Why should I use a Construction Manager?  
*(when I already have a staff of Engineers)*

Article by Tim Bramsen, CCM

Throughout my involvement with CMAA Hawaii, I have had the opportunity to speak with some of Hawaii’s owners regarding the benefit of utilizing Construction Managers (or Certified Construction Managers- CCMs) on their projects. At one of the first such meetings, I was asked, "Why should I use a Construction Manager on my projects when I already have a staff of engineers"? Although it seemed intuitively like such an obvious and valid question, I fumbled a bit on my answer that day, and since then I have spent a lot of time pondering the “right” answer to this question.

I would like to preface my statements by saying that there are many Engineers overseeing construction field operations who work hard and do a fine job, it is not my intent to demean their work in any way. The best CCMs I have ever worked with also had their PE’s.

In its most simple form, a construction project can be broken down into 2 phases. The planning of the work and the execution of the work.

The planning of the work is chiefly the realm of the Engineer (or Architect). Without proper planning, there is no order, no specifications, no scope, no contract. While using a Construction Manager’s skillset in the pre-design and design phases is important to the planning of the project- and will certainly help eliminate impacts of the constructability issues that may otherwise be overlooked, the majority of the planning, calculations, and development of the contract documents is done by the Engineer.

The execution of the contract in the field, ensuring the project is built as well as possible, that construction of the project runs as smoothly as possible, and concludes with the fewest delays or claims possible is the role of the Construction Manager. The Construction Manager in the field is the liaison between the Owner, Engineer (Architect), and the Contractor. He/She is the keeper of the compass (scope) and the stopwatch (schedule) as the facility is constructed.

While formal education is an important aspect of being a CM, the most valuable skills that the CM brings to the table are communication skills and field experience.

Communication is one key. Although blueprints and specifications seem somewhat bulletproof at the time the project is advertised, once construction starts, you will find that another reasonable interpretation exists- that of the contractor building the project. Black and white often become gray. Understanding these gray areas and navigating them to a conclusion that benefits the owner, while keeping the contractor whole- is what we as CMs do. One key to building the best project possible is to develop the common ground between the Owner and the Contractor. That is not to say that you take your eye off the contract requirements, it is actually the opposite of this. It means that you work with the contractor to ensure that, as they start the work, they have the same picture in their head of the finished product as the owner does. Then you manage that process and help them build it correctly the first time; as efficiently as possible. Doing this harnesses the synergy of the larger team and allows both sides to focus cooperatively against the issues that are inherent in the construction of any project. I have been on large and small projects where this has worked.

Field experience is the other key. The ability to look ahead and find/eliminate issues before they arise in the field is not something that you can learn through formal training. It results from years of experience obtained resolving similar situations and issues and either knowing how to avoid them ahead of time or how to effectively handle them when they do happen. This experience is also very effective when negotiating changes to the contract, “arguing “plan and specification interpretations with the contractor, effectively discussing and explaining to non-field personnel issues encountered onsite, finding the “wiggle room” between (what may at times seem like) 2 immovable circumstances that will allow for-
HAWAI'I COUNCIL OF ENGINEERING SOCIETIES
P.O. Box 2873
HONOLULU, HAWAI'I 96802

HAWAI'I COUNCIL
of ENGINEERING SOCIETIES

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HONOLULU POST
SOCIETY OF AMERICAN MILITARY ENGINEERS
Established 1920 – Dedicated to the National Defense
P.O. Box 31218, Honolulu, HI 96817
Web page: www.samehonolulu.org

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2017 SAME Honolulu Scholarship Program
Each year, SAME Honolulu offers several four-year and one-year scholarships to deserv- ing high school seniors and college students who will be or are currently enrolled at a university with an accredited engineering or architecture program. For more information on the 2017 scholarship program categories, eligibility, and scholarship application submission requirements, download the 2017 SAME Honolulu Scholarship Application at www.samehonolulu.org. Application deadline is May 31, 2017 (postmarked).

Winners will be announced in late June / early July 2017. For inquiries, contact the Communications and Scholarship Director, Julie Chen at Scholarship@samehonolulu.org.

2017 SAME Honolulu Pacific Industry Forum and Scholarship
May 9-10, 2017 | Ala Moana Hotel and Kaneohe Klipper Golf Course
The 2017 SAME Honolulu Post Pacific Industry Forum will once again be paired with a Scholarship Program Golf Tournament. The Pacific Industry Forum will be held on May 9 at the Ala Moana Hotel with the golf tournament held on the following day (May 10) at the scenic Kaneohe Klipper Golf Course on Marine Corps Base Hawaii (MCBH).

The forum and golf tournament proceeds will support SAME Honolulu Post’s scholarship program, construction camps, and youth outreach programs for Hawaii students pursuing their education in engineering or architecture. Please save the date and encourage your coworkers, colleagues, and friends to come out and support the future engineers and architects of this country.

The 2017 Pacific Industry Forum will bring SAME sustaining and individual members, non-members, and senior leaders from the Federal, State and County Governments for program briefings, a luncheon, and small business networking opportunities.

The 2017 Scholarship Program Golf Tournament offers excellent networking opportunities while providing friendly competition among firms and Department of Defense/military members.

To register, visit SAME Honolulu website at www.samehonolulu.org.
Competition:
- The DME Industry Advisory Board meeting is in conjunction with the E-fest event. CSU Powered Vehicle Challenge (HPVC) was held in Hawaii West March 17-19, 2017 at the University grounds.
- Interviews for the new Dean of the College of Business.
- The student count for the spring 2017 semester is 400+

UHM DME Report by Dr. Zac Trimble:
- Enhancement information and tips.
- A young engineer, and other career/job search fields, interview preparation and skills, the pre-employment test, job hunting and interviewing. The ASME-Hawaii P.E. Refresher Course will be held on April 30, 2017. Total respondents are holding at 24. Congratulations to all new officers, 2017-2018, who are Froilan Garma, Chairman; Derick Kam, Vice-Chair; Kevin Dang, Treasurer; Jason Frieldt, Secretary; and Raymond Liu and Ronald Flegel, the Member (formerly Director) positions. There is a new position called the Group Page Administrator with Derek Sato, who will also be the Immediate Past-Chair. ASME Hawaii would like to thank Derek Sato for his many years of serving and keeping aloft the Hawaii Section. Although he is stepping down, we are very pleased that he plans to remain very active to help guide the new officers. Thank you, Raymond Liu.

HIGHLIGHTS OF MARCH 28 GENERAL MEMBERSHIP MEETING
Meeting was held at Hawaiian Electric’s Ward Avenue cafeteria on March 28, 2017, and called to order by Chairman Derek Sato. The reports and discussions included the following:
- Student Section Report by Ryan Roque:
  - Newly elected President Ryan Roque announced the newly elected officers and committee chairpersons. The officers are President Ryan Roque, Vice President Karen Calaro, Treasurer Mykal Guigui, and Secretary Michelle Reed.
  - Industry Guest Speaker from Pearl Harbor was Michelle Reed. President Ryan Roque, Vice President Karen Calaro, Treasurer Mykal Guigui, and Secretary Michelle Reed.
- Annual Education Fund Golf Tournament
  - The winning team (Team Ron N.S. Ho & Associates) with President Ryan Char.

ASME-HAWAII P.E. REFRESHER COURSE
The 2017 Spring P.E. Refresher Course ended on April 19, 2017 with the Review and Questions session after 19 classes conducted by volunteers Dr. Charly Kinoshita, Dr. Stephen Masutani, Dr. Zac Trimble, and Raymond Liu, P.E. The Hawaii Section thanks these Mechanical Engineer instructors for their dedication and promotion of mechanical engineering. They donated many hours preparing for and conducting refreshers on Thermodynamics, Heat Transfer, Fluids, Machine Design, Mechanics, and HVAC.

For Raymond Liu, besides facilitating and instructing the HVAC, Engineering Economics, Electricity & Electrical Equipment chapters, he facilitated the mock exams, and organized and coordinated this entire P.E. Refresher Course. Thank you, Raymond Liu.

2017 ASME-HI BALLOT AND SURVEY
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NEXT ASME-HAWAII SECTION GENERAL MEMBERSHIP MEETING
Date: June 6, 2017
Time: 5:30 pm to 7:00 pm
Place: HECO Ward Ave Cafeteria Conference Room
Agenda: To be announced. This will be the last meeting as Chairman for Derek Sato.

As usual, all members are invited and encouraged to attend our meetings. There are always lots of complimentary pizza and soft drinks. Please contact Chairman Derek Sato for directions and for more information, such as parking within Hawaiian Electric’s Ward Avenue facilities.

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ASCE JOB LISTINGS
The following job listings are currently posted on the ASCE Hawaii Section website:
- Civil Engineer – AECOM
- Assistant Program Administrator – City and County of Honolulu
- Civil Engineer V (Geotechnical) – City and County of Honolulu
- Civil Engineer V – City and County of Honolulu
- Mechanical Engineer V – City and County of Honolulu
- Design and Construction Branch Chief – City and County of Honolulu
- Junior Engineer – GPRM Prestress
- Civil Engineer – Group 70
- Project Manager – Group 70
- Senior Geotechnical/Geological Engineer – Hart Crawler
- Project Geotechnical/Geological Engineer – Hart Crawler
- Construction Project Engineer – Jas. W. Glover, Ltd.

FOR MORE INFORMATION
Please visit http://www.ascehawaii.org/job-listings.html.

LETTER FROM THE ACECH PRESIDENT
Written by Corey Matsuoka, P.E., PMP, LEED AP

Remember “I’m Just a Bill” by Schoolhouse Rock!? It’s about how a bill becomes a law, and that was the extent of my legislative knowledge for a long time. Turns out, it’s much more complicated than that. Who know right? Well it turns out, ACECH does.

Lead by its Legislative Committee, ACECH remains active at the Capitol, protecting public interest relative to the built environment, and enhancing the business interest of the engineering profession. Committee members spend hundreds of hours a year, going through potential legislation, meeting with legislators, providing testimony and even testifying in person. It’s a tremendous service they do for the engineering community.

This year, the major issues we are following are:
- Protection of Qualification Based Selection for professional services from potential erosion via numerous procurement related bills.
- Funding for the State Building Code Council (which is currently not funded).
- Addressing the potential suspension of the National Flood Insurance Program in Hawai’i by FEMA.
- Infrastructure funding proposals.
- Changes to the sick leave requirements that a business provides to its employees.

At the end of April, a delegation representing ACECH will also be going to ACEC’s Annual Convention in Washington DC where we will be meeting with our local delegation of Representatives and Senators. Two things we will be discussing with them are:
- Support for a major infrastructure package this year that includes both incentives for public-private partnerships (P3s) and innovative financing, as well as additional direct federal spending to support core federal infrastructure programs, including the Highway Trust Fund and programs to support water projects;
- Comprehensive tax reform legislation that treats all business structures equally, and one that provides the funding and financing mechanisms to support the infrastructure package.

These issues significantly impact engineering firms and ACECH continues to protect our member’s interest. If you’re interested in participating in our legislative committee and learning all the things beyond “I’m Just a Bill”, please let us know.

Corey Matsuoka, P.E., PMP, LEED AP
ACECH President (FY 2016-2017)

P.O. Box 88840
Honolulu, HI 96830
Website: www.ascehawaii.org

2016-2017 Board of Directors
President - Corey Matsuoka, SSFM International
President-Elect - Jeff Kalani, Yogi Kwong Engineers
Treasurer - Sean Sugai, Ronald N.S. Ho & Associates
Secretary - Ken Kawahara, Akinaka & Associates, Ltd.

MAY LUNCH MEETING (MAUI)
Our May meeting will be in Maui on Friday, May 12, 2017. Please visit www.ascehawaii.org for updates.

EXECUTIVE COMMITTEE MEETING
Last held: Wednesday, April 5, 2017
Next meeting: May 3, 2017

INFRASTRUCTURE REPORT CARD
The 2017 Infrastructure Report Card has just been released on March 9th. Every 4 years, a group of civil engineers provide a comprehensive assessment of our nation’s infrastructure across 16 categories. The overall infrastructure grade is a D+, unchanged since the 2013 report card. Three categories received a grade of F: Airports, Bridges, and School Facilities.

ASCE estimates that the nation’s infrastructure needs a total of $2 trillion over the next 10 years, increasing by $1 trillion every decade. To read more about the report card, visit http://www.infrastructurereportcard.org/.

Hawaii is the only one in Region 8 that does not have a state report card. If you would like to help create one for Hawaii, please contact Tim Goshi, tgoshi@ascehawaii.com.

CONTINUING EDUCATION
ASCE National holds more than 75 seminars, courses and computer workshops each year on a wide variety of technical, management, and regulatory topics. These seminars are held in more than 95 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.ascehawaii.org/links.html and click on the ASCE National for complete details.

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

Deadline for Wiliki
is May 15th

P.O. Box 88840
Honolulu, HI 96830
Website: www.ascehawaii.org

2016-2017 YMF Officers
Norman Leong, President
email: nleong@ascehawaiiymf.org
Jordan Urabe, Vice President
email: jurabe@ascehawaii.org
Nicole Nakao, Secretary
email: mnakao@ascehawaii.org
Austin Wong, Treasurer
email: awong@ascehawaii.org
Amanda Tanaka, Past President
email: atanaka@ascehawaii.org

YMf General Meeting
The next YMF general meeting is scheduled for Thursday, May 4, 2017 at 6:00 pm at Fort Shafter Bowling Alley. If you are interested in attending and learning more about the various professional, social and service opportunities available through YMF, please contact YMF at ymf.hawaii@gmail.com.

Deadline for Wiliki
is May 15th

2016-2017 ASCE Hawaii Section Officers
President: Tim Goshi, P.E.
email: tgoshi@ascehawaii.com
Pres.-Elect: Lara Karamatsu, P.E.
email: lkaramatsu@ascehawaii.org
Vice Pres.: Eric Arakawa, P.E.
email: earakawa@ascehawaii.org
Treasurer: Jason Kage, P.E.
email: jkage@ascehawaii.org
Secretary: Dayna Nemoto-Shima, P.E.
email: dnemoto@ascehawaii.org
Past Pres.: Ben Rasa, P.E.
email: braasa@ascehawaii.org
YMF Pres.: Norman Leong, P.E.
email: nleong@ascehawaiiymf.org

2016-2017 YMF Officers
Norman Leong, President
email: nleong@ascehawaiiymf.org
Jordan Urabe, Vice President
email: jurabe@ascehawaii.org
Nicole Nakao, Secretary
email: mnakao@ascehawaii.org
Austin Wong, Treasurer
email: awong@ascehawaii.org
Amanda Tanaka, Past President
email: atanaka@ascehawaii.org

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2017 BOD OFFICERS AND DIRECTORS
President             Jonathan Murai                  791-3952
jmurai@kaihawaii.com
Vice President     Jeoffrey Cudiamat              488-5000
jcudiamat@structuralhawaii.com
Secretary            Andrew Pang                     535-3008
andrewp@nagamineokawa.com
Treasurer             Reid Nishimura                  521-6958
reid.nishimura@englekirk.com
Director (Yr 2)    Damien Enright                  845-2474
structurs001@hawaii.rr.com
Director (Yr 1) Michael Greer                     591-2728.
mgreer@wje.com
Director (Yr 1) Deborah Kim-Ito                271-2862
dkimito@pono-gms.com
Past President     Jeffrey Hanyu                     536-2108
jeffreyhanyu@allisonide.com

PREVIOUS BOD MEETING
April 7, 2017
Code Committee is tracking two bills in the Legislature that would fund the State Building Code Council so that the amendments to the 2012 International Building Code can be administered. SEAOH has submitted letters in support of the bills.

Scholarship for Young Member Group to NCSEA Summit
Applications for NCSEA scholarships for YMG members to attend the annual summit in Washington, D.C. during October 11-14, 2017 are available. Scholarships include summit registration and a $500 travel stipend. Contact Jonathan Murai for more information.

General Membership Meetings/Technical Seminars/Events
For all events see seaoh.org or look for email flyer for registration.
- SEAOH Golf Tournament – October 20, 2017, Hoakalei Country Club, details to be announced.

Next Meeting on May 3, 2017. For information, contact SEAOH President, Jonathan Murai jmurai@kaihawaii.com.

APRIL/MAY 2017 HIGHLIGHTS:
FALEA BOARD SCHOLARS DINNER – April 8, 2017, @ Buzz’s Original Steakhouse in Pearl City. Good feedback from attendees to this special event including FALEA President Gene Albano who sent the following message: “I just wanted to thank everyone for a very nice evening that included an incredible act of kindness by the Sapigao’s in matching the scholarship given to Christina Agustin. Her courage to share her personal story was so very touching I am sure everyone was emotionally affected by her speech. As mentioned that night, the 2017 scholarship cohort is now on their task to develop the first “Kamiseta” which will be the first fundraising effort to increase the FALEA Foundation funding. I’ll be personally mentoring the group on collaboration and if there is anyone who like to also be involved please let me know. I intend to always be involved with “Kamiseta” as FALEA continues.”

NEXT FALEA BOARD MEETING – Notices, along with the Agenda should have been sent out by the time you read this.

HAVE A GREAT AND SAFE MONTH!!

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

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THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

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Secretary:    Grant Torigoe
CMAA Hawaii Chapter
http://hawchapter.cmaa.org

2016 – 2017 CMAA Hawaii Board
PRESIDENT: Chandra Namumnart, CCM, CISEC
Vice-President: Jeff Mack, P.E. (CH2M)
SECRETARY: Julie Hero, P.E., CCM (SSFM International)
TREASURER: Alex Pascual, P.E. (Bow Construction Management Service, Inc.)
PAST PRESIDENT: Brian Todd, P.E., CCM (Bow Construction Management Service, Inc.)
DIRECTOR: Derek Mukai, P.E., CCM (Community Planning and Engineering, Inc.)
DIRECTOR: Tim Bramsen, CCM (Bowers + Kubota Consulting)
DIRECTOR: Mike Young, P.E., CCM (Bowers + Kubota Consulting)
DIRECTOR: Jeff Clark (Flour)

CMAA Hawaii Chapter News:
CMAA Hawaii has a lot going on in April and May! In April, we held our 2nd Happy Hour networking event at Mai Tai’s Ala Moana which was well attended and (as always) lots of fun. We followed this up with our 2nd community service event of our 2017 year on April 22nd, working to assist the YWCA in Kaneohe on a beautification project that will benefit our Windward side Ohana. Thanks to Frank Parker for his efforts to facilitate this event and to all of our members who participated in the event. If you would like to join this committee and help organize these worthwhile activities, please contact our community Service Chair Frank Parker at Frank.Parker@ch2m.com.

We will be opening the enrollment period for the 2017 Professional Construction Management (PCM) class next month- Last year this class sold out- so if you would like a seat- please don’t procrastinate!

We are also accepting applications for the CMAA Hawaii 2017 Scholarships; CMAA Hawaii will award 2 scholarships for $1000 each to full time undergraduate students currently enrolled at Honolulu Community College or University of Hawaii and interested in or pursuing a major/minor in Construction Management, or a dependent of an active CMAA Hawaii Chapter/Student Chapter member who has been accepted to attend a university or college and is interested in Construction Management with a cumulative GPA of 3.0 or higher. If you are interested in applying for one of these scholarships, please watch for our email blasts with more information and links to the application. Due date for submission is Friday June 30, 2017 at 4pm. Don’t miss this opportunity!

We would love for you to be a part of the excitement that is CMAA Hawaii. Our chapter is here as a resource for all Construction Engineering and Management professionals, and the things that we do benefit not only our CM community but our larger Ohana as well.

If you have any questions regarding any of our upcoming events, would like to join our Ohana and become more involved with the CMAA Hawaii Chapter or would simply like to be added to our email list, please email us at hawaii.cmaa@gmail.com, or at our mailing address; CMAA Hawaii, PO Box 531, Honolulu, HI 96809.

Looking for a CCM? The current listing for all Hawaii CCMs can be found here: https://cmaanet.org/certified-construction-managers-registry.

EAH 2016-2017 Officers
President Sam Gillie, PE 542-4739
1st VP Dan Martin PE 543-4504
2nd VP Open
Treasurer Aaron Erickson, PE 591-2728
Secretary Gary Yamamoto, PE 485-2777
Sr.Actors Martin McMorow 256-4713
Director Phil Blackman
Director Howard Wilg, PE 587-3811
Director Bill Brizee, AIA 523-9636
Past Pres Michael Albright

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!!

Please join us for CMAA Hawaii Chapter’s 6th Annual Mini-Conference on May 18, 2017, at the majestic Ko’olau Ballroom on windward Oahu. From 8:00 am to 3:00 pm, we will have presentations from various professionals in the Engineering and Construction industry, with a Happy Hour Reception to follow.

PROGRAM:
8:00 a.m. – Registration / Exhibits Open
9:00 a.m. – Morning Sessions
11:30 a.m. – Luncheon Buffet
1:00 p.m. – Afternoon Sessions
2:45 p.m. – Program Ends
3:00 p.m. – Social Hour (pau hana, pupus will be provided)

SPEAKERS:
Session 1: Paul Brussow, Rider Levett Bucknall
Session 2: Michael Carroll, Bays Lung Rose & Holma
Session 3: Norman Takeya, Honolulu Community College
Luncheon Speaker: Frank Hopkins, CH2M & Wai Yi Ng, C&C Honolulu
Session 4: Curtis Motoyama, ADA Specialist for HDOT
Session 5: Mary Sullivan, Lawson & Associates
Session 6: Jim Kelly, HECO

Price is $100 for members, $150 for non-members, and $50 for students.

Online Registration:
https://docs.google.com/forms/d/e/1FAIpQLSewudSzZ68vKhWb8hVYIMhFmfHwlt4yR-xCzdATy7MvCzGia/viewform

WILIKI ADVERTISERS NEEDED

The price for the ads will be based on a 1 1/4" x 2 1/8" module size which is 1/24th of the page, and be $20.00 per month with a 15% DISCOUNT for a 6-MONTH RUN.

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Construction Manager, from page 1

ward progress of the project to continue, and backstopping and mentoring the onsite CM team.

Putting a price on the value of a good Construction Manager is not an easy task. You can’t really compare what the project would have cost without one to what it actually cost using a CM because that value lies in the amount of money not spent during construction. You cannot quantify the improved quality of the completed project from what it might have otherwise been, or, over time, the value to the owner of being regarded as reasonable or proactive when advertising projects in a low bid environment.

In conclusion, “Why should I use a Construction Manager on my projects?” I would submit that the skill sets and strengths of Engineers, Architects, and Construction Managers are each very different, but complementary—each is crucial to the ultimate success of the project. The soft skills of knowing the field operations and being an effective communicator and problem solver are every bit as necessary as a solid set of contract documents to the success of the construction of the Owner’s project/program.

Shout out for CMAA- CMAA is a National Organization (www.cmaanet.org) formed in 1982 as a way to establish a set of standards for managing capital construction projects. Our Hawaii Chapter was started in 2010 and has made a name for ourselves winning National Chapter of the Year 3 consecutive years since. One of the primary focuses of CMAA is the obtaining of the CCM certification—which requires (in addition to education and experience) having worked in a “Responsible in Charge” position making decisions on behalf of the owner for the project for a minimum of 4 years. Maintenance of the CCM certification also requires continuing education. Currently, there are over 3500 CCMs—a 54% increase over the past 5 years! If you are interested in finding a CM in Hawaii, you can find a listing of them here—http://cmaanet.org/certified-construction-managers-registry.

APWA, from page 3

60th Annual Hawaii State Science and Engineering Fair

The 60th Annual State Science and Engineering Fair was held April 10-12 at the Convention Center. The fair is the culmination of countless hours of difficult work performed by students to conduct scientific research, prepare a display board to explain the research, and defend their research to individual scientists.

Hawaii Chapter is proud to partner with the Hawaii Academy of Science to recognize and bestow monetary awards to several of these aspiring scientists and engineers.

Scholarship Information

Hawaii Chapter is excited to again offer partial scholarships towards higher education tuition to eligible students who major in a public works-related field. Interested applicants may contact Victor Valdez at 356-1281 or vvaldez@ssfm.com.

Community Service

Last year, Hawaii Chapter participated in the City and County of Honolulu’s Malama-o-‘Āina program by painting out graffiti at the 16th Avenue Boulder Basin in Kaimuki. The Chapter intends to continue giving back to the local community with an upcoming service project. Information on future chapter events, such as community service projects, may be found at hawaii.apwa.net.

Recipients of APWA Hawaii Chapter awards with President Ryan Char.