

Society of Women Engineers Host Wow! That's Engineering

The Society of Women Engineers (SWE) University of Hawaii Collegiate Section hosted the 7th annual Wow! That's Engineering! outreach event on March 14. The event was held at the University of Hawaii at Manoa Campus Center Ballroom and engaged 97 students along with parents and educators in hands-on activities.

The students were introduced to a diverse group of volunteer engineers, which included collegians and professionals, to help them learn about the opportunities in engineering and see the empowerment of diversity. The hands-on activities built on engineering skills such as team work and finding creative solutions to everyday problems. In post-event surveys collected, the majority of participants reported improvement in problem-solving, building and designing abilities, and knowledge of STEM. They also reported enjoying working with other girls and the mentors.

The event also engaged parents/educators in discussions on important topics regarding young students' STEM education and career paths. The parents/educators were able to quiz a panel of volunteers from the local professional section of SWE on the outlook of the profession and their experiences. They also were

continued on page 7



Parents and Educators weigh in during panel discussions.



WOW! That's Engineering! 2015 Volunteers



SWE – Hawaiian Island Section
P.O. box 61728
Honolulu, HI 96839
Swe.hisecion@gmail.com

Executive Committee:

| | |
|--------------------|-------------------------|
| President: | Alyssa "Sunshine" Smith |
| | CH2M HILL |
| Vice Pres.: | Chancy Hopper |
| | ArdentMC |
| Secretary: | Amy Weintraub |
| | Women in Technology |
| Treasurer: | Kristen Au |
| | Belt Collins |
| Charter Sec. Rep.: | Rena Chock |
| | HECO |



Not just for girls. SWE welcomes all for membership and most events are open to girls and boys.



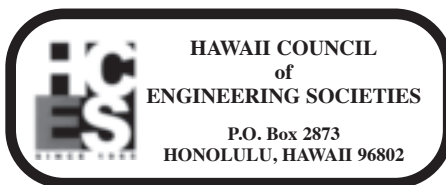
Published monthly by:

HAWAII COUNCIL OF ENGINEERING SOCIETIES

SERVICE PRINTERS, INC.
1829 Dillingham Boulevard • Honolulu, HI 96819
Telephone: (808) 841-7644 • Fax: (808) 847-1487
ADDRESS ARTICLES FOR PUBLICATION TO:
WARREN YAMAMOTO
1526-C Pukey Avenue • Honolulu, HI 96816
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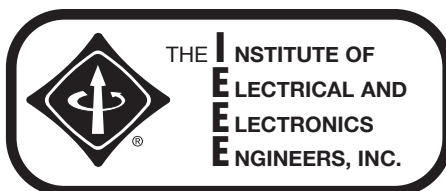
WILIKI MAILING LIST

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.

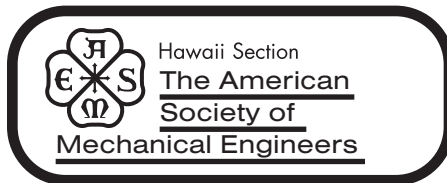
HOME PAGE: <http://hces.us>**2014-2015 OFFICERS**

Chair: Les Kempers
Chair-elect: Stephanie Doan
Secretary: Kristen Yosida
Treasurer: Joanne Hiramatsu

| SOC | Representative | Alternate |
|------------|-----------------------|------------------|
| AACE | J. Uno | |
| ACECH | K. Hayashida | |
| APWA | J. Hiramatsu | |
| ASCE | D. Barsana | R. Babcock |
| ASHRAE | P. Scott | |
| ASME | D. Kam | D. Sato |
| CMAA | C. Lum | |
| EAH | H. Wiig | |
| EWBH | W. Wong | N. Waters |
| FALEA | F.T. Cruzata | G. Albano |
| HSPE | M. Stevenson | K. Kunimine |
| IEEE | G. Torigoe | |
| ITE | W. Yamamoto | |
| SAME | B. Zachmeier | |
| SEAOH | A. Agapay | |
| SFPE | S. Dannaway | |
| SWE | C. Jow | |
| UHM CoE | S.K. Choi | |

**IEEE Hawaii Section****Hawaii Section Officers**

Section Chair: John Borland
Vice-Chair: Al Toda
Treasurer: Mark Rognstad
Secretary: Grant Torigoe

www.asme-hi.com**ASME-HI 2015-2016 Officers**

Chairperson: Derek Sato 543-4108
Derek.sato@hawaiianelectric.com
Vice-Chair: Derick Kam
derickFPE@gmail.com
Secretary: Victor Russell
dsaengr@aol.com
Treasurer: Kevin Dang 737-1708
dangk001@hawaii.rr.com
Past-Chair: Kory Ikeda
HCES Rep: Derick Kam
Alternate: Derek Sato

NEXT ASME-HAWAII SECTION GENERAL MEMBERSHIP MEETING

Date: Not scheduled yet. Our previous meeting was planned for June 24, 2015. On the agenda was Francis R. Montgomery Design Competition lessons learned, announcing the 2015-2016 Section Officers, and reviewing records left by Chester Kaitoku.

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

Place: HECO Ward Ave Cafeteria
Conference Room

Agenda: To be determined.

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.

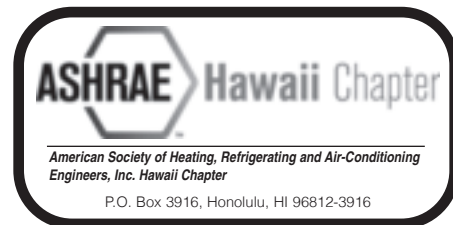
ASME HAWAII SECTION HISTORY

Last month we reported on the whereabouts of Frederick H. Kohloss, P.E., JD, and ASME Fellow. He's alive and living in Tucson, AZ.

This month we would like to write about Howard D. Hole, our sixth ASME Hawaii Section Chairman. There is scattered information about Mr. Hole. Howard D. Hole served as ASME-HI Chairman in 1959-1960. He was a charter member of HSPE in 1961 and was subsequently HSPE President. Howard was HCES Engineer of the Year in 1968. He was also ASHRAE Hawaii Chapter Charter Member in 1969.

His very brief obituary appeared in the Honolulu Star Bulletin in May 1997, which wrote that Howard Hole, retired mechanical and professional engineer passed away in Salem, Oregon, in April 1997 at the age of 76. The brief write up mentioned that Hole served as a radio operator and gunner in the U.S. Army Air Corps in World War II. He was a prisoner of war and received the Distinguished Flying Cross Air Metal. His company was Howard Hole & Associates Inc. The article did not mention any of his engineering accomplishments.

His ashes were scattered somewhere in Hawaii. He was survived by his wife Dorothy, son Howard D. Hole, Jr., and daughter Rhonda D. Wolter. Son Howard Jr. resides in Cincinnati, Ohio.

**Hawaii Section Officers 2015-2016**

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Vice Pres: Kevin Luoma, PE
Secretary: Mofazzal Mir, PE
Treasurer: Willie Diguc
Bd of Governors
William (Bill) Lee, PE
Lori Arakawa, PE
Ryan Chang, PE
Andrew Crossland, PE
Rudolph J. Ritter
Matthew Tio

Chapter Chairperson

Attendance and Reception:

Valerie Mencias

Chapter Technology Transfer:

Dean Borges, P.E.

Chapter Programs:

Lori Arakawa, P.E.

Rudolph Ritter

Refrigeration:

Richard Miller

Technology/Energy Awards:

Andrew Crossland, PE

Events and Activities:

Marites Calad

Grassroots Governmental Affairs:

Paul (Scotty) Scott

Historical:

William Lee, PE

Memberships Promotions:

Samantha Niver, P.E.

Matthew Tio

Newsletter Editor:

Kevin Luoma, P.E.

Research Promotion:

Ryan Ching, P.E.

Student Activities:

Daniel Murakami

Diamond Pedro

Technical Seminar:

Lori Arakawa, P.E.

Rudolph J. Ritter

Webmaster:

David Lebowitz

Young Engineers of ASHRAE:

Daniel Murakami

Diamond Pedro

**HAWAII CHAPTER OFFICERS**

President: Robert Bigtas
S.S. Dannaway Associates
rbigtas@ssdafire.com
Vice President: Derick Kam
Thermal Engineering Corporation
Secretary: Ferdi Guinto
Lohaus and Associates
Treasurer: Sam Dannaway
S.S. Dannaway Associates
Director: Mel Harano
Thermal Engineering Corporation
Director: Bob Lohaus
Lohaus and Associates



2014-2015 ASCE HAWAII SECTION OFFICERS

| Office | Name | Phone |
|----------------------|---|----------|
| President: | Glenn Miyasato, P.E. email: gmiyasato@ascehawaii.org | 488-7579 |
| President-Elect: | Benjamin Rasa, P.E. email: brasa@ascehawaii.org | 531-1308 |
| Vice President: | Timothy Goshi, P.E. email: tgoshi@kaihawaii.com | 791-3966 |
| Secretary: | Lara Karamatsu, P.E. email: lkaramatsu@ascehawaii.org | 566-2227 |
| Treasurer: | Eric Arakawa, P.E. email: earakawa@ascehawaii.org | 596-7790 |
| Immediate Past Pres: | Brian Enomoto, P.E. email: benomoto@ascehawaii.org | 388-5559 |
| YMF President: | Puna Kaneakua, P.E. email: pkaneakua@ascehawaii.org | 593-1116 |

JULY DINNER MEETING

Program: Civil Engineering an important part of our Sustainable Future

Speaker: Manfred Zapka, Ph.D., P.E., M-ASCE, ENV SP, LEED AP, Chair of the ASCE Hawaii Section Sustainability Committee

Synopsis: Civil engineers need to be prepared for the extraordinary changes taking place under which the projects they plan, design and construct are expected to operate. Civil engineers will be at the forefront of managing changes of how the world will be responsibly using our limited and critical resources and averting further degradation of ecological systems. The overuse of critical resources and the consequences of a stressed environment have been becoming apparent, expressed as shortages of fuels and fresh water, more frequent and intense storms, extended heat waves and droughts, record flooding, rising seas, forest fires, non-point source air and water pollution, and many more critical impacts on the environment and communities.

The presentation will introduce some important basic topics of sustainable engineering and infrastructure. The talk will provide guidance on how civil engineers can prepare themselves to stay well-informed and competitive in the face of increasingly demand for sustainable project delivery. The new sustainable infrastructure rating system ENVISION™ will be briefly discussed.

Date: Thursday, July 16th, 2015

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 Kanakanui Street,

Honolulu, HI 96817; by Tuesday, July 7th, 2015. Phone/email RSVP by Wednesday, July 8th, 2015, (808) 596-7790 or email at eric.a@tlcgohawaii.com. No shows will be billed.

2015-2016 HAWAII SECTION OFFICER ELECTIONS

Elections for the 2015-2016 Hawaii Section Officers will be held during the July 16th dinner meeting.

GOLF TOURNAMENT

The 13th Annual Scholarship Golf Tournament in Honor of Steve Fong will be held on Friday, August 28, 2015 at Pearl Country Club. Deadline to register for the tournament is August 14, 2015 (early registration closes July 17th, 2015). For more information, please visit <http://www.ascehawaii.org/events.html>.

EXECUTIVE COMMITTEE MEETING

Last held: June 2, 2015

Next meeting: July 7, 2015

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 Brian Enomoto at 388-5559, or benomoto@ascehawaii.org.

ASCE JOB LISTINGS

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

- Civil Engineer VI – City and County of Honolulu
- Civil Engineer IV – City and 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
- Electrical Engineer – Coffman Engineers
- Structural Engineer – Coffman Engineers
- Civil Engineer V – SSFM International
- Structural Engineer IV – SSFM International
- Architect (Design Engineer) – Bishop & Co.
- Civil Engineer (Design Engineer) – Bishop & Co.
- Structural Engineer (Design Engineer) – Bishop & Co.
- Mechanical Engineer (Design Engineer) – Bishop & Co.
- Environmental Engineer – Bishop & Co.
- Construction Manager – (Company withheld)

For further information on these job listings or to find out how you can post job openings in your company on this website, please visit <http://www.ascehawaii.org/job-listings.html>.



2014-2015 YMF Officers

Puna Kaneakua, President
pkaneakua@ascehawaiitymf.org
Amanda Tanaka, Vice President
atanaka@ascehawaiitymf.org
Norman Leong, Secretary
nleong@ascehawaiitymf.org
Jordan Urabe, Treasurer
jurabe@ascehawaiitymf.org
Jason Sugibayashi, Past President
jsugibayashi@ascehawaiitymf.org

YMF General Meeting

The next YMF general meeting is scheduled for Wednesday, July 1, 6:00 p.m. at Armbar Sports Bar and Grill. If you are interested in attending to find out what the YMF is all about, contact YMF at ymf.hawaii@gmail.com.

WILIKI ADVERTISERS NEEDED

5" x 2" – (10□)
\$64.00

7½" x 3¾" – (25□)
(½ page) – \$160.00

2½" x 2½"
(6□)
\$40.00

7½" x 5" – (37½□)
½ page – \$240.00

4⅞" x 2½"
(11□)
\$72.00

2½" x 1¼"
\$20.00

The price for the ads will be based on a 1¼" x 2½" module size which is 1/24th of the page, and be \$20.00 per month with a 15% DISCOUNT for a 6-MONTH RUN.



CCMAA Hawaii Chapter

<http://hawchapter.cmaa.org>

Officers

| | | |
|----------------|--------------------------------------|----------|
| President | Derek Mukai | 531.4252 |
| | <i>President@cmaahawaii.cmaa.org</i> | |
| Vice Pres. | Jeff Clark | 225.6799 |
| | <i>Vicepresident@cmaahawaii.org</i> | |
| Secretary | Bill Thornton | 651.4541 |
| | <i>Secretary@cmaahawaii.org</i> | |
| Treasurer | Chandra Namumart | 561.7393 |
| | <i>Treasurer@cmaahawaii.org</i> | |
| Past President | Tim Bramsen | 256.5952 |
| | <i>Hawaii.cmaa@gmail.com</i> | |
| Directors | Dustin Timm | 256.2020 |
| | Mike Young | 836.7787 |

CMAA Hawaii News:

Thank You all for your support in attending our CMAA Community Service Activity at Hale Hilina'i in May of this year! We had a great turnout for the event 35 people! We split our volunteers into two groups, with one tackling the base painting of exterior walls for the youth to paint murals on, and the other working in the beautiful (if somewhat overgrown) interior garden area. There were lots of smiles and positive energy there and together with the volunteers from the judiciary, we made a difference not only in the appearance of the facility, but also in the lives of the youth of Oahu who will make use of the facility to learn positive and creative outlets for their energy.

Our next upcoming event will be our June 23rd Happy Hour at HASR Bistro where we hope that you will join us to share the camaraderie that is the reason for our Chapter's existence.

Our next bimonthly Luncheon will be held in July, keep an eye out for our email blasts for more information on that. Coming up October 2nd CMAA Hawaii will hold our 4th Annual CMAA Scholarship Golf Tournament at Coral Creek Golf Course- The proceeds of this event support the awarding of educational scholarships to our deserving CM Student Chapter members. Our chapter is here as a resource for all Construction Engineering and Management professionals.

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, also please note that **we have a new 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 2014-2015 OFFICERS

www.aacehawaii.org

| | |
|----------------------------------|--------------------------|
| President | Kristy Kastner, PSP |
| Vice President | Greg Treese |
| Secretary | Maelyn Uyehara |
| Treasurer | Cristo Rojas |
| Director of Certification | Stephen Jacobson, CCP |
| Director of Communications | Joseph Uno, LEED AP BD+C |
| Director of Membership/Webmaster | David Ladines |

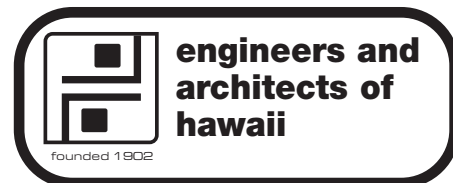
AACE-Hawaii Section News

The Hawaii Section hosted a "Lunch and Learn" on Friday, June 12th which featured a presentation on "Project Scheduling Basics" by Mr. Barry Cassell of Cassell Consulting. Mr. Cassell is a trainer for Construction Technology programs such as Oracle/Primavera P6, Timberline, On Screen Takeoff and RIB U.S. Cost Success Estimator. Over two dozen attended the presentation from many different organizations.

Elections for Officers were held for 2015-16. Terms run through the end of May 2016. Congratulations to the following new officers; President, David Ladines, Vice President, Maelyn Uyehara, Secretary, Joseph Uno, LEED AP BD+C, Treasurer, Cristo Rojas, Director of Social Media, Gregory Treese, Past President, Kristy Kastner, PSP.

Thank you to Kristy Kastner, PSP for her years of service to the section.

And Aloha and Best Wishes to Gregory Treese in his new location.



PO box 4353, Honolulu, Hawaii 96813

An association for Hawaii's Engineers and Architects

WEB address: www.eahawaii.org

EAH 2014- 2015 Officers

| | | |
|-----------|------------------------|----------|
| President | Bill Brizee, AIA | 523-9636 |
| 1st VP | Michael Albright, PE | |
| Treasurer | Aaron Erickson, PE | 591-2728 |
| Secretary | Gary Yamamoto, PE | 485-2777 |
| Director | Dave Martin, PE | 543-4504 |
| Director | Geoffrey Paterson, AIA | |
| Director | George Coates, AIA | |
| Director | Howard Wiig, PE | 587-3811 |
| Past Pres | Joseph Feind, PE | 543-4781 |

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!!



Po Box 12204 Honolulu, HI 96828
Website: www.eaauh.org

2014-2015 Officers

| | |
|-----------|---------------------|
| President | Dayna E. Nemoto |
| Vice Pres | Keith S. Uemura |
| Treasurer | Neal N. Miyake |
| Secretary | Anthony J. Paresa |
| Past Pres | Glenn M. Nohara |
| Directors | Rodney Chong |
| | Ken K. Hayashida |
| | John H. Katahira |
| | Ken Kawahara |
| | Diane Y. Kodama |
| | Stancher Mabellos |
| | Mike Y. Magaoay |
| | Derek K. Mukai |
| | Martin A. Nakasone |
| | Ross S. Okuda |
| | Wayne A. Shiroma |
| | Jonathan M. Suzuki |
| | Dennis I. Toba |
| | Edward I. Yoshimura |
| | Russell Young |
| | Kyle Y. Yukumoto |
| | Landon Sakai |



Save the Date- 2015 CMAA Hawaii 4th Annual Scholarship Golf Tournament

When: 2 October 2015

Where: Coral Creek Golf Course

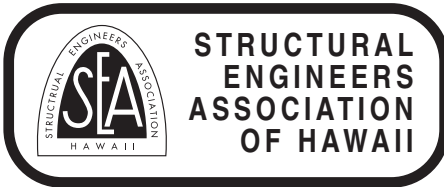
Details to follow via email blast. Please make plans to join us or otherwise support this event that generates scholarships for our local CM College Students and funds our other CMAA Chapter events!



2540 Dole Street, Holmes Hall
Honolulu, Hawaii 96822

UHM College of Engineering Deans and Chairs

| | |
|---|---------------------------|
| Dean | Peter E. Crouch |
| Interim Associate Dean for Academic Affairs | Bruce Liebert |
| Assistant Dean | Song K. Choi |
| CEE Chair | Panos Prevedouros |
| EE Chair | Wayne Shiroma |
| ME Chair | Mehrdad N. Ghasemi Nejhad |
| HCAC Director | Magdy Iskander |
| HSFL Director | Wayne A. Shiroma |



PO BOX 3348, HONOLULU, HI 96801

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

2015 BOD OFFICERS AND DIRECTORS

| Position | Officer | Phone |
|------------------------|---|---------------|
| President | Fernando Frontera f Frontera@baseengr.com | 781-2802 |
| Vice President | Jeffrey Hanyu jeffreyhanyu@allisonide.com | |
| Secretary | Joshua Tyau joshuat@nagamineokawa.com | 535-3012 |
| Treasurer | Jinghai Yang jyang@kaihawaii.com | 791-3947 |
| Director (Yr 2) | Paul Kane III alohamarketing@hawaii.rr.com | 537-2811 |
| Director (Yr 2) | Tim Waite twait@strongtie.com | 479-1216 |
| Director (Yr 1) | Dennis Sakamoto dennis@tilecoinc.com | 682-5737 |
| Director (Yr 1) | Gaur Johnson gaur@hawaii.edu | 956-2377 |
| Past President | Ethan Okuna eokuna@cshengineers.com | 945-0198 x103 |

HIGHLIGHTS OF BOD MEETING

June 3, 2015

General Membership Meetings/Technical Seminars/Events

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

- July 9 – General Membership Meeting at REAL a gastropub from 5:30PM-7:30PM
- August 14 to 15 – Annual Convention @ Aulani look for email registration for details.
- September 10 – ACI 318-14: Reorganized for Design Building Code Seminar, 8:00AM - 4:00PM at the Honolulu Country Club

SEA OH YMG

If you signed up for the SE exam this October, YMG will be hosting a SE exam prep course if there are enough applicants. This past June, YMG worked with HWEA YP to help the Waianae Mountain Watershed Partnership remove invasive species and plant native plants. YMG will have a similar volunteer event at the Pali Lookout by the end of the year as well as other activities, so please keep an eye out for our updates. Also, YMG has recently procured club T-shirts!

If you would like to order a shirt or to sign up for our mailing list, you can email seahymg@gmail.com. Also, please check out our Facebook page at: <https://www.facebook.com/ymgSEA OH>.

New Members

Nicholas Groves of SSFM International has been accepted as an Allied Member. Ian Jehn of Baldrige and Associates has been accepted as an Allied Member. Jarrett Yanagida of Consulting Structural Hawaii has been accepted as an Allied Member.

New Member Applications

Application for the following individuals has been received and is open for comments from the membership: Craig Meierhoffer of Baldrige and Associates as a Member. Colm O'Carroll of Mitsunaga and Associates as an Associate Member.

Missing Members

Please contact Membership Chairperson, Jiabao Chen (791-3945 jchen@kaihawaii.com), or any of the SEA OH Officers if you have a new

mailing and/or email address.

Next Meeting

The next SEA OH Board of Directors and Officers meeting will be on July 1, 2015. For location, contact SEA OH President Fernando Frontera (781-2802 f Frontera@baseengr.com).



P.O. Box 88840

Honolulu, HI 96830

Website: www.acechawaii.org

2014-2015 Board of Directors

President
William Bow, Bow Engineering & Development
President-Elect
Robin Lim, Geolabs
Treasurer
Corey Matsuoka, SSFM International
Secretary
Jeff Kalani, Yogi Kwong Engineers
National Director
Sheryl Nojima, Gray Hong Nojima & Associates
Past President
Beverly Ishii-Nakayama, Shigemura Lau
Sakanashi Higuchi & Associates
Directors
Garret Masuda, Insynergy Engineering, Inc.
Ken Kawahara, Akinaka & Associates, Ltd.
Sean Sugai, Ronald N.S. Ho & Associates

LETTER FROM THE ACECH PRESIDENT

Written by William H.Q. Bow, P.E.

This letter ends my term as President of the

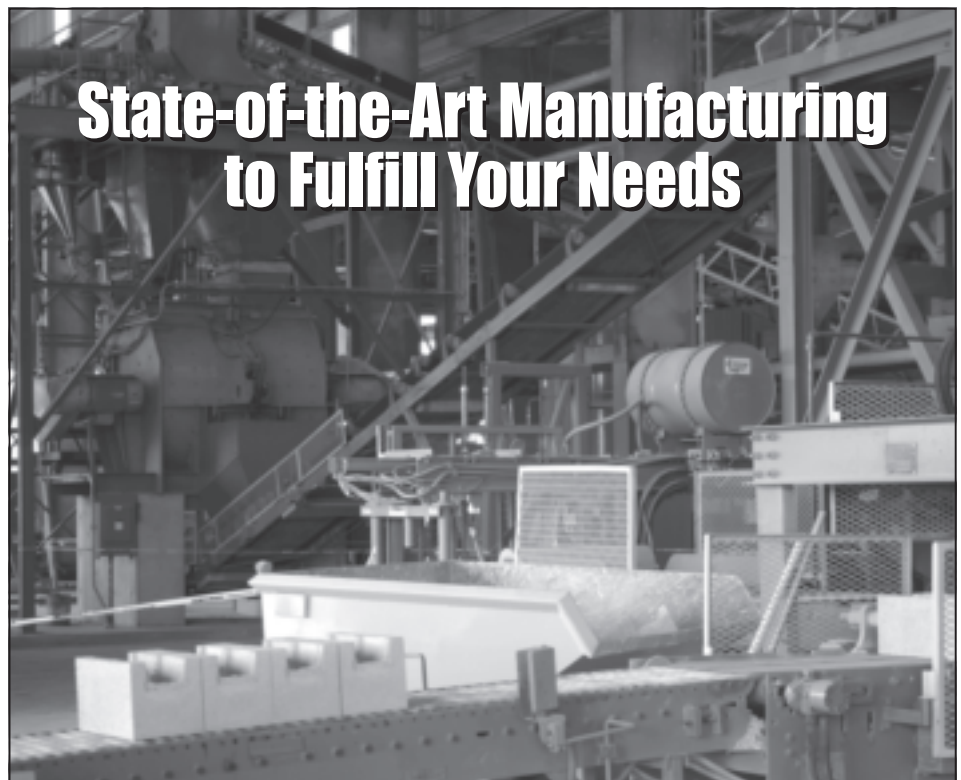
ACECH. It has been an exciting and successful year! The following summarizes the highlights of the year:

- Celebrated our 50th Anniversary
- Hosted a National ACEC Convention at the Hilton Waikoloa Hotel
- Celebrated our engineering accomplishments at the Engineering Excellence Awards Banquet
- Lobbied for Pro-Engineering Business Legislation in Hawaii and in Washington D.C.
- Sponsored development of our young upcoming managers through "The Business of Consulting" seminar
- Sponsored the State- City- Counties Symposium
- Monthly General Membership luncheon meetings with timely speakers on issues and upcoming projects to advise our members

It was my privilege to lead this distinguished organization this year. I would like to thank the Board of Directors for all their hard work and support through the year. I would also like to wish all the best to the new Board, and to Robin Lim, our new President.

Mahalo and Aloha!

Deadline for
Wiliki
is July 15th



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Hawaii Section 2014-2015 Officers

www.ite-hawaii.org

| | |
|-------------|---|
| President: | Pete Pascua ppascua@wilsonokamoto.com |
| Vice Pres.: | Natasha Soriano natasha.a.soriano@hawaii.gov |
| Secretary: | Sara Okuda sara.t.okuda@hawaii.gov |
| Treasurer: | Robert Nehmad rnehad@mmm.com |

Section Meeting

The ITE Hawaii Section meeting was held on May 27th, on the 9th floor of the Fasi Municipal Building.

President Pete Pascua opened the meeting having everyone introduce themselves. He thanked Gordon for providing lunch, and announced that the money collected for lunch will be donated to the Western District Student Endowment Fund in honor of C.S. Papacostas. Pete also thanked those that volunteered and provided shuttle service for Costas' funeral, as well as everyone that attended. It was also announced that our Annual Meeting Grant will be renamed the Constantinos S. Papacostas Annual Meeting Grant in honor of Costas. At the District Annual Meeting, July 19-22, in Las Vegas, a moment of silence will be held in his honor as well as others within the ITE community that have passed. The International Meeting and Exhibit, August 2-5, will be in Hollywood, FL. Our Hawaii Section Annual Meeting will be on June 24th, at the Plaza Club. Ballots for our Section 2015-2016 officers went out last week, please cast your vote.

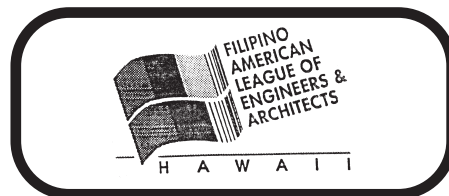
Western District Secretary-Treasurer Cathy Leong announced that Western District ballots should be coming out on June 5th, and the International ballots on June 19th. She also wanted to thank everyone who donated to the Student Endowment Fund in Costas' name, more than \$1300 has already been donated. Should anyone need assistance in making a donation, she'll be happy to help them. A spotlight on Costas will be on the Endowment website, and a plaque will also be given at the Annual District Meeting.

Vice President Natasha Soriano introduced Dr. Adrian Ricardo Archilla, professor at the UH Moana, speaking on Top-Down Fatigue Cracking in High Temperature Environments.

Dr. Archilla started his presentation saying that Hawaii may not have the hottest or the coldest weather, but in Hawaii temperatures can get hot everyday. He stated that from the moment asphalt pavement is built it experiences stress. The distress of pavement is categorized by bottom-up fatigue, top-down fatigue cracking (TDFC), thermal cracking, rutting, and by roughness index. Fatigue or Alligator cracking starts from the bottom, and moves its way to the surface, indicating that the structure has failed. Early stages of TDFC will appear as longitudinal cracks along the wheel

path. Dr. Archilla showed picture examples of cracking, including roads on Oahu, one with both TDFC and rutting that occurs in cold temperatures. He encourages everyone to look at the roads, and identify what kind of distress is occurring. Dr. Archilla discussed the AASHTO MEPDG Manual of Practice, now known as Pavement ME Design. Traffic, material properties, and environment are inputted to select a trial pavement structure. An analysis takes place, and pavement response and performance models are created to determine if the pavement meets criteria. It was explained that fatigue testing equipment is used to apply Miner's hypothesis to calculate damage as a ratio of loading in an increment of time over the number of repetition before failure. Pavement experiences different amounts of stress throughout the day, dependent on temperature and frequency. Dr. Archilla had graphs showing colder temperatures having a higher modulus, but explained frequency has a higher effect. He recommends monitoring actual temperature at different times of the day rather than just checking at one point in the day.

The floor was open to questions. Only one question was asked: So are we supposed to design for fatigue cracking? Dr. Archilla answered no, we need to catch it at the right time so that it does not progress. Top-down fatigue can be fixed with milling and treatment.



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JUNE 2015 HIGHLIGHTS: BOARD of DIRECTORS MTG –

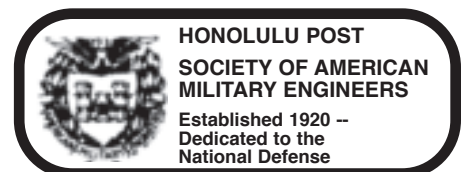
MEMBERSHIP – Two applicants for membership were approved by the Board during its June meeting: Maricel N. Calderon, is a 2004 graduate of the University of Luzon with a BS in Architecture. She is with Amethyst Builders, LLC; Manuel Aquino, Jr. is with Performance Systems, Inc., as a Project Engineer. He is a 2013 University of Hawaii grad with a degree in Civil Engineering. Welcome aboard!

SAFETY TRAINING – The OSHA 30-Hr Safety Training Class is over! Congratulations to all the attendees, and many thanks to Roger Urbi, a Past President of FALEA, who volunteered his time for 4 Saturdays in a row to teach the class. Also, thanks to Jeffrey Cudiamat,

our Immediate Past President for the use of Structural Hawaii's training facilities in Pearl City, and for other FALEA members for their support during these weekend sessions. Well done, guys!

BOWLING – Still trying to decide which of three possible venues will give us the best outcome: Aiea Bowl, Leeward Bowl, or Pali Lanes

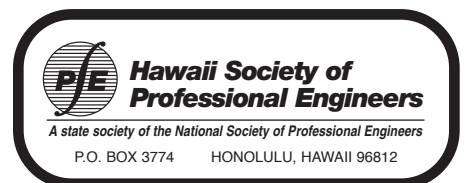
SUMMER PICNIC – "Secret Island"? – more on this later. Time flies! Enjoy the rest of summer, the transition through the halfway mark of the year 2015, and the upcoming 4TH OF JULY!



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SWE-WOW!, from page 1

able to discuss what to expect as students transition to high school and college with a student panel. The parents/educators had a hands-on activity of their own- creating "drawing" using circuits made with metallic tape, LED lights, and watch batteries.

The collegiate and professional sections also held their annual joint speed networking/pau hana social at Dave and Busters on April 26.

This event brought together 20 professionals and 35 collegians for quick networking sessions, built on the "speed dating" concept of meeting for a few minutes then moving to chat with a different person.

Collegians and professionals enjoyed a buffet dinner prior to the networking sessions. Collegians were able to meet a variety of professionals from companies such as Belt Collins Hawaii, CH2MHIL, HECO, SPAWAR, PHNSY &

IMF, and get a glimpse of what a career after college might look like. To top off the evening, everyone received a PowerCard and were able to mix and mingle over the midway games after the speed networking sessions were over.

If you would like more information about these events or others like these, please email the collegiate section at swe808@gmail.com or the professional section at swe.hisection@gmail.com.



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Joint 2014/2015 winter social at iTrampoline.



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