

UHM College of Engineering Update

Dean Peter Crouch thanks all our alumni and friends for continuing to support the college. We could not provide our engineering students with a well-rounded education without your contributions, both dollars and time. Proceeds from the annual banquet support the students, both current as well as prospective. A major use of the funds is for student projects where the students write proposals with their faculty and peers. Seed funds for supplies are provided and the students have the opportunity to pursue national student competitions, conferences and join College research programs. Banquet funds also support STEM (science, technology, engineering and mathematics) events for K-12 students, exciting them about the prospect of majoring in STEM subjects in college. The student projects are showcased each year at the banquet which will be held next year on Thursday, April 21 at the Hawaii Convention Center.

The largest number of undergraduates in over 25 years received their BS degrees in academic year 2014-2015. 230 students earned their civil, electrical or mechanical engineering BS degrees. The last time the College was at this level was in academic year 1987-1988 when 253 students earned their degrees.

The University of Hawaii at Manoa has been named a member of the Vertically Integrated Projects (VIP) Program Consortium. The consortium, a group of institutions led by Georgia Tech, has been awarded a \$5 million grant from The Leona M. and Harry B. Helmsley Charitable Trust to drive systemic reform of STEM education. The VIP Program unites vertically integrated teams of undergraduates from sophomores to seniors with graduate students and faculty to work together on long-term design project. The teams are large (10 to 20 undergraduates each semester), the projects are long-term, and are usually based on an externally funded research topics. Undergraduates in VIP teams earn academic credit for their participation. The UH Manoa VIP Program will begin with three projects: (1) Microrobotics, advised by Associate Professor Aaron Ohta who is the VIP Program Director; (2) Space and Aerial Robotics, advised by Professor **Wayne Shiroma**, and (3) Rapid Prototyping, advised by Associate Professor **David Garmire** (<http://www.eng.hawaii.edu>).

Startup 101, a course taught by **Robert Nakata**, employs Design Thinking to teach students the ins and outs of launching a startup, including doing market assessments, securing funding and protecting their intellectual property. Nakata describes the course as a bridge

between an invention and commercial product. Currently working on his PhD in electrical engineering at UH Manoa, he has nearly three decades of experience as a startup and public company executive. With BS and MS degrees in electrical engineering and computer science from MIT, Nakata also earned an MBA from the Wharton School of Business. He said the biggest challenge facing startups is the market, not the technology.

Our student entrepreneurs have been successful in their endeavors. This past year, the team of **Monica Umeda** (master's degree student, Electrical Engineering) and **Newton Parks** (doctoral student, School of Architecture) won first place in the UH Business Plan Competition. Their prize package included \$10,000 in cash and \$18,500 in accounting, legal and marketing services. Umeda and Parks are co-founders of Akabotics, a company that designs intelligent robots for cleaning waterways in an environmentally friendly and cost effective way. In addition, the team of **Robert Nakata** (doctoral student, Electrical Engineering) and **Rittz Reyes** (undergraduate, Civil and Environmental Engineering) placed third in the same competition. They were awarded \$2,500 in cash and \$4,500 in accounting, legal and marketing services. Umeda and Parks competed on the mainland at several other venues and were successful in winning additional prizes.

Annie and UH alumnus **Fred Chan** have pledged \$250,000 to assist fulltime undergraduate students transferring from any University of Hawaii's Community College into the College of Engineering at UH Manoa. Chan earned his BS in Electrical Engineering from the College of Engineering, and his MS in Information and Computer Sciences from the Colleges of Arts and Sciences and attributes the education he received at UH for much of his success. This new gift builds on the Chans' philanthropic legacy at the College. In 2001 the Chans created The Fred and Annie Chan Endowed Scholarship Fund for Electrical Engineering to support students with an interest in pursuing careers in electrical engineering. Chan has enjoyed a successful career founded on innovation. In 1984 Fred Chan and Forrest Mozer founded ESS Technology Incorporated, a private manufacturer of computer multimedia products based in Fremont, California. Today the company holds a leading market share position in the digital video and audio market (<http://www.eng.hawaii.edu>).

FabLab, a newly established UH maker-space, is located on the 4th floor of Holmes

Hall. **David Garmire**, Associate Professor of Electrical Engineering, is the Lab's director. Students can create prototypes and do cutting-edge research in a collaborative work environment. In the FabLab, students can design and then fabricate prototypes by using equipment for constructing and testing electronic circuits, 3D printing complex objects, and laser cutting and engraving microscale devices, which are some of the capabilities of the FabLab. Projects fabricated include wireless prototyping boards, anti-theft devices, RF detectors, wireless moisture sensors, autonomous road safety devices, solar panel cleaning robots, interactive lighting systems and high accuracy thermal regulators.

Upcoming Events

Twice a year the College hosts a Career Fair for engineering and computer science students. Employers from Hawaii and the mainland recruit students for positions within their companies or summer internships. Please contact Myhraliza Aala, phone 956-0776, email maala@hawaii.edu, if you are interested in setting up a booth at Career Fair. The fall fair will be held on Wednesday, October 21, 2015, at Campus Center Ballroom.

Come to the 8th Annual Holmescoming celebration on Friday, November 20, 2015 and enjoy entertainment, one food and laughter with your classmates. The celebration starts at 5:00 p.m. on the front lawn of Holmes Hall. Check the College's website—www.eng.hawaii.edu—for details on how to get your tickets.

And mark your calendars for the 16th Annual College of Engineering Dinner. It will be on Thursday, April 21, 2016 at the Hawaii Convention Center. Our focus will be on our students and their innovative ideas.

Faculty News

Magdy Iskander, Director of the Hawaii Center for Advanced Communications and Professor of Electrical Engineering, won a National Science Foundation grant to study an innovative solution that could bring broadband wireless service to remote and rural areas in the Hawaiian Islands. According to the Federal Communications Commission's 2015 Broadband Progress Report, about 55 million Americans (17% of the population) lack access to advanced broadband (i.e. 25 megabits per second for downloads and 3 MBPS for uploads), including 53% (22 million people) of rural Americans. The solution is based on improving the efficiency of radio spectrum utilization using smart networking with high-per-



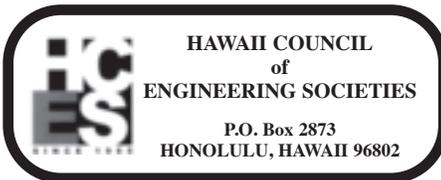
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Additions and/or corrections to the Wiliki mailing list should indicate the proper society, institution or association. Corrections to email addresses should be submitted to your society coordinator.



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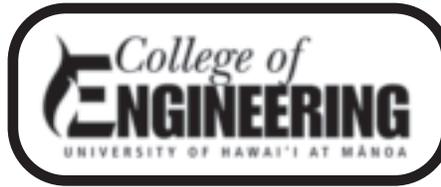
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HCAC Director	Magdy Iskander
HSFL Director	Wayne A. Shiroma

UHCOE, from page 1

formance directional antennas, propagation modeling applications, and spectrum-sensing resources. Iskander said that "new network access protocols need to be developed so that these advances may be achieved without affecting available communications standards and systems." The grant will support three years of research and development, including testing in rural areas of Hawaii.

The City and County of Honolulu is working with the Civil and Environmental Engineering Department and the Hawaii Asphalt Paving Industry (HAPI) to try to extend the life of Hawaii's roads. Associate Professor **A. Ricardo Archilla** received a research grant from the National Center for Pavement Preservation at Michigan State University to study the effectiveness of different pavement preservation treatments. These include slurry seal, seal coat, fog seal, and crack sealing, looking at their durability in a tropical climate like Hawaii. Over a two-year period, Archilla will monitor and observe test patches of these treatments, applied in the Pearl City area by HAPI members, to see if any of these products actually extend pavement life. The City will then use the results to see if the treatments are cost effective.

According to the UH system website, the "Regents' Medal for Excellence in Teaching is awarded by the Board of Regents as tribute to faculty members who exhibit an extraordinary level of subject mastery and scholarship, teaching effectiveness and creativity and personal values that benefit students. The board also awards the Regents' Medal for Excellence in Research." Associate Professor **Aaron Ohta** was awarded an Excellence in Teaching medal. Ohta, an associate professor in the Electrical Engineering Department, carries one of the highest teaching loads in the department for the required undergraduate course sequence. One of his teaching goals is to shape students into critical thinkers and life-long learners. Another is to enhance the student's educational experience using innovative approaches. One such method includes using pre-recorded lectures that the students view prior to class and then spend class time to solve problems and participate in discussion. Outstandingly, Ohta also received a Regents' Medal for Excellence in Research in 2012.

Associate Professor **Yi Zuo**, Mechanical Engineering Department, has developed a new, high-throughput method for sorting cells capable of separating 10 billion bacterial cells

in 30 minutes. The finding has already proven useful for studying bacterial cells and microalgae, and could one day have direct applications for biomedical research and environmental science—basically any field in which a large quantity of microbial samples need to be processed. Almost all of today's previously existing cell-sorting methods rely on what is called a single-cell analysis platform. These methods sort cells by running each individual cell through a kind of gateway that nabs out the ones that embody a single, defined physical property. Such methods can be designed to sort cells by size or identify cells that display a targeted feature, such as a fluorescent dye that has been added. Zuo's method is different. It is a bulk method that sorts different cell populations by turning to their solubility. The new method relies on a measurement principle that sorts cells by differentiating their characteristic

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Website: www.eaauh.org

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SAVE THE DATE!

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.

8th Annual Holmescoming

Friday, November 20, 2015

5pm to 8:30pm

Holmes Hall, UH Manoa Campus

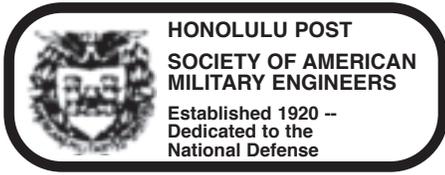
Sponsorships: \$1,500 (\$739 tax deductible. Comes with 10 tickets)

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



P.O. Box 31218, Honolulu, HI 96817
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The Total Building Commissioning Process What It Is and What It Is NOT!

(1 Day, 8 PDHs, 8 AIA LUs | HSW)

September 15, 2015, 8:00 a.m.-5:00 p.m. HST
Airport Honolulu Hotel; The Maui Room
3401 North Nimitz Highway, Honolulu, HI 96819

Instructor: J. Woody Thompson, P.E., CBCP, CPMP, CEM – RS&H Inc.

Learn everything you need to know about the Total Building Commissioning Process. Starting with the definitions of Commissioning (Cx) and Retro-Commissioning (RCx), perceptions and expectations of the Cx process from the perspective of all stakeholders will be presented and discussed with the purpose of illustrating the varying levels of agreement on "What Commissioning Is and Is Not." Through case studies, discussions and interactive activities, participants will discover potential energy conservation and utility cost-saving benefits that go beyond LEED.

Through lecture, written material, class discussion and interactive activities, students will learn the following material:

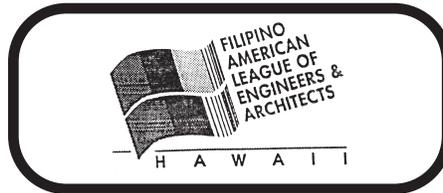
- Definitions of Commissioning (Cx) and Retro-Commissioning (RCx)
- The Cx & RCx Process – Similarities and Differences
- Objectives & Benefits
- Requirements & Attributes of a Certified Cx Provider
- Cx Standards, Regulations & References
- LEED and Cx
- Myths, Reality & Managing Expectations (Case Studies)

FEES	Member	Non-Member
REGISTRATION		
TYPE	Fee	Fee
Govt/Military	\$300	\$400
Industry	\$500	\$600
Small Business	\$450	N/A

Last Day to Register Online is Monday, September 14, 2015 by COB (5:00 p.m. EST).

On-site registration will be available.

For more information on this program, please contact Nick Desport, SAME Deputy Executive Director and Director of Programs, at nde-sport@same.org.



P.O. Box 4135, Honolulu, Hawaii 96812
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AUGUST BOARD MTG HIGHLIGHTS:

SUMMER PICNIC @ "SECRET ISLAND" –
 This may yet become our "Fall" Picnic if there ever is going to be a picnic before the end of this year. It costs \$25.00 per person, and the Resort is open from 9:00 to 3:00 PM. This will be a "potluck" affair with FALFA providing one main dish. Everyone had a grand time when we had our previous outing... so let's all plan on getting together and "escape completely" to our semi-private sanctuary.

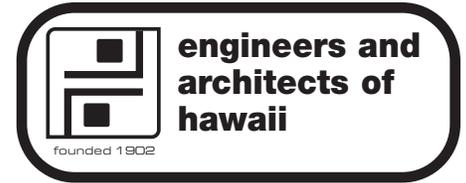
40-HR OSHA TRAINING – The majority voted to have this as one of our Fundraiser activities next year... thanks Roger, for your dedication and commitment to teach the class.

DECEMBER CHRISTMAS PARTY – Mark d'Calendars! FALFA has put in a deposit of \$1,000.00 for the Pomaikai Ballroom at Dole Cannery for Saturday, December 5, 2015. Tickets are \$55.00 per person (11yrs & up, 6-10yrs 50% off, and 0-5yrs, free). Tickets have been or are being distributed. Send an eMail to Frank (fcruzata@aol.com) if you need more tickets, haven't received any yet, and/or want them mailed to you.

13TH ANNUAL BAYANIHAN GALA – The FilCom Center has announced and extended an invitation to this fundraiser scheduled for Saturday, October 31, 2015 at the Sheraton Waikiki Hotel. It starts with cocktails at 5:30 PM with the program commencing promptly and

6:30 PM. The month of October is traditionally celebrated throughout the U. S. as Filipino-American Heritage month and the FilCom Gala is amongst many events happening in the local community calendar. This year's gala is centered on the theme, "Honoring Our Plantation Legacy." Cost is \$250.00 per person. For more information on tickets you can visit filcom.org, or call the FilCom Center office.

HAVE A GREAT AND SAFE MONTH FALFAANS! See you at our next BOD meeting on September 4, 2015!



PO box 4353, Honolulu, Hawaii 96813
An association for Hawaii's Engineers and Architects
WEB address: www.eahawaii.org

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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!!

WILIKI ADVERTISERS NEEDED

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2⁵/₁₆" x 2¹/₂"
(6□)
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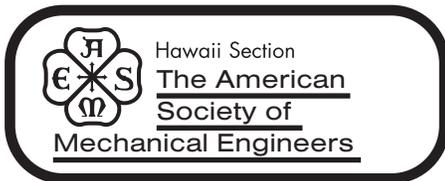
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(11□)
\$72.00

2⁵/₁₆" x 1¹/₄"
\$20.00

The price for the ads will be based on a 1¹/₄" x 2⁵/₁₆" module size which is 1/24th of the page, and be \$20.00 per month with a 15% DISCOUNT for a 6-MONTH RUN.



www.asme-hi.com

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NEXT ASME-HAWAII SECTION GENERAL MEMBERSHIP MEETING

Date: September 16, 2015.
Time: 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.

HILITES OF JULY 22 EXECUTIVE COMMITTEE MEETING

Meeting was held in the Hawaiian Electric Company Ward Avenue cafeteria starting at 5:30 PM with Chairman Derek Sato presiding. The following were discussed:

- Secretary Victor Russell is looking for a speaker for the September 16, 2015 General Membership meeting.
- We are waiting for details for our possible tour of the Hawaii Air National Guard State-of-the-Art F-22 Facility. The Lockheed Martin F-22 Raptor is known as the World's Deadliest Jet Fighter Plane. It replaced the F-15s. Other possible tours include Pearl Harbor nuclear sub and Solar Impulse 2 airplane at Kalaeloa Airport. Contacts need to be established.
- Dr. Zac Trimble showed samples from the Abrasive-Waterjet Technology for machining most materials from macro to micro scales. The seminar by Peter H.T. Liu, Senior Scientist of OMAX Corporation, Kent, Washington, was scheduled for August 4, 2015 at the UHM.
- 3D printers and possible future presentations on this topic.
- Derek Sato spoke briefly of what it takes to manage and comply with a U.S. Department of Transportation's Pipeline and Hazardous Materials Safety Administration (PHMSA) national regulatory program to assure the safe transportation of natural gas, petroleum, and other hazardous materials by pipeline.

ASME HAWAII SECTION HISTORY

A question for the older Engineer, "Do you remember the Ginaca Machine?" Back in 1993 James Grogan got ASME to designate the Ginaca Machine as the 37th International Historic Mechanical Engineering Landmark,

and it is currently designated the 167th Historic Mechanical Engineering Landmark. As of 2015, 258 landmarks are designated by ASME.

The ASME History and Heritage Program began in 1971 to acknowledge mechanical engineering achievements of particular significance. A landmark represents progressive step in the evolution of mechanical engineering. The program illuminates our technology heritage and serves to encourage the preservation of the physical remains of historically important works. It provides an annotated roster for engineers, students, educators, historians, and travelers, and helps establish persistent reminders of where we have been and where we are going along the divergent paths of discovery.

I remember the ceremony at The Dole Cannery in 1993 since I was Vice Chairman at the time and participated along with James Grogan and John Yamamoto, our Chairman. Grogan was part of the Ginaca Historical Landmark Planning Committee along with Dole Packaged Foods Company officials. The Ginaca machines were still in use at the can-

nerly primarily as a tourist attraction, and ceremony participants viewed the machines in action.

With the final closing of the cannery, the bronze plaque commemorating the "Ginaca Pineapple Processing Machine 1911" lost its home. There were discussions of finding a place for the plaque at the Dole Plantation outside of Wahiawa Town. We'll check with James Grogan to confirm its location.

This Historic Mechanical Engineering Landmark designation was an outstanding accomplishment for James Grogan and ASME Hawaii Section. We want to be sure the bronze plaque has a suitable home partially as a reminder to us older engineers who were able to work at the pineapple cannery during summers of the job opportunities provided by the pineapple industry and about how much harder we had to work.



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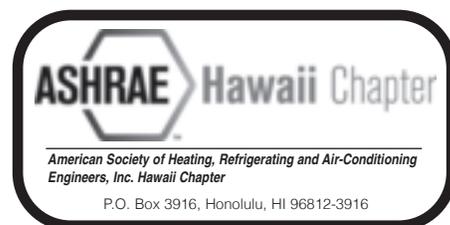
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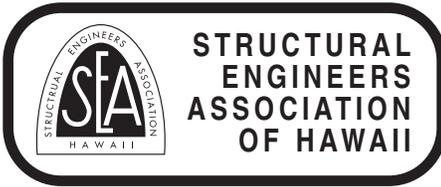


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Web Page URL <http://www.seaoh.org>

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Director (Yr 1)	Gaur Johnson gaur@hawaii.edu	956-2377
Past President	Ethan Okuna eokuna@cshengineers.com	945-0198 x103

HIGHLIGHTS OF BOD MEETING

August 5, 2015

General Membership Meetings/Technical Seminars/Events

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

- September 10 – "ACI318-14 Reorganized for Design Building Code" seminar from 8:00 am – 4:00 pm at the Honolulu Country Club. See website for additional details and registration.
- October 9 – Annual SEAHO Scholarship Golf Tournament at Hoakalei Country Club. Check-in at 10:30AM, Shot Gun Start at 12:00PM. Best Golf on O'ahu! Emails will be sent for registration and details will be posted on www.seaoh.org.

Education Committee

SEAHO is kick-starting our Education Committee! Our education committee will aim to educate and inspire the next generation of engineers. We have many opportunities to present at high school STEM Engineering Days and other events. If you would like to join this committee please contact Committee Chair Lyle Carden (521-4513, lcarden@martinchock.com).

Nominations for 2016 SEAHO Board of Directors

WE WANT YOU! SEAHO 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 x103, eokuna@cshengineers.com). We're actively seeking volunteers or nominees for President, Vice President, Secretary, Treasurer, and Director.

\$1,000 SEAHO Scholarship

We are accepting scholarship applications through September 11. Application is available on the SEAHO website, www.seaoh.org. Intent is to encourage college education for Hawaii's youth - especially for those with structural engineering interests.

New Member Applications

Application for the following individuals has

been received and is open for comments from the membership: Arthur Hung at Tanimura and Associates, Inc as an Allied Member; Benji Batangan at Allison-Ide LLC as an Allied Member

New Member

Colm O'Carroll of Mitsunaga and Associates has been accepted as an Associate member. Craig Meierhoffer of Baldrige and Associates as a Member.

Next Meeting

The next SEAHO Board of Directors and Officers meeting will be on September 2, 2015. For location, contact SEAHO President Fernando Frontera (781-2802 ffrontera@baseengr.com).



Engineers Without Borders - Honolulu
<http://www.ewbaloha.org>

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President: Wesley Wong
President-Elect: Alyssa Smith
Secretary: Erin Allmann
Treasurer: Chad Livingston
Events Chair: Omar Razvi
Fundraising Chair: Brett Updyke
Membership Chair: Sumon Kanpirom



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

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dokimoto@wsue.com
Curtis Beck President-elect
curt137inverse@yahoo.com
Kurt Kunimune Secretary
kkunimune@bowersandkubota.com
Joelle Dubois Past President/Treasurer
jdubois@bowersandkubota.com
Majella Stevenson NSPE HOD Rep
Majella.Stevenson@navy.mil
Barry Nakamoto Educational Foundation
barry.nakamoto@heco.com
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marc@wrsolutions.com
Mandy Saito Maui Chapter Director
mandy@femaui.com

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Wiliki
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President-Elect:	Benjamin Rasa, P.E. <i>email: brasa@ascehawaii.org</i>	531-1308
Vice President:	Timothy Goshi, P.E. <i>email: tgoshi@kaihawaii.com</i>	791-3966
Secretary:	Lara Karamatsu, P.E. <i>email: lkaramatsu@ascehawaii.org</i>	566-2227
Treasurer:	Eric Arakawa, P.E. <i>email: earakawa@ascehawaii.org</i>	596-7790
Immediate Past Pres:	Brian Enomoto, P.E. <i>email: benomoto@ascehawaii.org</i>	388-5559
YMF President:	Puna Kaneakua, P.E. <i>email: pkaneakua@ascehawaii.org</i>	593-1116

JOINT APWA & ASCE HAWAII SECTION SEPTEMBER LUNCHEON MEETING

Program: State of Hawai'i

Speaker: The Honorable Governor David Ige
The topic of discussion will be the Governor's priorities for the State and the role engineers will play in shaping Hawaii's future.

Date: Tuesday, September 8th, 2015

Location: Pomaika'i Ballrooms at Dole Cannery - Iwilei

Time: 11:00 a.m. Registration
11:30 a.m. Lunch

12:00 p.m.-1:30 p.m. Program

Menu: Multi-entrée buffet

Cost: \$40.00 for APWA or ASCE Hawaii Section Members
\$50.00 for Non-APWA & Non-ASCE Hawaii Section Members and Guests

Parking: \$6.00 per car with validation (pay at venue)

Reservations:

Please make checks payable to "ASCE Hawaii Section" and mail to Eric Arakawa, ASCE Hawaii Section Treasurer, The Limtiaco Consulting Group, 1622 Kananui Street, Honolulu, HI 96817, by Tuesday, September 1, 2015. Phone/email RSVP by Thursday, September 3, 2015, (808) 596-7790 or email at eric.a@tlcghawaii.com. No shows will be billed.

OCEA AWARDS BANQUET

At the 2015 Outstanding Civil Engineering Achievement Awards Banquet, various awards will be given to those projects that demonstrate innovative and outstanding civil engineering accomplishments by Hawai'i's design and construction professionals.

Date: Saturday, September 26th, 2015

Location: Treetops Restaurant

Time: 5:00p.m. - 6:15p.m.

Project Poster Viewing

5:45p.m. Installation of the

FY16 ASCE Hawaii Section Officers

6:15p.m. - 7:30p.m. Buffet Dinner

7:30p.m. - 9:00p.m.

Formal Program

2015 ASCE Hawaii Section OCEA Awards Presentation

Menu: Multi-entrée buffet

Cost: Individual Registration: \$65.00 per person early bird or \$75.00 after 9/8/15

Table Registration: \$600.00 per table of 8 early bird or \$650.00 after 9/8/15

Reservations:

Please make checks payable to "ASCE Hawaii Section" and mail to Eric Arakawa, ASCE Hawaii Section Treasurer, The Limtiaco Consulting Group, 1622 Kananui Street, Honolulu, HI 96817, by Tuesday, September 15th, 2015. Any questions on registration, please contact Eric at (808) 596-7790 & eric.a@tlcghawaii.com. No shows will be billed.

EXECUTIVE COMMITTEE MEETING

Last held: Aug 4, 2015

Next meeting: Sept 16, 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/webinars.html> for more 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:

- Design Engineer - Bowers + Kubota Consulting, Inc.
- Facilities Construction Resident Engineer - Bowers + Kubota Consulting, Inc.
- Electrical Engineer - Bowers + Kubota Consulting, Inc.
- Facilities Maintenance Project Engineer - Bowers + Kubota Consulting, Inc.
- Civil Engineer VI - City and County of Honolulu
- Civil Engineer IV - City and County of Honolulu



CCMAA Hawaii Chapter

<http://hawchapter.cmaa.org>

Officers

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

- 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

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>.



Website: hawaii.apwa.net

Hawaii Chapter 2015 Officers

President	Tyler Sugihara <i>tsugihara@honolulu.gov</i>	768-3600
Vice-Pres	Victor Valdez <i>vvaldez@ssfm.com</i>	356-1281
Treasurer	Ryan Char <i>rchar@group70int.com</i>	523-5866
Secretary	Darin Izon <i>dizon@BrwnCald.com</i>	523-8499
Past Pres	Ken Kawahara <i>kck@akinaka.com</i>	836-1900

Joint Meeting with ASCE - September 8

Please join us Tuesday, September 8, for a joint luncheon event with ASCE Hawaii Section at Pomaika'i Ballrooms at Dole Cannery Iwilei. Governor Ige is anticipated to be our featured guest speaker. The topic of discussion will be the Governor's priorities for the State and the role engineers will play in shaping Hawaii's future. Please visit hawaii.apwa.net for additional information.

General Membership Meeting - November

Please join us in November at a General Membership Meeting which will feature the City and County of Honolulu's Complete Streets checklist. The checklist will be used as a tool to implement provisions of the Complete Streets Ordinance. Additional information will be available at hawaii.apwa.net.



2014-2015 YMF Officers

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

YMF General Meeting

The next YMF general meeting is scheduled for Wednesday, September 2, 6:00 p.m. at Chez Kenzo. If you are interested in attending to find out what the YMF is all about, contact YMF at ymf.hawaii@gmail.com.

UHCOE, from page 2

surface free energies (www.hawaii.edu/news).

Constantinos S. Papacostas, Professor of Civil and Environmental Engineering and former department chair, passed away in May of this year. Papacostas, born and raised in Cyprus, attended Youngstown State University in Ohio and earned his PhD at Carnegie Mellon University in Pennsylvania. He completed the last part of his PhD thesis research at the University of Hawaii and was offered a position at UH after he finished his PhD. Thus, in 1973, Papacostas began his outstanding professional career at UH Manoa. He immersed himself in local culture and one of his passions was civil engineering history in Hawaii. He wrote a column for Wiliki o Hawaii, the Hawaii Council of Engineering Societies' newsletter, on "Know Your ASCE History" for which he researched many aspects of buildings, land developments, roads and other engineering topics. As an expert on transportation engineering, Papacostas served in many professional capacities, including a Director for the Institute of Transportation Engineers, Director of the Real Time Traffic Surveillance Laboratory, and Director of the Hawai'i Local Technical Assistance Program (LTAP). He became department chair in 2010, serving in that capacity until his retirement in 2014. The College's condolences are extended to his family.

Student Accolades

Lelemia Irvine, a PhD student in the Civil and Environmental Engineering Department, was awarded an East-West Center Graduate Degree Fellowship for 2015. "The East-West Center Graduate Degree Fellowship provides funding for up to 24 months for Master's or Doctoral degree study for graduate students from Asia, the Pacific, and the U.S. to participate in the educational, residential, and leadership development programs at the East-West Center while pursuing graduate study at the University of Hawaii" according to their website. Irvine's research is on rainwater harvesting as an adaptive technology to climate change with Dr. Oceana Francis as his major professor.

In January of this year, **Erica Wong**, a sophomore in the Civil and Environmental

Engineering Department, was crowned the 2015 Narcissus Queen. She spent four years away from Hawaii dancing professionally with the Ballet Theatre of Maryland and the Milwaukee Ballet plus studying in London for a semester. Wong said she's gained so much from participating in the pageant, learning about her family's history, Chinese culture, the local Chinese community, and even about herself. She now has a clearer idea of what she wants to gain from life and the pageant brought her closer to family members who pitched in to help with pageant events. This is the first time that siblings have won the title of Narcissus Queen as Wong's oldest sister Lisa was crowned queen in 2009. In addition to being a full time civil engineering student, she is a ballet instructor with the Hawaii State Ballet.

The UH Manoa **ASCE Student Chapter** was awarded a 2015 Letter of Recognition for Community Service by the National ASCE. The award commends exemplary community service benefiting others outside of the student chapter. The chapter also received a Letter of Honorable Mention for outstanding activities as reported in their 2014 annual report. Only the top third of student organizations receive this recognition. Fifty members participated in 10 different events at the Pacific Southwest Conference hosted by the University of Arizona in early April. The team placed 11th overall out of 18 schools, with the Steel Bridge Team placing third and earning the right to compete in the national competition held at the University of Missouri in May.

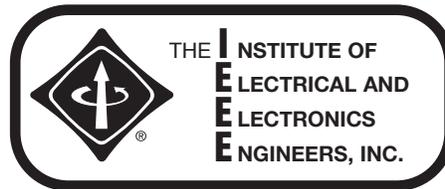


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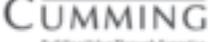
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