

## 2007 HAWAII STATE MATHCOUNTS COMPETITION

Washington Middle School knocked off Iolani School and Punahou School to take first place in the 24th Hawaii State MATHCOUNTS Competition on March 10, 2007, at Kamehameha Schools. This is an extraordinary feat because the Team Award has either gone to Iolani or Punahou since MATHCOUNTS started in Hawaii in 1984. The private schools had a lock on the first place title, but this time Washington Middle School armed with a team of Richard Chang, Julia Chen, Jonathan Huang, and Naoki Shigeta could not be beaten by the private schools. Their proud coaches are Cynthia Ching and Lance Iida.

MATHCOUNTS is a national math competition for 6th, 7th and 8th graders. Students compete individually in the Sprint Round solving 30 math problems in 40 minutes. Next comes the Target Round where students try to solve eight problems within approximately 30 minutes. The Team Round finishes the written portion of the competition. In this round students work together solving 10 problems in 20 minutes.

### TEAM AWARDS

Washington Middle School was followed by second place Iolani School with team members Teresa Ou, Sam Savitz, Dustin Shigaki, Tracy Young, and coaches Li Ann Wada, Annette Matsumoto, and Larry Teske. Third place went to the Punahou team of William Chen, Alda Lam, Nicholas Lee, Sarah Loui, and coach Todd Chow Hoy. In fourth place was Waiakea Intermediate School with team members Mark Seu, Katherine Torigoe, Liann Yamashita, Erin Yoshida, and coaches Arlene Cabalce, Tanya Lee, and Michael McCumskey. Fifth place went to the Milliani Middle school team of William Gaul, Melissa Hamada, Kimberly Tatsuyama, Amy Yagi, and coaches Geri Hamada and Christopher Baxa. In sixth place was Parker School with team members Daniel Gregg, Kimo Hon, Mary Kamitaki, Annie Sturges, and coach Chitra Seshan. Ten finalist teams from the Chapter competitions through out Hawaii participated in this event. Clearly, three of the top six teams were public schools showing their proficiency in mathematics.

### INDIVIDUAL AWARDS

Most important are the individual performances. The public schools did very well. First place as a result of their total scores in the written individual testing of the Sprint and Target Rounds went to Richard Chang of Washington. He was followed by second place William Gaul of Mililani, third place Kimo Hon of Parker, fourth place Mark Seu of Waiakea, fifth place Naoki Shigeta of Washington, sixth place William Chen of Punahou, seventh place Dustin Shigaki of

Iolani, eighth place Hao Chen of Iolani, ninth place Sam Savitz of Iolani, and tenth place Sarah Loui of Punahou.

These ten Mathletes qualified to compete in the final Countdown Round to determine which four would represent Hawaii at the National MATHCOUNTS Competition on May 11, 2007 in Fort Worth, Texas.

The Countdown Round is a fast-paced, oral competition for the top-scoring individuals. In this round, pairs of Mathletes compete against each other and the clock to solve problems. Calculators are not permitted. The pairing starts with the ninth and tenth place individuals. Three questions are read to each pair of Mathletes, one question at a time, and the Mathlete who scores the most points (not necessarily 2 out of 3) captures the place, progresses to the next round and challenges the next highest-ranked student. This procedure continues until the fourth-ranked Mathlete and her/his opponent compete. For the final four rounds, the first student to correctly answer three questions advances. The

Countdown Round proceeds until a first-place individual is identified.

The top four winners of the Countdown Round and going to the National are first, Naoki Shigeta of Washington, second, Richard Chang of Washington, third, William Gaul of Mililani, and Fourth, Kimo Hon of Parker. The official Hawaii State Team Coach, Cynthia Ching of Washington, will accompany them.

### AWARDS PRESENTERS

Deputy Superintendent, Clayton Fujie, Department of Education was on hand for this momentous occasion for the DOE. He along with Gail Hayashi, Manager, Corporate and Government Sales, Aloha Airlines; Rowena Blaisdell, Director of Program Services, Kamehameha Schools; and Nathan Yuen, Director, Honolulu Chapter of the Hawaii Society of Professional Engineers (HSPE) presented the awards.

Aloha Airlines, Hawaiian Electric Company, Inc., HSPE and Kamehameha Schools are major sponsors of Hawaii MATHCOUNTS.



*The winning Washington Middle School team before the competition, L-R: Coach Cynthia Ching, Jonathan Huang, Naoki Shigeta, Richard Chang, coach Lance Iida, and Julia Chen.*



*The Hawaii Team going to the National, L-R: Coach Cynthia Ching, Naoki Shigeta, Richard Chang, William Gaul, and Kimo Hon.*



Published monthly by:

HAWAII COUNCIL OF ENGINEERING SOCIETIES

SERVICE PRINTERS, INC.

1829 Dillingham Boulevard • Honolulu, HI 96819  
Telephone: (808) 841-7644 • Fax: (808) 847-1487

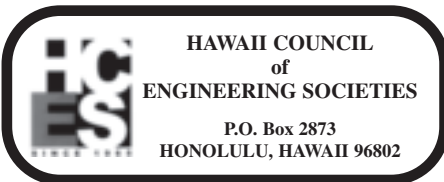
ADDRESS ARTICLES FOR PUBLICATION TO:  
WARREN YAMAMOTO

1526-C Pukeye Avenue • Honolulu, HI 96816  
Telephone: 527-6988

**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.

Laverne Higa  
Department of Facility Maintenance  
1000 Ulukouia Street, Suite 215  
Kapolei, Hawaii 96707  
Office: 808-692-5054  
Fax: 808-692-5857



HOME PAGE: <http://hces.us>

**2007-2008 OFFICERS**

|             |                    |          |
|-------------|--------------------|----------|
| Chair:      | Todd Barnes        | 275-2901 |
| Vice Chair: | Maelyn Uyehara     | 521-2641 |
| Secretary:  | Grant Torigoe      |          |
| Treasurer:  | Walter Billingsley | 846-3232 |

| <b>SOC</b> | <b>Representative</b> | <b>Alternate</b> |
|------------|-----------------------|------------------|
| AACE       | M. Uyehara            |                  |
| ASCE       | W. Billingsley        | W. Chun          |
| ASME       | J. Grogan             | R. Liu           |
| EAH        | M. McMorrow           | G. Yamamoto      |
| FALEA      | M. Shoji              |                  |
| HALS       | E. Kaneshiro          |                  |
| HSPE       | Q. Komori             |                  |
| IEEE       | G. Torigoe            | O. Libed         |
| ITE        | C. Yoshida            | R. Archilla      |
| LGSEA      | W. Wong               |                  |
| SAME       | T. Barnes             |                  |
| SEAOH      | D. Doi                |                  |
| SFPE       | S. Dannaway           |                  |
| UH(assoc)  | S. Choi               |                  |



**2007 OFFICERS**

|           |                                     |
|-----------|-------------------------------------|
| President | Maelyn Uyehara                      |
| Vice Pres | Thomas Taam                         |
| Treasurer | Dr Amarjit Singh                    |
| Secretary | Jian Zhou                           |
| Directors | Alan Cadieux, Anas Nasr, Cassie Yap |

**Hawaii Association of Land Surveyors  
1st Annual Golf Tournament**



**Hawaii Prince Golf Club  
91-1200 Fort Weaver Rd.  
April 13, 2007**

Registration/Lunch: 11:00am  
Shotgun Starts: 12:00pm  
Tournament Fee: \$135.00 per player  
All proceeds to benefit "Hospice Hawaii"  
Includes: lunch, green fee, cart, 1 mulligan, prize contests, beverages, Buffet Dinner & Prizes  
Scramble Format: Min. 4 Drives per Player, Maximum 2 Putt

For more information contact Kevin Kea at (808) 521-3990  
Respond by March 20, 2007  
Make checks payable to: "HALS"  
Mail to:  
735 Bishop Street, Suite 330  
Honolulu, HI 96813

- Sponsorships:**  
Grand Sponsor \$1,250.00
- 3 paid players
  - 6 sleeve logo balls
  - 3 tournament shirts
  - company tee sign
  - 2 logo banner
  - lunch, dinner
  - 2 mulligans each
- Tea Sponsor \$750.00
- 3 paid players
  - 3 sleeve logo balls
  - company tee sign
  - lunch, dinner
  - 1 mulligan each
- HALS Sponsor \$500.00
- no players
  - 3 tournament shirts
  - company tee sign



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

**2006-2007 OFFICERS**

|            |                                                                           | Phone    | FAX      |
|------------|---------------------------------------------------------------------------|----------|----------|
| President  | Barry Jim On                                                              | 521-3773 | 521-3993 |
| Pres-Elect | Jon Nishimura                                                             | 944-1821 | 946-9339 |
| Treasurer  | Norman Kawachika                                                          | 531-1308 | 521-7348 |
| Secretary  | John Katahira                                                             | 596-7790 | 596-7361 |
| PastPres   | Janice Marsters                                                           | 484-5366 | 484-0007 |
| Natl. Dir. | Roy Yamashiro                                                             | 945-0198 | 944-1177 |
| Directors  | Sheryl Nojima                                                             | 521-0306 | 531-8018 |
|            | Douglas Lee                                                               | 523-8499 | 533-0226 |
|            | Terrance Arashiro                                                         | 533-3646 | 526-1267 |
| Exec.Dir.  | Ginny M. Wright                                                           | 741-4772 | 234-1721 |
|            | Email: <a href="mailto:gwright@acechawaii.org">gwright@acechawaii.org</a> |          |          |

**2007 Disability Access  
Conference: Design For All**

The Disability and Communication Access Board (DCAB) is presenting the "2007 Disability Access Conference: Design For All" on Thursday, September 6, 2007 at the Ala Moana Hotel in Honolulu, Hawaii. This full-day conference is an opportunity for individuals and design professionals to learn, share ideas and promote exemplary designs that respect people of all ages and abilities, be they children, adults, seniors or those with disabilities.

DCAB is seeking entries for the first "Accessible Design Awards," recognizing buildings, facilities and sites that are not only accessible but also aesthetic, functional and that enhance the entire user experience. Projects will be judged in three categories: 1) Public Design (Non-residential); 2) Private Design (Non-Residential) and 3) Residential Design (Public or Private). Award recipients will be honored and recognized at the "2007 Disability Access Conference: Design For All". Interested individuals, businesses or design firms can go to "Call for Entries" on the DCAB website [www.hawaii.gov/health/dcab](http://www.hawaii.gov/health/dcab) for the submittal requirements and entry form. All entries must be received by 4:00 pm, June 15, 2007. Printed and electronic copies can be obtained by contacting Mona Higa or Laurie Palenske at the Disability and Communication Access Board at 586-8121 (Phone/TTY) or by email at [mona.higa@doh.hawaii.gov](mailto:mona.higa@doh.hawaii.gov) or [laurie.palenske@doh.hawaii.gov](mailto:laurie.palenske@doh.hawaii.gov).

**Next Deadline for  
Wiliki  
is April 15th**

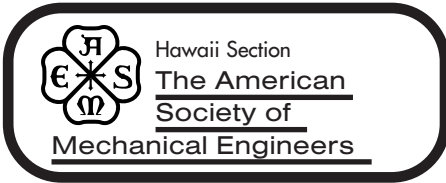
**2007 Corps of Engineers  
Workshop**

The 12th annual Honolulu District, U.S. Army Corps of Engineers workshop for architects and engineers, construction contractors and others in related fields, interested in doing business with the Corps will be held at the Hale Koa Hotel in Waikiki, on Wednesday April 11, 2007 from 7:30 a.m. to 1:30 p.m.

The focus will be on informing private sector companies about what they must do to successfully obtain and execute work with the Corps. Most of the day will be devoted to a wide range of break out sessions covering the following topics:

- Military Construction (MILCON) Transformation Lessons Learned
- How to Prepare a Winning Proposal
- Military Construction Quality Control on Design Build Contracts
- Design and Construction Quality Issues and POH Initiatives
- Fire Life Safety
- BIM and Other Electronic Deliverables
- Safety LEED - How to Achieve Silver Rating
- Public Key Infrastructure (PKI) Certificate

On-line registration for the workshop is available at [www.acechawaii.org](http://www.acechawaii.org).



Website: [www.sections.asme.org/hawaii](http://www.sections.asme.org/hawaii)

#### ASME-HI 2005-2006 Officers

|             |                 |          |
|-------------|-----------------|----------|
| Chairperson | Raymond Liu     | 521-3773 |
| Vice-Chair  | Derick Kam      | 848-6966 |
| Secretary   | Ron Flegal      |          |
| Treasurer   | Kevin Dang      | 737-1708 |
| Dir 2 yr    | James Grogan    | 254-2947 |
| Dir 1 yr    | Chester Kaitoku | 527-6063 |

#### NEXT ASME-HAWAII SECTION MEETING

Date: May 8, 2007  
 Time: 5:30 pm to 7:00 pm  
 Agenda: General Membership Meeting  
 Place: Hawaiian Electric Ward Avenue Cafeteria

Please contact Ray Liu or Ron Flegal for directions and for more information.

#### ASME AT ENGINEERS WEEK BANQUET CELEBRATION

ASME Senior members Raymond Liu, Derick Kam, Chester Kaitoku, Kevin Dang and wife Dawn, along with University of Hawaii ASME Student section members Sara Fong, Stuart Akagi, Brandon Mikami, Eric Brown and Kory Ikeda attended the annual Engineers Week Banquet held on Saturday, February 24, 2007 at the Hale Ikena Banquet rooms at Fort Shafter.

This annual event, sponsored by the Hawaii Council of Engineering Societies (HCES), celebrated the culmination of weeklong activities and public recognition of the significant contributions

of the engineering profession. In addition to helping celebrate Engineers Week, the senior and student sections provided services at the registration table by presenting nametags, informing attendees of table assignments and presenting leis to the many special invited guests which were sponsored by the many engineering firms in the State.

The evening's program included a buffet dinner and the awards presentation for the Engineer of the Year, Young Engineer of the Year, and the Student Engineer of the Year. The highlight of the evening was the keynote speaker, Dr. Kent Keith, who shared with us his principles of how to find meaning in a crazy world as described in his nationally best selling book entitled "Anyway: The Paradoxical Commandments." Dr. Keith is also internationally known for his second book, "Do It Anyway: The Handbook for Finding Personal Meaning and Deep Happiness in a Crazy World."

Capping off the evening's event was the installation of officers for the HCES, and a speech given by incoming and past President Todd Barnes. The ASME Hawaii section congratulates the new HCES officers and invites the membership to join us in next year's Engineers Week celebrations. For more information, please call Raymond Liu at 497-1395.

#### 2007 MATHCOUNTS COMPETITIONS

The State Competition was held Saturday, March 10, 2007, at the Kamehameha Schools Kalama Dining Hall. The following ASME members volunteered their Saturday morning to help proctor or score the competition: Ed Chang, Ron Flegal, James Grogan, Derick Kam, and Charly Kinoshita.

The MATHCOUNTS Steering Committee would like to thank all the volunteers from HECO,

U.S. Army Corps of Engineers, and SAME. Also thanks to Lou Muzzarini for again moderating the competition, Lynne Ebisui of the Gas Company, and Ann Yoneshige of Iolani School. Please see the MATHCOUNTS article in this Wiliki issue.

#### P.E. REFRESHER COURSE UPDATE

The study group continued to meet in Holmes Hall on Saturdays from 8a.m. to 12 noon in preparation of the spring exam. Participants are expected to work the problems before coming to class to work through the solutions together in class. Ray Liu leads the class and gives "mock exams" periodically. There are four candidates participating in these informal sessions.

A formal class is being planned for the October exam similar to the one held last fall. Watch for the announcements, especially if you plan to take the exam in the fall.

#### MCKINLEY HIGH SCHOOL CAREER FAIR

James Grogan and Raymond Liu will participate in the McKinley HS Career Fair on April 3, 2007. They share duties of participating in school career days or fairs throughout the year with Derick Kam and Chester Kaitoku. The goal is to promote mechanical engineering and engineering as a whole to middle and high school students.

#### NOMINATIONS FOR ASME-HI SECTION 2007 PROJECT/DESIGN OUTSTANDING ACHIEVEMENT AWARD

The nomination deadline is April 30, 2007. You can submit nominations any time before that date. If you know of any unusual or outstanding mechanical engineering-type project or design that have been completed within the past five years, please contact Ed Chang at 543-4227. The nomination process is very simple, easy, and fast.



**FBI**  
 Federal Bureau of Investigation

For more information contact:  
**Special Agent Kai Wong**  
 (808) 566-4300  
 An Equal Opportunity Employer  
[www.fbijobs.gov](http://www.fbijobs.gov)

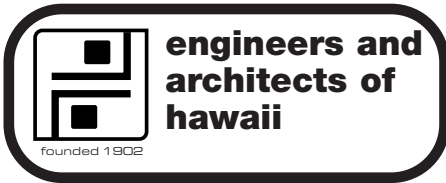
- ⊕ Male and Female special agents
- ⊕ Bachelor's or graduate college degree from an accredited institution
- ⊕ Nationwide employment
- ⊕ Computer Science/Information Technology, Engineering, Sciences (Architecture, Bio-chemistry, Biology, Chemistry, Forensics, Mathematics, Nursing, Physics, medical specialties), Law, Languages, Accounting/Finance, Intelligence, Foreign Counterintelligence, Counterterrorism
- ⊕ 2-3 years strong professional/investigative/managerial work experience desired
- ⊕ 23-36 years of age
- ⊕ Drug policy/drug testing mandatory
- ⊕ Entry-level salary (GS-10) is \$50,383 Academy training; \$60,666 - \$68,632 upon graduation, including locality/availability pay



**FBI Special Agents**  
 AMERICA'S FINEST  
[honolulu.fbi.gov](http://honolulu.fbi.gov)







po box 4353, honolulu, hawaii 96813  
 An association for Hawaii's Engineers and Architects  
 WEB Address <http://community.hei.com/eah>

**2006- 2007 Officers**

|            |                      |          |
|------------|----------------------|----------|
| President  | Travis Hylton        | 531-3017 |
| 1st VP     | Ardalan Nikou        | 523-8874 |
| 2nd VP     | Michael Albright     | 536-1737 |
| Secretary  | Sam Gillie           | 543-4739 |
| Treasurer  | Ralph Dobson         | 227-2746 |
| Directors: | Augie Ahlf           |          |
|            | Eric Kashiwamura     | 543-4705 |
|            | Dr. C. S. Papacostas |          |
|            | Greg McCartney       |          |
| Past Pres. | Gary Yamamoto        |          |

**APRIL Programs:**

**April 6 – No Meeting Good Friday**  
**April 13 – Walter Tagawa, Local Architect, AIA Emeritus; ‘The Cutting Edge of Computerization within the A/E Professions and Construction Industry.’** Utilizing technology to improve process in development of facilities which includes design, permitting, construction administration, changes, special inspections, as-built documents, occupancy, and facility management and the process which continues for the life of the facility.”

**April 20 - Dr. Toni Gino, Clinical Psychologist, Computer Programmer; ‘Integrating Applications and Virtual Server Solutions.’** Antonio Gino, PhD is a licensed clinical psychologist who also has more than 20 years of experience in computer programming, database design, and application design. He participated in the design and development of the Comprehensive Health Care System (CHCS), the system that is still in use in all Department of Defense health care facilities worldwide, the design and development of software to run the substance abuse program at the Honolulu VA.

**April 27 - Stuart Scott, AI Gore Trained Speaker; An Inconvenient Truth.** Stuart Scott has attended AI Gore's national training session based on the hit movie “An Inconvenient Truth” – About Global Climate Change.

Meetings held every Friday (except Holidays) at YWCA room 205 on Richards Street downtown. Meetings start at NOON and end promptly at 1:00 pm. Parking at Alii Place off Alakea Street for \$1.50 per hour.

Buffet Lunch: Members-\$10.00, Guests-\$12.00, BYO lunches welcome. If not having the Buffet Lunch a donation is requested: Members \$2, Guests \$3; to help cover room rental costs.

Program schedule may be adjusted. Call Secretary Sam Gillie at 543-4739 (543-4804 FAX) to confirm speaker. Anyone wanting a weekly email meeting notice please send your email address to Sam Gillie at [sgillie@hei.com](mailto:sgillie@hei.com).

**Meeting Notes for February 9th**

Charles Penhallow won the game of skill and donated his kitty to the **Peter Burk** scholarship fund.

**Speaker: Melissa McFerrin, Manager Community Relations, Hawaii Super Ferry; ‘Hawaii Super Ferry.’** The first ferry was launched about two weeks ago and is 98% complete. Dock and sea trails are starting. The ferry will arrive in Honolulu from Mobile, Alabama in May. The second ferry will arrive in 2009. Two years ago when they set their passenger fare rates at \$50 per person they were half the cost of

air fare. Today with the airline fare war that isn't the case.

Hawaii is one of the only archipelagos in the world that doesn't have a ferry system. We have been completely dependent on air travel and the ferry will now provide a welcome alternative. Advantages are obviously you can bring you car and all your stuff. Anything in or on top of the car is included in the fare price for the car. Companies will be able to do business on a daily basis. It will be good for neighbor islanders because they travel more often to Oahu for business, education or medical trips. The ferry will be drive on and drive off not roll on roll off. Container or trailers cannot be rolled on to the ferry and then someone else pick up at the other end. A drive must accompany the vehicle.

Ferry schedule will be: depart Oahu 6:30 am, arrive Maui 9:30 am, depart Maui 11:00 am, arrive Oahu 2:00 pm, depart Oahu 3:00 pm, arrive Kaua'i 6:00 pm, depart Kaua'i 7:30 pm, arrive Oahu 10:30 pm.

Ms. McFerrin's presentation can be heard at the EAH WEB site.

**Meeting Notes for February 23rd**

**Speaker: Damian Balinowski - Hawaii News Director for ClearChannel Radio Program; ‘Emergency Radio Broadcasts for Hawaii?’** Mr. Balinowski presented a detailed time line of what happened and didn't happen on October 15, 2006 the day of the 6.7 magnitude earthquake near Puak on the Big Island. He reported on the changes that are happening in Hawaii's emergency broadcast radio system. Some station actually had emergency generators for their production studios, but didn't have for their transmission antennas. They learned that it is better for emergency services to report or communicate with the public even if they have nothing to report. They found that cellphone text messaging is better than trying to use voice, i.e., text messages got through while voice did not. This had also been learned in New Orleans. An attempt was made to send a message via the emergency radio broadcast system, but the message was not received at most radio stations. He reported that EAH member Jose Dizon from HECO had to personally visit their station to deliver the HECO update report. Communication to the radio station was the biggest challenge. Police, Fire, HECO Board of Water Supply couldn't communicate to the radio station because of the amount of phone calls into the station. New Hot line phones are now being installed. The internet stayed up. CNN Pipeline was working and Damian was able to put down mainland news that was covering earthquake. Damian is in favor of only using the emergency sirens when there an immediate danger to the public. In this case the worst was already over.

Mr. Balinowski's presentation can be heard at the EAH WEB site.

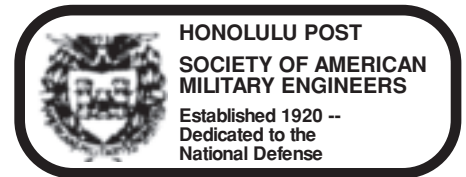
**Meeting Notes for March 2nd**

**Justus Muller – Reality Check** – Latest report out of the White House is that the President has worked out a new strategy for dealing with Global Warming, which would bring temperatures down drastically if found to be necessary. Accordingly, if the World's temperature rises to unacceptable levels, the President will sign an Executive Order requiring all of us to do what we should have done years ago... switch from Fahrenheit to Celsius!!

**Speakers: Phyllis Horner & Dr. Manfred Zapka, Marc M. Siah & Associates; ‘Future Energy Challenges for Hawaii and Strategies to Mitigate Future Crunches.’** Dr Zapka began with a very technically detailed presentation on the petroleum industries current status, starting with

the development of an oil field, production from the field and the decline. He discussed the various predictions for when the World's petroleum production will peak. Some predictions are that we are at or passed the peak. Several countries

*(continued on page 9)*



P.O. Box 31218, Honolulu, HI 96817  
 Web page: <http://posts.same.org/honolulu/>

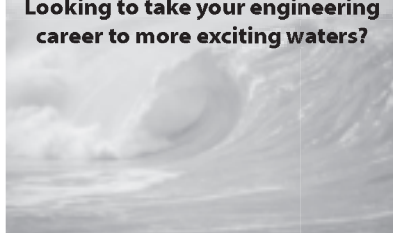
**2006/2007 Post Officers**

PRESIDENT CAPT David Fleisch, USN  
*david.fleisch@navy.mil*  
 1st VP (Programs) Mr Todd Barnes, USA Corps of Engineers, *Todd.C.Barnes@usace.army.mil*  
 2nd VP (Sustaining Members) Mr Will Boudra, Forest City, *willamboudra@forestcity.net*  
 3rd VP (Membership) Mr Jerry Matsuda, M&E Pacific *jerry.matsuda@m-e.aecom.com*  
 SECRETARY Lt Col Kevin Wong, USAF *kevin.k.wong@pacom.mil*  
 TREASURER MAJ Robert Kroning, USAF *robert.j.kroning.maj@poh01.usace.army.mil*

**Upcoming Events:**

SAME Post Officer Induction: April  
 Next Meeting: April 10, Hale Ikena on Ft Shafter at 1130  
 Pacific Industry Forum: May 8, Ala Moana Hotel  
 Military Transition Forum: May 9, Ala Moana Hotel  
 SAME Golf Tournament: May 9



**Looking to take your engineering career to more exciting waters?**



**The University of Hawaii's Department of Ocean and Resources Engineering offers an ABET accredited M. S. program (part-time or full-time) with specializations in:**

- Coastal Engineering
- Ocean Resources Engineering
- Offshore Engineering

**Contact us for more information on how to transform your career.**

**Engineering the oceans since 1966!**

**Department of Ocean and Resources Engineering  
 School of Ocean and Earth Science and Technology  
 University of Hawaii at Manoa  
 2540 Dole Street, Holmes Hall 402  
 Honolulu, Hawaii 96822**

Tel: (808) 956-7572 / Fax: (808) 956-3498  
 Email: [admin@ore.hawaii.edu](mailto:admin@ore.hawaii.edu)  
<http://www.ore.hawaii.edu>

# 2006 CONCRETE ACHIEVEMENT AWARDS



## HOKUA AT 1288 ALA MOANA

Hokua's elevated garden is a delight in the eyes of the beholder. The use of concrete, stone and wood elements give the garden a sturdy foundation only to be softened with the beautiful flowers, grass, trees and pebbles to form a unique living outdoor space that can be admired and used by the residents, while allowing a sense of country for the adjoining properties to admire. The landscaping took on a feeling of outdoors within the confinement of durable products such as concrete.



**NEW  
LANDSCAPING  
PROJECT WITH  
CONCRETE  
PRODUCTS  
AWARD**

**BROWNLIE  
AND LEE  
ARCHITECT**

**HANDEL  
ARCHITECTS LLP  
DESIGNER**

**HOKUA  
DEVELOPMENT  
GROUP  
OWNER**

**ALBERT C.  
KOBAYASHI, INC.  
GENERAL CONTRACTOR**



# ENGINEERS WEEK 2007 IN HONOLULU



*Representatives of the Hawaii Council of Engineering Societies met with Lt. Governor Duke Aiona and Mayor Mufi Hanneman for signing of proclamations declaring Engineers Week in the State of Hawaii and the City and County of Honolulu.*

## ENGINEERS WEEK DISPLAY AT KAHALA MALL



*University of Hawaii at Manoa ASME Student Chapter displayed their Mini Baja during the Engineers Week Exhibit at Kahala Mall.*



*McKinley High School FIRST robotics club demonstrates one of the robot they developed to compete in regional and national tournaments.*

## ENGINEERS WEEK KICKOFF LUNCHEON



*The large Kickoff Luncheon audience listens attentively as Alex Morrison of the Corps of Engineers describes the trials and triumphs in building the Palau Compact Road. He is congratulated by Post President Capt. David Fleisch, USN, at the end of the presentation.*

## ENGINEERS WEEK BANQUET

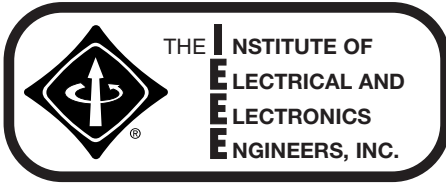


*Hawaii's engineers honored their outstanding members at the Engineers Week banquet on February 24, 2007, at the Hale Ikena. Ken Rappolt presented Ken Hayashida with his 2007 Engineer of the Year award, and Cathy Leong with her 2007 Young Engineer of the Year award. UH Assistant Dean of Engineering Song Choy presented Christy Kaneshiro with her 2007 Student Engineer of the Year award.*



*The incoming Hawaii Council of Engineering Society officers for 2007-2008: Treasurer Walter Billingsley, Vice-chair Maelyn Uyehara, Chair Todd Barnes, and Secretary Grant Torigoe.*



**IEEE Hawaii Section**

PO Box 37607 Honolulu, Hawaii 96837  
 Email: [aet@ieee.org](mailto:aet@ieee.org)  
 Web Page: <http://ewh.ieee.org/r6/hawaii/>

**2006 Hawaii Section Officers**

Section Chair: Al Toda 455-1331  
[aet@ieee.org](mailto:aet@ieee.org)  
 Vice-Chair: Nancy Roemer  
[NLRoemer@aol.com](mailto:NLRoemer@aol.com)  
 Sec.-Treas.: Mark Rognstad  
[mark\\_rogstad@ieee.org](mailto:mark_rogstad@ieee.org)

**1st Annual 2007 IEEE Systems Conference**

April 9-12, 2007

Hyatt Regency Waikiki Resort & Spa Honolulu Hawaii.

Sponsored by the new IEEE Systems Council and IEEE Region 6. The theme of the IEEE Systems Conference is Engineering Complex Integrated Systems and Systems-of-systems - Implications for Systems Engineering, Systems Integration, and Systems Thinking.

Conference registration is open at <http://www.ieeesystemscouncil.org/conference-2007/sysconference2007.asp>



[www.sfpehawaii.org](http://www.sfpehawaii.org)

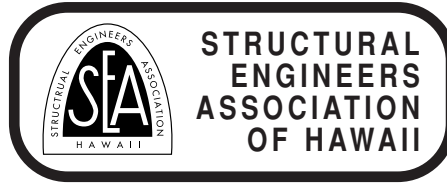
**OFFICERS**

President: Melvin K. Harano, P.E. 848-6966  
[harano@thermaleng.com](mailto:harano@thermaleng.com)  
 Vice-Pres: Robert T. Bigtas, P.E. 526-9019  
[Rbigtas-ssda@hawaii.rr.com](mailto:Rbigtas-ssda@hawaii.rr.com)  
 Secretary: Derick Kam 848-6966  
[kam@thermaleng.com](mailto:kam@thermaleng.com)  
 Treasurer: Samuel S. Dannaway, P.E. 526-9019  
[Sdannaway-ssda@hawaii.rr.com](mailto:Sdannaway-ssda@hawaii.rr.com)  
 Past Pres: Robert Lohaus, P.E. 833-4095  
[lohausebob@hawaii.rr.com](mailto:lohausebob@hawaii.rr.com)  
 Directors: Michael J. Orłowski 474-3819  
[Michael.orłowski@navy.mil](mailto:Michael.orłowski@navy.mil)  
 Robert M. Miller, P.E. 951-7215  
[fpel@hawaii.rr.com](mailto:fpel@hawaii.rr.com)  
 Webmaster: Derick Kam  
[kam@thermaleng.com](mailto:kam@thermaleng.com)

1. Regrettably, Hawaii SFPE has cancelled the seminars scheduled for March 28-30. The seminars were SEMINAR NO.1 (2-Day) NFPA 13 OVERVIEW & INTRO TO PLAN REVIEW; SEMINAR NO.2 (1-Day) INSPECTION, TESTING & MAINTENANCE OF WATER-BASED SYSTEMS (NFPA 25)

2. There will be a one day seminar on NFPA 1 to be held at the Honolulu Fire Department Headquarters on April 16. The program will provide general overview information about the 2006 NFPA 1, Uniform Fire Code, which is in the process of being amended for adoption in Hawaii. The seminar will discuss the layout, format and provisions of this code. Information will also be discussed about the amendment process being undertaken by the Hawaii State Fire Council, Fire Prevention Committee in the amendment process.

For information and to register contact: Sam Dannaway, Program Chairman Hawaii Chapter SFPE, Tel(808) 526-9019 / Fax (808) 537-5385, E-mail: [seminars@sfpehawaii.org](mailto:seminars@sfpehawaii.org)



PO BOX 3348, HONOLULU, HI 96801  
 Web Page URL <http://www.seaoh.org>

**2007 BOARD OF DIRECTORS OFFICERS & DIRECTORS**

| Position   | Officer                                                                                              | Phone    |
|------------|------------------------------------------------------------------------------------------------------|----------|
| President  | Gary Chock<br><a href="mailto:structures@martinchock.com">structures@martinchock.com</a>             | 521-4513 |
| Vice Pres. | Ian Robertson                                                                                        |          |
| Secretary  | Jeffrey Cudiamat<br><a href="mailto:engineer@structuralhawaii.com">engineer@structuralhawaii.com</a> | 488-5000 |
| Treasurer  | Saied Pourjalali                                                                                     |          |
| Director   | Brian Awakuni                                                                                        |          |
| Director   | Kylie Yamatsuka                                                                                      |          |
| Director   | Clifford Lau                                                                                         | 527-6373 |
| Director   | Akira Usami                                                                                          | 682-5747 |
| Past Pres. | Bennett Fung<br><a href="mailto:bfung@ssfm.com">bfung@ssfm.com</a>                                   | 531-1308 |

**HIGHLIGHTS OF BOD MEETING**

March 5, 2007

**Committee Reports:**

General Membership Meetings/Technical Seminars/Events:

- Kiholo Bay Earthquake and Aftermath Presentation will be held at the SEAHO General Membership Meeting on Thursday, April 19, 2007.
- In July, a seminar for IBC structural provisions will be conducted. The speaker is sponsored by the Office of Planning (OP) and DBEDT.
- AISC Seismic Specifications Seminar will be held on Thursday, August 21, 2007.
- 2007 SEAHO Convention will be held in Kona at the Hapuna Beach Prince Hotel on August 24 and August 25, 2007.
- An ACI 318-05 seminar will be held on Thursday, September 6, 2007. This event will be co-hosted by COPI and SEAHO.
- A technical seminar will be conducted for Masonry Design in October.
- A joint ASCE and SEAHO seminar regarding Hurricane Katrina scour and its relevance to tsunami wave effects is tentatively targeted for November.
- The next SEAHO Board of Directors and Officers meeting will be held on Monday, April 2, 2007 at Martin & Chock, Inc.'s office.

**New Business:**

Membership Directory: The SEAHO Membership Directory will be updated shortly after the 2007 membership renewal. Please send in your membership renewal form as soon as possible.

Disaster Response Committee: The committee is in the process of standardizing forms and guide-

lines for assessment of structures influenced by a natural disaster. A report, including some of the compiled observations made during the ATC-20 inspections after the Kiholo Bay earthquake has been published by EERI. The report has been posted on the SEAHO website for viewing. A joint report by EERI, UH, and SEAHO is being compiled and will be published shortly. A report on ATC-20 inspections was issued that had 11 recommendations on the inspection process, which was sent to Hawaii County Civil Defense and State Civil Defense. Kylie Yamatsuka is the Disaster Response Chair joined by Ron lawamoto and Tim Waite. In 2007, Disaster Response Committee tasks would be updating and rectifying the volunteer list, establishing a standardized SEAHO evaluation data report form, working with the County of Hawaii and State Civil Defense on logistical protocols and identification badging from State Civil Defense. A list of SEAHO volunteers, both certified and uncertified, are being compiled for post-disaster response assessment. For those who are interested in volunteering, please notify Kylie Yamatsuka ([kylie@baseengr.com](mailto:kylie@baseengr.com)), Disaster Response Committee Chairperson.

Building Code Committee: The committee is reviewing and providing recommendations for addendums to 2006 IBC for adoption by Hawaii County. Big Island sent G. Chock a copy of their proposed amendments. Review of the amendments was conducted by the 2007 Code Committee (Glenn Miyasato, Dean Doi, Gary Chock, Afaq Sarwar, and Scott Listavich). Review would identify whether any Honolulu structural amendments should also apply to the County of Hawaii. The committee will also pro-

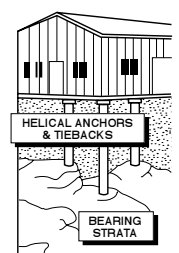
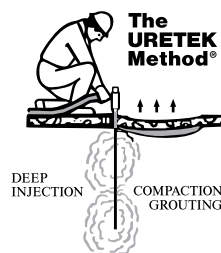
(continued on page 9)

## STRUCTURAL SYSTEMS, INC.

General Engineering Since 1985

- New Construction
- Stop Settling
- Relevel Foundations
- Compaction Grouting
- Soil Nails/Shoring
- Micro & Pin Piles
- Rock/Soil Anchors
- Clay Stabilization
- Permanent Solutions

**845-2474**



Lic: AC-13555 ■ 1275 Mikole St.  
[www.ssihawaii.com](http://www.ssihawaii.com) ■ [structurs001@hawaii.rr.com](mailto:structurs001@hawaii.rr.com)





### FY 2007 ASCE Hawaii Section Executive Committee

| Office          | Phone                                                                                                       | FAX               |
|-----------------|-------------------------------------------------------------------------------------------------------------|-------------------|
| President       | Lori Fong<br>email: <a href="mailto:lfong@ascehawaii.org">lfong@ascehawaii.org</a>                          | 384-5372          |
| Pres-Elect      | Ron Iwamoto<br>email: <a href="mailto:ron@iwamotollc.com">ron@iwamotollc.com</a>                            | 486-5202 486-5206 |
| Vice-Pres       | Mike Hunnemann<br>email: <a href="mailto:mike@kaihawaii.com">mike@kaihawaii.com</a>                         | 791-3980 533-2686 |
| Secretary       | Jeff Kalani<br>email: <a href="mailto:jeff@yogikwong.com">jeff@yogikwong.com</a>                            | 596-2928          |
| Treasurer       | Roger Babcock<br>email: <a href="mailto:babcock@eng.hawaii.edu">babcock@eng.hawaii.edu</a>                  | 956-7298          |
| Past Pres       | Walter Billingsley<br>email: <a href="mailto:wbillingsley@beltcollins.com">wbillingsley@beltcollins.com</a> | 846-3232 538-7819 |
| Region 8 Chair: | Westley Chun, Ph.D., P.E.                                                                                   |                   |

### APRIL DINNER MEETING

Program: Presentations by the University of Hawaii College of Engineering

- Dr. Peter Crouch, the newly appointed Dean of the UH's College of Engineering will share his vision for the future of the UH College of Engineering.
- ASCE Student Chapter will summarize its accomplishments for 2006/2007 including highlights from this year's concrete canoe and steel bridge contests held at the ASCE Pacific Southwest Regional Conference.

Date: Thursday, April 26, 2007

Location: Treetops at Paradise Park, Manoa Valley

Time: 5:30 p.m. - Social Time  
6:30 p.m. - Dinner  
7:30 p.m. - Program  
9:00 p.m. - Adjourn

Menu: Multi-entree buffet

Cost: \$22.00 for Hawaii Section members  
\$25.00 for non-section members and guests  
\$11.00 for UH Student Chapter members

Please RSVP and mail checks to Roger Babcock by Friday, April 20, 2007. Checks should be made payable to ASCE-Hawaii Section and mailed to Roger Babcock, ASCE Treasurer, Department of Civil & Environmental Engineering, University of Hawaii at Manoa 2540 Dole Street, Holmes 383, Honolulu, Hawaii 96822.

### UPCOMING ASCE CONTINUING EDUCATION SEMINARS (APRIL-JUNE)

Below is a list of upcoming ASCE continuing education seminars. These in-depth, practice-oriented programs are produced by ASCE's Continuing Education Department. Detailed descriptions of the seminars and registration information, as well as the full 2007 schedule of ASCE seminars are available on ASCE's website at [www.asce.org/conted/seminars](http://www.asce.org/conted/seminars).

- April 12-13, 2007, Reno, NV, "Structural Condition Assessment of Existing Structures" (Structural)
- May 2-4, 2007, Las Vegas, NV "Design of Foundations for Dynamic Loads" (Structural/Geotech)
- May 24-25, 2007, Seattle, WA, "Earthquake Induced Ground Motions" (Structural)
- June 7-8, 2007, Portland, OR, "NPDES Stormwater Permit Compliance" (Environmental)
- June 14-15, 2007, Seattle, WA, "Design of

Waste Containment Liner & Final Closure Systems" (Geotechnical)

- June 28-29, 2007, Seattle, WA, "Structural Design of Residential Bldgs Using the 2006 International Residential Code" (Structural)

### ASCE HAWAII SECTION STUDENT SCHOLARSHIPS

Please help us increase our scholarship endowment so that we can recognize those 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. If you have any questions, please contact Walter Billingsley at (808) 846-3232, or [wbillingsley@ascehawaii.org](mailto:wbillingsley@ascehawaii.org).

### ASCE JOB LISTINGS

The following employers have openings they would like to fill:

- Austin Tsutsumi & Associates, Inc. (Civil Engineer - Honolulu and Wailuku, Land Surveyor - Honolulu)
- Bills Engineering Inc. (Civil Engineer, Engineering Assistant & CADD Technician)
- CH2MHILL (Transportation/Traffic Engineer - Honolulu Office)
- Engineering Solutions, Inc. (Civil/Sanitary Engineers - Honolulu)
- Fewell Geotechnical Engineering (Geotechnical Engineer - Honolulu)
- Fukunaga & Associates (Civil and Civil/Environmental Engineers - Honolulu)
- Mitsunaga & Associates, Inc. (Civil Engineers)
- Warren S. Unemori Engineering (Project Engineer, Civil Engineer, & CAD Operator - Wailuku)

For more information on these job listings, please visit the ASCE Hawaii Section website at <http://www.ascehawaii.org/jobs/jobs.html>.

### ASCE HAWAII SECTION'S WEBMAIL LIST - SIGN-UP AND/OR UPDATE

If you would like to receive e-mail notices of upcoming meetings or activities, please sign-up for the ASCE Hawaii Section's webmail list at <http://www.ascehawaii.org/emailform.html>. You may also update your email address on that same webpage. Please consider helping the ASCE Hawaii Section reduce operating costs by receiving your monthly issue of the Wilki via e-mail. If you have any questions, please contact Webmaster Joanna Seto at 586-4329 or [jseto@ascehawaii.org](mailto:jseto@ascehawaii.org).

### KNOW YOUR ASCE HISTORY

by C.S. Papacostas

#### BRING IN YET ANOTHER EXPERT

In August 1906, Gov. G. R. Carter ordered adoption of all changes recommended by California engineer H. C. Kellogg for the Dam at Nu'uano Reservoir No. 4 (see March 2007 article), despite expressed misgivings from both C. S. Holloway and J. H. Howland, the Territory's Supt. and Asst. Supt. of Public works. Kellogg's additional cost estimate of \$25,000 was doubled by Holloway to account for the legal requirement of employing "citizen labor" that was more costly than that used on the Wahiawa dam by the outside expert.

Interestingly, Kellogg had accepted the assignment and sailed to Hawaii without a clear understanding of what it entailed!

"I do not know exactly what I am expected to do ... I only know that there is a dam here known as the Nuuanu dam, and I am to pass upon it as to its safety. The Superintendent of Public Works cabled me to come and I came," he told the Hawaiian Star [HS] on July 6. According to the HS, he had actually "thought he was to settle a dispute over specifications, to determine the only controversy about sluicing. He expected to stay here during the four days of the Alameda's stay and was greatly surprised to find that he had to investigate the whole dam and report on its safety" for a mere \$500.

In addition, he was also called by the Territory's Attorney General as an expert witness on an unrelated, but important, water rights court case that involved a plan by the Palolo Land & Improvement Co. to divert water in that valley against the wishes of taro farmers who would be deprived of its use [Evening Bulletin, EB 7/21]. Based on a subsequent Territorial Supreme Court decision, both sides to the dispute prepared interrogatories for Kellogg to answer from the coast via Ed. Tedford, a notary public in Santa Ana [EB, 7/30].

Under a threat by the Governor to cancel the Nu'uano dam contract, Holloway and contractor L. M. Whitehouse agreed to apply a provision that allowed for new classes of work required by the government, such as the rock fill downstream of the core wall, to be done by the contractor at reasonable cost plus a profit of fifteen per cent [HS, EB 8/27]. Resuming construction also required new engineering calculations by Howland and field engineer/inspector C. H. Smith to carry out Kellogg's plans, new equipment such as a rock crusher, resolution of several grievances on both sides, and the rehiring of labor that was let go during Kellogg's investigation [HS, 9/5].

On Oct. 29, both the HS and the EB carried alarming stories attributing to dam critic W. R. Patterson and one of his allies, Jos. I. Whittle, a painter by trade, claims that the construction of the dam deviated significantly from Kellogg's plans and was shoddily carried out. In response, the Governor related the story of the boy who cried wolf!

Unfortunately for those building the dam, as a result of a downpour in late Nov. "a section of flume was washed away... the posts supporting the flume near the center basin and above the koa wall were undermined, and gave way, with the result that that section of the flume collapsed [EB, 11/30]." Another storm in Dec. caused further damage to the works and served as a jumping point for Patterson to again raise safety issues, adding that Kellogg had told him off the record that the dam was put at the wrong site to boot [EB 12/26]. A few days later he declared that "yesterday morning the new flume which they put up instead of the one which was carried

(continued on page 9)

### Earth Tech has immediate opportunities for the following positions:

- ◆ Environmental Engineer
- ◆ Civil Engineer
- ◆ Geologist
- ◆ Environmental Scientist

Apply at:

[www.EarthTech.com](http://www.EarthTech.com)

An Equal Opportunity Employer M/F/D/V





## ASCE American Society of Civil Engineers

Hawaii Section — Younger Member Forum  
Web site: <http://www.ascehawaii.org/yfmf.html>

### 2006-2007 YMF Officers

|           |                                                                                                               | Phone              |
|-----------|---------------------------------------------------------------------------------------------------------------|--------------------|
| President | Lori Nishida<br><a href="mailto:lori.nishida@ch2m.com">lori.nishida@ch2m.com</a>                              | 440-0205           |
| Vice-Pres | Lisa Takushi<br><a href="mailto:ltakushi@ascehawaii.org">ltakushi@ascehawaii.org</a>                          | 531-4252<br>ext 14 |
| Secretary | Lauren Ishima<br><a href="mailto:lishima@hawaiiapacificengineers.com">lishima@hawaiiapacificengineers.com</a> | 440-8496           |
| Treasurer | Morgan LaRue<br><a href="mailto:mlarue@ascehawaii.org">mlarue@ascehawaii.org</a>                              | 386-0757           |
| Past Pres | Florence Ching<br><a href="mailto:fching@ascehawaii.org">fching@ascehawaii.org</a>                            | 472-1342           |

### Next YMF General Meeting

The next two YMF general meetings are scheduled for

Wednesday, April 4th, 6:00 p.m. at Sam Choy's Breakfast, Lunch, and Crab located at 580 N. Nimitz Highway, 545-7979 and Wednesday, May 2nd, 6:00 p.m. at Ryan's Bar and Grill, 591-9132. If you are interested in attending to find out what the YMF is all about, please contact Lori Nishida at 440-0205 or [lori.nishida@ch2m.com](mailto:lori.nishida@ch2m.com).

### Great Aloha Run Packet Distribution

By Lisa Takushi, YMF Secretary

On Saturday, February 17, 2006 the ASCE Hawaii Section YMF and their friends were up early to volunteer at the 23rd Annual Great Aloha Run Expo. The nine volunteers assisted in distributing the race packets to the participants. As a token of their appreciation, the Great Aloha Run Committee provided lunch and an opportunity to explore the expo.

The YMF would like to thank Mrs. Cheryl Uyeshiro for helping to coordinate this activity and to all the volunteers for making the Great Aloha Run a success.

### ASCE Student chapter Koala Moa Chicken Sale

Location: Manoa Elementary  
Date: March 31st Saturday, 10AM - 2 PM  
Order by email: [asce@hawaii.edu](mailto:asce@hawaii.edu)  
Pay when you pick up!

### ASCE History, from page 8

away in the preceding storm, was demolished by the water. Practically the entire toe in front of the dam has been carried away, so that now all they have of the dam is the core wall and the supply pipe [EB 12/31]." He also claimed that he had been offered a bribe from the Attorney General's Department to leave the territory but that he refused to accept it, and promised a "sensational" report to the legislature that was to meet in February.

During Jan. 1907, a lack of sufficient rainfall permitted the contractor to use the more costly carting method of transporting fill material to the site instead of fluming and a request by the Dept. of Public Works to construct a new flume for the hydraulic placement of soil when the rains returned went unheeded. This precipitated a major controversy to which the Governor again responded by threatening to suspend the works and cancel the contract [EB, HS 1/23/1907]. Holloway and Howland, however, prevailed upon him to relent [EB, HS 1/24/1907] because, as the Governor put it, "the very vitals of the dam were exposed and would if further construction were to be stopped, the work as it now stands would be subject to damage by further storms [HS 1/24]." A "heavy rain" on Feb. 2 did little damage but a "record-breaking cloudburst" on Feb. 11 [EB 2/11] took off about 60 yards of the core wall and undermined "a portion of the railroad leading up to Lulumahu valley [HS 2/11]."

Anticipating a request for an appropriation of the additional funds needed to implement the changes to the project, the Legislature appointed a joint House and Senate Committee to investigate the Nu'uuanu dam [HS 2/21; EB 2/25]. The joint committee almost immediately decided to bring in yet another expert to help the investigation: James Dix Schuyler agreed to take on the job for a lump sum of \$3,000. He was scheduled to arrive from San Francisco by the end of March.

As discussed in various contexts previously (see Sept. 2006), Schuyler was originally brought to Hawai'i in 1889 to work on B. F. Dillingham's irrigation projects. He came back in 1903 to design the Wahiawa Dam that was completed under Kellogg's supervision in 1906 (see Jan. 2007).

Do you know of a civil engineering accomplishment or event that your fellow ASCE members might find interesting? Please send a brief description to C.S. Papacostas (fax 956-5014, email [csp@wiliki.eng.hawaii.edu](mailto:csp@wiliki.eng.hawaii.edu)). Previous articles in the series may be found at the Section's web site. Just point your browser to <http://www.ascehawaii.org>.

### EAH, from page 4

such as the UK and Norway have passed their peak and are now in decline. Other predictions have the peak occurring about 2050. Dr. Zapka talked about the energy transition or the number of years up to 30 years for the World to adjust to the decline of petroleum production and change to alternative energy sources. Ms. Horner talked about what happens to people in the Energy Change model. People can choose to do nothing. But most places are moving toward change of our energy picture. She explained there four parts to change. First is Understanding the Challenges. Second is future energy visioning – what do you want the next generation to be? Third is action, what can an individual in their professional or personnel life do? Developing

National policies. Fourth, implementing energy change.

Dr. Zapka and Ms. Horner's complete presentation can be heard at the EAH WEB site. Past Meeting Page (Minute 7:00 to Minute 42:00)

### SEAOH, from page 7

vide advise on any developments towards a possible State Building Code. For Honolulu County, adoption of 2003 IBC is pending approval from Honolulu City Council.

State Building Code: DAGS is in the process of modernizing the building code for State projects. A multi-agency task group comprised of specialists in his or her discipline is working to update requirements for all phases and disciplines in construction. Gary Chock, SEAOH President, will serve on the committee.

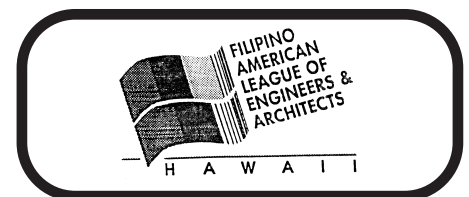
A Legislative Committee: Bills with influence to the structural engineering profession such as HB93, SB795 are currently being reviewed by the respective legislative branch. Upon legislative approval, the bills will be forwarded to a conference committee.

DAGS Specification: The concrete specifications are under review for modifications. Recommendations were reviewed by SEAOH Board of Directors and Officers.



### HAWAII SECTION OFFICERS FOR 2007

|             |                |
|-------------|----------------|
| President:  | Paul Won       |
| Vice Pres.: | Don Hamada     |
| Treasurer:  | Steven Yoshida |
| Secretary:  | Honglong Li    |



P.O. Box 4135, Honolulu, Hawaii 96812


Website: <http://www.falea.org>

### 2006-2008 Officers and BoDirectors

|                         |                  |
|-------------------------|------------------|
| President:              | Napoleon Agraan  |
| Vice Pres/Pres Elect:   | John Ramos       |
| Secretary:              | Zosima Agraan    |
| Treasurer:              | Marisol Tacon    |
| Asst. Treasurer:        | William Rapisura |
| Business Manager:       | Angelie Legaspi  |
| Press Relation Officer: | Judy Tabios      |
| Auditor:                | Nicolo Orense    |

## Professional Directory

### SHIMABUKURO, ENDO & YOSHIZAKI, INC.

Civil, Environmental & Structural Engineers  
  
1126 12th Avenue, #309  
Honolulu, Hawaii 96816-3715  
Phone: (808) 737-1875  
Fax: (808) 734-5516  
Email: [seyeng@lava.net](mailto:seyeng@lava.net)




Marc M. Siah & Associates, Inc.  
810 Richards Street, Suite 888, Honolulu, HI 96813, Ph: 538-7180

- CIVIL
- STRUCTURAL
- ENVIRONMENTAL
- OCEAN

  
501 Sumner Street, Suite 620  
Honolulu, Hawaii 96817  
Ph (808) 531-1308 | Fax (808) 521-7348  
Project Managers, Planners, & Engineers  
[www.ssfm.com](http://www.ssfm.com)

 WES THOMAS ASSOCIATES  
Land Surveyors  
75-5749 Kalawa St., Kailua-Kona, Hawaii 96740-1817  
Tel: 808 329-2353 Fax: 808-329-5334  
Surveying Hawaii Since 1975

 WPT  
720 IWILEI ROAD  
SUITE 425  
P.O. Box 3351  
HONOLULU, HI 96801  
PHONE: (808) 536-2705  
FAX: (808) 599-4032

 R. M. TOWILL CORPORATION  
SINCE 1930  
PLANNING • ENGINEERING • ENVIRONMENTAL SERVICES  
PHOTOGRAMMETRY • SURVEYING • CONSTRUCTION MANAGEMENT  
420 WAIKAMULO ROAD HONOLULU HAWAII 96817-4941 808 842 1133

 URS  
815 Pihai Street, 9th Floor  
Honolulu, Hawaii 96814-2141  
Ph: (808) 593-7115  
Fax: (808) 593-7116

Tim Waite, P.E.  
Sales, Engineer  
Mobile: 808-479-1216  
Email: [twait@strongtie.com](mailto:twait@strongtie.com)  
 Simpson Strong-Tie Co., Inc.

# Professional Directory

|                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>AUSTIN, TSUTSUMI &amp; ASSOC., INC.</b><br/> <b>CIVIL ENGINEERS • SURVEYORS</b><br/>           501 SUMNER STREET, SUITE 521 • HONOLULU, HI 96817<br/>           TEL: 533-3646, FAX: 528-1287<br/>           EMAIL: atshh1@atshhawaii.com<br/>           BRANCH OFFICE: WAILUKU, MAUI<br/> <b>CIVIL • TRAFFIC • ENVIRONMENTAL</b></p>   |  <p><b>ACE</b><br/> <i>Land Surveying LLC</i><br/>           737 Bishop St., Suite 710, Honolulu, Hawaii 96813<br/>           PH: (808) 533-2990, Fax: (808) 533-2992<br/>           Email: ace@acesurveying.com</p>                                                                                                                                                                                 |  <p><b>BeltCollins</b><br/>           www.beltcollins.com</p>                                                                                                                                                                                                                                                                                                                            |  <p><b>BILLS ENGINEERING INC.</b><br/> <i>Civil Environmental Engineering</i><br/>           Tel: 808.792.2022<br/>           Fax: 808.792.2033<br/>           1124 Fort Street Mail<br/>           Suite 200<br/>           Honolulu, HI 96813<br/>           info@billsengineering.com</p>                                                                                                                           |
| <p><b>BROWN AND CALDWELL</b><br/> <i>Environmental Engineering And Consulting • Analytical Services</i><br/>           119 Merchant St., Suite 200 • Honolulu, HI 96813<br/>           (808) 523-8499 Fax (808) 533-0226<br/>           2145 Wells St., Suite 302 • Wailuku, HI 96793<br/>           (808) 244-7005 Fax (808) 244-9026</p>                                                                                     | <p><b>S.S. DANNAWAY ASSOCIATES, INC.</b><br/> <i>Fire Protection Engineers<br/>           Building Code Consultants</i><br/>           720 Iwilei Road, Suite 412, Honolulu, HI 96817<br/>           Tel: (808) 526-9019/Fax: (808) 537-5385<br/>           ssda@hawaii.rr.com</p>                                                                                                                                                                                                    | <p><b>Akira Usami, P.E.</b><br/> <i>Territory Sales Manager, Kapolei facility</i><br/>           91-300 Hanua Street<br/>           Phone: (808) 682-5747<br/>           Fax: (808) 682-2928<br/>           www.dietrichmetalf framing.com<br/>           www.dietrichsteeljoist.com</p>                                                                                                | <p><b>Y. Ebisu &amp; Associates</b><br/> <i>Acoustical and Electronic Engineers</i><br/>           1126 12th Avenue, Room 305<br/>           Honolulu, Hawaii 96816<br/>           (808) 735-1634</p>                                                                                                                                                                                                                                                                                                     |
|  <p><b>EarthTech</b><br/> <i>A Tyco International Ltd. Company</i><br/>           841 Bishop Street, Suite 500<br/>           Honolulu, HI 96813<br/>           Tel: 523-8874 • Fax: 523-8950</p>                                                                                                                                             |  <p><b>Engineering Concepts, Inc.</b><br/>           1150 S. King St., Suite 700<br/>           Honolulu, HI 96814<br/>           Phone: 808-591-8820; Fax: 808-591-9810<br/>           Email: ec@ecohawaii.com</p>                                                                                                                                                                                  |  <p><b>ESH</b><br/> <i>ENGINEERS-SURVEYORS HAWAII, INC.</i><br/> <small>(FORMERLY WILLIAM HEE &amp; ASSOCIATES, INC.)</small><br/>           900 HALEKALUWILA STREET<br/>           HONOLULU, HAWAII 96814<br/>           Phone: 591-8116</p>                                                                                                                                             |  <p><b>Esaki Surveying and Mapping, Inc.</b><br/>           Lihue, Kauai, Hawaii<br/>           Ph. (808) 246-0625 • Fax (808) 246-0229<br/>           esmap@hawaiian.net<br/> <b>ENGINEERS • SURVEYORS</b><br/>           Established 1979</p>                                                                                                                                                                        |
|  <p><b>Fewell Geotechnical Engineering, Ltd.</b><br/>           OAHU: 96-1416 Waihana Place • Pearl City, Hawaii 96782-1973<br/>           (808) 455-6569 • FAX (808) 456-7062<br/>           MAUI: (808) 873-0110 FAX (808) 873-0906</p>                                                                                                     | <p><b>MASA FUJIOKA &amp; ASSOC.</b><br/> <b>A PROFESSIONAL PARTNERSHIP</b><br/> <i>ENVIRONMENTAL • GEOTECHNICAL • HYDROGEOLOGICAL CONSULTANTS</i><br/>            98-021 Kamehameha Highway, Suite 337<br/>           Aiea, Hawaii 96701-4914<br/>           Phone 808 484-5366 • Fax 808 484-0007</p>                                                                                               | <p><b>FUKUNAGA &amp; ASSOCIATES, INC.</b><br/>           1388 Kapiolani Blvd.<br/>           Honolulu, HI 96814<br/>           Phone: 944-1821<br/>           Email: office@fainc.org<br/>           Website: www.fainc.org</p>                                                                                                                                                           |  <p><b>GEOLABS, INC.</b><br/> <i>Geotechnical Engineering and Drilling Services</i><br/>           2006 Kalihii Street<br/>           Honolulu, Hawaii 96819<br/>           Phone: 841-5064 Fax: 847-1749</p>                                                                                                                                                                                                          |
|  <p><b>GRAY • HONG • NOJIMA &amp; ASSOCIATES, INC.</b><br/>           841 Bishop Street, Suite 1100<br/>           Honolulu, Hawaii 96813<br/>           Tel: (808) 521-2256 Fax: (808) 521-8018</p>                                                                                                                                          |  <p><b>Hawaii Pacific Engineers, Inc.</b><br/> <i>CIVIL ENGINEERING AND PLANNING<br/>           WASTEWATER AND WATER TREATMENT<br/>           CONSTRUCTION MANAGEMENT SERVICES</i><br/>           1132 Bishop Street • Suite 1003<br/>           Honolulu, Hawaii 96813-2830<br/>           Phone: (808) 524-3771 • Fax: (808) 538-0445<br/>           E-mail: hpeinc@hawaiipacificengineers.com</p> | <p>is the<br/> <b>state of hawaii</b><br/>           www.ehawaii.gov/statejobs</p>                                                                                                                                                                                                                                                                                                                                                                                         | <p><b>total POWER SOLUTION</b><br/>            94-025 Farrington Hwy.<br/>           Waipahu, Hawaii 96797<br/>           808/676-0205</p>                                                                                                                                                                                                                                                                             |
| <p><b>HIDA, OKAMOTO &amp; ASSOCIATES, INC.</b><br/> <i>CONSULTING CIVIL ENGINEERS</i><br/>            PACIFIC GUARDIAN TOWER<br/>           1440 Kapiolani Boulevard, Suite 1120<br/>           Honolulu, Hawaii 96814<br/>           Phone: (808) 942-0066<br/>           Fax: (808) 947-7546</p>                                            |  <p><b>ERNEST K. HIRATA &amp; ASSOCIATES, INC.</b><br/> <i>Soils and Foundation Engineering</i><br/>           99-1433 Koaha Place • Aiea, Hawaii 96701<br/>           Fax (808) 486-0870 • Phone (808) 486-0787</p>                                                                                                                                                                                 |  <p><b>SAM O. HIROTA, INC.</b><br/> <b>Engineers &amp; Surveyors</b><br/>           864 S. Beretania Street<br/>           Honolulu, Hawaii 96813<br/>           Telephone: 537-9971</p>                                                                                                                                                                                                  |  <p><b>INABA ENGINEERING, INC.</b><br/>           273 WAIANUENUE AVENUE<br/>           HILO, HAWAII 96720<br/>           Phone: (808) 961-3727 / Fax: (808) 935-8033<br/>           Civil Engineering • Structural Engineering<br/>           Land Surveying</p>                                                                                                                                                       |
|  <p><b>KFC AIRPORT, INC.</b><br/> <i>PROJECT MANAGEMENT CONSULTANTS<br/>           PLANNING • ARCHITECTURAL/ENGINEERING<br/>           DESIGN • CONSTRUCTION MANAGEMENT</i><br/>           3375 Koopaka Street, Suite F220-48<br/>           Honolulu, HI 96819<br/>           Phone: (808) 836-7787<br/>           Fax: (808) 834-4833</p> |  <p><b>THE LIMTIACO CONSULTING GROUP</b><br/> <i>CIVIL ENGINEERING AND ENVIRONMENTAL CONSULTANTS</i><br/>           880 Iwilei Road, Suite 218 • Honolulu, Hawaii 96817<br/>           Tel: (808) 595-7792 • Fax: (808) 595-7381 • www.tcg-hawaii.com</p>                                                                                                                                          |  <p>Surveying<br/>           Civil Engineering &amp; Design<br/>           Environmental Engineering<br/>           Water Treatment &amp; Supply<br/>           Construction Management<br/>           Wastewater Collection &amp; Treatment<br/>           841 Bishop Street, Suite 1900<br/>           Honolulu, Hawaii 96813</p>                                                     | <p><b>NAGAMINE OKAWA ENGINEERS INC.</b><br/> <i>CONSULTING STRUCTURAL ENGINEERS</i><br/>           1001 Bishop Street • Pauahi Tower, Suite 725<br/>           Honolulu, Hawaii 96813<br/>           Phone: (808) 536-2626 • FAX: (808) 536-3926</p>                                                                                                                                                                                                                                                      |
| <p><b>NAKAMURA, OYAMA AND ASSOCIATES, INC.</b><br/> <i>CONSULTING ENGINEERS<br/>           ELECTRICAL/TELECOMMUNICATIONS/FIRE PROTECTION</i><br/>           1314 South King St., Suite 401<br/>           Honolulu, Hawaii 96814-1939<br/>           Telephone (808) 591-8887 Fax (808) 596-2383</p>                                                                                                                           |  <p><b>NEWCOMER - LEE LAND SURVEYORS, INC.</b><br/>           1498 Lower Main Street, Suite "D"<br/>           Wailuku, HI 96793-1937<br/>           Tel: (808) 244-8889<br/>           Fax: (808) 244-8422</p>                                                                                                                                                                                    |  <p><b>oceanit</b><br/>           www.oceanit.com</p>                                                                                                                                                                                                                                                                                                                                  |  <p><b>Okahara &amp; Associates, Inc.</b><br/> <i>Engineering Consultants</i><br/>           200 Kohala St., Hilo, HI 96720 / Ph. (808) 961-5527 Fax: (808) 961-5529<br/>           677 Ala Moana Blvd., Suite 703, Honolulu, HI 96813<br/>           Ph. (808) 524-1224 Fax: (808) 521-3151<br/>           73-574 Maau St., Bay 6B, Kailua-Kona, HI 96740<br/>           Ph. (808) 329-1221 Fax: (808) 329-1006</p> |
|  <p><b>Pacific Geotechnical Engineers, Inc.</b><br/> <i>Soils &amp; Foundation Engineering Consultants</i><br/>           429-B Waiakamilo Road<br/>           Honolulu, Hawaii 96817<br/>           (808) 841-8024 FAX (808) 848-5102<br/>           E-mail: pge@pacificgeotechnical.com</p>                                               |  <p><b>ParEn, Inc.</b><br/>           SUITE 1500, PACIFIC PARK PLAZA<br/>           711 KAPIOLANI BOULEVARD<br/>           HONOLULU, HAWAII 96813<br/>           TELEPHONE: (808) 593-1676<br/>           FAX: (808) 593-1607<br/>           EMAIL: paren@pareninc.com<br/> <b>dba park engineering</b><br/> <i>Engineers, Surveyors, Planners</i></p>                                             |  <p><b>Sato &amp; Associates, Inc.</b><br/>           HONOLULU 2046 South King Street Honolulu, HI 96826<br/>           Tel: (808) 936-4441 Fax: (808) 942-2027<br/>           MAUI 2115 Wells Street Wailuku, HI 96793<br/>           Tel: (808) 244-9265 Fax: (808) 244-5303<br/> <b>CONSULTING ENGINEERS • CIVIL &amp; STRUCTURAL</b></p>                                            |  <p>• Environmental &amp; Infrastructure<br/>           • Design &amp; Engineering Services<br/>           • Construction &amp; Maintenance<br/>           • Homeland Security<br/>           590 Palaea Street, Suite B, Honolulu, HI 96819-1835<br/>           Tel: (808) 840-2000 • FAX: (808) 839-0339</p>                                                                                                       |
| <p><b>WALKER INDUSTRIES, LTD.</b><br/> <i>Precast Concrete Products</i><br/>  <b>CONSPAN</b><br/> <i>BRIDGE SYSTEMS</i><br/>           Frederick K. Wong, PE<br/>           P.O. Box 1568<br/>           Kahului, Maui, Hawaii 96732<br/>           Maui (808) 877-3430<br/>           Fax (808) 871-7282</p>                               | <p><b>Weston Solutions, Inc.</b><br/>           Suite 2301<br/>           841 Bishop Street<br/>           Honolulu, Hawaii 96813<br/>           Phone: 808.585.0448<br/>           Fax: 808.585.7378<br/>           www.westonsolutions.com</p>  <p><b>WESTON SOLUTIONS</b><br/> <i>An employee-ownership Company</i></p>                                                                         |  <p><b>WILSON OKAMOTO CORPORATION</b><br/> <i>Civil Engineers • Structural Engineers • Traffic Engineers • Planners</i><br/>           411 Palaea St., Suite 3010<br/>           Honolulu, HI 96813<br/>           Tel: (808) 946-2211 • Fax: (808) 946-2212<br/>           1907 S. Beretania St., Suite 400<br/>           Honolulu, HI 96813<br/>           www.wilsonokamoto.com</p> |  <p><b>YKE</b><br/> <i>TRUCK ENGINEERING, INC.</i><br/>           411 Palaea St., Suite 3010<br/>           Honolulu, HI 96813<br/>           Tel: (808) 946-2211<br/>           Fax: (808) 946-2212</p> <p>Contracted Engineering<br/>           Traction Technology<br/>           Construction Management</p>                                                                                                     |

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

Presorted  
 Standard  
 U.S. Postage Paid  
 Honolulu, Hawaii  
 Permit No. 1400