Hawaiian Electric’s Vision for Hawai‘i’s Energy Future

by The Hawaiian Electric Companies

www.hawaiianelectric.com/ourvision

In Hawai‘i’s dynamic and changing energy landscape, our companies – Hawaiian Electric, Maui Electric and Hawai‘i Electric Light – understand we have a responsibility to adapt. Customers’ needs and demands are changing, and we need to respond.

We want to deliver cost-effective, clean, reliable, and innovative energy services to our customers – to create meaningful benefits for Hawai‘i’s economy and environment, making Hawaii a leader in the nation’s energy transformation.

To do that, we’ve developed energy plans for Hawai‘i’s energy future. The plans are about achieving the kind of clean, resilient energy future we all want for our state.

Highlights of the plans, to be achieved by 2030:

Our plan includes actions to deliver lower electric bills over time. It’s about expanding customer options - such as community solar, electric vehicles, and pricing options that can help customers lower their bills. It’s focused on increasing distributed solar power, like rooftop PV. And it underscores how important it is for us to develop a robust, modern grid that will help us better integrate more renewable resources.

We expect to achieve the following by 2030:

• More than 65 percent of our energy needs met by renewable energy
• 20 percent reduction in electric bills
• Nearly tripling of the amount of distributed solar power

We’ll continue to work with closely with our regulators, the local solar industry, lawmakers, and other energy partners on these plans.

More on rooftop solar

Rooftop solar and other types of distributed generation are a big part of this vision. To support that growth, we’re establishing a clear, open planning process to determine how much more distributed solar power can be added each year. And we’ll communicate that information, so that customers and solar contractors know what to plan for.

At the same time, we’re pursuing new technologies, like energy storage systems and advancements in rooftop PV equipment, so that we help customers add even more PV.

For many months now, Hawaiian Electric has been working closely with the local solar industry on technical solutions to continue to increase rooftop PV. There’s tremendous opportunity for more distributed solar power, and it will take everyone working together – utilities, the solar industry, technology partners, and others – to achieve that potential.

We also think it’s the right time to consider changes to the PV rate structure to make it fair to all customers, so that everyone is paying their fair share. Right now, although PV customers continue to remain interconnected to the grid, the costs for maintaining and upgrading the grid are being shifted from them to customers who do not have PV. Hawaiian Electric believes that it’s important to have a rate structure where the costs are spread more fairly – one that’s fair to all customers.

It’s important to note that the charges outlined in the plans are strictly hypothetical at this point. While a lot of attention has focused on a new monthly “minimum charge,” that charge will ultimately be set in a future regulatory proceeding after the Public Utilities Commission and Consumer Advocate have thoroughly reviewed all costs. What’s more, most customers are already paying more than the proposed minimum charge, so the change shouldn’t affect them. And we won’t be collecting any additional revenue as a result of this – rather, costs will simply be spread more fairly among customers.

And that’s really what the proposed solar rate restructuring is about. It’s about how to make the program fair for all customers.

Looking forward

Being so far ahead of the nation on a lot of these issues is a challenge but it’s also an opportunity. We have the potential to be a leader in the nation’s energy transformation as we work together to create a cleaner and brighter future for Hawai‘i.

Celebrate Energy Action Month with Hawaiian Electric’s 2014 Clean Energy Fair

Hawaiian Electric Company presents the Clean Energy Fair on Saturday, October 4, 2013 from 10 a.m. to 3 p.m. at Kahala Mall, near the Macy’s wing. This free event is co-sponsored by Kanu Hawai‘i and the Department of Business, Economic Development & Tourism (DBEDT). Admission to the Clean Energy Fair is free for you and your kids. This annual event is a kick-off for Energy Action Month in October and celebrates the efforts and accomplishments by many organizations across the state to pursue a sustainable, clean energy future for Hawai‘i.

Entertainment

The festivities will open with a performance by Electric Ed of Mad Science Hawaii. At noon, Na Hoku Hanohano award winning group Waipuna takes the stage to perform songs from their albums, ending with a special keiki hula performance at 1:30 p.m. by Ka Pa Hula O Kauanoe O Wa‘ahila.

Learn about energy conservation

The Clean Energy Fair brings together organizations and businesses involved in resource conservation, energy efficiency and clean energy initiatives. Interactive exhibits by Kanu Hawai‘i and the Department of Business, Economic Development & Tourism, as well as Board of Water Supply, Hawaii Gas, Blue Planet and Hawai‘i Energy will be available at the event. This free event offers families and individuals an opportunity to learn from experts about renewable energy, electric vehicles, solar and PV installations, and energy rebates.

There will also be a booth with representatives from Hawaiian Electric to sign up for paperless billing and learn more about Hawaiian Electric’s smart grid efforts.

Your children can pick up a free energy guide featuring Maka, the Super Energy Saver owl. Also, enter to win an Apple® iPad mini™ or portable solar generator with Hawaiian Electric’s Energy Passport game. The entire family can enjoy a day of live music by local performers, energy-related games and activities, contests, giveaways and prizes.

For additional information, call 543-7511 or visit www.hawaiianelectric.com.
**HAWAII COUNCIL of ENGINEERING SOCIETIES**

P.O. Box 2873
HONOLULU, HAWAII 96802

**ASME-HI 2014-2015 Officers**

Chairperson: Derek Sato
Derek.sato@hawaiianelectric.com

Vice-Chair: Derick Kam
848-6966

Secretary: Kory Ikeda
kory.isamu@gmail.com

Treasurer: Kevin Dang
737-1708
dangk007@hawaii.rr.com

Past-Chair: Kory Ikeda
628-1231

HCES Rep: Derick Kam

Alternate: Derek Sato

**HAWAII COUNCIL of ENGINEERING SOCIETIES**

Published monthly by:

HAWAII COUNCIL OF ENGINEERING SOCIETIES
SERVICE PRINTERS, INC.
1829 Diligence Boulevard • Honolulu, HI 96819
Telephone: (808) 841-7544 • Fax: (808) 847-1487

ADDRESS ARTICLES FOR PUBLICATION TO:
WARREN YAMAMOTO
1526-C Puakea Avenue • Honolulu, HI 96816
Telephone: 732-5216

**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.

**HAWAII UNIVERSITY**

2014-2015 OFFICERS

Chair-elect: Les Kemper
Secretary: Jouko Hiramatsu
Treasurer: Stephanie Doan

Society: ACE
Representative: J. Uno
Alternate: K. Hayashida

APWA
Representative: D. Barsana
Alternate: R. Babcock

ASHRAE
Representative: P. Scott
Alternate: D. Kam

CMAA
Representative: C. Lum
Alternate: G. Paterson

EAIH
Representative: W. Wong
Alternate: N. Waters

EWAH
Representative: S. Agraan
Alternate: G. Albano

HFPE
Representative: J. Dubeis
Alternate: K. Kuminine

IEEE
Representative: G. Tongege
Alternate: W. Yamamoto

SAME
Representative: B. Zachmeier
Alternate: A. Agapay

SEAOH
Representative: S. Dannaway
Alternate: C. Cow

SWE
Representative: S.K. Choi
Alternate: UHM CoE

**HAWAII CHAPTER OFFICERS**

President: Richard T. Takes
S.S. Dannaway Associates
rbiogas@ssdaffire.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

**ASME-HI SECTION GENERAL MEMBERSHIP MEETING**

Date: October 21, 2014
Time: 5:30 pm to 7:00 pm
Place: HECO Ward Ave
Cafeteria Conference Room

Speaker: Edward Russell, Project Manager, Hawaii Center for Advanced Transportation Technologies (HCATT), speaking on a demonstration project to use PV to generate hydrogen as a fuel source to power hydrogen fueled vehicles used as part of Hickam AFB’s fleet. The presentation will be preceded by a general membership meeting to cover Hawaii Section business.

All members are invited and encouraged to attend. There will be free pizza and soft drinks, as usual. Please contact Chairman Derek Sato or Secretary Kory Ikeda for directions and for more information, such as parking within Hawaiian Electric’s Ward Avenue facilities.

**KAILUA HIGH SCHOOL 2014 CAREER FAIR**

ASME-HI is again participating in the annual Kailua High School Career Fair planned for Friday, November 7, 2014.

This is a table-top type exhibit manned by the sponsor members with high hopes that they will be interviewed by interested students. We many times have to drag in students who don’t know what a mechanical engineer is. We usually have two to three members to answer the students’ questions. For us, we try to provide information that may influence a student in a career in mechanical engineering. We provide interesting ME-related pamphlets and clipings pertaining to wages, specific job responsibilities, and fun facts about mechanical engineers. Interested students interview us in hopes of knowing more about what a mechanical engineer may do after college, besides what college life is for a mechanical engineering student. We give away promotional pencils, which is well within our budget.

The other HCES member we notice participating with us year after year are the Fire Protection Engineers, and someone representing EAH. Our other competitors for student attention are the Army, Navy, Air Force, Marines, Coast Guard, the police department, trade unions, beauty schools, medical labs, Hawaiian Airlines, and some non-engineering UHMH colleges.

The fair is held in the gym and students start visiting the exhibits at 8:45 a.m. The event is completed before 11:30 a.m. We are treated wonderfully by Kailua High School. We are fed and watered throughout the session and presented with a delicious bento lunch and drinks before leaving. You can see a reason why we return every year.

© 2014 ASME-HI

**REVIEW OF ACTIVITIES AT ASHRAE REGION X 2014 CHAPTERS REGIONAL CONFERENCE (CRC) by Dean Borges, Chair**

The Region X 2014 CRC was held August 7-9 in Honolulu, Hawaii and hosted by the Hawaii Chapter. Summary of activities included the following:

A. Business Sessions and Caucus.
1) Nominations Caucus.
2) Business Session 1.
3) Chapter Operations Workshop.
4) Executive Session.
5) Business Session 2.
B. Workshops:
1) Membership Promotion Committee.
2) Chapter Technology Transfer Committee.
3) Grassroots Government Activities Committee.

continued on page 4

ASHRAE Society President Tom Phoenix and Dean Borges, Chair HCES.
LETTER FROM THE ACECH PRESIDENT
Written by William H.Q. Bow, P.E.

What am I getting from my membership in the American Council of Engineering Companies of Hawaii (ACECH)? That’s the $1,000 question we get a lot. In the next few President Letters, I will share with you the benefits of membership. The months of October, November, and December are our membership recruitment months. We would like to encourage our member firms to bring potential members to any one of our monthly general membership meetings. ACECH will pay for the member’s guest.

One benefit is your ability to attend national conferences and training sessions at a discounted member rate. This leads me to the upcoming 2014 Fall ACEC Conference being held at the Hilton Waikoloa Village on the Big Island on October 22 – 25. It’s not too late to sign up at www.acec.org. This conference is a great opportunity for Hawaii engineers to attend a National Conference in our own “backyard” without the expense of flying to the mainland. I personally have been to two conferences and highly recommend going! It’s a great opportunity to network with other engineers from all parts of the US. The breakout session has information for all areas of engineer business; i.e., Infrastructure Funding, Trends in Recruitment & Retention, Marketing and Business Development, just to mention a few topics. And one of our members, Mark Tawara, SSFM, will be doing a breakout session at the Conference! I hope to see you there.

50TH ANNIVERSARY TRIVIA QUESTION OF THE MONTH

To help celebrate our 50th anniversary in 2014, an ACEC Hawaii trivia question will appear in each of this year’s issues of the Wiliki. The answers to the questions and background information will appear in the subsequent issues.

This month’s question: ACEC selected a Hawaii project as one of three to represent the national organization in the 2013 FIDIC Centenary Awards. FIDIC will recognize and applauding the best consulting engineering achievements of the 20th Century. Which ACECH member firm received this prestigious recognition?

Answer to the previous question: Janice Massters and John Katahira recently became the 9th and 10th members from Hawaii to reach the ACEC membership grade of Fellow. The others are Jon Nishimura, Lennox Nishimura, June Nakamura, Lester Fukuda, Dave Bills, Stan Kagawuchi, Mike Matsumoto and Roy Yamashiro.
HIGHLIGHTS OF BOD MEETING

September 2, 2014

Committee Reports

General Membership Meetings/Technical Seminars/Events

October 9: General Membership Meeting, 5:30pm at Brue Bar, 119 Merchant St. Board of Directors will present the proposed changes to the SEAOH Bylaws and Charter. RSVP to Fernando Frontera (ffrontera@baseengr.com).


November 28: SEAOH Golf Tournament @ Pearl Country Club. RSVP to Ethan Okuna or Rod Haraga.

December 11: Seismic Steel Braced Frame Seminar on design concepts and connections, developed by AISC with speaker Rafael Sabeli.

Nominations for 2015 SEAOH Board of Directors:

LAST CALL! SEAOH is looking for enthusiastic members to participate in the stewardship of our organization. Please contact E. Okuna if you have interest or would like to nominate a fellow member to serve on next year’s board (945-0198 x 103, ekouna@csengineering.com). We’re actively seeking volunteers or nominees for Vice President, Secretary, Treasurer, and Director.

Structural Inspections Subcommittees

SEAOH Special Inspections Subcommittee is continuing discussions with the Honolulu Department of Planning and Permitting to explore instituting IBC special inspection requirements and an update of the special inspection form. Regularly scheduled lunch meetings are being held on Fridays, every two weeks, at Baldridge & Assoc. If you have opinions on the future implementation and enforcement of special inspections, please contact Ms. Kulia Boerstler (808) 534-1300, or any member of the Board.

New Website:

We are working on developing a new website for SEAOH. Please let us know if you have any ideas on information/functions that should be included in the new website. Also, we are looking for corporate sponsors who are interested in displaying their logo in the website. If you have ideas for the website or are interested in being a sponsor please contact Fernando Frontera (ffrontera@baseengr.com).

New Member

The following membership applications have been accepted:
- Schad Woods, Bonded Materials Co, Affiliate Member
- Corey Yamashiro, Consulting Structural Hawaii, Allied Member

New Member Applications

Applications from the following have been received and are open for comments from the membership:
- Michael Greer, Wiss Janney Elstner Associates, Inc., for Allied Membership

Missing Members

Please contact Membership Chairperson, Jiabao Chen (Ph: 791-3945 or email jchen@kahawaii.com), or any of the SEAOH Officers if you have a new mailing and/or email address.

Next Meeting

The next SEAOH Board of Directors and Officers meeting will be held on Wednesday, October 1, 2014. Contact SEAOH President Ethan Okuna (945-0198 x 103, ekouna@csengineering.com) for more information.

It’s that time again! In a short 6 years, Homescoming has grown into Hawaii’s premier “friendraiser” event, bringing together our engineering community in a very casual format for great food, great drinks, and great entertainment. It’s a terrific opportunity to catch up with old friends and create new ones.

PLEASE SAVE THE DATE!

7th Annual Homescoming Friday, November 21, 2014 5pm to 8:30pm Homes Hall, UH Manoa Campus

Sponsorships: $1,300 (10 Tickets, recognition and signage at event) Individual Tickets: $75 each Make checks payable to UH/COE and mail to: 2540 Dole Street, Homes Hall 240 Honolulu, HI 96822 Attn: Jean Imada For information, 956-5112
MICRO PILES As defined in FHWA-RD-96-016 “Micro-piles are small diameter drilled and grouted reinforced piles used for both structural support and insitu earth reinforcement.” Typically less than 10” in diameter, allowable design capacities frequently exceed 100 kips and our crews have performed testing in excess of 225 kips or over 100 tons. Micro-piles are frequently used where a deep foundation system is required in difficult substrata conditions, or where driven piles or large diameter systems are impractical due to subsurface obstructions, or limitations presented by existing buildings at or adjacent to the project site.

Capabilities, Benefits & Advantages

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

Since 1985 in Hawaii, Structural Systems and its allied company Kelikai have compiled decades of experience installing deep foundation systems. Our experience includes a range of piling systems for bearing support, and a selection of differing anchor systems for tension applications. Additionally, we are authorized installers of the Atlas and Chance brands of pre-engineered foundation systems for both new construction and remedial/underpinning applications. Hawaii has widely variable and difficult subsurface conditions. With their experience, our staff and field crews are peerless in their ability to address all the differing geotechnical conditions unique to Hawaii.
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://ascehawaii.org 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, PO. Box 917, Honolulu, HI 96817. If you have any questions, please contact Brian Enomoto at 388-5559, or benomoto@ascehawaii.com. No shows will be billed.

Executive Committee Meeting
Last held: September 9th, 2014
Next meeting: October 9th, 2014

October Dinner Meeting
Program: R-1 Reuse Feasibility Study at the Waimanalo Wastewater Treatment Plant
Speaker: Ryan Yamauchi
Element Environmental, LLC
Synopsis: The feasibility of producing R-1 water at the Waimanalo Wastewater Treatment Plant for reuse in the Waimanalo community was explored. A market survey of local farmers was conducted to gauge interest and identify concerns with R-1 reuse. Other large landowners such as golf courses and parks were also surveyed. Do the results indicate a need for the State to address public and consumer awareness and education before further expansion of R-1 reuse?

We will also be honoring our Region 8 Award Winners as well as have a brief presentation by Manfred Zapka, chair of the Sustainability Committee.

Date: Tuesday, October 14th, 2014
Location: Seven Palms Bar and Grill (formerly Sam Snead’s Tavern) @ Navy-Marine Golf Course
Time: 5:30 p.m. - Social Time
6:30 p.m. - Dinner
7:00 p.m. - Program
8:45 p.m. - Adjourn
Menu: Multi-entree buffet
Cost: $30.00 for ASCE Hawaii Section members
$35.00 for Non-ASCE Hawaii Section members and Guests
$20.00 for UH Manoa Student Chapter members

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. Please send reservations for the dinner meeting to Eric Arakawa by Monday, October 6th, 2014, by phone at 808-596-7790 or email at eric.a@tclghawaii.com. No shows will be billed.

Geotechnical Case Histories Workshop
This workshop presents various case studies regarding geotechnical failures and issues both locally and internationally, and provides lessons learned from these projects. The morning sessions will provide a brief introduction to tunneling and focus on several international tunneling projects while the afternoon session will provide insight on local geotechnical issues, problems, and lessons learned.

Date: Thursday, November 6, 2014
Location: Ala Moana Hotel, Carnation Room
Time: 7:30 a.m. - Registration
8:00 a.m. - Workshop begins
4:00 p.m. - Adjourn
Cost: $100.00 for ASCE Hawaii Section members
$150.00 for Non-ASCE Hawaii Section members and Guests
$50.00 for Student Chapter members (up to 8 students)

Cost includes continental breakfast and morning and afternoon refreshments. 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. Please send reservations for the workshop to Eric Arakawa by Friday, October 3, 2014, by phone at 808-596-7790 or email at eric.a@tclghawaii.com. No shows will be billed.

FY2014-2015 ASCE Hawaii Section Officers
The above listed officers were installed at the OCEA Awards Banquet on September 27, 2014. Congratulations and good luck to our FY 2014-2015 Executive Committee!

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
- Mechanical Engineer IV – City and County of Honolulu
- Civil Engineer V – SSFM International

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/jobs.htm.

Association for the Advancement of Cost Engineering
Hawaii Section

2014-2015 Officers
President Kristy Kastner, PSP
Vice President Greg Treese
Secretary Maelyn Uyehara
Treasurer Cristo Rojas
Immediate Past Pres: Benjamin Rasa, P.E.
YMF President: Puna Kaneakua, P.E.
YMF President-Elect: Benjamin Rasa, P.E.

Hawaii Section 2014-2015 OFFICERS

FY2014-2015 YMF Officers
President Jason Sugibayashi, P.E. 537-9971 jsugibayashi@ascehawaiiymf.org
Vice-President Punu Kaneakua, P.E. pikaneakua@ascehawaiiymf.org
Secretary Amanda Tanaka, P.E. atanaka@ascehawaiiymf.org
Treasurer Norman Leong, P.E. rleong@ascehawaiiymf.org
Past President Kurt Nagamine, P.E. knagamine@ascehawaiiymf.org
Student Chapter President Michelle Chinen, asce@hawaii.edu

YMF General Meeting
The next YMF general meeting is scheduled for Wednesday, October 1, 6:00 p.m. at Hukilau. If you are interested in attending to find out what the YMF is all about, contact YMF at ymf.hawaii@gmail.com.
News:

The Chapter sponsored a Hale Hilina’i Community Service event on September 13th where chapter members with the help of Judiciary staff helped to prepare part of the building for use by a hula halau by painting the lanai. Please see the included photo.

On September 17th, the chapter luncheon featured Ms. Lynn Bailey and Ms. Jody Corderoa from the Department of Health who spoke about Contaminant Awareness.

The 2014-2015 CMAA Hawaii Chapter Officer elections were completed and the new officers installed at the Chapter’s end of year Paina. A very big Mahalo to President Tim Bramsen and the 2013-2014 board for all their hard work this year serving the Hawaii CM Community.

Just a reminder that our chapter is here for all Construction Engineering and Management professionals.

Upcoming chapter events for the fall include:

- Our 3rd Annual Scholarship Golf Tournament is coming up on this month on October 3rd at Coral Creek Golf Course. Registration and Sponsorship Opportunities are available.
- The CMAA National Conference will be in October 19th – 21st in San Francisco this year.

If you have any questions regarding any of our upcoming events, would like to get involved with the CMAA Hawaii Chapter or would simply like to be added to our email list, please contact one of our board members or email us at hawaii.cmaa@gmail.com.

---

**CMAA Hawaii Chapter**
http://hawchapter.cmaanet.org

**Officers**
- President: Tim Bramsen 836-7787
  president@cmaahawaii.org
- Vice Pres: Dustin Timm 256-2020
  vicepresident@cmaahawaii.org
- Treasurer: Jeff Clark 839-0646
  treasurer@cmaahawaii.org
- Secretary: Derek Mukai 531-4252
  secretary@cmaahawaii.org
- Director: Bill Thornton
director@cmaahawaii.org
- Past President: Mike Young 836-7787
  hawaii.cmaa@gmail.com

**Secretary**
- Derek Mukai 531-4252
  secretary@cmaahawaii.org

**Vice President**
- Tim Bramsen 836-7787
  president@cmaahawaii.org

**Treasurer**
- Jeff Clark 839-0646
  treasurer@cmaahawaii.org

**Directory**
- Bill Thornton
director@cmaahawaii.org
- Mike Young 836-7787
  hawaii.cmaa@gmail.com

**Past President**
- Mike Young 836-7787
  hawaii.cmaa@gmail.com

**Secretary**
- Derek Mukai 531-4252
  secretary@cmaahawaii.org

**Treasurer**
- Jeff Clark 839-0646
  treasurer@cmaahawaii.org

**Director**
- Bill Thornton
director@cmaahawaii.org

**President**
- Tim Bramsen 836-7787
  president@cmaahawaii.org

---

**Upcoming chapter events for the fall include:**

- Our 3rd Annual Scholarship Golf Tournament is coming up on this month on October 3rd at Coral Creek Golf Course. Registration and Sponsorship Opportunities are available.
- The CMAA National Conference will be in October 19th – 21st in San Francisco this year.

---

**Leadership**

- President-Elect: Alyssa Smith
- Treasurer: Chad Livingston
- President: Wesley Wong
- Fundraising Chair: Brett Updyke
- Events Chair: Omar Razvi
- Membership Chair: Sumon Kanpior
- Web page: www.ewbaloha.org
- Engineers Without Borders - Honolulu
  http://www.ewbaloha.org

**2012-2013 Officers**
- President: Wesley Wong
- President-Elect: Alyssa Smith
- Treasurer: Chad Livingston
- Fundraising Chair: Brett Updyke
- Events Chair: Omar Razvi
- Membership Chair: Sumon Kanpior

---

**CMAA Hawaii Chapter**
http://hawchapter.cmaanet.org

**Officers**
- President: Tim Bramsen 836-7787
  president@cmaahawaii.org
- Vice Pres: Dustin Timm 256-2020
  vicepresident@cmaahawaii.org
- Treasurer: Jeff Clark 839-0646
  treasurer@cmaahawaii.org
- Secretary: Derek Mukai 531-4252
  secretary@cmaahawaii.org
- Director: Bill Thornton
director@cmaahawaii.org
- Past President: Mike Young 836-7787
  hawaii.cmaa@gmail.com

**Secretary**
- Derek Mukai 531-4252
  secretary@cmaahawaii.org

**Vice President**
- Tim Bramsen 836-7787
  president@cmaahawaii.org

**Treasurer**
- Jeff Clark 839-0646
  treasurer@cmaahawaii.org

**Director**
- Bill Thornton
director@cmaahawaii.org
- Mike Young 836-7787
  hawaii.cmaa@gmail.com

**Past President**
- Mike Young 836-7787
  hawaii.cmaa@gmail.com

**Secretary**
- Derek Mukai 531-4252
  secretary@cmaahawaii.org

**Treasurer**
- Jeff Clark 839-0646
  treasurer@cmaahawaii.org

**Director**
- Bill Thornton
director@cmaahawaii.org
- Mike Young 836-7787
  hawaii.cmaa@gmail.com

---

**Upcoming chapter events for the fall include:**

- Our 3rd Annual Scholarship Golf Tournament is coming up on this month on October 3rd at Coral Creek Golf Course. Registration and Sponsorship Opportunities are available.
- The CMAA National Conference will be in October 19th – 21st in San Francisco this year.

---

**Leadership**

- President-Elect: Alyssa Smith
- Treasurer: Chad Livingston
- President: Wesley Wong
- Fundraising Chair: Brett Updyke
- Events Chair: Omar Razvi
- Membership Chair: Sumon Kanpior
- Web page: www.ewbaloha.org
- Engineers Without Borders - Honolulu
  http://www.ewbaloha.org

**2012-2013 Officers**
- President: Wesley Wong
- President-Elect: Alyssa Smith
- Treasurer: Chad Livingston
- Fundraising Chair: Brett Updyke
- Events Chair: Omar Razvi
- Membership Chair: Sumon Kanpior

---

**CMAA Hawaii Chapter**
http://hawchapter.cmaanet.org

**Officers**
- President: Tim Bramsen 836-7787
  president@cmaahawaii.org
- Vice Pres: Dustin Timm 256-2020
  vicepresident@cmaahawaii.org
- Treasurer: Jeff Clark 839-0646
  treasurer@cmaahawaii.org
- Secretary: Derek Mukai 531-4252
  secretary@cmaahawaii.org
- Director: Bill Thornton
director@cmaahawaii.org
- Past President: Mike Young 836-7787
  hawaii.cmaa@gmail.com

**Secretary**
- Derek Mukai 531-4252
  secretary@cmaahawaii.org

**Vice President**
- Tim Bramsen 836-7787
  president@cmaahawaii.org

**Treasurer**
- Jeff Clark 839-0646
  treasurer@cmaahawaii.org

**Director**
- Bill Thornton
director@cmaahawaii.org
- Mike Young 836-7787
  hawaii.cmaa@gmail.com

**Past President**
- Mike Young 836-7787
  hawaii.cmaa@gmail.com

**Secretary**
- Derek Mukai 531-4252
  secretary@cmaahawaii.org

**Treasurer**
- Jeff Clark 839-0646
  treasurer@cmaahawaii.org

**Director**
- Bill Thornton
director@cmaahawaii.org
- Mike Young 836-7787
  hawaii.cmaa@gmail.com

---

**Upcoming chapter events for the fall include:**

- Our 3rd Annual Scholarship Golf Tournament is coming up on this month on October 3rd at Coral Creek Golf Course. Registration and Sponsorship Opportunities are available.
- The CMAA National Conference will be in October 19th – 21st in San Francisco this year.

---

**Leadership**

- President-Elect: Alyssa Smith
- Treasurer: Chad Livingston
- President: Wesley Wong
- Fundraising Chair: Brett Updyke
- Events Chair: Omar Razvi
- Membership Chair: Sumon Kanpior
- Web page: www.ewbaloha.org
- Engineers Without Borders - Honolulu
  http://www.ewbaloha.org

**2012-2013 Officers**
- President: Wesley Wong
- President-Elect: Alyssa Smith
- Treasurer: Chad Livingston
- Fundraising Chair: Brett Updyke
- Events Chair: Omar Razvi
- Membership Chair: Sumon Kanpior

---

**CMAA Hawaii Chapter**
http://hawchapter.cmaanet.org

**Officers**
- President: Tim Bramsen 836-7787
  president@cmaahawaii.org
- Vice Pres: Dustin Timm 256-2020
  vicepresident@cmaahawaii.org
- Treasurer: Jeff Clark 839-0646
  treasurer@cmaahawaii.org
- Secretary: Derek Mukai 531-4252
  secretary@cmaahawaii.org
- Director: Bill Thornton
director@cmaahawaii.org
- Past President: Mike Young 836-7787
  hawaii.cmaa@gmail.com

**Secretary**
- Derek Mukai 531-4252
  secretary@cmaahawaii.org

**Vice President**
- Tim Bramsen 836-7787
  president@cmaahawaii.org

**Treasurer**
- Jeff Clark 839-0646
  treasurer@cmaahawaii.org

**Director**
- Bill Thornton
director@cmaahawaii.org
- Mike Young 836-7787
  hawaii.cmaa@gmail.com

**Past President**
- Mike Young 836-7787
  hawaii.cmaa@gmail.com

**Secretary**
- Derek Mukai 531-4252
  secretary@cmaahawaii.org

**Treasurer**
- Jeff Clark 839-0646
  treasurer@cmaahawaii.org

**Director**
- Bill Thornton
director@cmaahawaii.org
- Mike Young 836-7787
  hawaii.cmaa@gmail.com

---

**Upcoming chapter events for the fall include:**

- Our 3rd Annual Scholarship Golf Tournament is coming up on this month on October 3rd at Coral Creek Golf Course. Registration and Sponsorship Opportunities are available.
- The CMAA National Conference will be in October 19th – 21st in San Francisco this year.

---

**Leadership**

- President-Elect: Alyssa Smith
- Treasurer: Chad Livingston
- President: Wesley Wong
- Fundraising Chair: Brett Updyke
- Events Chair: Omar Razvi
- Membership Chair: Sumon Kanpior
- Web page: www.ewbaloha.org
- Engineers Without Borders - Honolulu
  http://www.ewbaloha.org

**2012-2013 Officers**
- President: Wesley Wong
- President-Elect: Alyssa Smith
- Treasurer: Chad Livingston
- Fundraising Chair: Brett Updyke
- Events Chair: Omar Razvi
- Membership Chair: Sumon Kanpior

---