTapat@wilsonokamoto.com

February Meeting Announcement

Please join us at our next meeting to hear a presentation from Ed Sniffen, Highways Division Deputy Director from the State of Hawaii Department of Transportation. Presentation Topic: Pursuing Infrastructure Improvements with High ROI

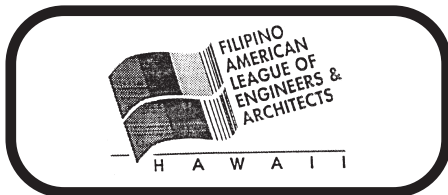
Date: Thursday, February 7, 2019

Time: 11:45 AM – 1:00 PM

Location: Department of Transportation Building

Media Center (Room 112)
869 Punchbowl Street, Honolulu

Cost: \$10 for ITE members;
\$12 for non-members;
\$8 for students



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

2017-18 Officers/BoDirectors

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Belinda P. Tegui
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FALEA's 25th Anniversary Celebration

A very successful Filipino American League of Engineers and Architects (FALEA) 25th Anniversary celebration was held at Pomaikai Ballrooms at Dole Cannery on November 3, 2018. The most Honorable Governor of Hawaii, Governor David Y. Ige, was honored as an Outstanding Public Official for his public service and inducted as an honorary member of FALEA. Other distinguished guests included City Councilman Joey and Mrs. Manahan and the State of Hawaii Director of Transportation, Mr. Jade T. Butay. Governor Ige presented all past-Presidents of FALEA with a Certificate of Recognition signed by the new elected President Ferdi B. Guinto and by the Governor of Hawaii. The celebration included the awarding of 11 scholarships and the Induction of Officers and Directors.



FALEA President Ferdi Guinto and FALEA Secretary Majella Stevenson present Governor David Ige the Outstanding Public Official Award.



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<http://cmaahawaii.org>

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CMAA Hawaii Chapter News:

Aloha CMAA Hawaii!

At our January luncheon, Terence Young and Paul Belshoff of Rider Levett Bucknall spoke about construction industry trends locally and nationally in 2019 and beyond.

Next CMAA pau hana will be held on 2/28/19 at Taps and Apps in Mililani. Be on the lookout for email sign ups. As usual, it should be a lot of fun.

CMAA mini conference will be held in May at Koolau Ballrooms. We are fortunate to have Andrea Rutledge/CMAA President speaking at the mini conference.

Be on the lookout for our next community service project. Date and time to be announced.

As shared in the past, 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>.



ACEC Hawaii
Website: www.acechawaii.org

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EAH, from Page 3

believed should have the highest priorities.

January 4, 2019 Meeting: Speaker: Kenton Beal, Executive VP Enpro. Subject: "Environmental Concerns during Building Renovations"

Ken briefed EAH members and guests on what to look for or plan for on renovation projects for buildings or homes. Most people are aware of mold, lead and asbestos in older structures, but even new structures can contain these hazards. Asbestos can still be used in floor tiles, mastics, roofing shingles, gaskets, drywall joint compound. Lead can also still be used in paints. So even for newer building one needs to look for these materials when renovations are planned. Ken explained the processes, regulations and government agencies that are involved. His main message is to consult with an expert to survey your building before you start renovations.



Honolulu City Council presents Certificate of Congratulations for 25 years of community service.

2019 HCES Lifetime Achievement Award, from Page 1

American Society of Civil Engineers, as well as a member of the Hawaii Leeward Planning Conference and American Council of Engineering Companies Hawaii. He was also an active member of the American Public Works Association, Water Environment Federation and the Hawaii Society of Professional Engineers.

Mr. Akinaka also served as a member of the State Board of Professional Engineers, Architects, Surveyors, and Landscape Architects where his assistance in assuring the high quality of engineers for the State of Hawaii was much appreciated. He is committed to mentoring young engineers in their career development by serving as a member of the University of Hawaii at Manoa Chancellor Hinshaw's Advisory Council, a member of the University of Hawaii College of Engineering Dean's Council, a board member of the University of Hawaii Na Koa Football Club, a member of the Board of Trustees for the University of Hawaii chapter of Chi Epsilon, the National Civil Engineering Honor Society.

Mr. Akinaka recognizes that he also has a social responsibility to his community and has unselfishly given his time and energy to organizations such as the Kalihi YMCA, the University of Hawaii, the Punahou School Alumni Association, and the Hawaii Island United Way, among others. Along the way, he has earned the respect, admiration, and appreciation of many in the community.

Mr. Akinaka serves as a shining example of what it takes to be a successful engineer and citizen.

2019 Engineer of the Year, from Page 1

annual Excellence in Teaching Award 3 times (most recently in 2018). He also won a Sustainability Teaching Award from UH Manoa in 2006. Dr. Babcock has taught every undergraduate CE major since 2002 how to do realistic civil engineering site development in his Capstone Senior Design Class (CEE 490). Dr. Babcock serves as the Civil Engineering Graduate Program Chair (2009-present), on the Manoa Graduate Council, and the UH Research Ethics committee; and previously on the Ethics Focus Board, the Manoa Faculty Senate, the CoE Senate, and the UHPA.

Dr. Babcock has served as President of the ASCE Hawaii Section in 2010-11 and in other roles for ASCE, including Environmental Technical Committee Chair, and EWRI World Congress Technical Program Chair. He is the

2018-19 President of the Hawaii Water Environment Association (HWEA) and is also the Research Committee chair. Dr. Babcock has provided many years of service for the wastewater treatment plant operators on all islands via the Wastewater Operator Board of Certification (BOC) and the Statewide Wastewater Operator Training Center (SWOTC). He has served on the BOC for 15 years including stints as Chair and Vice-Chair. Dr. Babcock has taught over 85 classes for the SWOTC in all counties and now serves as the SWOTC Director (2010-present). Roger is active in the community, serving as an elected member of the Mililani Town Association, as president of Aloha Aquatics Swim Team, as an assistant Scoutmaster for Troop 664, and as a member of the School Community Council for Mililani High School. Roger and his wife, Jill, have three sons, two of who are CE majors in Arizona and New Mexico, and one is in high school in Mililani.

2019 Young Engineer of the Year, from Page 1

the University of Hawaii, Pearl City High School, and Waipahu High School. Amanda is currently involved in the preparation of the Kauai Water Use and Development Plan, which will be a guide for the County in its planning, management, and development of land use and water resource strategies and policies. She has worked as a project engineer on the Kaanapali Resort R-1 Water Distribution System Expansion, the Hart Street Wastewater Pump Station Force Main Improvements in Honolulu, the Pearl City High School Track and Field Facility Improvements. Amanda designed the drainage for this project. This was one of the first projects in the office after the City and County of Honolulu's 2012 Storm Drainage Standards became effective. To meet the new drainage standards, Amanda designed a subsurface infiltration trench below the new synthetic turf field and completed the necessary documents. As the first engineer in the office to address the new storm water quality component of the standards, Amanda mentored others on how to meet the new standards. She assisted with preparation of the plans, specifications and permitting for Improvement projects to the Campbell High School Recrown Football Field, Athletic Track and Field Facilities.

Amanda is an active member of ASCE serving as the Hawaii Section Younger Member Forum (YMF) Awards Committee Co-Chair, served as 2012-2103 ASCE Hawaii Section YMF Treasurer, the 2013-2014 ASCE Hawaii Section YMF Secretary. She was the ASCE Hawaii Section YMF Vice-President from 2014 – 2015 and the

2015-2016 ASCE Hawaii Section YMF President. She has been the ASCE Hawaii Section YMF Website Chair since 2016. Amanda is the co-chair for the 2019 WRYMC annual leadership conference for young professionals that is typically attended by over 100 young professionals from ten states in the western regions. WRYMC, along with the Workshop for Section and Branch Leaders (WSBL) and the Workshop for Student Chapter Leaders (WSCL), make up the Regions 8 and 9 ASCE Multi-Regional Leadership Conference (MRLC). As a member of the Water Environment Federation (WEF) and Hawaii Water Environment Association (HWEA) since 2012, she served as the AWWA/HWEA Joint Young Professional (YP) Outreach Committee Chair from 2012-2017 and the Pacific Water Conference Publications Co-Chair since 2017.

2019 Student Engineer of the Year, from Page 1

her the opportunity to observe how culture can influence scientific perspectives. In 2017, she returned to Japan as a visiting undergraduate researcher at Tokyo University of Agriculture and Technology (TUAT), where she simulated optical confinement in silicon waveguides in the Shimizu Laboratory. In 2018, she interned in the Antenna Systems Department at The Aerospace Corporation in El Segundo, CA. There, she designed a wideband antenna for an RF-photonics transducer, and performed comprehensive literature reviews about deployable antennas and the effect of reentry plasma sheaths on RF communications.

Sasha has also been actively involved in student organizations and is currently Chair of the Institute of Electrical and Electronics Engineers (IEEE) Student Branch. Within this role she has prioritized hosting technical workshops to give students more opportunities to expand their technical skill sets. She is also a member of the Society of Women Engineers and the Delta Omega chapter of Eta Kappa Nu (the electrical engineering honor society). Sasha was also a member of the 2017 IEEE International Microwave Symposium Steering Committee and assisted in the organization of an all-women panel session with the theme of "Inspiring the next generation of women engineers." She has also served as a Student Representative on the Holmescoming Steering Committee for the past three years, where she was responsible for coordinating 150+ students to volunteer at the annual event.

After graduating from UHM, she intends to enroll in an Electrical Engineering PhD program to learn more about a field that has fascinated her for the past four years. Her ultimate goal is to stay in academia and become a professor. She hopes to promote the involvement of women and members of other underrepresented groups in STEM.

Professional Directory

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