

## Continuing Education for Professional Engineers

Continuing professional development is part of the code of ethics for membership of the American Society of Civil Engineers and other engineering societies. In addition to maintaining ethical standards, continuing education is essential in fulfilling the primary mission of engineers to provide health, safety and welfare to the community by maintaining engineering competency in a constantly changing professional environment. While engineering degree programs are often becoming increasingly generalized, the practice of professional engineering is becoming increasingly technical and specialized. The gap in technical specialist education needs to be filled with post-graduate continuing education.

As part of our code of ethics, almost all professional engineers will agree with the need to engage in continuing education in one form or another. The more pertinent question is whether documented continuing education should be a required part of maintaining professional licensure.

The American Society of Civil Engineers believes that documented continuing education should be a requirement for professional engineers and has engaged in a national initiative for implementation. Documentation provides uniformity of continuing professional development requirements among licensing jurisdictions. It also clearly defines the basic continuing education responsibilities for new professional engineers.

Currently 41 states have enacted continuing education requirements, leaving Hawaii one of only nine states that have not enacted requirements, with many of those nine states currently engaged in discussion for implementation in the near future. There is an expectation that in the future, in order for engineers to transfer a professional licensure between states, continuing education will need to be one of the requirements in the original state of licensure. In the other professional fields, the American Institute of Architects, along with medical, dental, pharmaceutical, accountancy, insurance, legal and other board certified professionals all have documented continuing education requirements in Hawaii.

The Hawaii Section of the American Society of Civil Engineers conducted a survey of its members and found that the majority of respondents favored enactment of a documented continuing education requirement and approved a resolution in support. ASCE proposed to the Board of Professional Engineers, Surveyors and Landscape Architects that the

board considers documented continuing education as a condition for maintaining licensure. The Board advised ASCE that in order to proceed it would like demonstrated support from not just the civil engineering organization but also the other branches of engineering that represent a majority of the licensed professional engineers under the jurisdiction of the Board. The Structural Engineers Association of Hawaii is planning to survey its members in the near future in order to gauge support. The Hawaii section of ASCE has also approached other professional engineering societies for their opinions and support.

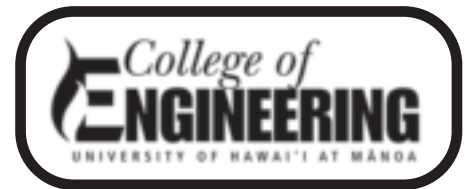
If the Licensing Board is to enact documented continuing education, what will be the conditions? A model proposed for Hawaii, similar to that used by most states, has the following basic requirements:

- Licensure shall require 15 Professional Development Hours (PDHs) per licensure year.
- PDHs must be relevant to the practice of engineering, and include technical, ethical, or managerial content.
- PDHs can be earned a variety of ways. Some examples include: college courses, participation in committees or professional or technical societies, seminars, workshops, teaching and in-house training.
- Individual Licensees sign an affidavit that they have completed the continuing education requirements during license renewal every two years.
- Licensee is responsible for maintaining records. Typically, the state may conduct random audits.
- State Licensing Board determines the effective date to accumulate PDHs. Typically, a grace period of one licensing cycle is allowed.
- There are special dispensations for military deployment, retirement, illness or disability over a period of time, or other demonstrable undue hardship.

These basic requirements are designed to provide flexibility in the completion of continuing education requirements while more clearly defining the minimum expectation for licensed professionals. The absence of the requirement to submit individual PDH documentation to the Licensing Board, as required in a few states, minimizes the documentation burden on individuals and administrative burden on the Licensing Board. It essentially relies on an honor system for documentation, which is consistent with the current ethical standards for a licensed professional engineer.

Engineers are encouraged to engage in discussion surrounding documented continuing education within their own engineering societies, as a measure of support and to help shape conditions if it becomes a requirement of licensure. If you are a member of SEAOH, please complete the upcoming survey regarding the continuing education requirements.

ASCE has provided a position paper, which is available upon request, or please contact your member Board for more information.



2540 Dole Street, Holmes Hall  
Honolulu, Hawaii 96822

### UHM College of Engineering Deans and Chairs

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ME Chair	Mehrdad N. Ghasemi Nejhad
HCAC Director	Magdy Iskander

It's time for **HOLMESCOMING**, Hawaii's premier "friendraiser" event. We're bringing our engineering community back to Holmes Hall at UH Manoa for a casual evening of great food, drinks, and entertainment. It's a terrific stress-free opportunity to catch up with old friends and make new ones.

### 9th Annual Holmescoming

Friday, September 23, 2016  
5pm to 8:30pm  
Holmes Hall, UH Manoa Campus  
Sponsorships: \$1,500 (\$739 tax deductible). Comes with 10 tickets)  
Individual Tickets: \$130 each (\$55 tax deductible)

Make checks payable to UHF/COE and mail to:

2540 Dole Street, Holmes Hall 240  
Honolulu, HI 96822  
Attn: Jean Imada  
For information, 956-5112



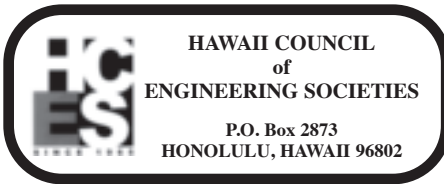
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**WILIKI MAILING LIST**

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>

**2016-2017 OFFICERS**

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**2016-2017 ITE Officers**

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[sara.t.okuda@hawaii.gov](mailto:sara.t.okuda@hawaii.gov)  
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Secretary/ Treasurer: Claire Fukuoka  
[cfukuoka@atahawaii.com](mailto:cfukuoka@atahawaii.com)

**TEACHawaii Envision Workshop Sustainability, Envision® and You**

**Speakers:**

**Douglas Sereno**, Director of Program Management, Port of Long Beach, California  
**Denise Nelson**, Vice President for Public Education, Envision, Institute for Sustainable Infrastructure

**Ross Sasamura**, Director and Chief Engineer, Department of Facility Maintenance, C&C of Honolulu

**Jason Brand**, President of Brand Industrial Group, Kunia Country Farms

**Amber Takenouchi**, Principal and Director of Engineering, Blue Ocean Civil Consulting

**Program:**

In light of changing environmental, social and financial conditions, engineers can no longer rely on the standards of the past to responsibly address the conditions of the future. At this workshop, participants will discover Envision®, a tool that can help our engineers and our society make responsible decisions throughout the entire life of a project that will help to improve its sustainability and our future.

Attendees of the optional afternoon session will experience Envision® by rating the Kunia Country Farms Envision® award winning project.

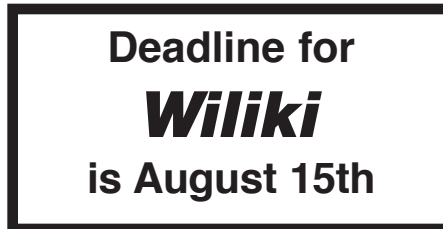
**Date:** Monday, August 29, 2016  
**Location:** Pearl County Club, Room 1  
**Time:** 8:00 a.m. Breakfast  
8:30 a.m. Morning Session  
11:45 a.m. Optional Afternoon Session  
1:30 p.m. End of Workshop

**Costs:** General Public:  
\$50.00 Morning Session  
\$75.00 Both Sessions  
High School and College Students:  
\$30.00 Morning Session  
\$50.00 Both Sessions

Please go to [www.teach160829.eventbrite.com](http://www.teach160829.eventbrite.com) to register. Payment can be made by check or credit card. Sign-up deadline is Thursday, August 18, 2016.

Questions - please contact Jon Young at 808.754.2931 or by email at [teachawaiienvision@gmail.com](mailto:teachawaiienvision@gmail.com).

This is a joint ASCE, APWA, ACECH event.



President Nita Wolfgramm welcomed everyone to the ITE Annual Hawaii Section meeting at the Plaza Club Ballroom held on June 22nd. Vice President Sara Okuda then introduced Chris Clark from the Oahu Metropolitan Planning Organization, who spoke on the Oahu Regional Transportation Plan (ORTP) 2040. Cathy Leong, Western ITE District President, then announced and swore in the new 2016-2017 ITE Hawaii Section Officers:  
President: Sara Okuda, Vice President: Chad Kadokawa, Secretary-Treasurer: Claire Fukuoka.



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

**HSPE Officers, 2016 to 2017**

President: Mike Silva, PE, LS, LEED AP  
[mike@femaui.com](mailto:mike@femaui.com)  
President Elect: Mike Kamaka, PE  
[mkamaka@bowersandkubota.com](mailto:mkamaka@bowersandkubota.com)  
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[mlum@bowersandkubota.com](mailto:mlum@bowersandkubota.com)  
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Treasurer: Kurt Kunimune, PE  
[kkunimune@bowersandkubota.com](mailto:kkunimune@bowersandkubota.com)

During the week of June 20, 2016, the Professional Engineers Conference was held in Dallas, Texas. HSPE was well represented by Past President Curtis Beck, President Mike Silva, President Elect Mike Kamaka, and House of Delegates Representative Majella Stevenson.

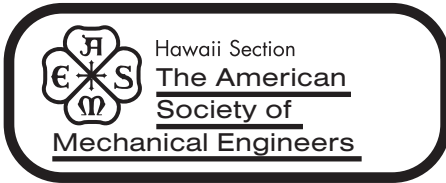
The conference was a successful partnership between NSPE and the Texas Society of Professional Engineers with over 500 members attending. The conference included educational/ leadership seminars, workshops, and forums. The keynote speech was by former shuttle astronaut Dr. Nancy Currie-Gregg. The conference was appealing in that the delegates were not focused on "governance" issues but more meaningful discussions about membership recruitment, licensure advocacy, promotion of ethics, and continuing the "Race for Relevance" planning of the future NSPE.

**Other items of note from the NSPE Update – News for the NSPE Community, July 2016:**

1) NSPE invites members to join with the Society and other engineering organizations to celebrate the first-ever Professional Engineers Day on Wednesday, August 3.

The date for the event was chosen as a nod to the first professional engineer license issued in the U.S. - given to Wyoming engineer Charles Bellamy in August 1907. Throughout the day, NSPE and other engineering organizations will celebrate and showcase the work of professional engineers over social media.

2) NSPE's sustained advocacy for increasing the role of the professional engineer at the federal level is paying off. The Society recently commended the Environmental Protection Agency for recognizing the need for licensed engineers to be in responsible charge on all engineering projects, both in an independent third-party capacity as well as in an in-house role. In a final rule addressing emissions standards in the oil and gas sector, the EPA acknowledges that PEs, whether independent or employees of a facility, will uphold the integrity of their profession and only certify documents that meet the prescribed regulatory requirements. The agency believes that the integrity of both the professional engineer and the oversight of engineering licensure boards are sufficient to prevent any abuses. In a letter to EPA Administrator Gina McCarthy, NSPE applauded the agency for providing a model that the Society strongly advocates should be adopted by all other federal agencies.



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

#### ASME-HI 2015-2016 Officers

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	<a href="mailto:Derek.sato@hawaiielectric.com">Derek.sato@hawaiielectric.com</a>	
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	<a href="mailto:dangk001@hawaii.rr.com">dangk001@hawaii.rr.com</a>	
Past-Chair	Kory Ikeda	
HCES Rep:	Derick Kam	
Alternate:	Derek Sato	

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

Date: August 2016 (exact date not set yet)  
 Time: 5:30 pm to 7:00 pm  
 Place: HECO Ward Ave Cafeteria Conference Room

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 for directions and for more information, such as parking within Hawaiian Electric's Ward Avenue facilities.

#### HAWAII SECTION PLANS FOR REST OF 2016

The July 2016 meeting was cancelled and rescheduled for August 2016. A final 2016 meeting is planned in October. The Hawaii Section will have the final months of 2016 off, reconvening in January 2017 to plan for Engineers Week activities.

Our Honors & Awards Committee is seeking nominees for the Engineers Week awards, including Lifetime Achievement Award, Engineer of the Year, and Young Engineer of the Year. The nomination forms are usually required by HCES and HSPE about mid-December the year before. The due date has not been set yet. ASME-HI members, please email Ed Chang, [change025@hawaii.rr.com](mailto:change025@hawaii.rr.com), for leads or suggestions.

#### 2016 RAYTHEON MATHCOUNTS NATIONAL COMPETITION

For those who follow MATHCOUNTS, but not that closely, the 2016 National Competition was held May 9, 2016 in Washington, D.C. The Hawaii team competed, however, did not place in the top 25% individual standings and top 50% team standings, which are the only information released to the general public. This information is found on the MATHCOUNTS website.

The archived version of the 2016 Raytheon MATHCOUNTS National Competition webcast is supposedly still available on ESPN3, who had broadcast the competition similar to a sporting event


Students enrolled in the sixth, seventh or eighth grade are eligible to participate in the MATHCOUNTS Competition Series. Participation in MATHCOUNTS competitions is limited to three years for each student.

Congratulations to all 224 national competitors from all 50 states, plus the District of Columbia, Puerto Rico, Guam, the Virgin Islands and schools worldwide affiliated with the U.S. Department of Defense and State Department.



#### HAWAII CHAPTER OFFICERS

President: Robert Bigtas  
 S.S. Dannaway Associates  
[rbigtas@ssdafire.com](mailto:rbigtas@ssdafire.com)  
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**HAWAII SFPE SEMINAR PRESENTATION**  
**2016 NFPA 72**  
**National Fire Alarm Code**

The **Hawaii Chapter of the Society of Fire Protection Engineers** is sponsoring this excellent three-day seminar through a special arrangement with the National Fire Protection Association.

Sponsored by: **HAWAII SFPE**

Date & Time: Three-day Seminar **Monday November 7 to Wednesday November 9, 2016**  
 8:00 AM - 5:00 PM each day  
 Registration on Monday is at 7:30 AM

Location: **Hale Ikena, Fort Shafter Golf Clubhouse**  
 Cost: **\$1295 per person.**

**The following discounts apply for registrations submitted before October 21, 2016**

- **\$1195** for SFPE Members and Chapter Friends
- **\$995** per person for organizations that send 3 or more persons

For information contact: Sam Dannaway, Program Chairman, Hawaii Chapter SFPE, Tel (808) 526-9019/Email: [dannaways@coffman.com](mailto:dannaways@coffman.com).

**ONLINE REGISTRATION & PAYMENT AVAILABLE AT**  
<http://sfpehawaii.memberlodge.org>

#### 2016 NFPA 72 NATIONAL FIRE ALARM CODE

This interactive, redesigned NFPA® seminar based on the 2016 NFPA 72: National Fire Alarm and Signaling Code covers the entire life cycle of fire alarm and signaling systems. Through an activity-rich curriculum, you'll learn about initiating devices, notification appliances, control units and power supplies, circuits and pathways, emergency control functions, and more.

The 2016 NFPA 72: National Fire Alarm and Signaling Code 3-day seminar maximizes its impact with a learning environment that encourages discussion. Sessions are taught by fire protection professionals and code authorities who understand how and why NFPA 72 addresses changing safety dynamics. Be ready to work with the 2016 Code, including a new chapter on documentation and other major revisions. The seminar contains the following learning modules:

- The Basics
- Initiating Devices
- Notification Appliances
- Control Units and Power Supplies
- Circuits and Pathways
- Emergency Control Function Interfaces
- Off-Premises Signaling
- Documentation and Planning and Approval
- Accepting/Commissioning Fire Alarm Systems

Seminar attendees will receive a copy of NFPA 72, seminar workbook, certificate of completion, and **2.1 ceu's**. The registration fee includes lunch each day.

**Instructor:** Ray Grill, PE, FSFPE, is a Principal of Arup and the leader of Arup Fire in the Americas. Ray has served on a number of NFPA technical committees and is currently on the NFPA 13 Correlating Committee, the Premises Security Committee (NFPA 730 & 731) and the Notification Appliances Technical Committee of NFPA 72.

**Location:** The seminar will be held at the Hale Ikena, the Golf Clubhouse at Fort Shafter, Honolulu, Hawaii. A map can be downloaded from the website at [www.sfpehawaii.org](http://www.sfpehawaii.org). Parking is available at no charge.

**Payment: FEE MUST ACCOMPANY REGISTRATION.** Registration and payment can be done online at <http://sfpehawaii.memberlodge.org>. Please register early as we expect this to be a very popular seminar. Cancellations will not be accepted after **October 28, 2016**. **No-shows will be billed for full attendance.**



P.O. Box 88840  
 Honolulu, HI 96830  
 Website: [www.acechawaii.org](http://www.acechawaii.org)

#### 2016-2017 Board of Directors

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 Director - Garret Masuda, Insynergy Engineering, Inc.  
 Director - Liana Choy, Sato & Associates, Inc.  
 Director - Paul Matsuda, Group 70 International

#### LETTER FROM THE ACECH PRESIDENT

*Written by Corey Matsuoka, P.E., PMP, LEED AP*

It feels weird to me to talking about a new year in July, but that is what it happens to be at ACEC Hawaii as our new board officially takes office July 1st.

With the New Year, comes new initiatives. For the first time, ACECH will be introducing an Affiliate Membership category. This new membership category will be open to firms that do not furnish consulting engineering services but rather provide services that are complimentary to services provided by Member Firms. By allowing these firms membership, we will continue to move closer to our vision to be the lead organization for improving the business practices and the business environment for our member firms.

Another new thing you'll see this year is breakfast meetings at the Pacific Club. We will try this until the end of the calendar year as an

*continued on page 7*



### 2015-2016 ASCE Hawaii Section Officers

President:	Ben Rasa, P.E. email: <a href="mailto:brasa@ascehawaii.org">brasa@ascehawaii.org</a>
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YMF Pres.:	Amanda Tanaka, P.E. email: <a href="mailto:atanaka@ascehawaiiyfmf.org">atanaka@ascehawaiiyfmf.org</a>

### AUGUST DINNER MEETING

Program: Transportation Sustainability: Hawaii  
Speaker: Ford N. Fuchigami, Director, Hawaii Department of Transportation

Synopsis: The Hawaii Department of Transportation is focused on sustainable transportation more than ever before to ensure efficient mobility of people and goods while enhancing environmental and economic prosperity. The state's objective is to be free of oil and achieve 100 percent clean energy usage by 2045. Improvements at our airports, harbors and highways are moving us closer to this goal. We continue to work on more innovative ways to provide new energy saving projects in our buildings, vehicles and operations.

Date: Tuesday, August 23, 2016

Location: Dave and Busters, Pa'ina Room (2nd Floor)

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 Kakanui Street, Honolulu, HI 96817, by Friday, August 12, 2016. Phone/email RSVP by Monday, August 15th, 2016, (808) 596-7790 or email at [eric.a@tlcghawaii.com](mailto:eric.a@tlcghawaii.com). No shows will be billed.

### CECAR 7

Registration for the CECAR 7 is now open. CECAR (Civil Engineering Conference in the Asian Region) is a major activity of ACECC (The Asian Civil Engineering Coordinating Council) held on a triennial basis. The conference runs from August 30 to September 2 at the Hilton Hawaiian Village. Visit their website to register now. <http://cecar7.org/registration/>. Advance registration rates are still available until August 9, 2016

### TEACH WORKSHOP

See announcement of page 2.

This is a joint ASCE, APWA, ACECH event.

### OCEA CALL FOR NOMINATIONS & AWARDS BANQUET ANNOUNCEMENT

The ASCE Hawaii Section seeks nominations for the 2016 Hawaii Outstanding Civil Engineering Achievement (OCEA) Awards, which honors the best and the brightest achievements within the local civil engineering industry. Various awards will be given to those projects that demonstrate innovative and outstanding civil engineering accomplishments by Hawaii's design and construction professionals. The categories are:

- Large Project (>\$10M)
- Medium Project (<\$10M but >\$2M)
- Small Project (<\$2M)
- Green Building Project
- Transportation Project
- Water/Wastewater/Environmental Project
- Building and Structural Systems Project
- Studies and Research Project
- Special Project
- Humanitarian Project
- International Project

Nominations are due Friday, August 5, 2016. Please contact Ben Rasa at (808) 218-6042 or by email at [brasa@ascehawaii.org](mailto:brasa@ascehawaii.org) if you have any questions. The OCEA Awards Banquet will be held on Friday, September 23, 2016 at The Pacific Club. More information on the banquet will be available later this month.

### GOLF TOURNAMENT

The 14th Annual Scholarship Golf Tournament in Honor of Steve Fong will be held on Friday, August 26, 2016 at Pearl Country Club. Deadline to register for the tournament is **August 12, 2016**. For more information, please contact Ms. Lori Fong at 955-4441, Ms. Emi Kiyoi at 382-6717 or visit our website at <http://www.ascehawaii.org/events.html>

### EXECUTIVE COMMITTEE MEETING

Last held: July 12, 2016  
Next meeting: Aug 3, 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.asce-hawaii.org/links.html> and click on ASCE National for complete details.

### ASCE HAWAII SECTION STUDENT SCHOLARSHIPS

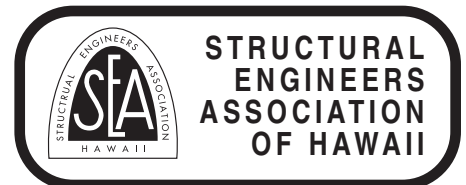
Please help us increase our scholarship endowment so that we can recognize deserving students. We continue to accept tax-deductible donations with the goal of increasing the annual scholarships. Make your check payable to 'ASCE Hawaii Section' and mail to: ASCE Scholarship Committee, P.O. Box 917, Honolulu,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

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PO BOX 3348, HONOLULU, HI 96801

Web Page URL <http://www.seaoh.org>

### 2016 BOD OFFICERS AND DIRECTORS

President	Jeffrey Hanyu <a href="mailto:jeffreyhanyu@allisonide.com">jeffreyhanyu@allisonide.com</a>	536-2108
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Treasurer	Kimberly Hoo <a href="mailto:Kimberly.hoo@englekirk.com">Kimberly.hoo@englekirk.com</a>	521-6958
Director (Yr 2)	Dennis Sakamoto <a href="mailto:dennis@tilecoinc.com">dennis@tilecoinc.com</a>	682-5737
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Director (Yr 1)	Ryan Lawton <a href="mailto:rlawton@histructures.com">rlawton@histructures.com</a>	208-1433
Past President	Fernando Frontera <a href="mailto:ffrontera@baseengr.com">ffrontera@baseengr.com</a>	781-2802

### PREVIOUS BOD MEETING

July 6, 2016

### General Membership Meetings/Technical Seminars/Events

For all events see [seaoh.org](http://seaoh.org) or look for email flyer for registration.

- SEAHO Golf Tournament – Hoakalei Country Club. October 21.
- General Membership Meeting – August. Date and venue to be announced.

### Scholarship

Applications are now being accepted for SEAHO scholarships, awarded to students entering or currently attending an accredited college or technical school. Applications must be postmarked by September 21. Please see the website for more information and application forms.

### New Member Applications

Applications for the following individuals have been received and are open for comments from the membership: Michael Wilda as a MEMBER, and Andy Truong as a student member.

### Nominations for 2017 SEAHO Board of Directors

WE WANT YOU! SEAHO is looking for enthusiastic members to participate in the stewardship of our organization. Please contact Fernando Frontera if you have interest or would like to nominate a fellow member to serve on next year's board (748-7028, [ffrontera@baseengr.com](mailto:ffrontera@baseengr.com)). We're actively seeking volunteers or nominees for Vice President, Secretary, Treasurer, and Director.

**Next Meeting** on August 3, 2016. For location, contact SEAHO President, Jeffrey Hanyu, [jeffreyhanyu@allisonide.com](mailto:jeffreyhanyu@allisonide.com).



Po Box 12204 Honolulu, HI 96828  
[www.uhalumni.org/eaauh](http://www.uhalumni.org/eaauh)

### 2016-2017 Officers

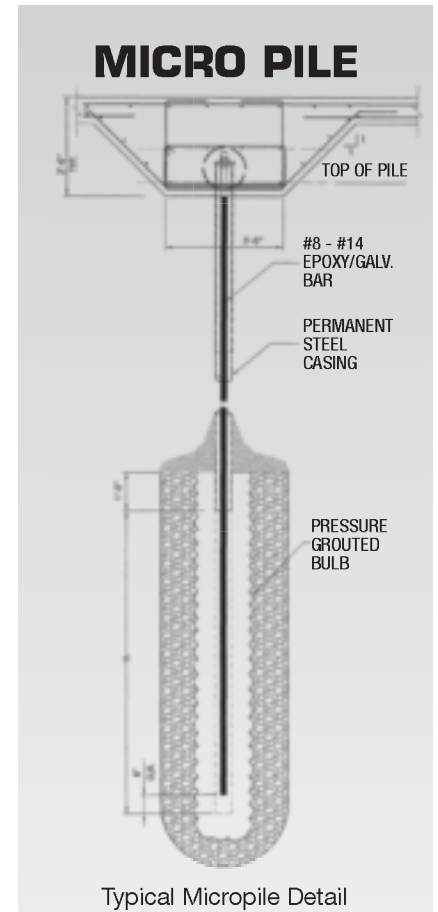
President	Neal Miyake
Vice Pres	Anthony Paresa
Treasurer	Dennis Toba
Secretary	Rodney Chong



# 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.



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- Cased or Un-cased Systems
- Hollow-bar Injection Anchors & Piles
- Atlas & Chance Helical Piers
- Remedial Underpinning
- Foundation Releveling
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- Soil Nails, Gunite
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- Compaction Grouting
- Uretex, 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.



**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](mailto:structurs001@hawaii.rr.com)

website: [WWW.SSIHAWAII.COM](http://WWW.SSIHAWAII.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, August 3, 2016 at 6:00 pm at TJ's Sports Bar & Grill. If you are interested in attending and learning more about the various professional, social and service opportunities available through YMF, please contact YMF at *yfm.hawaii@gmail.com*.

**ASCE YMF Outreach Event at Waolani Judd Nazarene School**

By Julie Hero, Outreach Chair

ASCE YMF had a blast helping with a Science Technology Engineering and Math (STEM) event at Waolani Judd Nazarene School in Nu'uuanu. On May 6th, members of ASCE YMF came out to support the school's first STEM night. These volunteers organized three experiments for the students. First, they helped students design boats out of saran wrap and straws in order to see which design could hold the most pennies. Next, the volunteers assisted students with building towers out of spaghetti strong enough to hold a marshmallow peep at the top. Lastly, students had a fun demonstration of a wastewater system and how it works. Along with the 50 students that attended the event, ASCE YMF was joined by many other volunteers from various organizations, who helped to organize other learning stations at the event. ASCE YMF would like to thank all those who come out and support these events! Feel free to contact Julie Hero at *jhero@ascehawaiiymf.org* if you would like ASCE YMF to help at one of these STEM events or if you would like to volunteer in the future.

**ASCE YMF Recruitment Social**

By Amanda Tanaka, ASCE YMF President

Sunday, June 5th was a nice, sunny day – the perfect day for a picnic at the beach. On this day, ASCE Hawaii YMF hosted a recruitment social at Kuliouou Beach Park. The purpose of the event was to inform potential new members about ASCE and YMF and to foster camaraderie. The 14 potential and active members in attendance had a great time getting to know each other and even playing a friendly game of football. Pizza was sponsored by the



Society, and additional refreshments were provided by YMF. Thank you to everyone who came out!

**ASCE YMF Softball Season Wrap-Up  
By Justin Nii, YMF Softball Chair**

ASCE YMF participated in the annual spring season of the mixed architect and engineer softball league. The softball league offers YMF members a great opportunity to get some exercise and socialize with one another outside of the typical office setting. We had a great turn out throughout the season's entirety. At the end of the season tournament on July 3rd at Kapiolani Park, the team finished in third place. Congratulations to all of the participants and we look forward to next season!



**ASCE, from page 4**

- 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.
- Construction Project Engineer - Jas W. Glover
- 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*.



**CMAA Hawaii Chapter**

<http://hawchapter.cmaa.org>

**2016 Hawaii Chapter Officers**

President: Bill Thornton (Ledcor)  
*President@cmaahawaii.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)

July saw our Chapter host another successful Bi Monthly Luncheon Program with Sam Carnaggio- Project Director for HART, giving us a "HART Update and CM possibilities" presentation.

Additionally, the momentum of the CCM certification continues to grow, as evidenced by the sellout of our Professional Construction Manager Training Course to be held at HCC on August 3-5, 2016. (If you are one of those who could not get signed up- please be aware that we will be holding another class in 2017).

Another important facet of expanding the role of the CM in Hawaii is the support of our next generation of Construction Managers. Your Hawaii CMAA Chapter has been very busy planning our Chapter's 6th Annual Golf Tournament which funds scholarships for our CM students as well as our chapter's yearly events and activities. This year's tournament has been confirmed for Sept. 30th at Coral Creek Golf Course in Kapolei. We look forward to seeing you there for another great tournament.

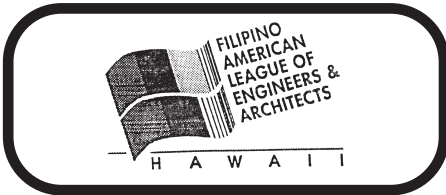
Please join us and be a part of our Ohana! Our chapter is here as a resource for **all** Construction Engineering and Management professionals, and the things that we do benefit not only our CM community but our larger Ohana as well.

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>.



**Hawaii Section 2016-2017 OFFICERS**

[www.aacehawaii.com](http://www.aacehawaii.com)  
President David Ladines  
Vice President Maelyn Uyehara  
Secretary Kristy Kastner, PSP  
Treasurer Chris Kanae



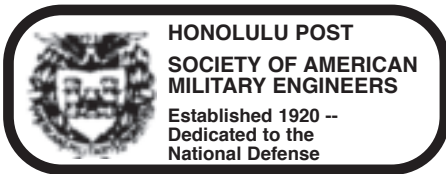
P.O. Box 4135, Honolulu, Hawaii 96812  
 Website: <http://www.falea.org>

**2014-16 Officers/BoDirectors**

President: Francisco T. Cruzata, AIA  
 VP/Pres-Elect: Gene C. Albano, Jr., PE, LEED AP  
 Secretary: Maritez A. Marquez  
 Treasurer: Riza Marie R. Gatdula, EIT  
 Ass't Treas: Belinda P.Tegui  
 Auditor: Ramon B. Bonoan, Jr., LEED GA  
 Bus. Manager: Ferdinand B. Guinto, PE  
 Press Rel. Off: John C. Ramos, PE, CSP  
 Past President: Jeffrey S. Cudiamat, PE  
 HCES Rep: Francisco T. Cruzata, AIA  
 Alternate: Gene C. Albano, Jr., PE, LEED AP

**July 2016 HIGHLIGHTS: BOARD MEETING** – Our General Assembly & Summer Picnic will be on Saturday, August 6, 2016 at the NavPac Ballpark off Pakini Street along Salt Lake Blvd., from 10AM to 4PM. It's a "potluck" with several board members committing themselves to bring some of the main dishes. So bring your favorite food(s) to share. Our President Frank Cruzata will take care of all the drinks and paper goods/supplies.

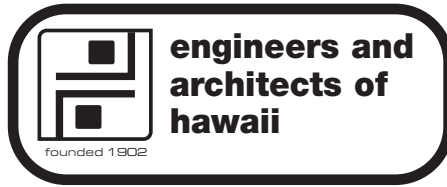
**HAVE A GREAT AND SAFE DAY FOLKS, & SEE YOU ALL AT THE PICNIC!**



P.O. Box 31218, Honolulu, HI 96817  
 Web page: [www.samehonolulu.org](http://www.samehonolulu.org)

**SAME Honolulu Officers**

President: Col Scott Warner, USAF  
 VP/Programs: Bryan Zachmeier, USAF (Ret)  
 VP/Sustaining Members: Will Boudra, PE, USN (Ret)  
 VP/Membership: Wesley Ishizu  
 Secretary: Capt Jonathan Polston, USAF  
 Treasurer: David Brothchie, PE  
 Reg. VP: Bill Grip, PE  
 Pacific Region Advisor at Lge: LTC William Hannan, USA  
 Army Advisor at Lge: CAPT Edward Sewester, USN  
 Navy Advisor at Lge: Col John Lohr, USAF  
 Air Force Advisor at Lge: LCDR Andrew Wright, PE, USCG  
 Coast Guard Advisor at Lge: Todd Barnes, PE, USA (Ret)  
 Civilian



**PO box 4353, Honolulu, Hawaii 96813**  
**An association for Hawaii's Engineers and Architects**  
**WEB address: [www.eahawaii.org](http://www.eahawaii.org)**

**EAH 2015- 2016 Officers**

President: Michael Albright, PE  
 1st VP: Sam Gillie  
 2nd VP: George Coates  
 Treasurer: Aaron Erickson, PE 591-2728  
 Secretary: Gary Yamamoto, PE 485-2777

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).

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.

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!!



Website: [hawaii.apwa.net](http://hawaii.apwa.net)

**2016 Officers**

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



**ACECH, from page 3**

attempt to make our meetings more accessible to our membership. We will re-evaluate this time and location after a few meetings, but in the meantime, please feel free to contact me to let me know what you think of this move.

We have more exciting things planned for this year and you can read all about them in future Wiliki articles. Happy New Year!  
 Corey Matsuoka, P.E., PMP, LEED AP  
 ACECH President (FY 2016-2017)

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<p>5" x 2" – (10□) \$64.00</p>	<p>2 5/16" x 2 1/2" (6□) \$40.00</p>	<p>7 1/2" x 5" – (37 1/2□) 1/2 page – \$240.00</p>
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The price for the ads will be based on a 1 1/4" x 2 5/16" module size which is 1/24th of the page, and be \$20.00 per month with a 15% DISCOUNT for a 6-MONTH RUN.

**Professional Directory**

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<p>WILSON OKAMOTO CORPORATION INNOVATORS - PLANNERS - ENGINEERS <a href="http://www.wilsonokamoto.com">www.wilsonokamoto.com</a></p>	<p>808.591.2728 <a href="http://www.wje.com">www.wje.com</a> Engineers   Architects   Materials Scientists Serving Hawaii and the Pacific Since 1979</p>	<p>Aloha 'Aina, 'Ike Honua Local Knowledge, Global Coverage <a href="mailto:honolulu@wspgroup.com">honolulu@wspgroup.com</a> <a href="http://www.wspgroup.com">www.wspgroup.com</a> 808.536.1757</p>	<p>YOGI KWONG ENGINEERS, LLC 677 Ah Moana Blvd., Suite 710 Honolulu, HI 96813 Tel: (808) 942-0001 <a href="http://www.yogikwong.com">www.yogikwong.com</a></p> <p style="font-size: small;">Geotechnical Engineering Trenchless Engineering Construction Management</p>

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

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<p> <b>BILLS ENGINEERING INC.</b> Civil Environmental Engineering Tel: 808.792.2022 Fax: 808.792.2033 1124 Fort Street Mall Suite 200 Honolulu, HI 96813 info@BillsEngineering.com</p>	<p> <b>BOWERS + KUBOTA CONSULTING</b> • Project Management • Planning • • Architectural/Engineering Design • Construction Management • 94-408 Akoki Street, Suite 201-A • Waipahu, Hawaii 96797 Phone: 808.836.7787 • Telefax: 808.834.4833</p>	<p> <b>Brown AND Caldwell</b> Environmental Engineers &amp; Consultants Maui - Honolulu brownandcaldwell.com</p>	<p> <b>COFFMAN ENGINEERS</b> LASTING creativity   results   relationships Multidiscipline Engineers www.coffman.com 851 Fort Street Suite 300 Honolulu, HI 96813 808.687.8884</p>
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<p> <b>Gray-Hong-Nojima &amp; Associates, Inc.</b> CONSULTING CIVIL ENGINEERS 801 Honolulu Street, Suite 900 Honolulu, Hawaii 96813 Telephone: (808) 521-0200 Fax: (808) 521-0201 email@grayhongnojima.com www.grayhongnojima.com</p>	<p> Honolulu 808.697.6200 Maui 808.359.2518 hdrinc.com</p>	<p><b>total POWER SOLUTION</b> 94-025 Farrington Hwy. Waipahu, Hawaii 96797 808/676-0205</p>	<p><b>HIDA, OKAMOTO &amp; ASSOCIATES, INC.</b> CONSULTING CIVIL ENGINEERS PACIFIC GUARDIAN TOWER 1440 Kapiolani Boulevard, Suite 1120 Honolulu, Hawaii 96814 Phone: (808) 942-0066 Fax: (808) 947-7546</p>
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