E-week Banquet Speaker

Ramsey Taum

Ramsey Taum is the Director of Oahu Operations at The Hawaii Nature Center where he is actively involved in the promotion of environmental education and sustainability based on the Native Hawaiian Ahupua’a management system.

He works with the University Of Hawaii School Of Travel Industry Management as part-time lecturer and ECO-TIM community outreach coordinator. As the Associate Director of the private, not-for-profit Native Hawaiian Hospitality Association, Ramsey also provides consultancy services aimed at integrating Native Hawaiian host cultural values and principles into contemporary business models through lectures, training classes and seminars.

He is a co-facilitator of Sustain Hawaii, and a practitioner and instructor of several Native Hawaiian practices including ho’oponopono (stress management and conflict resolution), iomī hāna (body alignment) and lūa (Hawaiian combat/battle art).

Taum serves on numerous boards, community groups, task forces, planning committees and advisory councils including The Hawaii Tourism Authority Hawaiian Cultural Program Advisory Council, Pacific Indigenous Resource Management Institute, UH TIM School Hawaii Advisory Council, UH Lyon Arboretum Task Force, State Consortium of Integrative Health Services, Association of Hawaiian Civic Clubs Oahu Council, is a member of the Royal Order of Kamehameha, Vice President of Hawaii Maoli and the Policy Committee Chair of the Oahu Council of The Association of Hawaiian Civic Clubs.

October 24, 2007 Meeting Summary

Oahu Metropolitan Planning Organization’s Citizen Advisory Committee Chair Mr. Joe Magaldi and City DTS Engineer Ms. Jolie Yee spoke at ITE Hawaii Section October Meeting.

Mr. Joe Magaldi informed us about importance of the Citizen Advisory Committee of OMPO. Citizen input to transportation planning is a necessity. To help achieve this, the Policy Committee approved the formation of the Citizen Advisory Committee in 1977. The CAC is the foundation of Oahumpo’s public involvement process. The CAC is a volunteer group consisting of representatives from community organizations, professional associations, neighborhood boards, and the private sector. It provides an avenue for obtaining public input for Policy Committee deliberations on transportation issues. Besides providing input directly to the Policy Committee, the CAC assists in developing public involvement programs to solicit general public input for the Policy Committee. Comments received from the CAC members and non-members are treated equally. The CAC meets about once a month. These meetings are open to the public and provide an opportunity for interested parties to hear and discuss transportation issues with the appropriate project administrators or decision-makers. The CAC members are organizations and groups interested in transportation planning, representing various segments of the population on Oahu. CAC members are appointed by the Policy Committee.

September 20, 2007 Meeting Summary

Mr. Leslie Segundo of State Hawaii Office of Environmental Quality Control spoke at ITE Hawaii Chapter September Meeting. Mr. Segundo introduced that OEQC’s primary function is to help stimulate, expand and coordinate efforts to maintain the optimum quality of the State’s environment. OEQC implements the Environmental Impact Statement law, Chapter 343, Hawaii Revised Statutes (HRS). Office planners review and comment on hundreds of environmental disclosure documents each year.

Mr. Segundo demonstrated the State Environmental Review Process flowchart and explained the circumstances that trigger Environmental Access (EA) and Environmental

(continued on page 6)
2008 Engineers Week Banquet
Saturday, February 23, 2008
Hale Ikena, Fort Shafter Golf Course
(Admission to Fort Shafter will be arranged for registered attendees)

5:30 p.m. Cocktails
6:30 p.m. Dinner
7:15 p.m. Program:
   Presentation of Engineers Week Exhibit Awards.
   Presentation of Engineer of the Year, Young Engineer of the Year,
   HCES Lifetime Achievement and Student Engineer of the Year Awards.
   Guest Speaker – Ramsey Taum,
   Director of Oahu Operations for the Hawaii Nature Center
   Installation of 2008 HCES officers.

Contact Person/Organization ________________________________________________
Address ___________________________________________________________________
Telephone ___________________________ e-mail ____________________________

Special guests have been invited to attend the banquet. These guests may include the Governor,
mayors of each county and key engineers in their cabinet.
Would you like to sponsor an invited guest to sit at your table? Please circle one: Y N
If yes, we will contact you to link you with available invited guests.

Tables seat 10 people.
Rates are $38.00 for registration(s) postmarked on or before February 12, 2008, $45 for registra-
tion(s) postmarked after February 12 and $28.00 for students. Please type or print the name and
company/organization affiliation of each attendee. Keep two seats open if you have elected to
sponsor an invited guest.

Name Company or Organization
1. _______________________________________________________________________
2. _______________________________________________________________________
3. _______________________________________________________________________
4. _______________________________________________________________________
5. _______________________________________________________________________
6. _______________________________________________________________________
7. _______________________________________________________________________
8. _______________________________________________________________________
9. _______________________________________________________________________
10. _______________________________________________________________________

Number of people attending (except students): _____ x $38.00 or $45.00 = _______
Number of students attending: _______ x $28.00 = _______
Sponsored Guest (2 x $38.00 = $76.00) = _______
TOTAL AMOUNT REMITTED ____________________________

Make checks payable to “HCES” and mail with completed reservation form to:
2008 Engineers Week Banquet
c/o Walter Billingsley, P.E.
HCES Treasurer
Belt Collins Hawaii Ltd.
2153 North King Street, Suite 200
Honolulu, HI 96819-4554

If you have any questions, please contact HCES Chair Todd Barnes at Todd.C.Barnes@usace.army.mil, telephone 438-8598, or HCES Vice Chair Maelyn Uyehara at maelyn.uyehara@us.rlb.com, telephone 521-2641.
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NEW LIFE MEMBERS

Who have achieved Life Member status:

Dawn Barsana

dawn.barsana@ch2m.com.

At 943-1133, fax at 538-8205 or email at
dawn.barsana@ch2m.com.

Reservations for the dinner meeting to Dawn

Marked by Wednesday, January 16, 2008.

1100, Honolulu, Hawaii 96813-2822 post-

$22.00 for Hawaii Section members

Cost:

Multi-entree buffet

5:30 p.m. - Social Time

6:30 p.m. - Dinner

7:30 p.m. - Program

9:00 p.m. - Adjourn

Menu:

$22.00 for Hawaii Section members

$25.00 for non-section members and

guests

$11.00 for UH Student Chapter

members

Please make checks payable to ASCE-Hawaii

Section and mail to Dawn Barsana, ASCE

Treasurer, CH2MHill, 1132 Bishop Street, Suite

1100, Honolulu, Hawaii 96813-2822 post-

marked by Wednesday, January 16, 2008,

Reservations for the dinner meeting to Dawn

Barsana by Monday, January 21, 2008, by phone

at 943-1133, fax at 538-8205 or email at
dawn.barsana@ch2m.com.

NEW LIFE MEMBERS

This year the Hawaii Section has 14 members

who have achieved Life Member status:

Gordon Matsuoka, P.E., M.ASCE

Garrette Oakes, P.E., M.ASCE

Kenneth Kurokawa, P.E., M.ASCE

Edward Uchiwa, P.E., M.ASCE

Tommy Camarillo, P.E., M.ASCE

Peter H.P. Ho, P.E., M.ASCE

Wayne Hinazumi, P.E., M.ASCE

Marvin Fukagawa, Aff.M.ASCE

Rodney Yamamoto, P.E., M.ASCE

Daniel Miyasato, P.E., M.ASCE

Richard Fewell, P.E., M.ASCE

James Lowe, P.E., M.ASCE

Michael Chun, Ph.D., P.E., M.ASCE

Edwin Miyashiro, P.E., M.ASCE

Life member status is an honor awarded to

members who have made a lifetime commitment

to ASCE and the Civil Engineering profession by

remaining a member of ASCE for the full length of

their career. To obtain Life Member status, ASCE

Members, Associate Members and Affiliate

Members must have: 1) reached the age of 65, 2) paid
dues in any membership grade except student

member for 30 years, and 3) had 10 years

continuous membership immediately preceding

the attainment of Life Membership.

What is so great about attaining Life Member

status? Well, when you reach your Life year, you

become exempt from paying membership dues;

something to look forward to! Congratulations to

these newest Hawaii Section Life Members who

will be honored with a certificate at the January

24, 2008 dinner meeting.

EXECUTIVE COMMITTEE MEETING

January 22, 2008

POPSICLE STICK BRIDGE COMPETITION

The ASCE-Hawaii Section sponsored our 2007

Popsicle Stick Bridge Competition at the

University of Hawaii College of Engineering

Junior Expo on November 16, 2007. The event

was a huge success that included 20 teams from

the Islands of Hawaii, Oahu, Lanai, Kauai and

Maui. Each team consisted of four intermediate

school students and one faculty advisor. The

purpose of the competition is to provide an event

for students to learn about engineering in a practical

way and to have fun doing so.

Each team was provided with a box of popsicle

sticks, a container of glue, and some simple
design rules. That’s it. The rest of the responsi-

bility for the design and construction of their

bridges falls to the students themselves. The

competition consisted of two parts: an oral

presentation and actual loading of their precious

bridge until it fails. It was an exciting and yet

practical experience for 80 Intermediate School

age students. It was also exciting for all the

onlookers and volunteers to watch.

For the oral presentation, each team present-

ed their story of how they came up with their par-
ticular design, what they did to make their bridge

stronger, and what their goals were in participat-
ing in the event. The students made their pre-
sentation to a group of 9 judges comprised of

structural engineers from various consulting firms

within the community. The judges all have a

tremendous amount of experience in bridge
design, and were available to answer questions

from students on what design improvements

could be made to make their bridge stronger.

This was a tremendous way to learn how to do it

better.

The actual load testing of the bridges is always

an exciting event. There, each team is allowed to

add weight to their bridge until it fails. The

expressions on the faces of the students was

priceless. What makes it even more exciting is

that all the other teams are gathered around

watching the testing and having lots of fun. The

winning team consisted of four girls from St.

Andrews Priory. Their bridge held a total weight

of 268 lbs.

It was a wonderful event where students

learned a tremendous amount, while becoming

excited about the field of engineering as a possi-

ble future career. Mahalo to all the ASCE Hawaii

Section members and UH Student Chapter

members who helped to put on this event.

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)

- Brown and Caldwell, Inc. (Dratter - Oahu)

- CH2MHILL (Transportation/Traffic Engineer –

  Honolulu Office)

- Engineering Solutions, Inc. (Civil/Sanitary

  Engineers - Honolulu)

- Fewell Geotechnical Engineering (Geotechnical

  Engineer - Honolulu)

- Fukunaga & Associates (Civil and

  Civic/Environmental Engineers - Honolulu)

- HDR, Inc (Water/Wastewater Engineer –

  Honolulu)

- 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


The first place team for St. Andrews Priory from left, Regina Huang, Thai Ha Sloan, Maya

Rezzonico and Alyssa Fujiwara.
The next two YMF general meetings are scheduled for Wednesday, January 9th, 6:00 p.m. at The Yardhouse, 923-9273 and Wednesday, February 6th, 6:00 p.m. at Romano’s Macaroni Grill, 356-8300. If you are interested in attending to find out what the YMF is all about, please contact Lisa Takushi at 531-4252 ext. 14 or ltakushi@ascehawaii.org. Happy New Year! Come and join the YMF Pau Hana on January 18, 2008 from 5:00 p.m. at The Hukilau Restaurant in downtown. Network and socialize with fellow young professionals in the engineering community or just take some time to relax after another week of work. YMF will be providing light pupus. Drinks and additional dishes are at your own cost. Cost for parking is available at the Executive Center. Cost for parking will be $1 with a validation between the hours of 4:30 to 7:30pm. If you are interested in attending please RSVP to Troy Ching at troy.ching@hdrinc.com by January 8, 2008.

KNOW YOUR ASCE HISTORY
by C.S. Papacostas

A DRYDOCK FOR OAHU

In April 2006, ShengKai “Karl” Cheng of the Pacific Division, Naval Facilities Engineering Command (NAVFAC PAC) asked: “Professor: I was wondering if you have looked up historical information, such as photos of construction, concrete, frame works etc. for Pearl Harbor shipyard Drydock.” I am particularly interested in the structural elements of drydock construction.” I had indeed chanced upon some relevant information while researching the contemporaneous building of the Nu’uanu Dam at Reservoir No. 4. Some additional research yielded more details, which I shared with Karl. Since then, I accumulated more facts and I am ready to place the project in its proper historical context in two, perhaps three, compact installments.

The backdrop to the U.S. Navy’s association with Pearl Harbor is well known: the first soundings by a navy vessel were taken by Commodore Charles Wilkes at the request of King Kamehameha III in 1840. In 1873, a secret survey led by General John McAlister Schofield recognized the locale’s potential. In the same year, King Lunalilo was proposed to allow the lease (or, by some accounts, cession) of the Pearl River Lagoon in exchange for a reciprocity treaty. Under King Kalakaua, the 1887 renewal of the 1875 Reciprocity Treaty incorporated a provision granting the U.S. “the exclusive right to enter the harbor of the Pearl River in the Island of Oahu, and to establish and maintain there a coaling and repair station for the use of vessels of the United States, and to that end the United States may improve the entrance to said harbor and do all other things needful to the purpose aforesaid.”

Nevertheless, it was only between 1900 and 1905 that land for the Navy’s use was taken by eminent domain and dredging of the entrance to the harbor commenced, the center of operations, the Naval Station, remained at Honolulu Harbor even longer than that. Interestingly, the Pacific Commercial Advertiser (PCA) of Dec. 7, 1906 presents a map of Pearl Harbor illustrating the specified course for the “first [yacht] race of the Governor’s Cup” within the harbor’s Middle and East Loachs, hardly a military exercise!

With the signing of the Hawaiian Organic Act in 1900 came appropriations from Congress to be expended, subject to typical provisos, for civilian (such as water works), military (e.g., fortifications) and dual use (e.g., lighthouses) facilities. It so happened that the Naval Station at Honolulu Harbor had no repair facility of its own. According to Edward D. Beecher’s “Honolulu: Crossroads of the Pacific,” only a marine railway was operated at the harbor since 1882 by its builder (businessman Samuel Wider) under a lease arrangement with the government of Hawaii. Navy vessels, it was reported, would normally be repaired and overhauled at Mare Island Naval Shipyards in California, about 2400 miles away!

To rectify this problem, a petition (or “memorial” as it was then called) to allocate funds for a “Dry Dock in the Harbor of Honolulu” was circulated for signature and subsequent transmittal to the President and the Congress via Hawaii’s Delegate to the latter, Prince Jonah Kuhio Kalaniana’ole. As reprinted in the Dec. 26, 1906 Evening Bulletin (EB), the petition made three arguments in favor of the facility: It would benefit “the Navy and Merchant Marine in times of peace as well as in times of war;” it would sustain “American shipping and commerce generally;” and it would provide revenue to the Territory in lieu of the “customs revenue and post office receipts” it surrendered to the Federal Government after annexation.

Eight months later, apparently aware that the Merchants’ Association initiated the petition and subsequent “agitation,” Naval Station Commandant Rear Admiral Samuel W. W. extended an invitation to the membership (through Territorial Secretary Ernest A. Mott-Smith) to discuss an alternate solution. The Admiral’s proposal was to abandon the idea of a drydock at Honolulu in favor of expanding Pearl Harbor, where “it had been proposed to have six drydocks there, two big ones for battleships and vessels like the Manchuria, and four small ones for smaller vessels [EB, 8/23/1907].” He argued that the Honolulu Harbor was too constricted and exposed a place for such a development, and that it was imperative that “we must all pull together to get something done with that magnificent harbor of ours,” in the face of strong opposition in Washington, D.C. He went on the clarify that “a drydock which could contain vessels like the Manchuria, would occupy five acres, without the shops, and it would be hard to get that space at Honolulu. With the shops thirty acres would be needed, and this no private concern could afford to go into without Government assistance.” In other words, he was calling for what we now refer to as public-private partnerships (PPP).

The merchants agreed and passed a resolution that partly averred that “the opening of Pearl Harbor besides providing adequate facilities for military, naval and general commercial purposes...” (continued on page 9)
Old Tradition...a continued Spirit of Giving... New Beginning...
by Eugene Calara (Falea Board of Director)

The Filipino American League of Engineers and Architects (FALEA) in Honolulu celebrated their 14th Anniversary and Christmas Party last December 2, 2007 at Hale Koa Hotel, Fort Derussy Hall. A total of more than 250 consisting of Falea members, their families and guests attended the party.

This year also marks a new milestone for FALEA in its 14th year of existence. As of March 26, 2007, we are now officially a 501(c) 3 tax exempt organization through the adoption of FALEA Foundation within the organization.

The program highlighted the FALEA’s traditional spirit of giving and the beginning of the new FALEA Foundation helping in selecting and awarding our 2007-2008 FALEA Scholarship awardees.

For the past 14 years, the FALEA scholarship award was organized to help our deserving young aspiring students who planned to pursue higher education in engineering, architectural and other scientific fields. This year’s candidates were examined, evaluated and selected based on their qualifications of academic performance, achievements, community services, and recommendations from the people they have worked or associated with. This year’s ceremony with the leadership team’s current president, Mr. Napoleon Agraan and supporting officers, FALEA Foundation is able to give scholarship support amounting to $1,000.00 each to our four (4) qualified recipients.

1. Mr. Elvis Park Phinaella II (GPA 4.18) - currently enrolled at Colorado State University pursuing a degree in Mechanical Engineering. A valedictorian from Damien Memorial High School.

2. Ms. Sheryl Escobier (GPA 3.40) - currently enrolled at San Jose State University in California taking up Mechanical Engineering. A graduate of Kapolei High School.

3. Mr. Marc Jom Miguel Ragasa (GPA 3.38) - currently enrolled at Colorado State University pursuing a degree in Civil Engineering. A graduate of Baldwin High School in Maui.

4. Mr. John Paolo Soriano (GPA 3.21) - a senior in Architectural Engineering CAD (AEC) at the University of Hawaii at Manoa. An alumnus of Baldwin High School in Maui taking up Mechanical Engineering. A graduate of San Jose City College.

SEOH, from page 3

list has also been used as the master list for identification of Member and Allied members within the National Council of Structural Engineers Associations and the Western Council of Structural Engineers Associations.

Disaster Response Committee: The Disaster Response Committee has updated the volunteer list, established a standardized SEOH evaluation data report form. The committee standardized form for assessment of structures damaged in a natural disaster will be posted to the SEOH. The SEOH Response Procedures for Activating and Deploying Volunteer Building Safety Evaluation Engineers was distributed to County Civil Defense Agencies and State Civil Defense for comment and those comments have been addressed. The SEOH Response Procedures document was reviewed by the Board and approved unanimously. SEOH is also evaluating a request by State Civil Defense to develop Hawaii-customized ATC-20 and ATC-45 training presentations of about 2 hour length each.

Building Code Committee: Glenn Miyasato (Chair), joined by Dean Ooi, Alaz Sarwar, Scott Listavich and Gary Chock are reviewing the 2006 IBC for possible State Building Code amendment recommendations based on prior reviews conducted for Hawaii County and the City and County of Honolulu. SEAOH has received a letter in support of Kauai adopting IBC 2003. For topographic effects on wind design for Oahu, high resolution pdf maps have been delivered to the Department of Planning and Permitting for posting on their website.

The Committee discussed and developed recommendations for the State Building Code amendment recommendations to the 2006 IBC. SEOH is certifying that the IRC not be adopted.

Director Clifford Lau (with Howard Lau) is in discussions with the Honolulu Dept. of Planning and Permitting about the policy of the Site Development Division Civil Engineering Branch prohibiting weep holes in property line retaining walls. SEOH will be working with DPP to establish policy and application guidelines for retaining walls between adjacent properties. The discussions are on-going and have expanded to upper levels of DPP.

The Committee will be reviewing Masonry in Hawaii Details by Phil Gerwien. The details are a derivative of 1997 California-Nevada masonry details.

State Building Code: DAGS will be modernizing nearly all building codes and regulations. This will be implemented per Act 82, which mandates a Statewide Building Code. President Gary Chock is serving on the State Building Code Council.

Public Outreach: On November 17, 2007 at UH-Hilo, SEOH speakers (Chock, Robertson, Waite, Sarwar) together with the Hawaiian Volcanoes Observatory, Central Pacific Hurricane Center, Hawaii Institute of Geology and Geophysics and the Department of Hawaiian Home Lands gave a half-day public workshop on hurricane and earthquake preparedness.

The SEOH Board would like to hear from membership about interest in holding the 2008 Convention in Hong Kong or mainland China in July, October, or November. Bennett Fung has made some preliminary investigations. Please provide input to Chairperson Fung via email at bfung@ssfm.com.

Nominations Committee was chaired by Past-President Bennett Fung, joined by members Saeid Pourjafari, Brian Awakuni, Howard Lau, and Gary Chock. Outgoing Officers are Secretary Cudiamat, Treasurer Pourjafari, and Directors Lau and Usami. Ballots were mailed out and are due no later than December 21.

New Business: 2008 SEACO convention will be held in Hawaii from September 23-27, 2008. Room rates extended to SEOH members and are $195 per night from 5/20/08 to 9/30/08. Contact Constantine at 415-986-8400.

On November 23, County of Kauai signed the adoption of the 2003 IBC, which will be in effect on January 22, 2008, 60 days from the signing date.

New Member Application:
The following member applications have been received and are open for comments from the membership:
• Aaron A. Erickson, Wiss Janney Elstner & Associates, as an Allied member.
• Jonathan R. Brandt, Alana Buick & Bers, as an Associate member.

Their applications will be voted on at the February 2008 Board Meeting. Please notify membership about interest in holding the 2008 Board Meeting if you wish to comment on these prospective members.

Honolulu-Based Engineers Stand Among the Best in Business


Oceanit Laboratories won in the Best in Business Division I (more than 100 employees) category. It has grown into one of the largest diversified research companies that supports employees with innovative ideas.

Baldridge & Associates Structural Engineering, Inc. (BASE) was selected as winner in the Best in Business Division II (less than 100 employees) category. BASE has repeatedly been on PBN’s Fastest 50 list, and has more than doubled its size and revenue in the past two years.

The designation of Best in Business shows that Oceanit and BASE have demonstrated strength and leadership in business and management, and not just in engineering.

This is the fifth consecutive year that Baldridge & Associates Structural Engineering, Inc. has been a Business Leadership Hawaii finalist, and the first as winner of the Best in Business Division II category.
The Hawaii Land Surveyors Association (HLSA) is pleased to announce that they are now accepting registrations for the “2008 Annual Surveying Conference”. The conference will include topics on: Kuleana and Kuleana Access; Basic Mapping; Shoreline Appeals and Current Issues; Photogrammetry; GIS; CST Program History; CST Prep; National CST Exam; Electrical Safety; Research, Recovery, Remonumentation and Recordation; Survey Standards; Digital Leveling; Na Ala Hele State of Hawaii Trails Program; Research at the State Archives; and much more. Come and see Vendors showing off their products and services, too.

WHERE: Hilton Waikiki Prince Kuhio Hotel, 2500 Kuhio Avenue, Honolulu, Hawaii.

For more information and a registration form, please visit us at: www.hlsa-hawaii.org. Or fax your request for information to: (808) 233-3650, att: HLSA Conference.

To kick off the conference, a “Surveyors’ Challenge” will be held on Wednesday, 30 January 2008, at Bishop Museum, Atherton Halau Pavilion, Honolulu, Hawaii. The HLSA Annual Banquet will be held on Thursday, 31 January 2008 at the Hilton Waikiki Prince Kuhio Hotel. There were over 200 attendees at the 2007 Annual Conference! We hope you will join us for the 2008 event.

**BOMA & HAWAIIAN ELECTRIC COMPANY TO DEBUT ENERGY EFFICIENCY HANDBOOK**

As the green building trend continues to gain momentum, the Hawaii chapter of Building Owners and Managers Association (BOMA), in partnership with Hawaiian Electric Company, is producing a free BOMA Energy Efficiency Program (“BEEP”) handbook. The publication, available in February 2008 through BOMA, will help businesses with the development and implementation of energy efficiency projects at their facilities and also point them to the technical tools and industry resources available in Hawaii and nationally.

The user friendly handbook covers topics ranging from funding energy projects to designing for energy efficiency, and provides an overview on a wide variety of subjects and topics relevant to commercial property owners, building and facility managers, architects, bankers, developers, engineers, hotels, restaurants and retail establishments. Also covered is the status of renewable energy use (solar, wind, sea water air conditioning, etc.) in Hawaii and high efficiency technologies. For more information, call BOMA at 847-0143 or email boma@hawaii.n.com.

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**The Society of American Military Engineers, Honolulu Post and the Hawaii Council of Engineering Societies**

Invites you to join us for the

**2008 ENGINEER’S WEEK KICK-OFF LUNCHEON**

The proposed Honolulu Transit System & It’s Relationship to the Military Community.

Speaker:
The Honorable Mufi Hannemann, Mayor of the City and County of Honolulu

Honolulu Country Club
(1690 Ala Puumalu Street)
Tuesday, February 19, 2008 at 11:30 AM
Luncheon Cost: $27

RSVP BY: 12 FEBRUARY 2008

SEND THIS FORM AND PAYMENT TO:
Society of American Military Engineers, Honolulu Post
c/o Iris Terrasima
URS
615 Pilk St., 9th Floor
Honolulu, HI 96814

(Make checks payable to Society of American Military Engineers)

Name:________________________________________________________________________________________________________
Organization:________________________________________________________________________________________________
Address:_____________________________________________________________________________________________________
Phone: ___________________________ Number in Party: _______ x $27 = Total $_____
Receipt required: No _____ Yes _____
Email: __________________________________________

LUNCH: Sandwich Buffet
from the NOAA perspective” Dolan presented a very interesting presentation on the World’s Climate from NOAA’s perspective. He also is saying the Global Warming is real and we have to consider what is happening especially in Hawaii. He also explained the apparent sea level rise is different because the Big Island is actually sinking so the apparent sea level rise on the Big Island is larger than on Oahu. He also had some positive things that could be happening with Global Warming, unfortunately he ran out of time to talk about them.

October 12th, 2007 Speaker: Tit Mun Chun. Subject: Marriage Bliss. A couple was celebrating their 50th wedding anniversary. The husband asked, “What accounts for the longevity of your marriage?” “Well when we went on our honeymoon to the Grand Canyon we rode horses down into the canyon. My wife’s horse bucked almost throwing her off. My wife said ‘That’s once.’ A little later the horse bucked again, but my wife held on and she said ‘That’s twice.’ Then the horse bucked a third time. My wife got off the horse and said ‘That’s three times.’ She took out a gun and shot the horse. I said to her, ‘What did you do that for?’ My wife looked at me and said ‘That’s once.’” Speaker: Travis Hylton – Oceanit. Subject: “Engineering Observations from a Global Circumnavigation” Travis, as part of a belated honeymoon, took a 65 day trip around the world. Being a true engineer, Travis went searching for the engineering sights. They started by getting into hot water on a Beach in New Zealand. A thermal spring on the beach provided the hot water. Then he found the surfing breaks at Raglan New Zealand. Then it was on to testing the 154 foot bungee jump but he failed to get his head wet. Then it was on to safari in Botswana in Africa, which is the exact opposite point on the Earth from Hawaii. They were in an open Land Rover traveling 600 miles in 6 days in the wild bush and camping, that is, honeymooning in a tent. I think Travis will be hearing about this for the next 50 years or so. “That’s once.” To hear Travis’s presentation go to the EAH WEB site.

November 16th, 2007 Speaker: Greg McCartney – NASA Ambassador; EAH 2nd Vice President. Subject: “Galaxy Evolutions, Dark Matter & 5th Forces” Greg again talked about his favorite subject “Space” and as a NASA Ambassador he gets the inside information on the comings and goings of NASA. Greg never fails to impress and allows one to visualize the vastness of Space. For example he explained that our Sun revolves around the center of our Milky Way galaxy about once every 250 million years. Also, that there are more stars in the universe than grains of sands on all the beaches in the world. He talked about the Big Bang and how scientists theorize that in a matter of just a few seconds after the Big Bang, matter was distributed throughout the Universe at speeds that would exceed the speed of light, which is not possible according to Einstein’s theories. He talked about Globular Star Clusters and colliding galaxies, where stars orbit in opposite directions. Greg is always available and willing to give his presentations to other organizations, groups and schools and is in fact that is his task as a NASA Ambassador in Hawaii. Greg’s phone number is 525-6611.
Treasurer Adrian Lee 536-7692 537-9022

the legislature to revive the van-cams and red-light. According to the latest statistics, HPD is fines, suspension or revocation of the driver.

typical and questionable circumstances. Sgt. Lung explained the situations where HPD conditions regarding the new pedestrian laws. Also, pedestrian laws recently passed by the legisla-
tions, and pedestrian-related violations. Also, Sgt. Lung elaborated about the new pedestrian laws.

Sgt. Lung reported that State of Hawaii ranks high in the rate of deaths attributed to DUI acci-

ent. Sgt. Lung elaborated about the new pedestrian laws recently passed by the legisla-
ture. He spoke on the intent, meaning, and conditions regarding the new pedestrian laws. Also, Sgt. Lung explained the situations where HPD would issue a ticket for a violation. Sgt. Lung identified several examples of how and when the new pedestrian laws would be applicable under typical and questionable circumstances. Sgt. Lung also cited what type of driver behaviors would constitute red-light running or stop sign violations. Sgt. Lung covered the penalties for various violations, which may include monetary fines, suspension or revocation of the driver license. According to the latest statistics, HPD is stepping up its enforcement efforts. Sgt. Lung closed with an update of the latest attempts by the legislature to revive the van-cams and red-light running camera enforcement programs.

Seminar on CFS Strap Braced Walls

On January 25, 2008, Dr. Colin A. Rogers of McGill University, Montreal Canada will present his research findings on the performance of cold-formed steel strap braced walls. The seminar will be at the Pagoda Hotel in Honolulu from 9am to 12noon. A common means to construct the lateral load resisting system of cold-formed steel structures is to provide diagonal tension-only strap braces in the walls. The strap walls act as a vertical concentrically braced system, which transfers the lateral loads from the roof and floor levels to the foundation.

The seminar aims at providing designers with information on the inelastic lateral load carrying performance of cold-formed steel (CFS) frame strap braced walls that are assembled using screws and welds; and relate the laboratory observations to the recent changes in the ASI Standards on Lateral Design. - S213. The project has involved the monotonically and reversed cyclic testing of single story wall assemblies. The final phase consisted of walls that were designed following a capacity based seismic design method, in which the braces were selected to act as the fuse element. The remaining elements in the lateral force path were designed accounting for the nominal yield capacity of the braces including possible overstress. The previous phases consisted of walls that were not designed following capacity design concepts.

Speaker: Colin Rogers is an Associate Professor in the Department of Civil Engineering and Applied Mechanics at McGill University, Montreal Canada. Dr. Rogers has been involved in research on cold-formed steel structures for the past fourteen years, and most recently has concentrated on the seismic design of CFS walls and diaphragms. To date, he has participated in the testing of over 300 CFS walls constructed with wood sheathing and with strap bracing, as well as 50 tests on corrugated steel roof deck diaphragms. For more information, please contact Mardie Torres at 4851400 or visit www.hawaii_steel.com.

Other Future Chapter Activities

The upcoming Installation Banquet will be set sometime in February 2008. We have several topics being considered for 2008. Among these are mid-rise structures combined with non cold-formed steel (CFS) lateral systems, truss presentation and product standards and span tables in conjunction with the SSMAs new catalog. There will also be a seminar on fire/sound acoustic systems and advancements by Robert Wills of McGill University, Montreal Canada.

CFSEI supports HPSFA training program

The HPSFA training committee invited CFSEI to Hawaii Chapter to assist in its training program. Recently, HPSFA Executive Director Mardie Torres, Sam Galante of Steel Truss & Panel, committee chairperson and Brian Enomoto, P.E. of Iwamoto & Associates, CFSEI – Hawaii Chapter president gave a seminar to about 20 building officials and inspectors in Hilo. Seminars on Oahu, Kauai and Maui are also under way. For more information, please contact Mardie Torres at 4851400 or visit www.hawaiisteel.com.

The Society of

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will afford direct shipment for large and increasing amounts of freight from the central and west portion of the Island of Oahu [EB, 8/24/1907].” At its Aug. 30, 1907 meeting, the Association’s Secretary E.H. Paris “offered the resolution of endorsing the Pearl Harbor dry dock, which was adopted without debate [EB, 8/31/1907].” 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). Previous articles in the series may be found at the Section’s web site. Just point your browser to http://www.ascehawaii.org.
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Professional Directory

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